



RFT 26-083 Interior Renovations & Air Conditioner Upgrades at Frontenac PS

The following, issued by the Halton District School Board (HDSB) June 18, 2026, shall be incorporated in the specifications and shall form part of the proposal document for the above.

Question 1:

Could you please provide us with the asbestos report? Please confirm if the asbestos work is covered under the cash allowance.

Response 1:

The project specific DSS report will not be complete prior to closing. Once the report is available, the report will be provided to the successful contractor to be priced and paid from the Cash Allowance.

Question 2:

Please clarify if the 20,000 Cash Allowance is assigned to any scope of work.

Response 1:

The Cash Allowances will be assigned to the following scopes of work: Asbestos Abatement, Inspection & Testing, Padding for Calming Room and miscellaneous painting in other areas of the school.

ATTACHED:

- Bidders are asked to see the attached Addendum No. 01 as drafted by Gacesa Slote Architects Inc. (20 pages).
- Revised Form of Tender - Bidders must submit their bid using the included Revised Form of Tender which includes a new cash allowance value of \$90,000.00. (2 pages).
- Bidders may use the already provided list of electrical and mechanical subcontractors, or they may use an electrical or mechanical subcontractor included below within this addendum (2 pages)

- Bidders are no longer required to submit an asbestos subcontractor as part of their bid submission. This has been updated on the Revised Form of Tender included in this Addendum.

RECEIPT OF ADDENDA MUST BE ACKNOWLEDGED ON THE FORM OF QUOTATION.

**PAGE 2 OF 26
END OF ADDENDUM 1**



Additional Electrical/Mechanical Subcontractors

ELECTRICAL

Vendor Name	Contact Name	Email Address	Telephone Number
Arc Electrical	Susan K	susan.k@arcelectrical.ca	905-816-0234
Atlas Electric Corp.	Emre Ates	atlaselectricgta@gmail.com	289-386-3601
B-Safe Electric	Dan More	dan@b-safe.ca brian@b-safe.ca	905-872-7233
Best Electric	Gurmukh Sehmbi	gsehmbi@bestelectric.ca	416-677-3851
Black & McDonald Limited	Brian Mino	swatson@blackandmcdonald.com	905-560-3100
Brant Electric Limited	John Phelps	johnphelps@brantelectriclimited.ca info@brantelectriclimited.ca	905-634-5577
Cahill Electr Inc.	Chris Cahill	estimating@cahillelectric.ca	905-388-0515
CEC Services Ltd.	Kyle Feinstein	estimating@beswickgroup.com	905-716-3711
Dorval Electric Inc.	Pat Folino	dorvalelectric@bellnet.ca	905-845-4341
EEL Line Corporation	Majeed Wraich	majeed@eeline.ca	416-540-8894
Electrobauer Systems Limited	Michael Bauer	michaelbauer@rogers.com	416-389-6804
Elite Electrical Solutions	Amar Taneja	estimate@eliteelectrical.ca	905-789-5511
Ellisdon Facilities Services Inc. (Formerly Current Technologies Ltd.)	Don Frederickson	dfrederickson@ellisdon.com	416-240-7691
Gremar Electric Ltd.	Gennaro Di Gregorio	gennaro@gremar.ca	905-652-2641
Halton Electric	Paul Woods	office@haltonelectri.com	905-335-2104
Indcon Inc.	Nitesh Patel	indcon74@gmail.com	416-677-3303
JD Electrical Services	Dave De Ciantis Matthew De Ciantis	dave@jdelectric.com	416-803-7689 416-896-6393
Kraun Electric Inc.	Kevin Krause	estimating@kraun.ca	905-684-6895
LJ Barton Mechanical Inc.	Mike Van den Heuvel	estimating@ljbarton.com	905-304-1976
Nadelec Contracting Inc.	John Nadalin	john.nadelec@gmail.com	905-875-5239
North Star Electric	Greg Harris	gharris@northstarelectric.ca	905-845-9063
Ozz Electric	Dave Burlo	estimating@ozzelectric.com	416-637-7237
PRL - Guite Electric Ltd.	Kyle Leaker	estimating@prlguite.ca	905-549-6711
R.A. Hillmer Electric Corp.	Robert Hillmer	rahillmerelectric@outlook.com	289-736-1000
Smith & Long	Vince Ambrico	vambrico@smithandlong.com	416-391-0443
Star Electrical Services Inc.	Harvinder Kahlon	info@starelectrical.ca	905-799-3883

MECHANICAL

Vendor Name	Contact Name	Email Address	Telephone Number
Ainsworth Inc.	Andre Lambert	BidPlatform@ainsworth.com	416.433.9678
Anvi Services Ltd.	Amit Bamba	amit@anviservices.com	905-660-6595
BAS Mechanical Inc.	Riaz Ahmad	estimator@basmechanical.ca	905-669-1126
Black & McDonald Limited	Jordan Anderson	swatson@blackandmcdonald.com	289-919-1166
Black Creek Mechanical Ltd.	Nelson Pedreira	estimating@blackcreekmechanical.ca	416-604-7558
Brenner Mechanical Inc.	Michael Brenner	mbrenner@brenner.ca	519-746-0439
Canadian Air Tech Systems Inc.	Joan Blakeley	mail@ctas.ca	416-291-1296
Canem Systems Ltd.	Scott Carnegie	scarnegie@canem.com	226-566-9652
CEC Mechanical Ltd.	Devin Brown	dbrown@beswickgroup.com	905-266-1500
Chamberlain Building Systems Inc.	Alex Skaljac	a.skaljac@chbs.ca	905-664-1914
CJ's Express Plumbing & Electrical Ltd.	Nelson Oliveira	noliveira@cjsexpress.ca	519-621-3111
Enercare Home and Commercial Services Inc.	Youssef Zaghloul Hadi Zagarpourfardin	Youssef.Zaghloul@enercare.ca Youssef.Zaghloul@enercare.ca	437-214-7683
Glenn Richardson Plumbing & Heating Ltd.	Kyle Richardson	kyle@glennrichardsonplumbing.com	905-335-2945
Kirk Mechanical Limited	Robert Kirk	kirkmech@bellnet.ca	905-681-0140
LJ Barton Mechanical Inc.	Bruce Hunter	estimating@ljbarton.com	905-304-1976
Mattina Mechanical Limited	Domenic Mattina	dmattina@mattina.ca	905-544-6380
Mechfield Canada Inc.	Kaleem Ahmad Bhatti	salman@mechfield.com	289-597-7555
Mekcon Ltd.	Inaam Cheema	info@mekcon.ca	905-918-1899
Modern Niagara Southwestern Ontario Inc.	Rachel McGowan	rmcgowan@modernniagara.com rfqswo@modernniagara.com	289-768-1951
SFB Plumbgin and Heating Inc.	Stan Bliszczuk	stan@sfbplumbing.com	289-527-1499
SE Canada Inc. o/a Service Experts Commerical HVAC	Saadia Ashraf	saadia.ashraf@serviceexperts.com	905-453-6700
Superior Boiler Works & Welding Ltd.	Domenic Settimi	info@sbww.com	(905) 643-6628
VCI Controls Inc.	Jeff Morneau	jmorneau@vcicontrols.ca	905-850-4464
Velocity Mechanical Inc.	Peter Linseman	quotes@velocitymechanical.com	519-896-1119



REVISED FORM OF TENDER

Project Reference: RFT 26-083 Interior Renovations & Air Conditioning Upgrades - Frontenac PS

From (Bidder): _____
Company Name

Street Address

City, Province and postal code

Phone Number Email Address

To (Owner): Halton District School Board
2050 Guelph Line
Burlington, Ontario L7P 5A8

By signing below, I/We acknowledge that I/We have read and accept the terms and conditions of this document and further that I/We have the authority to bind the organization.

I/We acknowledge that I/We have received addenda numbered _____ to _____ and the fee(s) quoted incorporate such addenda.

I/We have included one (1) electronic copy of the proposal submission in accordance with the terms and conditions of this RFP.

If this proposal is accepted by the HDSB and the HDSB is proceeding with the internal approvals for the award of the Agreement, then I/we will provide the required proof of insurance, and all other required submittals within five (5) business days of notification from the HDSB.

I/We, the undersigned, having examined the RFX Documents for the above-named Project, including Addenda, HDSB Standard Terms and Conditions and hereby offer to perform the Work in accordance with the Tender Documents, for the Stipulated Price of:

TENDER ADDENDUM NO. 1
2026.06.17

Interior Renovations and Air Conditioner Upgrades at Frontenac Public School
Halton District School Board RFT 26-083
5140 Pinedale Avenue, Burlington, Ontario

The following information supplements and/or supersedes the Tender documents. This Addendum forms part of the contract documents and is to be read, interpreted, and co-ordinated with all other parts. The cost of all contained herein is to be included in the contract sum. The following revisions supersede the information contained in the original drawings and specifications issued for the above-named project to the extent referenced and shall become part thereof. Acknowledge receipt of this Addendum by inserting its number and date on the Tender Form. Failure to do so may subject the Bidder to disqualification.

Drawings Issued for Tender, 2026.06.05: (Architectural)

1.1: Drawing A0.3 Specifications:

1. ADD Specification for LVT (Luxury Vinyl Tile): Polyflor Expona Commercial PUR. Colour Selected by Consultant from Manufacturer's full colour range. Provide all adhesives and primers as per manufacturer instructions.

1.2: Drawings 2/A1.0, 4/A1.0, 5/A1.0 and 6/A1.0 Proposed Plans and Interior Elevations:

1. ADD reference bubbles to detail millwork sections. See attached revised drawing A1.0 with bubbled revisions.

1.3: Drawing A1.1 Demolition & Proposed Floor Plans – Room 114:

1. ADD to Interior Elevations 1/A1.1 and 2/A1.1 reference bubbles to detail millwork sections. See attached revised drawing A1.1 with bubbled revisions.
2. ADD Millwork Section Detail 11/A1.1 and Interior Elevations 3/A1.1, 4/A1.1, 10/A1.1 and 12/A1.1. See attached revised drawing A1.1 with bubbled revisions.

1.4: Drawing A1.2 Demolition & Proposed Second Floor Plans:

1. ADD to Interior Elevation 3/A1.2 reference bubbles to detail millwork sections. See attached revised drawing A1.2 with bubbled revisions.
2. ADD Millwork Elevation Detail 5/A1.2 and Millwork Section Details 6/A1.2, 9/A1.2 and 11/A1.2. See attached revised drawing A1.2 with bubbled revisions.
3. 10/A1.2 Section – Serving Hatch relocated from drawing A1.1. See attached revised drawing A1.2 with bubbled revisions.

1.5: Drawing A1.3 Demolition & Proposed RCP:

1. ADD to Proposed Reflected Ceiling Plans 2/A1.3 and 4/A1.3 location of HVAC grilles and diffusers. See attached revised drawing A1.3 with bubbled revisions.

1.6: Drawing A1.4 RCP Office 131 & Second Floor 216:

1. ADD to 1/A1.4 Office 131 – Reflected Ceiling Plan location of HVAC grilles and diffusers and note that all lighting and suspended ceiling finishes are existing to remain. See attached revised drawing A1.4 with bubbled revisions.



TENDER ADDENDUM NO. 1

2026.06.17

**Interior Renovations and Air Conditioner Upgrades at Frontenac Public School
Halton District School Board RFT 26-083
5140 Pinedale Avenue, Burlington, Ontario**

1.7: Drawing A1.5 Demolition & Proposed Stair Cases:

1. Details 7/A1.5, 8/A1.5 and 9/A1.5 have been relocated from Drawing A1.6 to Drawing A1.5 (no other change to details).

1.8: Drawing A1.6 Washroom Details & Millwork:

1. Drawing A1.6 RENAMED as Washroom Details & Millwork. See attached revised drawing A1.6 with bubbled revisions.
2. Details 5/A1.6, 6/A1.6 and 7/A1.6 relocated from Drawing A1.2. See attached revised drawing A1.6 with bubbled revisions.
3. ADD Millwork Section Details 10/A1.6, 11/A1.6 and 12/A1.6. See attached revised drawing A1.6 with bubbled revisions.

END OF ARCHITECTURAL DRAWING REVISIONS

Project Manual Issued for Tender, 2026.04.10: (Architectural)

1.9: Schedules and Attachments:

1. REVISE Room Finish Schedule dated June 3, 2026 to add additional Remark to Calming Room 109B: "LVT flooring to cover entire sub-floor surface. PAD vinyl-encased foam padding to cover entire LVT floor surface."

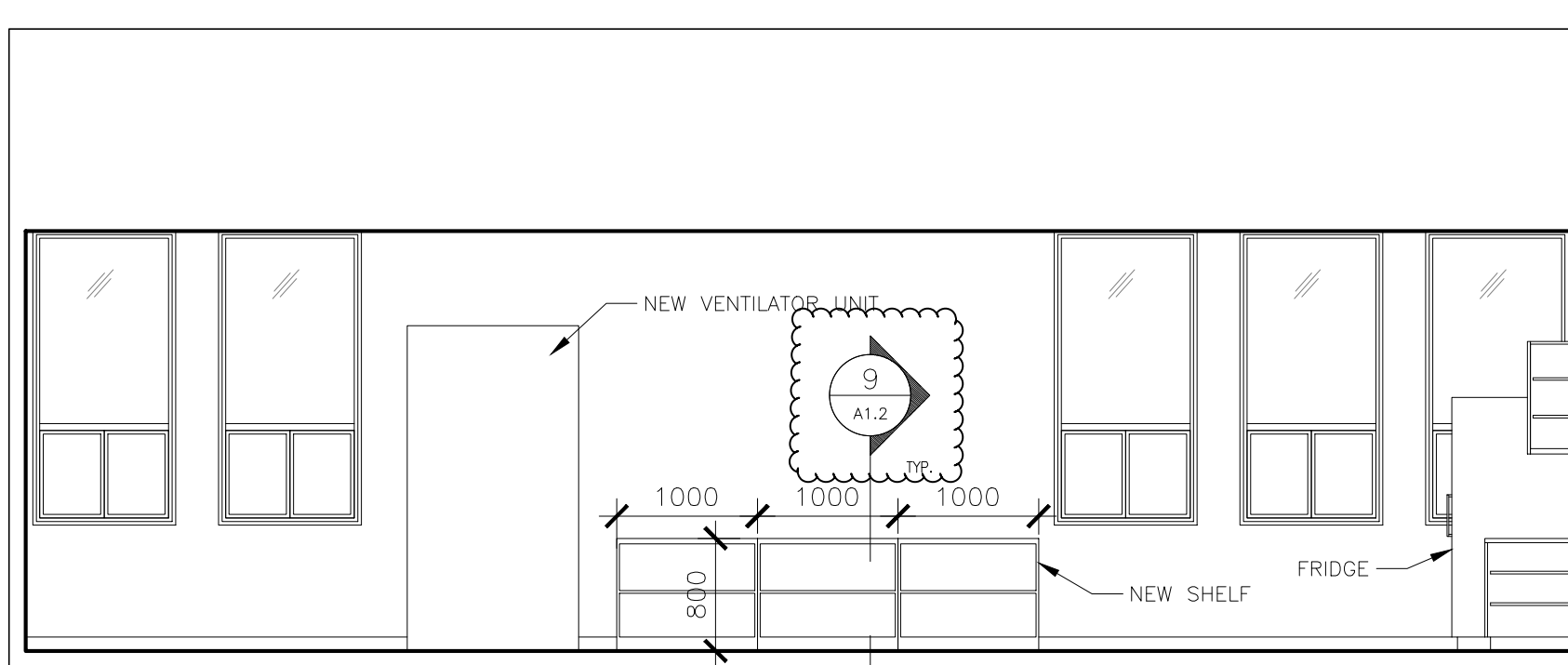
END OF PROJECT MANUAL REVISIONS

1.10 Electrical Addendum No. 1:

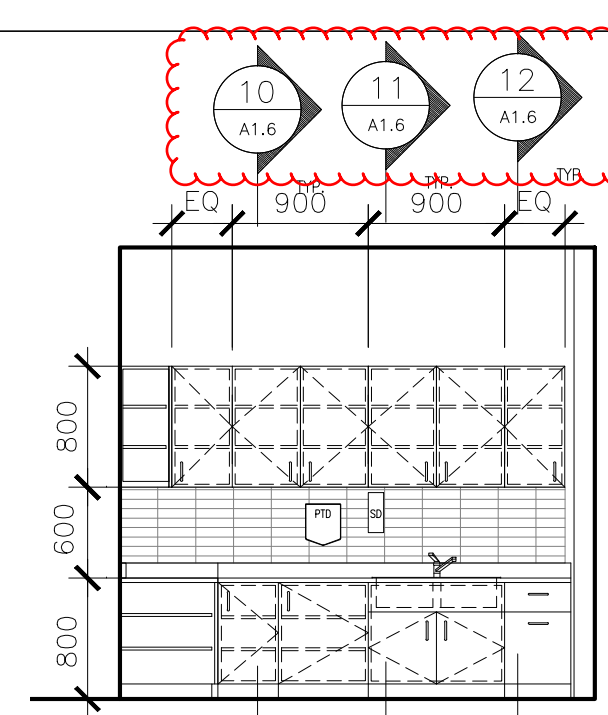
1. Refer to attached Electrical Addendum No. 1 issued by CK Engineering Inc. and dated June 11, 2026, for revisions to Electrical drawings and specifications (12 pages total).

END OF ADDENDUM NO. 1

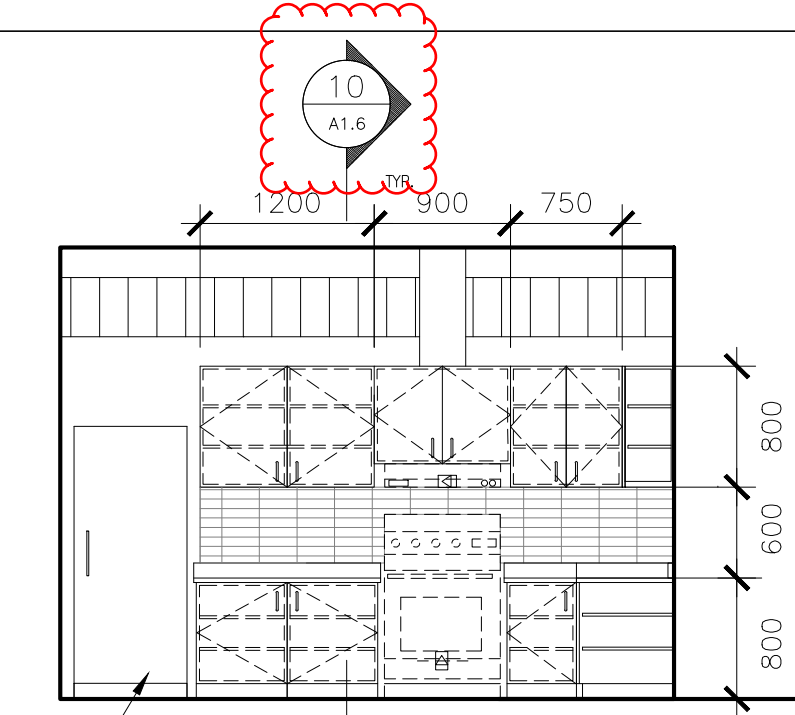




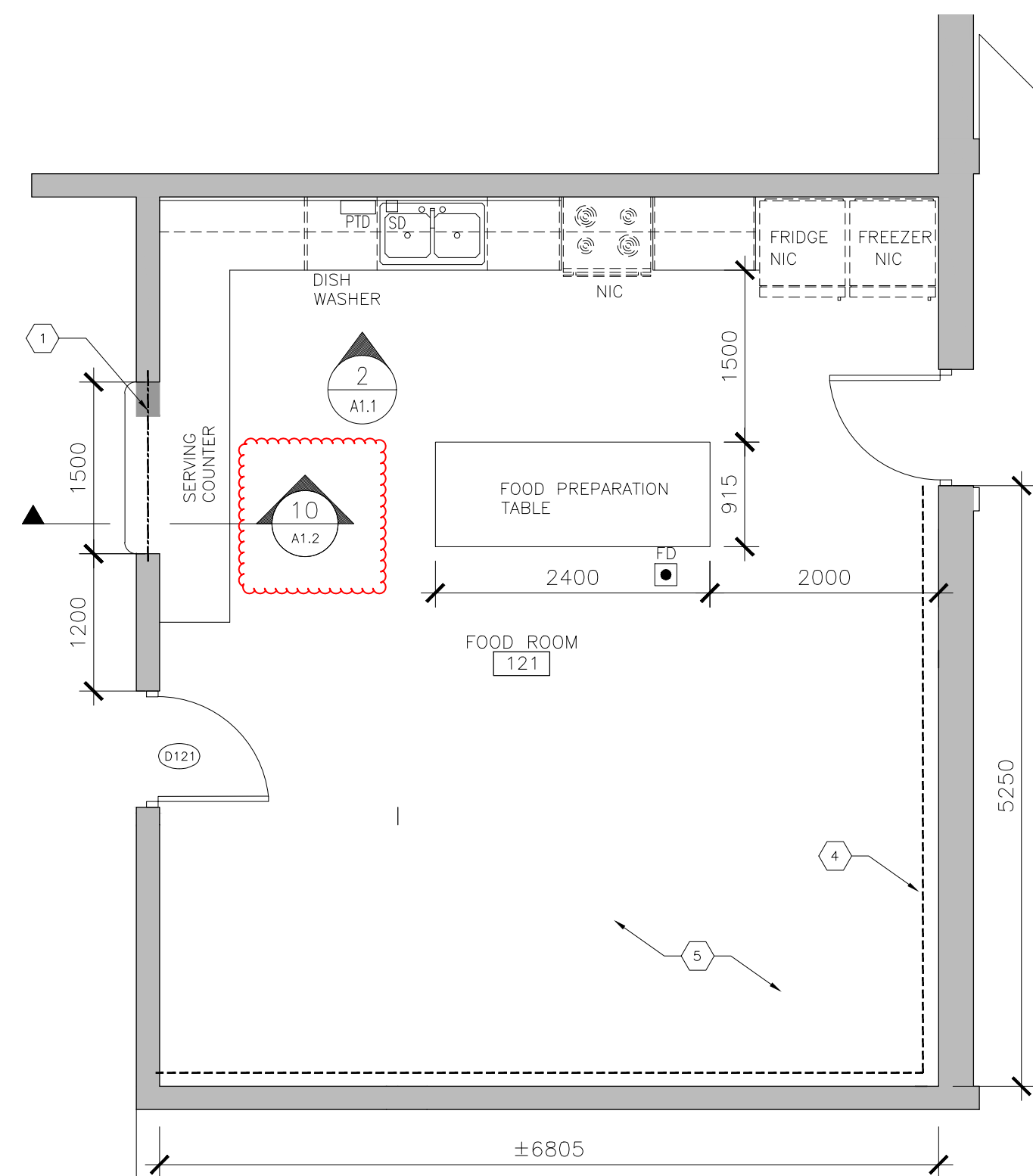
7 INTERIOR ELEVATION
A1.0 1:50



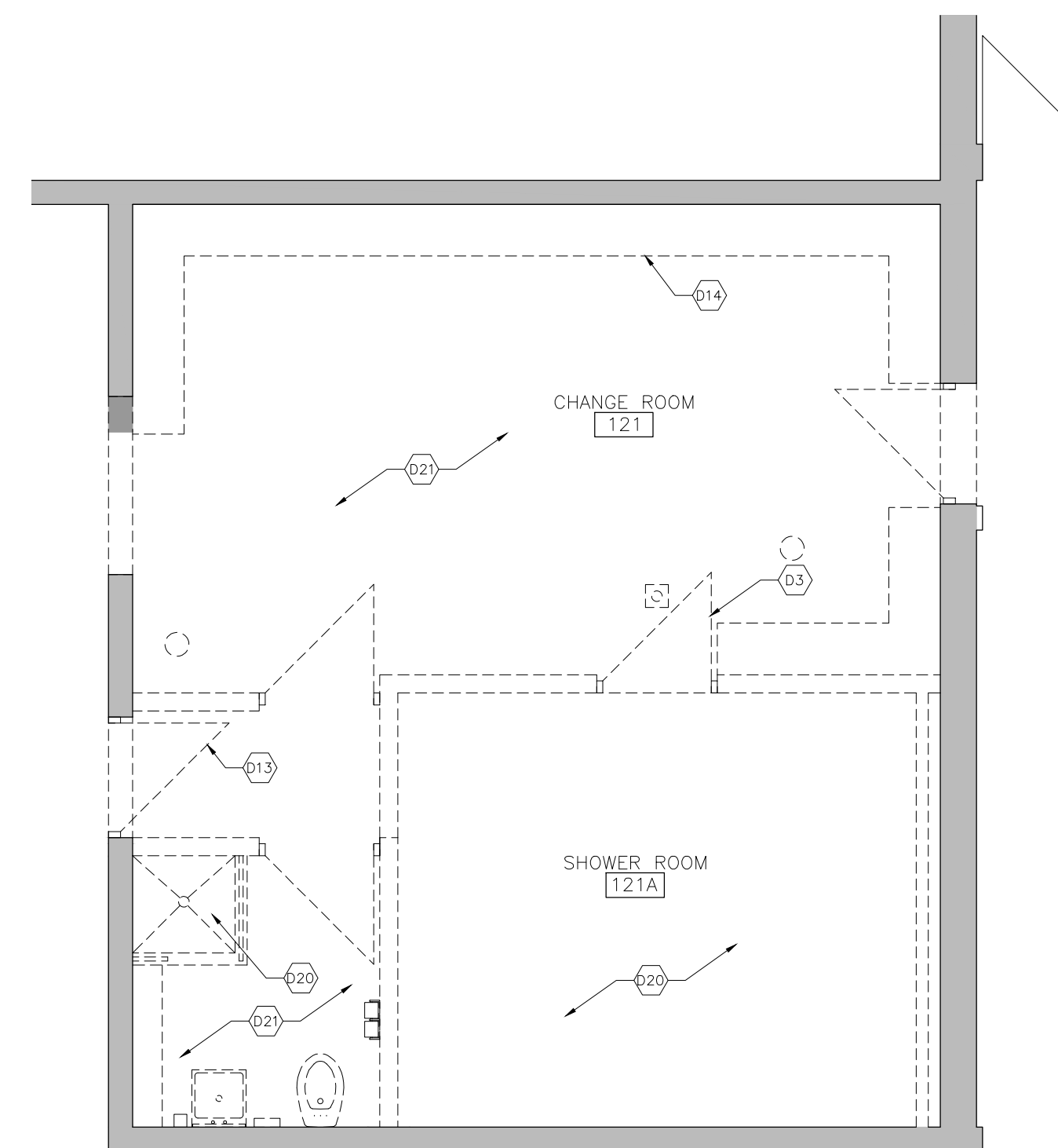
6 INTERIOR ELEVATION
A1.0 1:50



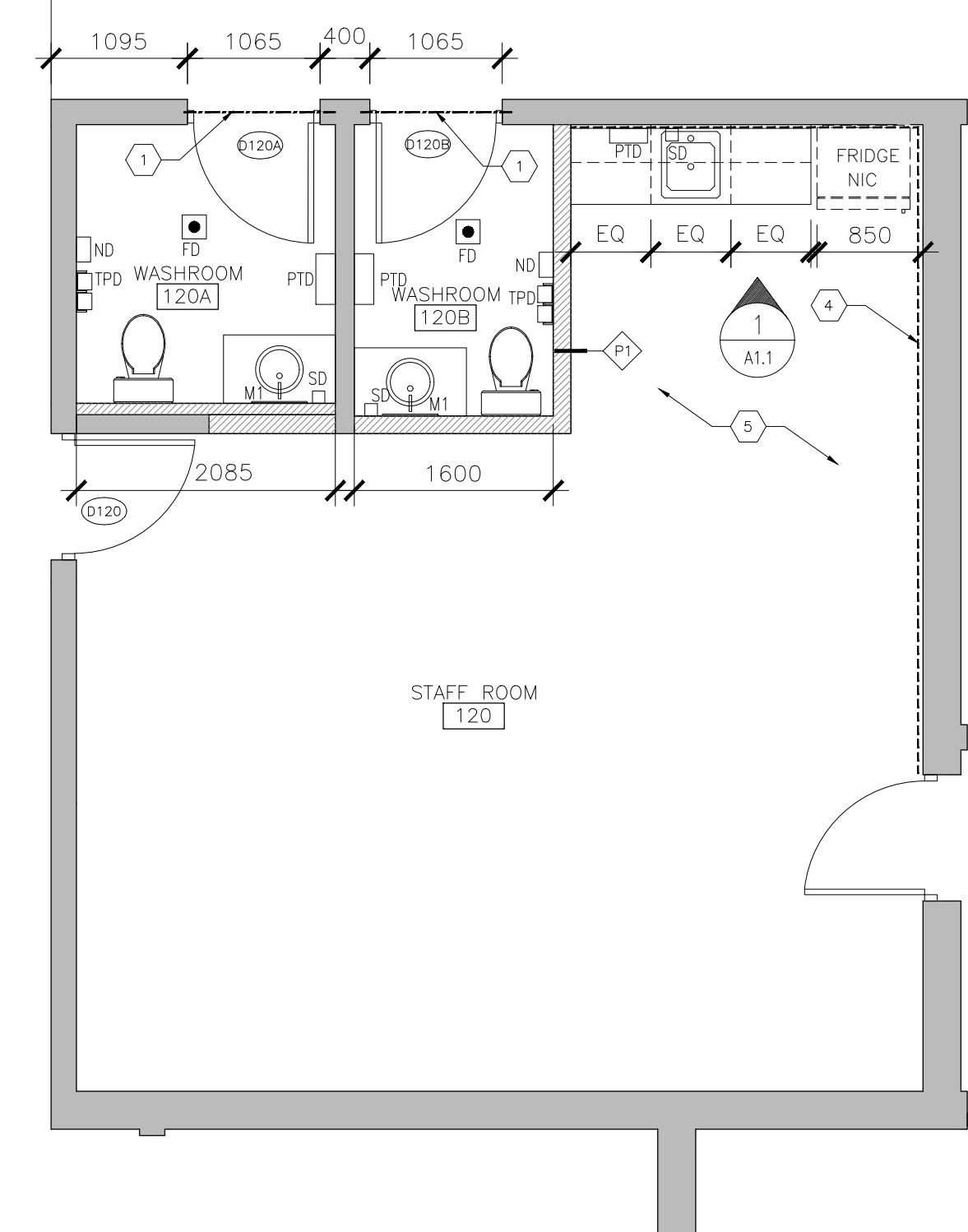
5 INTERIOR ELEVATION
A1.0 1:50



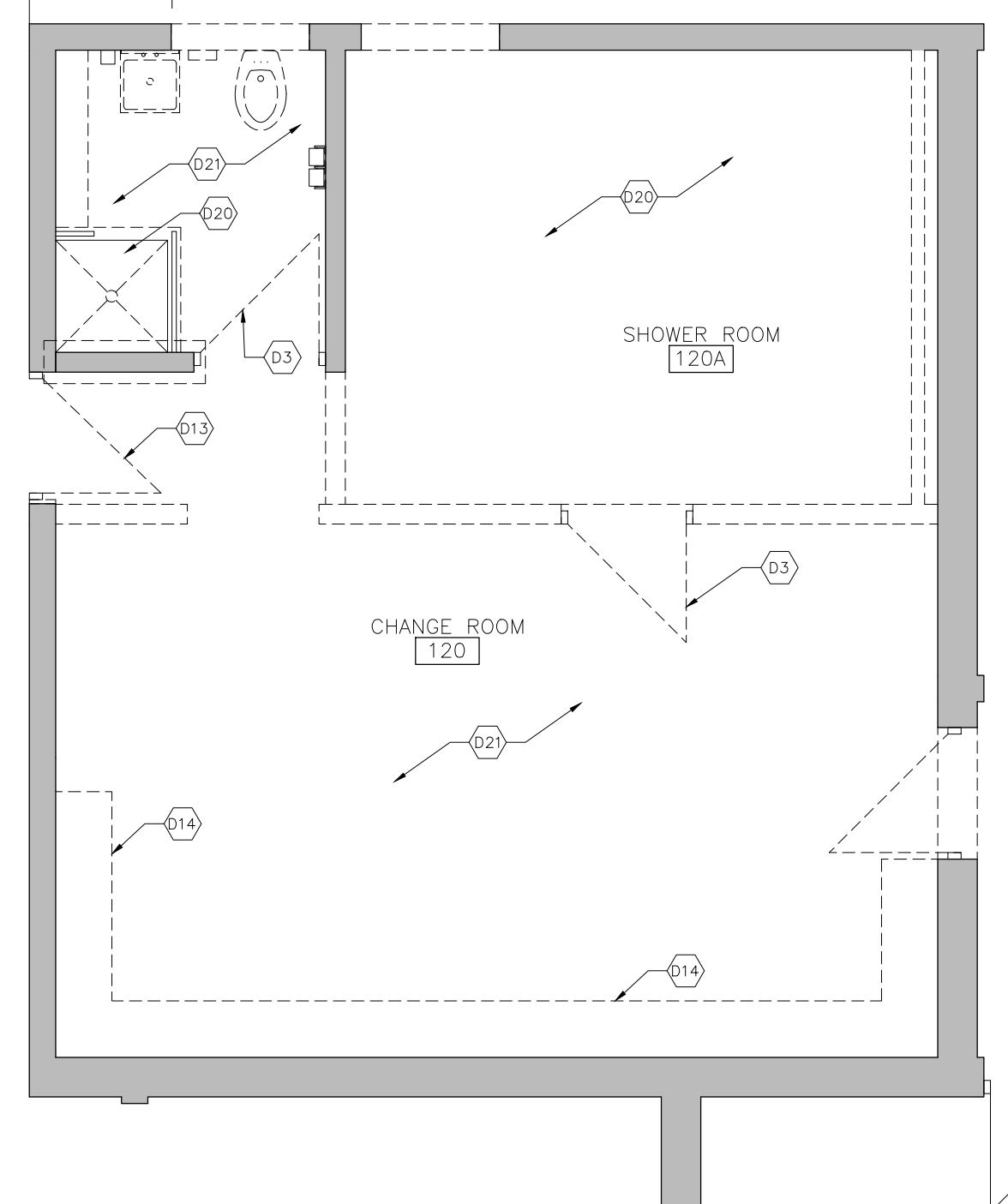
4 PROPOSED PLAN
A1.0 1:50



3 DEMOLITION PLAN
A1.0 1:50

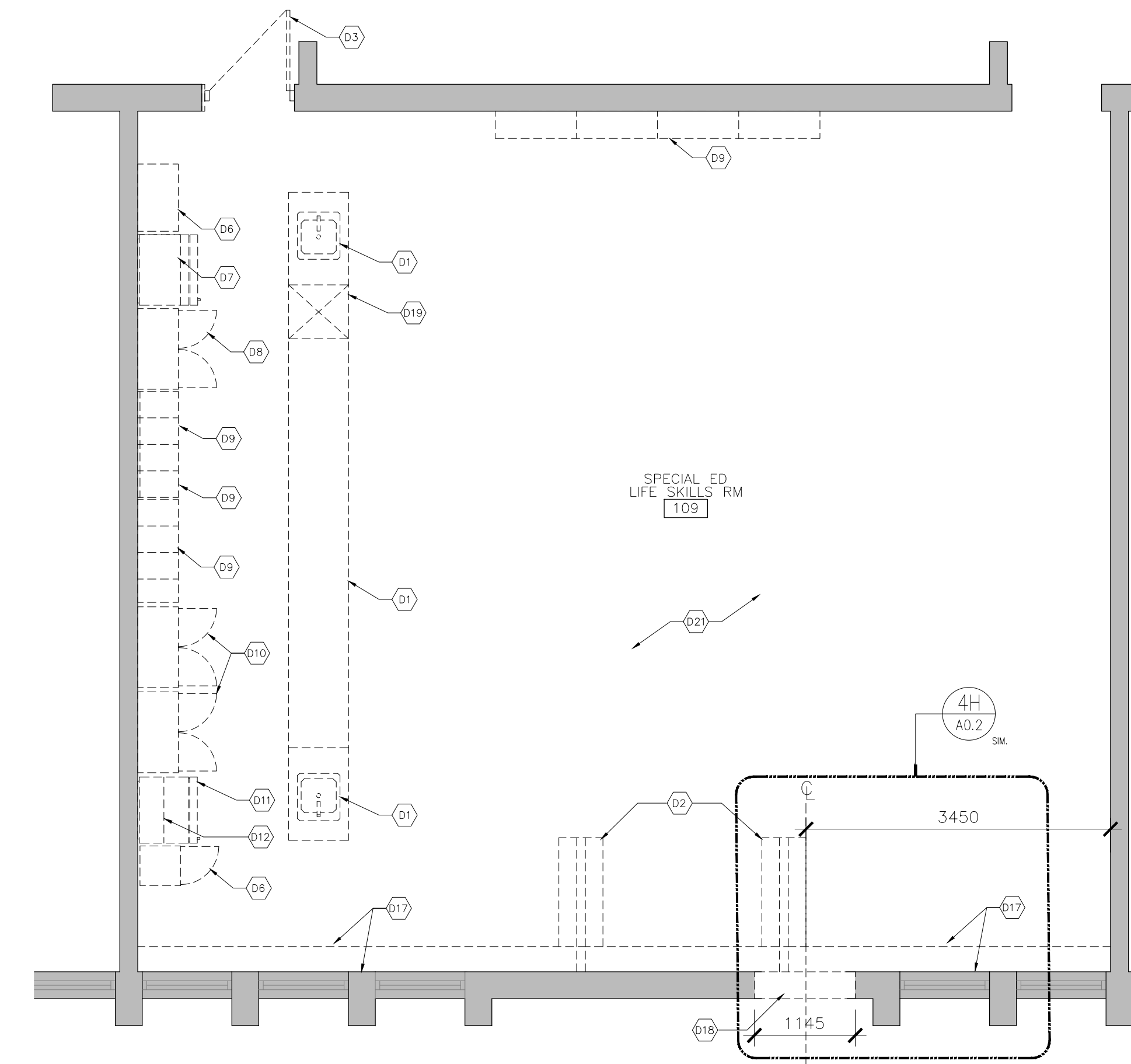


4 PROPOSED PLAN
A1.0 1:50

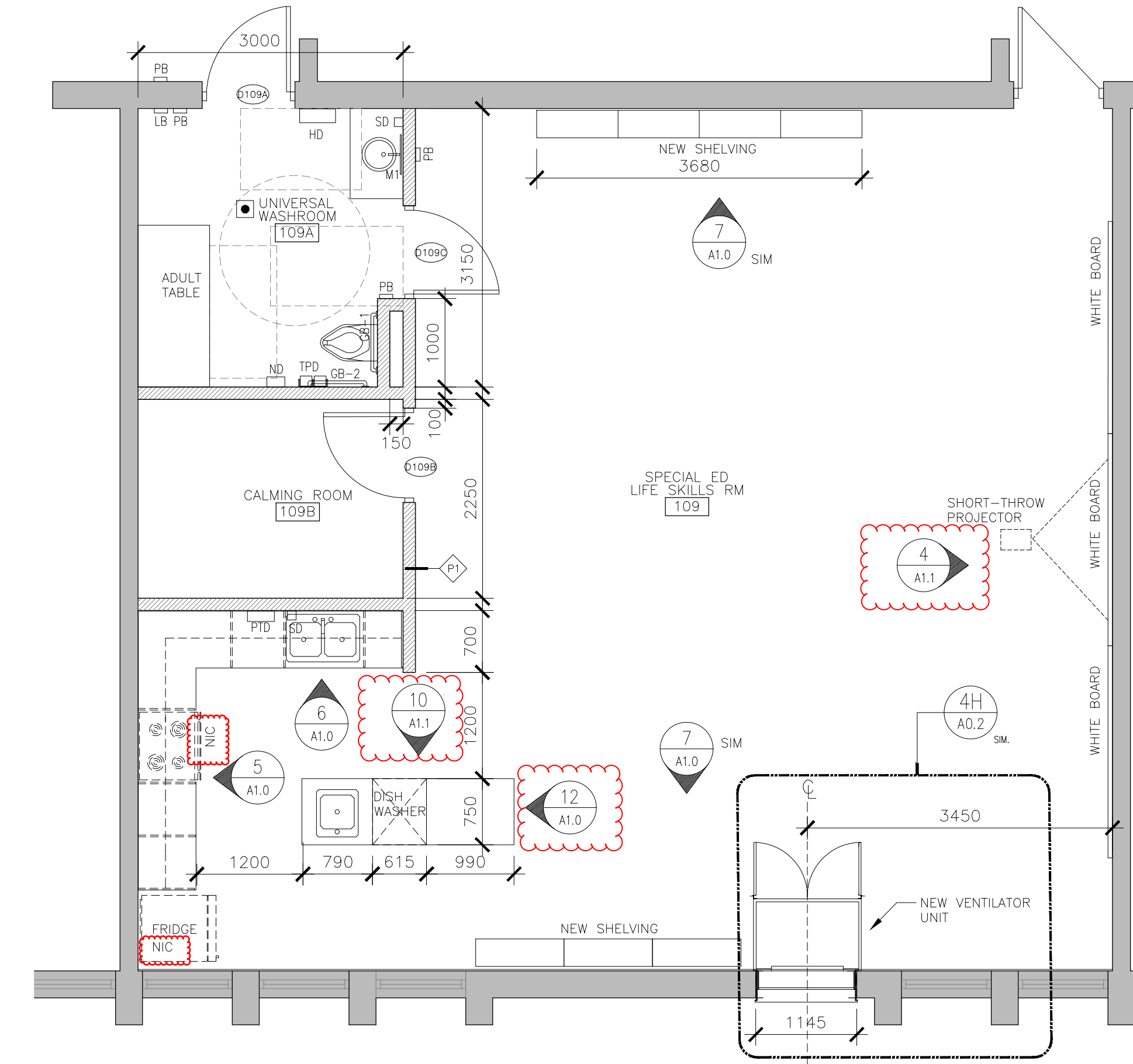


3 DEMOLITION PLAN
A1.0 1:50

NOTE: ALL SCOPE IN STAFF ROOM 120 AND FOOD ROOM 121 TO BE COVERED UNDER SEPARATE PRICE AS IDENTIFIED IN BID FORM



1 DEMOLITION PLAN
A1.0 1:50



2 PROPOSED PLAN
A1.0 1:50

- DEMOLITION NOTES**
- NOTE: ALL KEYNOTES MAY NOT BE USED
- D1 REMOVE EXISTING SINKS AND MIDDLE ISLAND. COORDINATE WITH PLUMBING & ELECTRICAL.
 - D2 REMOVE AND DISCARD EXISTING HALF PARTITIONS, AND BASES. REPAIR THE DAMAGED SURFACES.
 - D3 REMOVE EX. DOOR AND FRAME.
 - D4 REMOVE PORTION OF EX. BLOCK WALL AS SHOWN ON PLAN TO ACCOMMODATE NEW WASHROOM DOOR. PATCH AND REPAIR ADJACENT SURFACES.
 - D5 REMOVE EX. MILLWORK.
 - D6 REMOVE EX. CUPBOARD.
 - D7 REMOVE EX. FRIDGE. HAND OVER TO OWNER.
 - D8 REMOVE EX. STORAGE CABINET.
 - D9 REMOVE EX. MILLWORK, OPEN STORAGE SHELVING. PATCH AND REPAIR DAMAGED SURFACES.
 - D10 REMOVE EX. METAL STORAGE CABINETS. SALVAGE FOR FUTURE USE.
 - D11 REMOVE EX. STOVE AND HANDOVER TO OWNER.
 - D12 REMOVE EX. UPPER CABINETS & ALL MILLWORK ABOVE STOVE.
 - D13 REMOVE EX. DOOR AND HARDWARE. EX. DOOR FRAMES TO REMAIN. INSTALL NEW DOOR TO EX. FRAME.
 - D14 REMOVE EX. BENCHES, HOOKS AND ALL ASSOCIATED ITEMS. PATCH & REPAIR THE DAMAGED SURFACES.
 - D15 REMOVE EX. WALLS. PATCH & REPAIR THE DAMAGED SURFACES.
 - D16 REMOVE EX. TERRAZZO BASE. PREPARE THE FLOOR FOR NEW FILLING.
 - D17 REMOVE EX. HEATER AND ALL ASSOCIATED ITEMS. REMOVE DECORATIVE WALL SURFACE AND REPAIR THE WALL.
 - D18 REMOVE EX. MASONRY AS REQUIRED TO FACILITATE INSTALLATION OF NEW VENTILATOR UNIT. REPAIR THE DAMAGED SURFACES.
 - D19 REMOVE EX. DISH WASHER
 - D20 PREPARE EX. TERRAZZO FLOOR FINISH AS PER MANUFACTURERS INSTRUCTIONS FOR PLACEMENT OF SELF-LEVELLING CONCRETE FILL
 - D21 REMOVE ALL EXISTING FLOOR FINISHES & MAKE GOOD FOR NEW FINISHES

- PLAN NOTES**
1. PATCH AND REPAIR ALL DAMAGED SURFACES DUE TO CONSTRUCTION.
 2. ALL WALLS ARE \diamond UNLESS OTHERWISE NOTED
 3. LOCATE DOOR FRAMES 50mm FROM ADJACENT WALL UNLESS NOTED OTHERWISE.
 4. WORKS RELATED TO BACKFILL, COMPACTION, SLAB AND FINISH RESTORATION SHALL BE PERFORMED BY THE G.C.
 5. SLAB CUTTING AND EXCAVATION WORKS FOR NEW PLUMBING LINES SHALL BE PERFORMED BY PLUMBER.

- PLAN KEY NOTES**
- NOTE: ALL KEYNOTES MAY NOT BE USED
- 1 NEW LINTEL. SEE DETAIL.
 - 2 NEW CERAMIC FLOOR TILES AND BASE AS PER CONSULTANTS.
 - 3 REMOVE AND RE-INSTALL EXISTING DOOR ONLY. REFER PLAN FOR DIRECTION OF DOOR OPENING. EXISTING DOOR FRAMES TO REMAIN. RE-USE EXISTING HARDWARE.
 - 4 TILE FINISH WALL.
 - 5 PROVIDE SELF-LEVELLING CONCRETE INFILL IN EX. SHOWER ROOM TO MAKE FLUSH TO ADJACENT FLOOR LEVEL.

- PLAN LEGEND**
- EXISTING
 - DEMOLITION
 - NEW CONSTRUCTION
 - NEW WALL
 - EXISTING DOOR TO REMAIN
 - NEW DOOR
 - EXTENT OF WALL TILE. REFER TO INTERIOR ELEVATIONS FOR HEIGHTS
 - FLOOR DRAIN
 - PB PUSH BUTTON FOR AUTOMATIC DOOR OPENER
 - DEMOLITION
 - LB DOOR LOCK BUTTON
 - M1 MIRROR
 - TPD TOILET PAPER DISPENSER
 - HD ELECTRIC HAND DRYER
 - ND NAPKIN DISPENSER
 - GB-1 HORIZONTAL GRAB BAR
 - GB-2 VERTICAL GRAB BAR
 - ADT ADULT TABLE
 - GB GARBAGE BIN
 - FD FLOOR DRAIN
 - CT CERAMIC FLOOR TILE
 - PTD PAPER TOWEL DISPENSOR
 - NIC NOT IN CONTRACT



CONTRACTOR IS TO CHECK AND VERIFY ALL DIMENSIONS AND CONDITIONS ON THE PROJECT AND TO REPORT ANY DISCREPANCIES TO THE ARCHITECT BEFORE PROCEEDING WITH THE WORK.

CONTRACT DOCUMENTS ARE THE COPYRIGHT OF THE CONSULTANTS AND SHALL NOT BE USED OR REPRODUCED WITHOUT AUTHORIZATION. DOCUMENTS ARE TO BE RETURNED UPON COMPLETION OF THE PROJECT.

NOTE: DRAWINGS ARE NOT TO BE SCALED.

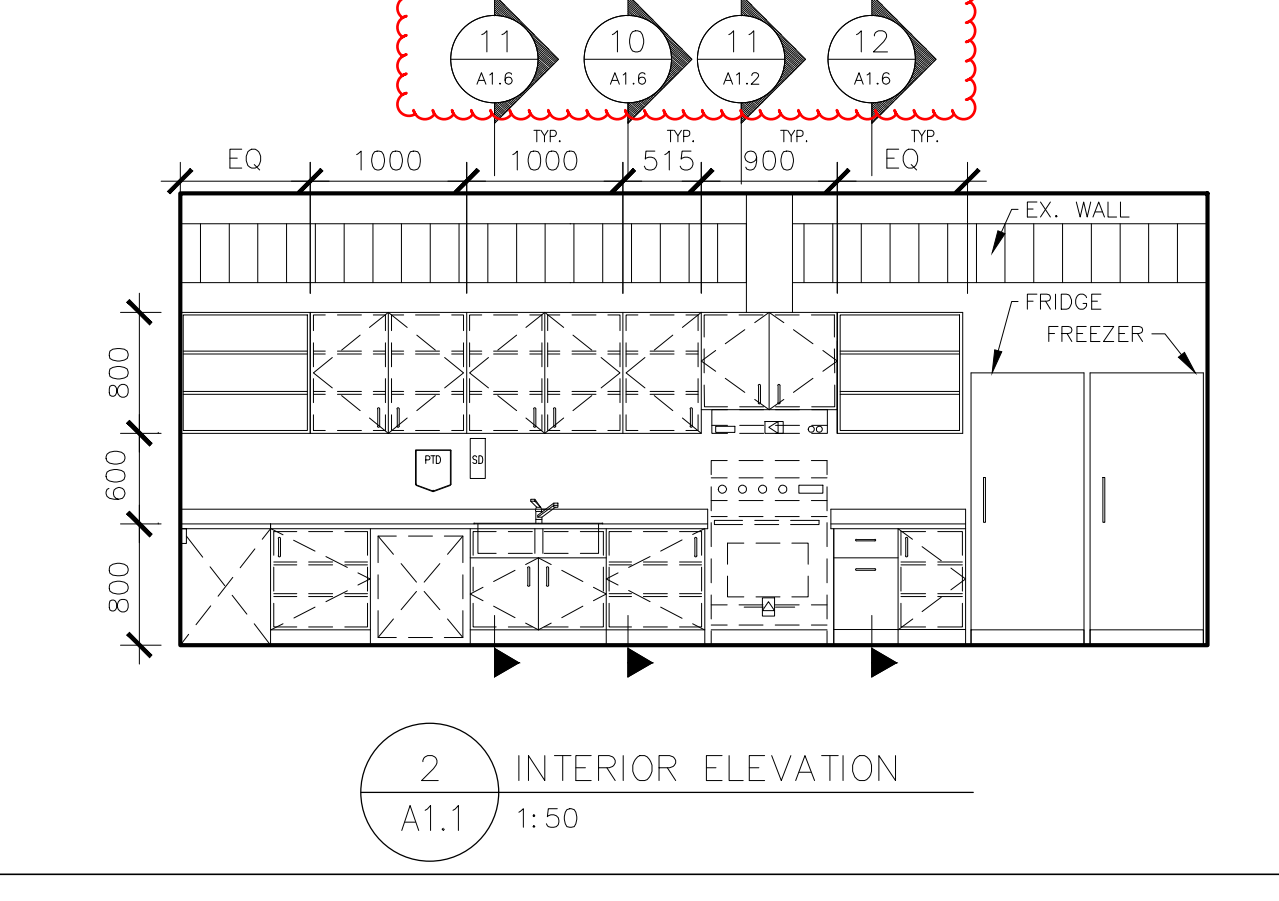
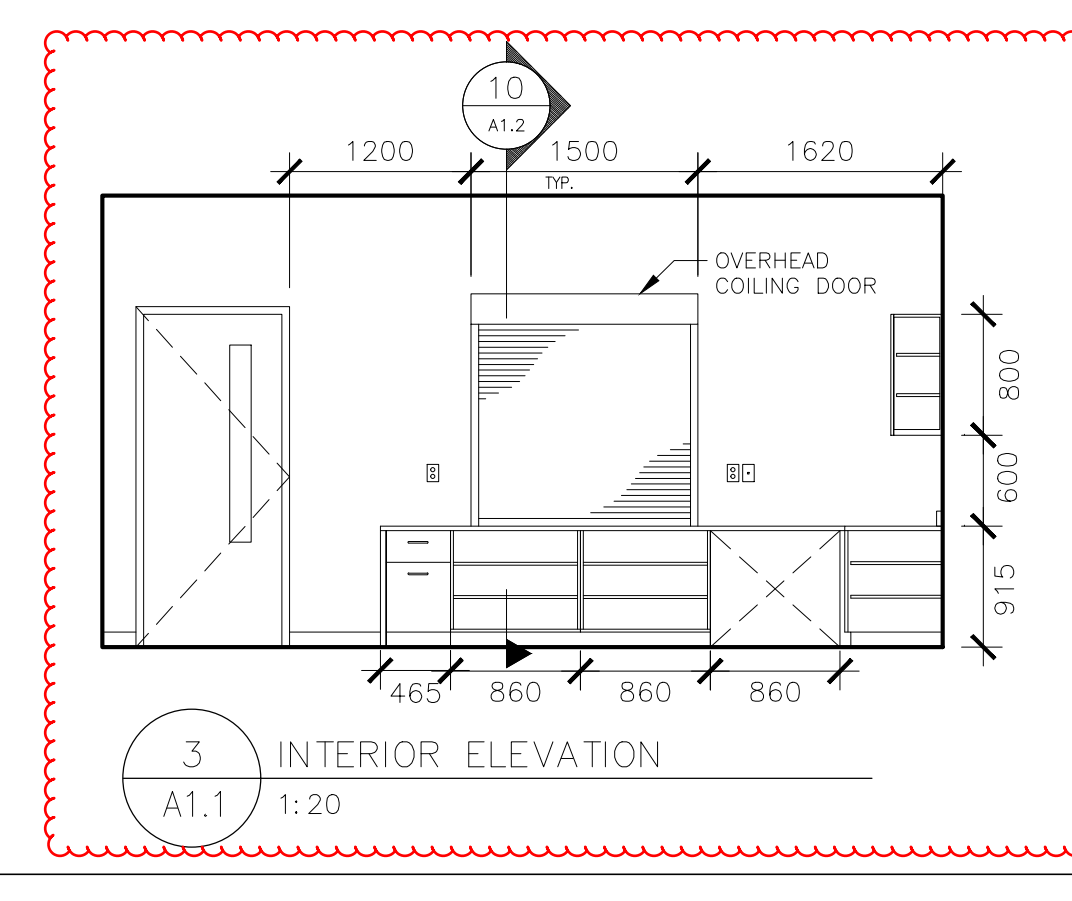
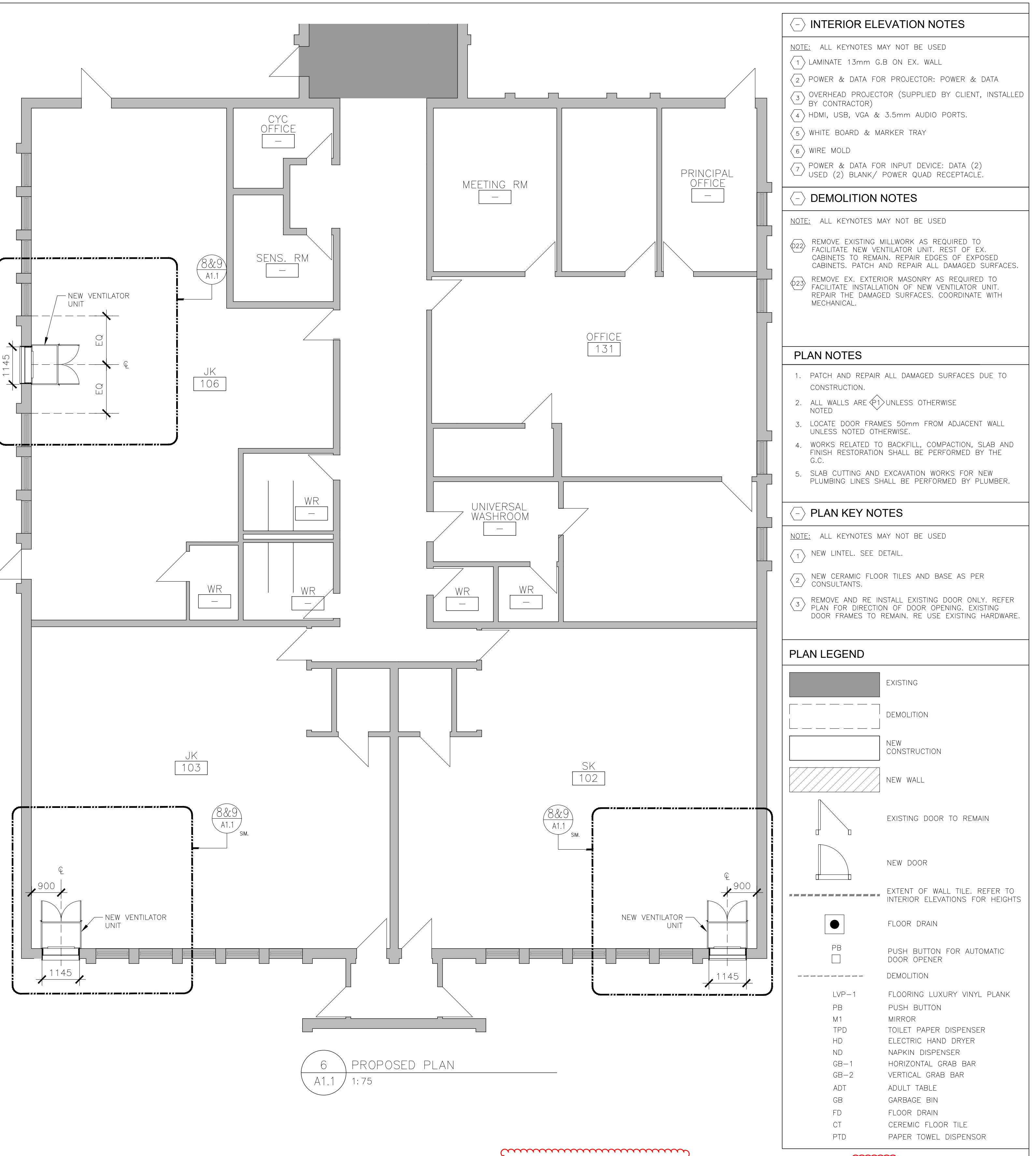
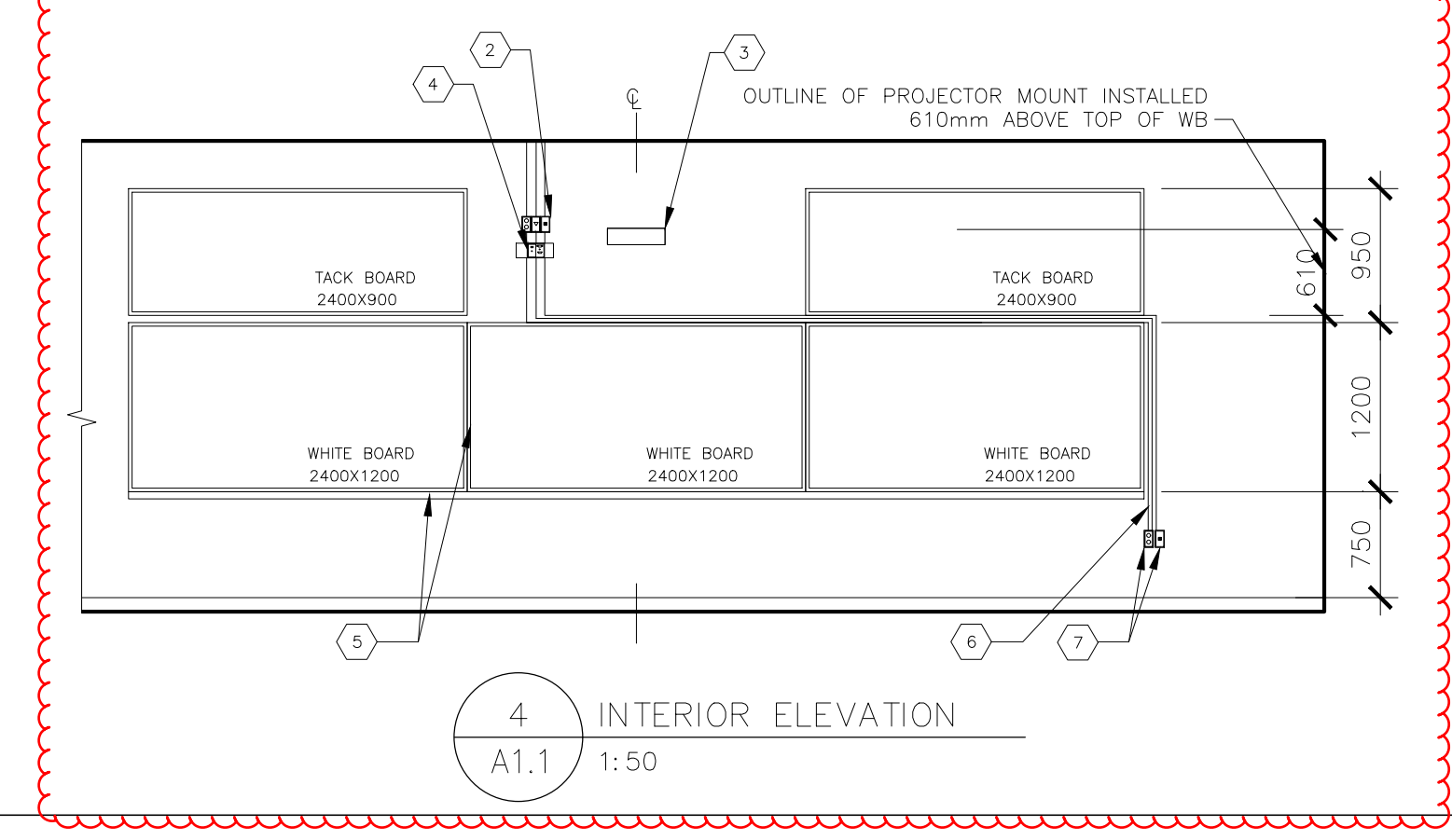
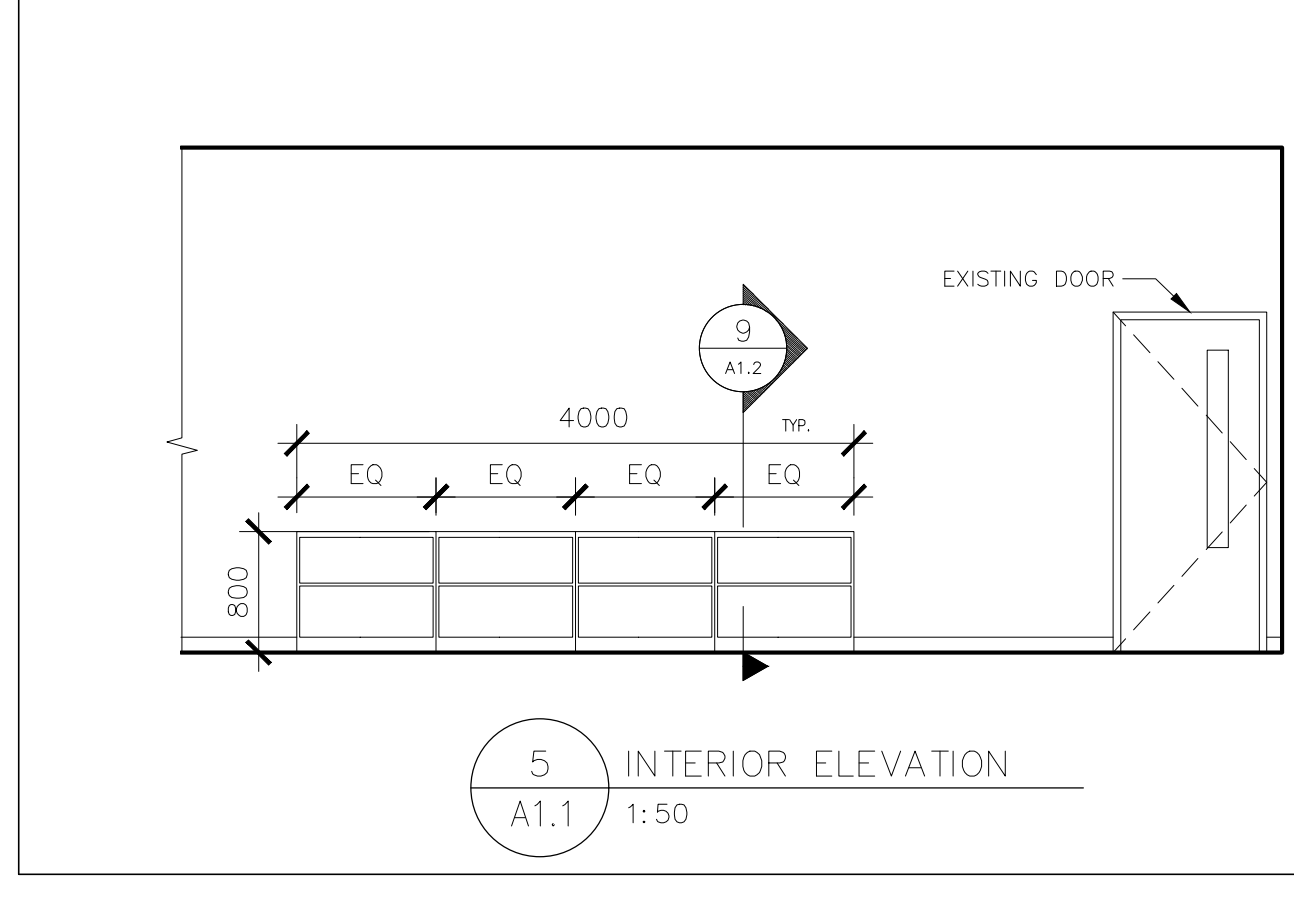
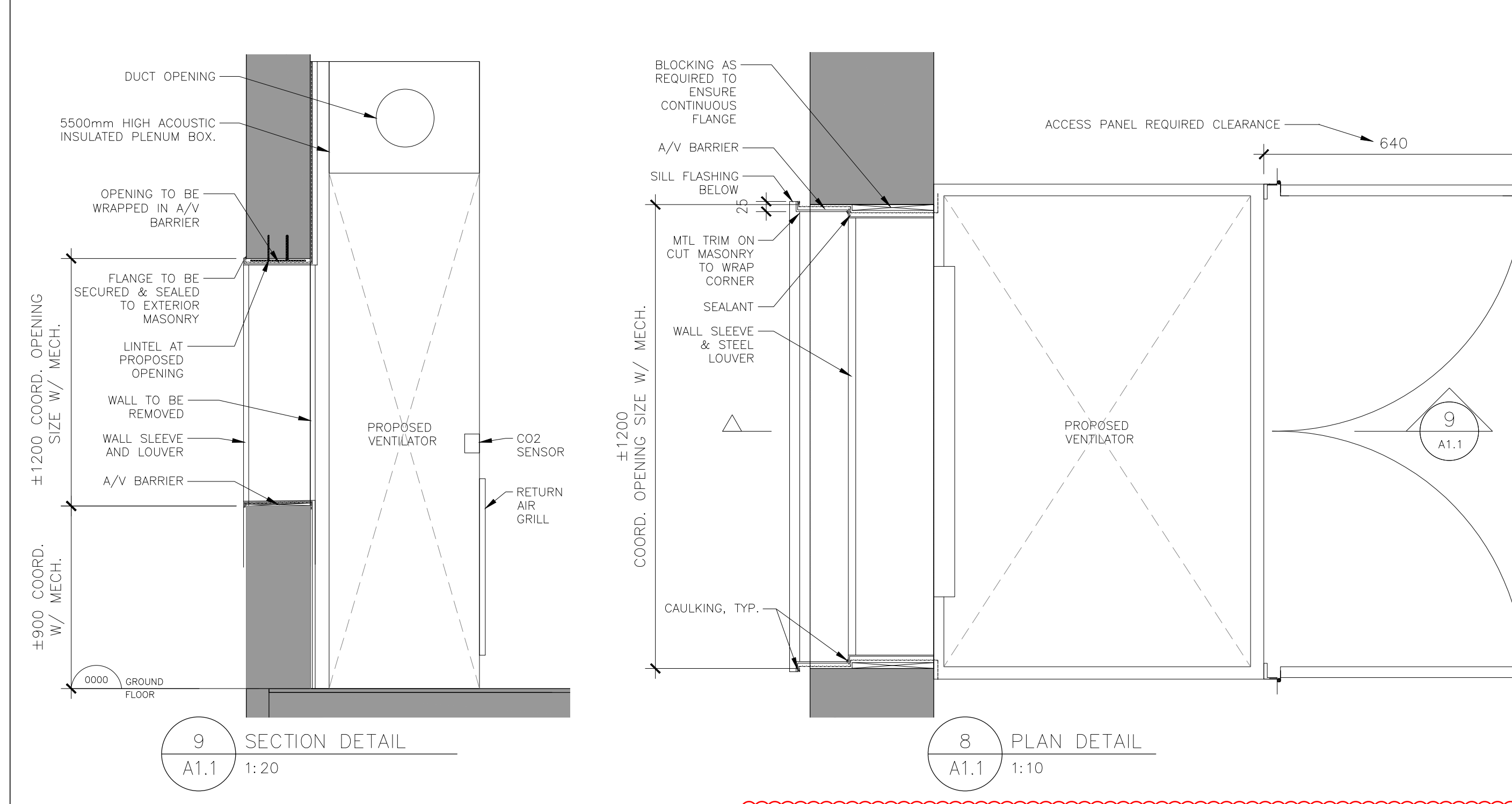
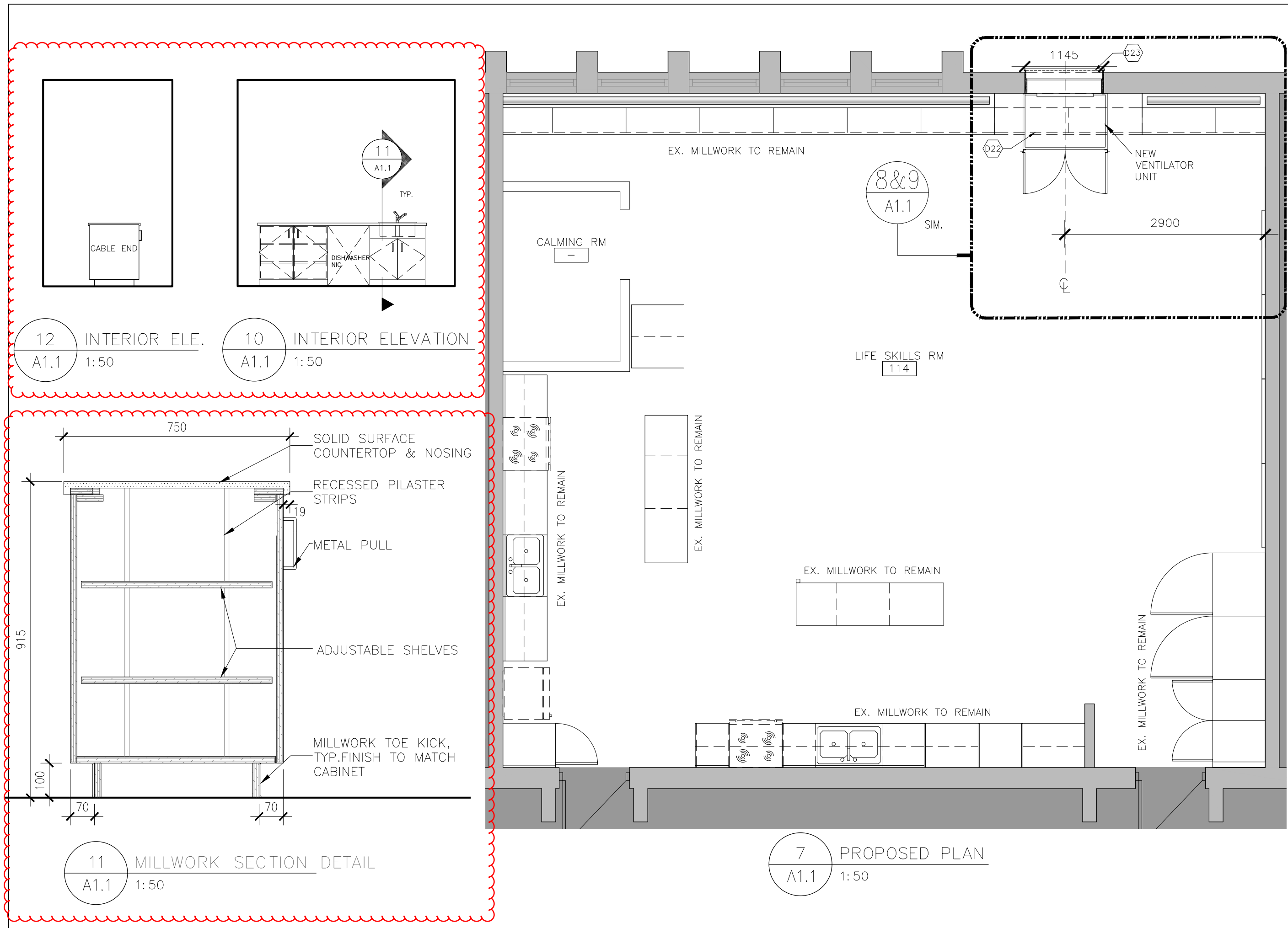
No.	Date	Remarks
05	2026-06-16	Issued for Addendum #01
04	2026-06-05	Issued for Tender
03	2026-04-24	Issued for Building Permit
02	2026-04-14	Issued for Client Review
01	2026-02-02	Issued for Client's Review

Interior Renovations to
HDSB Frontenac Elementary School
5140 Pinedale Avenue, Burlington, ON.
L7L 3V4

Dwg. Title:
Demolition & Proposed Floor Plans

Drwn: Chkd: SG
Proj. No.: 26001
Scale: As noted
Date: 2026-05-20

Drawing No.:
A1.0

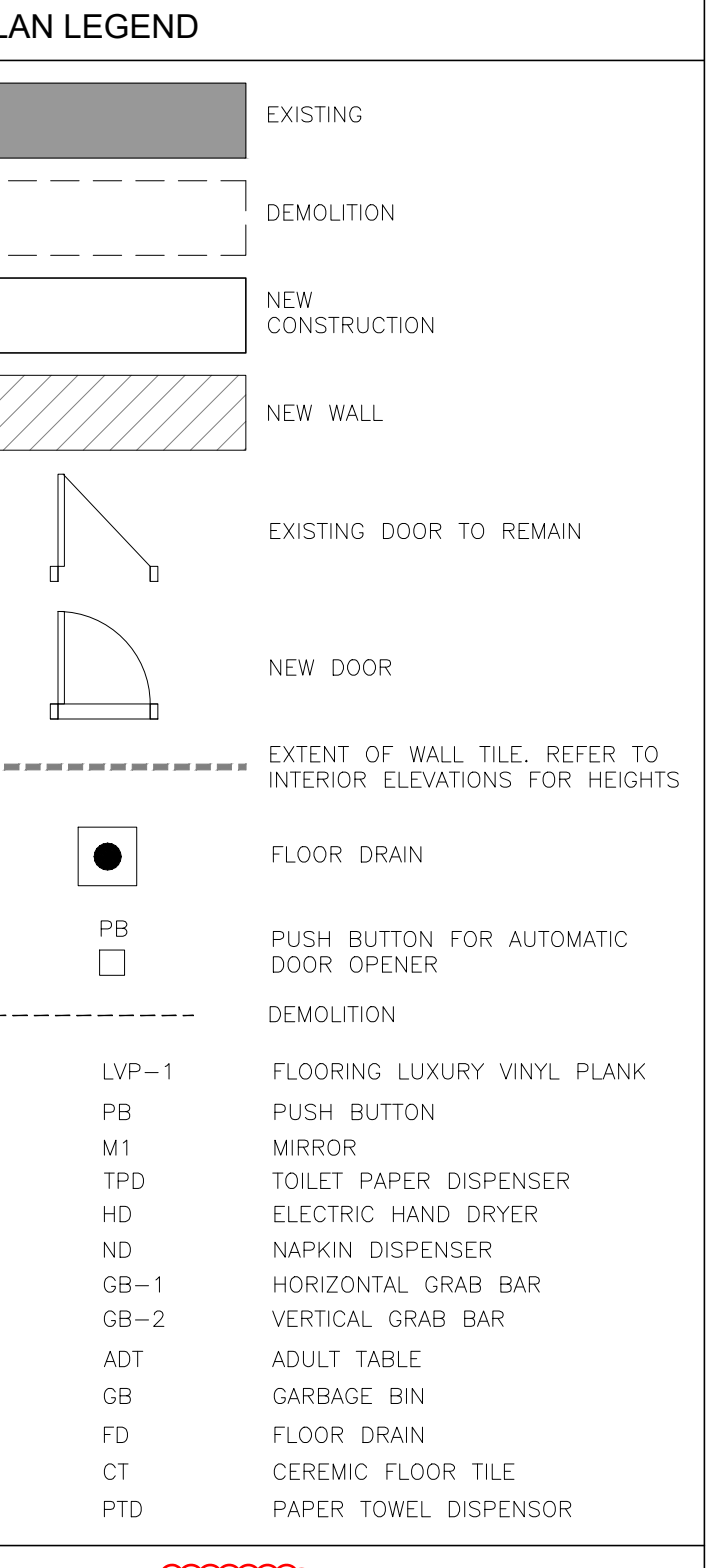


- INTERIOR ELEVATION NOTES**
- NOTE: ALL KEYNOTES MAY NOT BE USED
- LAMINATE 13mm G.B ON EX. WALL
 - POWER & DATA FOR PROJECTOR: POWER & DATA
 - OVERHEAD PROJECTOR (SUPPLIED BY CLIENT, INSTALLED BY CONTRACTOR)
 - HDMI, USB, VGA & 3.5mm AUDIO PORTS.
 - WHITE BOARD & MARKER TRAY
 - WIRE MOLD
 - POWER & DATA FOR INPUT DEVICE: DATA (2) USED (2) BLANK/ POWER QUAD RECEPTACLE.

- DEMOLITION NOTES**
- NOTE: ALL KEYNOTES MAY NOT BE USED
- REMOVE EXISTING MILLWORK AS REQUIRED TO FACILITATE NEW VENTILATOR UNIT. REST OF EX. CABINETS TO REMAIN. REPAIR EDGES OF EXPOSED CABINETS. PATCH AND REPAIR ALL DAMAGED SURFACES.
 - REMOVE EX. EXTERIOR MASONRY AS REQUIRED TO FACILITATE INSTALLATION OF NEW VENTILATOR UNIT. REPAIR THE DAMAGED SURFACES. COORDINATE WITH MECHANICAL.

- PLAN NOTES**
- PATCH AND REPAIR ALL DAMAGED SURFACES DUE TO CONSTRUCTION.
 - ALL WALLS ARE UNLESS OTHERWISE NOTED
 - LOCATE DOOR FRAMES 50mm FROM ADJACENT WALL UNLESS NOTED OTHERWISE.
 - WORKS RELATED TO BACKFILL, COMPACTION, SLAB AND FINISH RESTORATION SHALL BE PERFORMED BY THE G.C.
 - SLAB CUTTING AND EXCAVATION WORKS FOR NEW PLUMBING LINES SHALL BE PERFORMED BY PLUMBER.

- PLAN KEY NOTES**
- NOTE: ALL KEYNOTES MAY NOT BE USED
- NEW LINTEL. SEE DETAIL.
 - NEW CERAMIC FLOOR TILES AND BASE AS PER CONSULTANTS.
 - REMOVE AND RE-INSTALL EXISTING DOOR ONLY. REFER PLAN FOR DIRECTION OF DOOR OPENING. EXISTING DOOR FRAMES TO REMAIN. RE USE EXISTING HARDWARE.



GACESA ILOTE ARCHITECTS
TEL: 905-297-0863
B-109 JAMES ST. NORTH, HAMILTON, ONTARIO L8R 9J6

GS

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Interior Renovations to
HDSB Frontenac Elementary School
5140 Pinedale Avenue, Burlington, ON.
L7L 3V4

Dwg. Title:
Demolition & Proposed Floor Plans - Room 114

Drwn: Chkd: SG

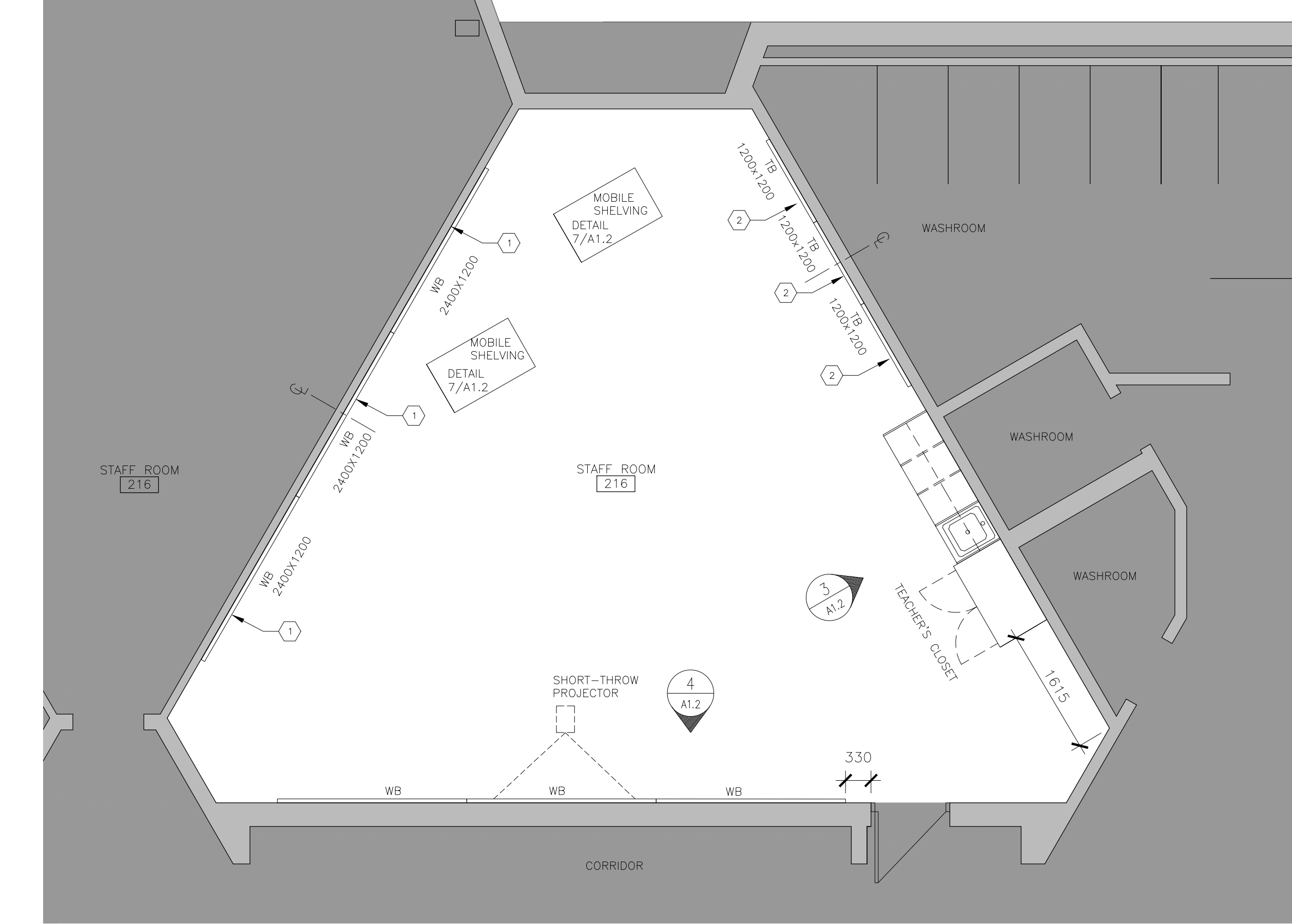
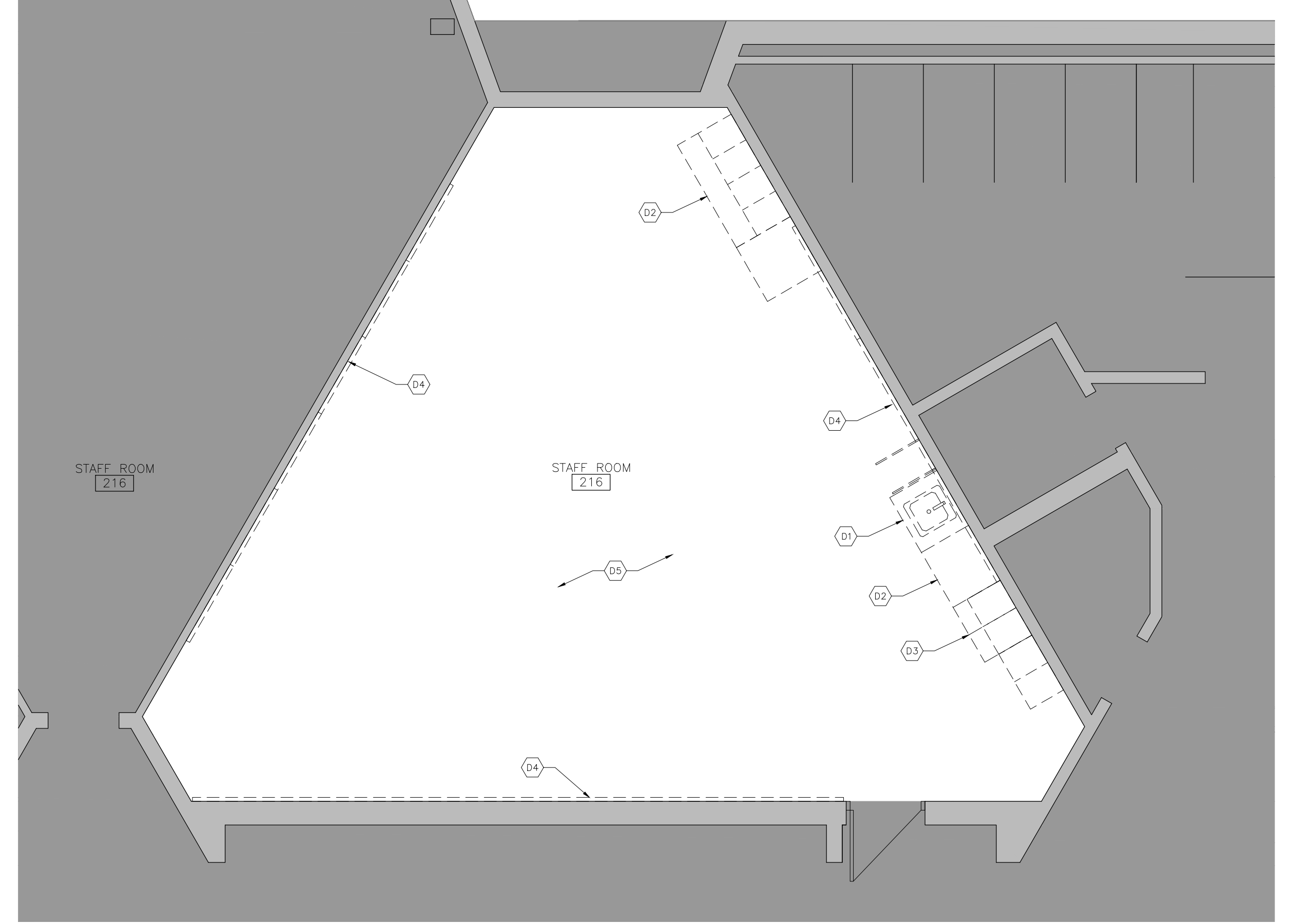
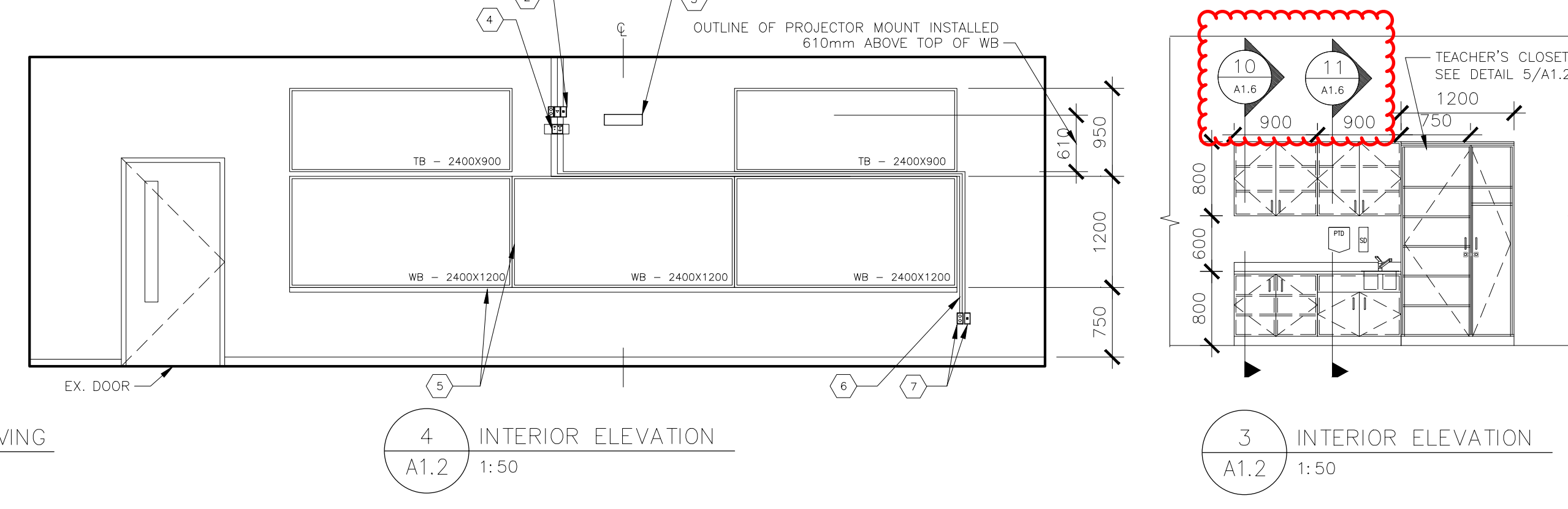
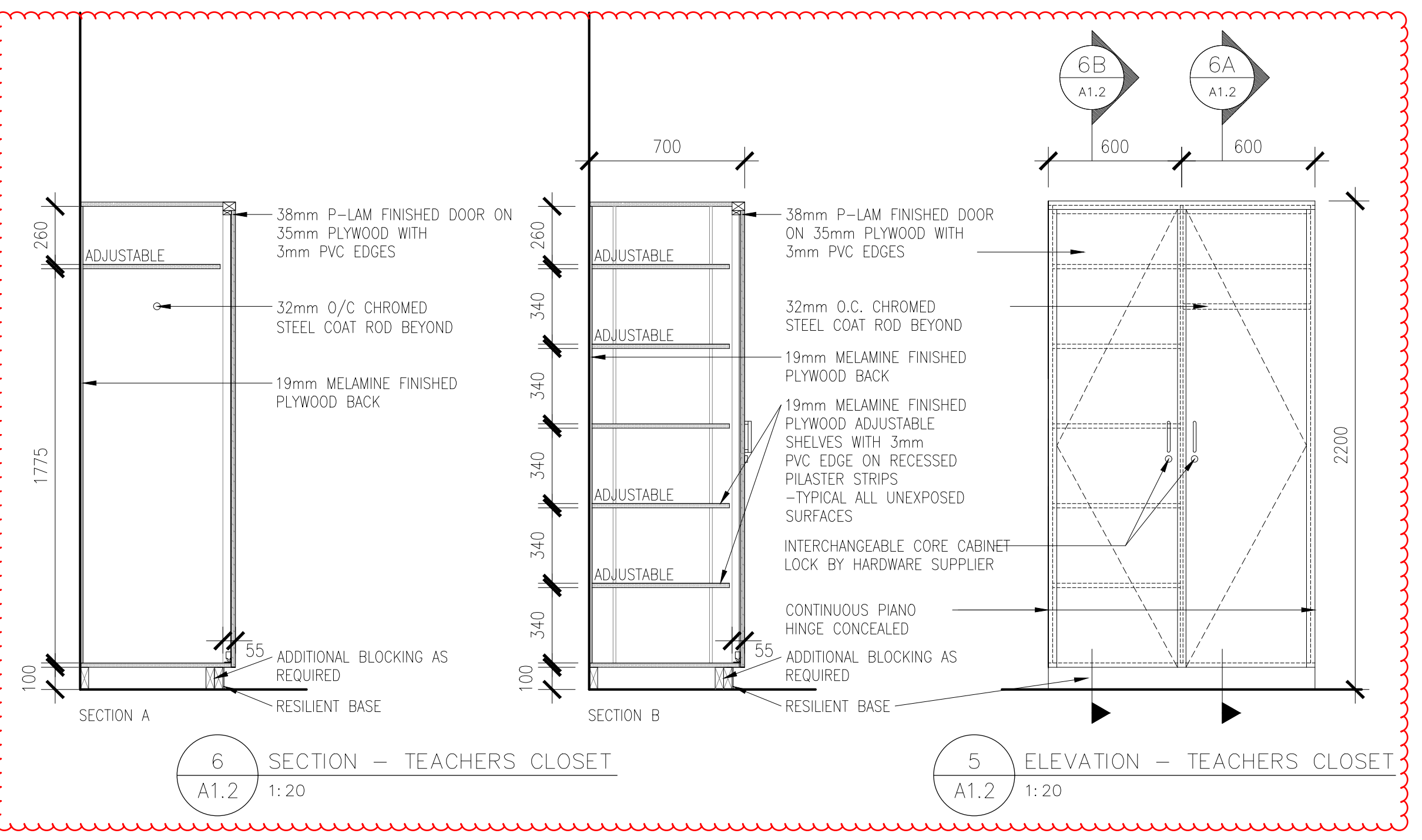
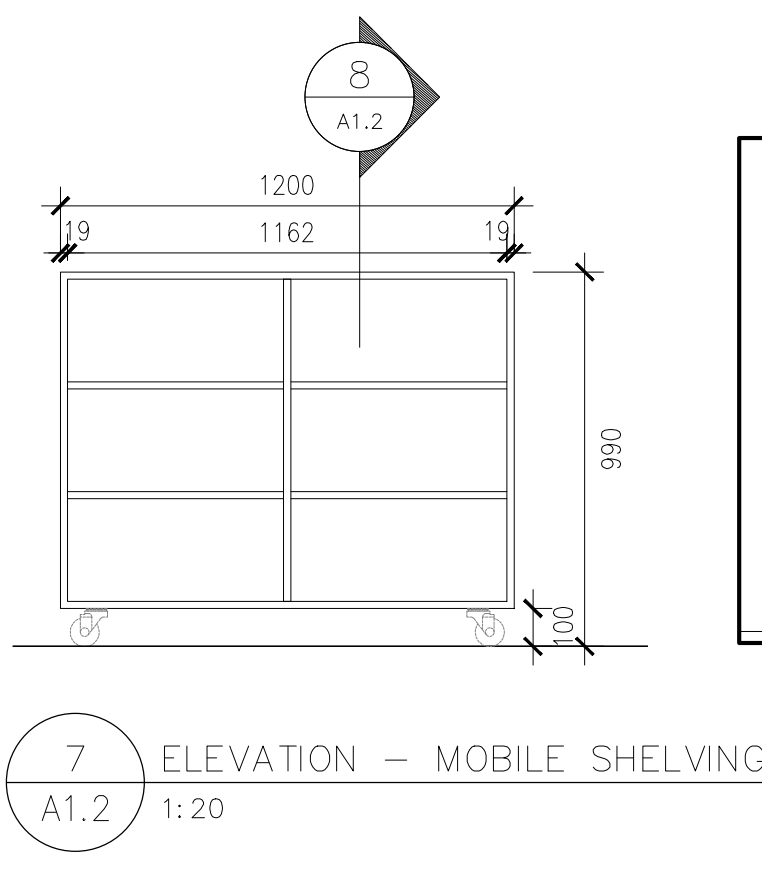
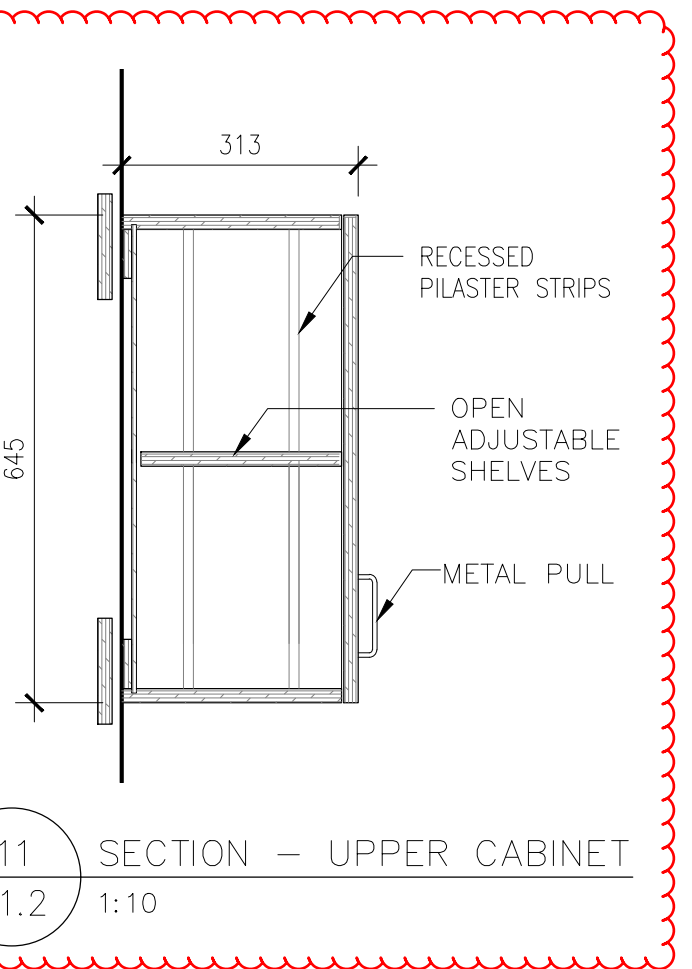
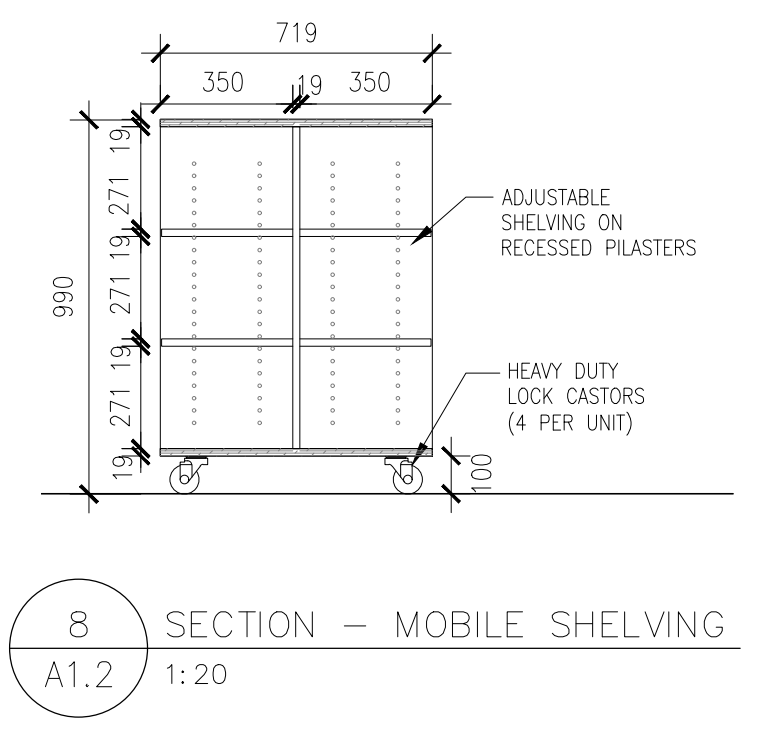
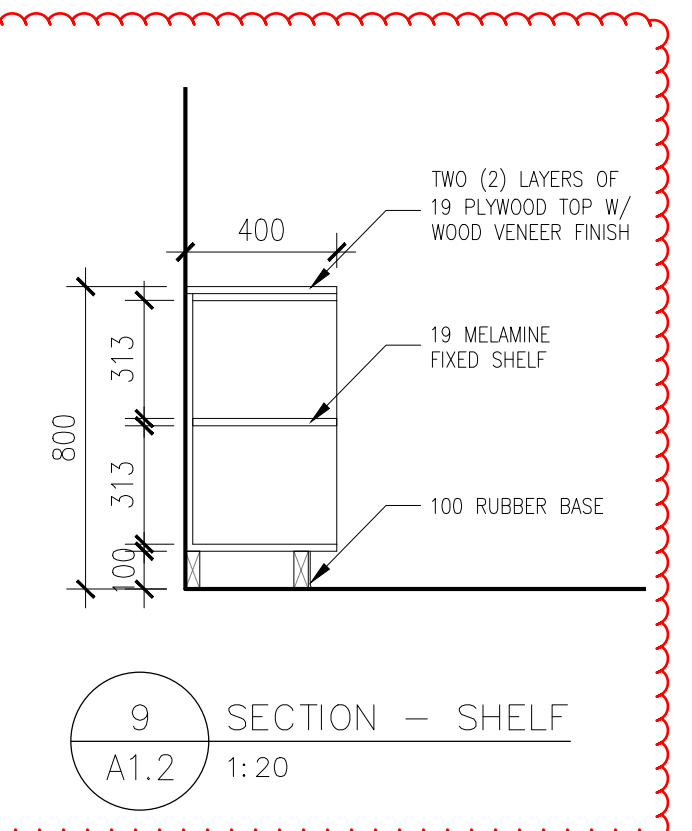
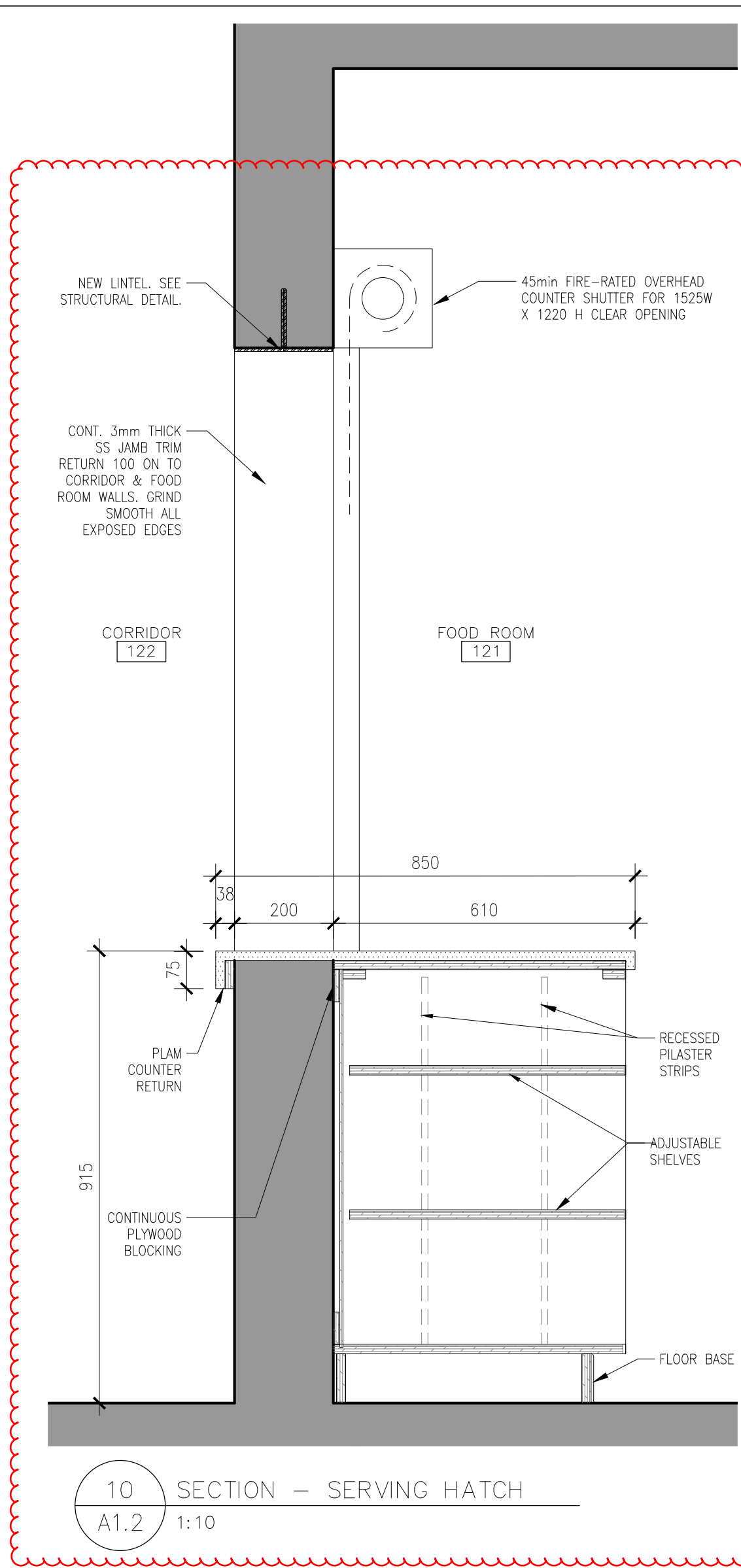
Proj. No.: 26001

Scale: As noted

Date: 2026-05-20

Drawing No.:
A1.1

NOTE: ALL SCOPE IN STAFF ROOM / CLASSROOM 216 TO BE COVERED UNDER SEPARATE PRICE AS IDENTIFIED IN BID FORM



- INTERIOR ELEVATION NOTES**
- NOTE: ALL KEYNOTES MAY NOT BE USED
- LAMINATE 13mm G.B ON EX. WALL
 - POWER & DATA FOR PROJECTOR: POWER & DATA
 - OVERHEAD PROJECTOR (SUPPLIED BY CLIENT, INSTALLED BY CONTRACTOR)
 - HDMI, USB, VGA & 3.5mm AUDIO PORTS.
 - WHITE BOARD & MARKER TRAY
 - WIRE MOLD
 - POWER & DATA FOR INPUT DEVICE: DATA (2) USED (2) BLANK/ POWER QUAD RECEPTACLE.

- DEMOLITION NOTES**
- NOTE: ALL KEYNOTES MAY NOT BE USED
- REMOVE EXISTING SINK, TAPS, CUPBOARDS AND ALL ASSOCIATED ITEMS. COORDINATE WITH PLUMBING.
 - REMOVE EX. MILLWORK. REPAIR THE DAMAGED SURFACES.
 - REMOVE EX. STORAGE CABINET AND HANDOVER TO OWNER.
 - REMOVE EX. WALL MOUNTED TACK BOARDS, WHITE BOARDS ETC. PATCH AND REPAIR THE DAMAGED SURFACES.
 - REMOVE ALL EXISTING FLOOR FINISHES & MAKE GOOD FOR NEW FINISHES

- PLAN NOTES**
- PATCH AND REPAIR ALL DAMAGED SURFACES DUE TO CONSTRUCTION.
 - ALL WALLS ARE (P) UNLESS OTHERWISE NOTED
 - LOCATE DOOR FRAMES 50mm FROM ADJACENT WALL UNLESS NOTED OTHERWISE.

- PLAN KEY NOTES**
- NOTE: ALL KEYNOTES MAY NOT BE USED
- INSTALL WHITE BOARDS (WB) WITH MOUNTING HEIGHT AT 850MM FROM FINISH FLOOR LEVEL.
 - INSTALL TACK BOARDS (TB) WITH MOUNTING HEIGHT AT 850MM FROM FINISH FLOOR LEVEL.

PLAN LEGEND

	EXISTING
	DEMOLITION
	NEW CONSTRUCTION
	NEW WALL
	EXISTING DOOR TO REMAIN
	NEW DOOR
	EXTENT OF WALL TILE. REFER TO INTERIOR ELEVATIONS FOR HEIGHTS
	FLOOR DRAIN
	PB PUSH BUTTON FOR AUTOMATIC DOOR OPENER
	DEMOLITION
LVP-1	FLOORING LUXURY VINYL PLANK
PB	PUSH BUTTON
M1	MIRROR
TPD	TOILET PAPER DISPENSER
HD	ELECTRIC HAND DRYER
ND	NAPKIN DISPENSER
GB-1	HORIZONTAL GRAB BAR
GB-2	VERTICAL GRAB BAR
ADT	ADULT TABLE
GB	GARBAGE BIN
FD	FLOOR DRAIN
CT	CEREMIC FLOOR TILE
PTD	PAPER TOWEL DISPENSOR
WB	WHITE BOARD
TB	TACK BOARD



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NOTE: DRAWINGS ARE NOT TO BE SCALED.

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01	2026-02-02	Issued for Client Review

**Interior Renovations to
HDSB Frontenac
Elementary School**
5140 Pinedale Avenue, Burlington, ON.
L7L 3V4

Dwg. Title: **Demolition & Proposed Second Floor Plans**

Drwn: Chkd: SG

Proj. No.: 26001

Scale: As noted

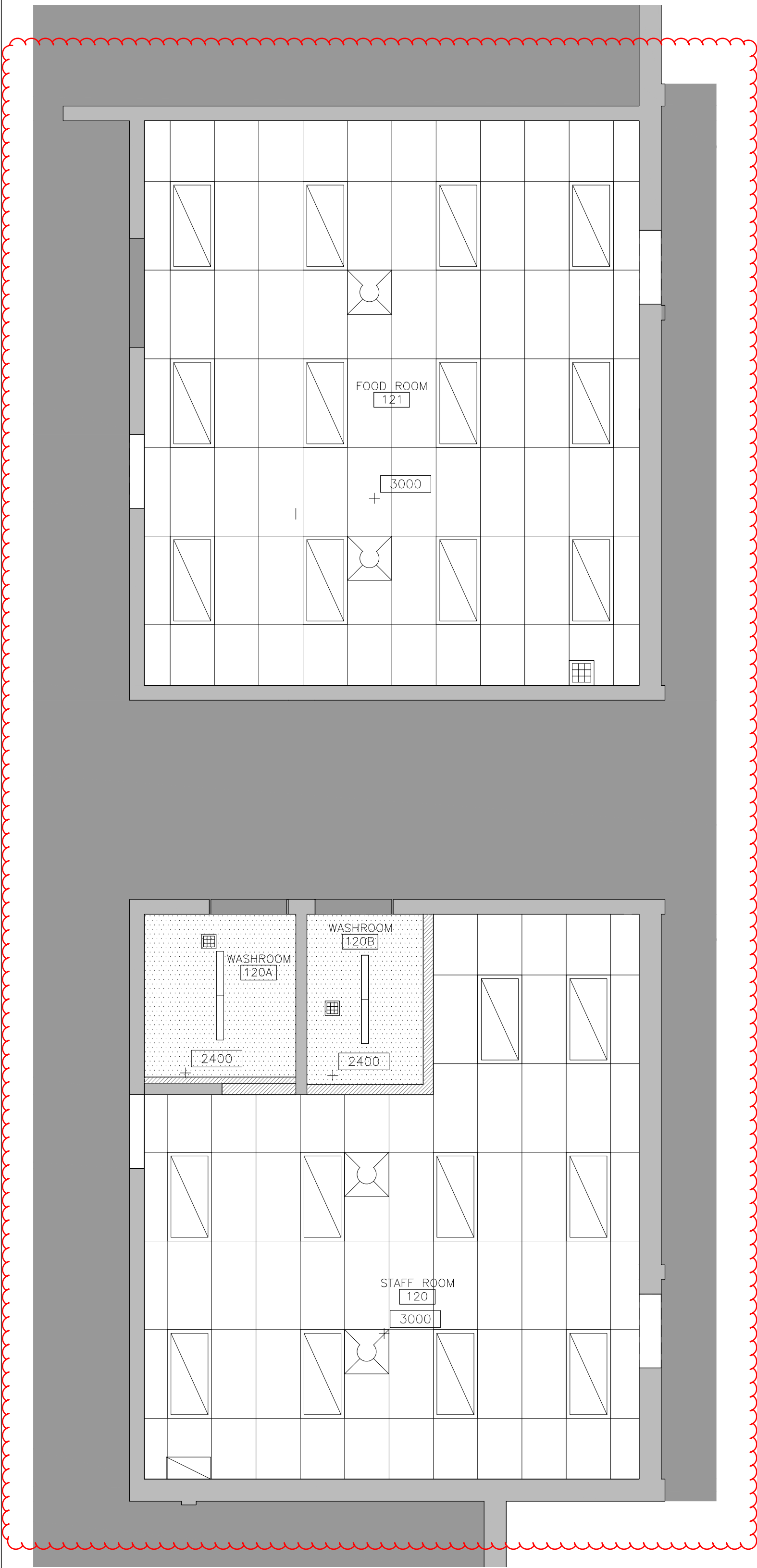
Date: 2026-05-20

Drawing No.: **A1.2**

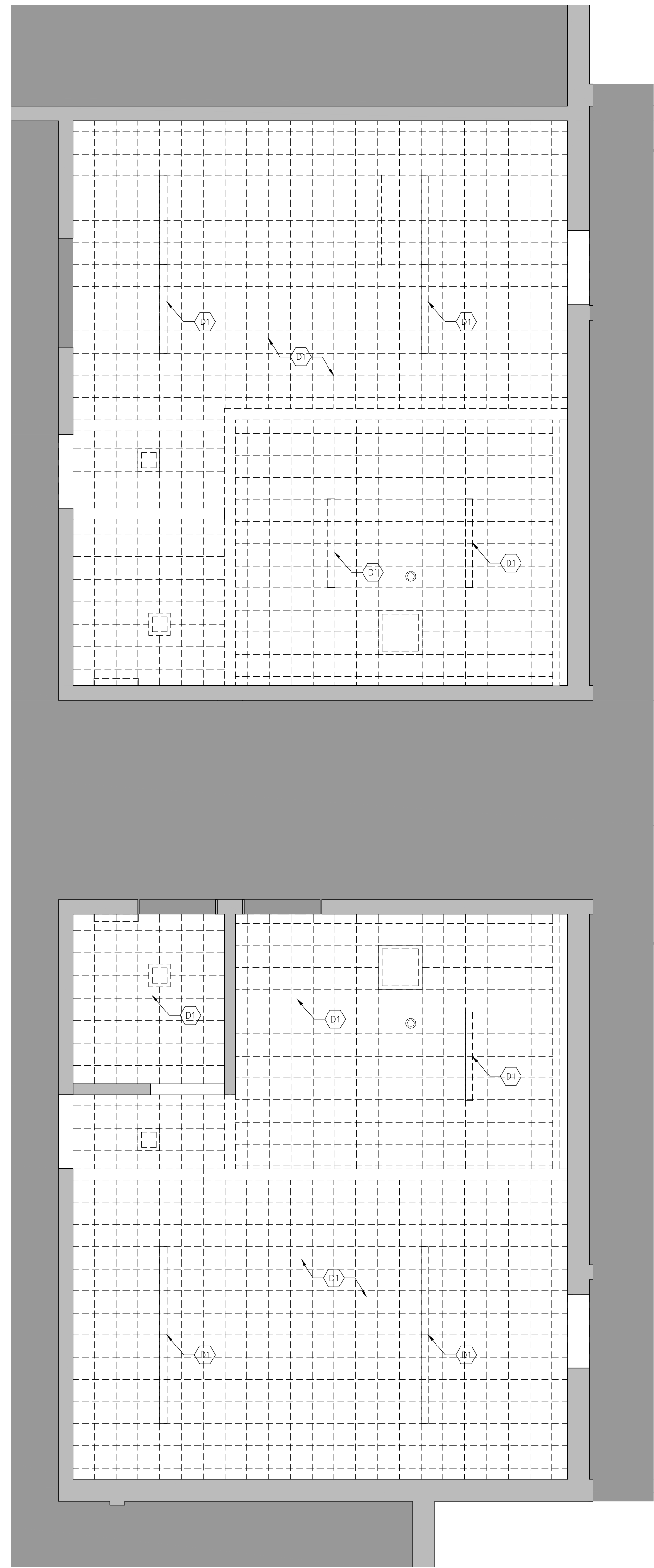
2 PROPOSED PLAN
A1.2 1:50

1 DEMOLITION PLAN
A1.2 1:50

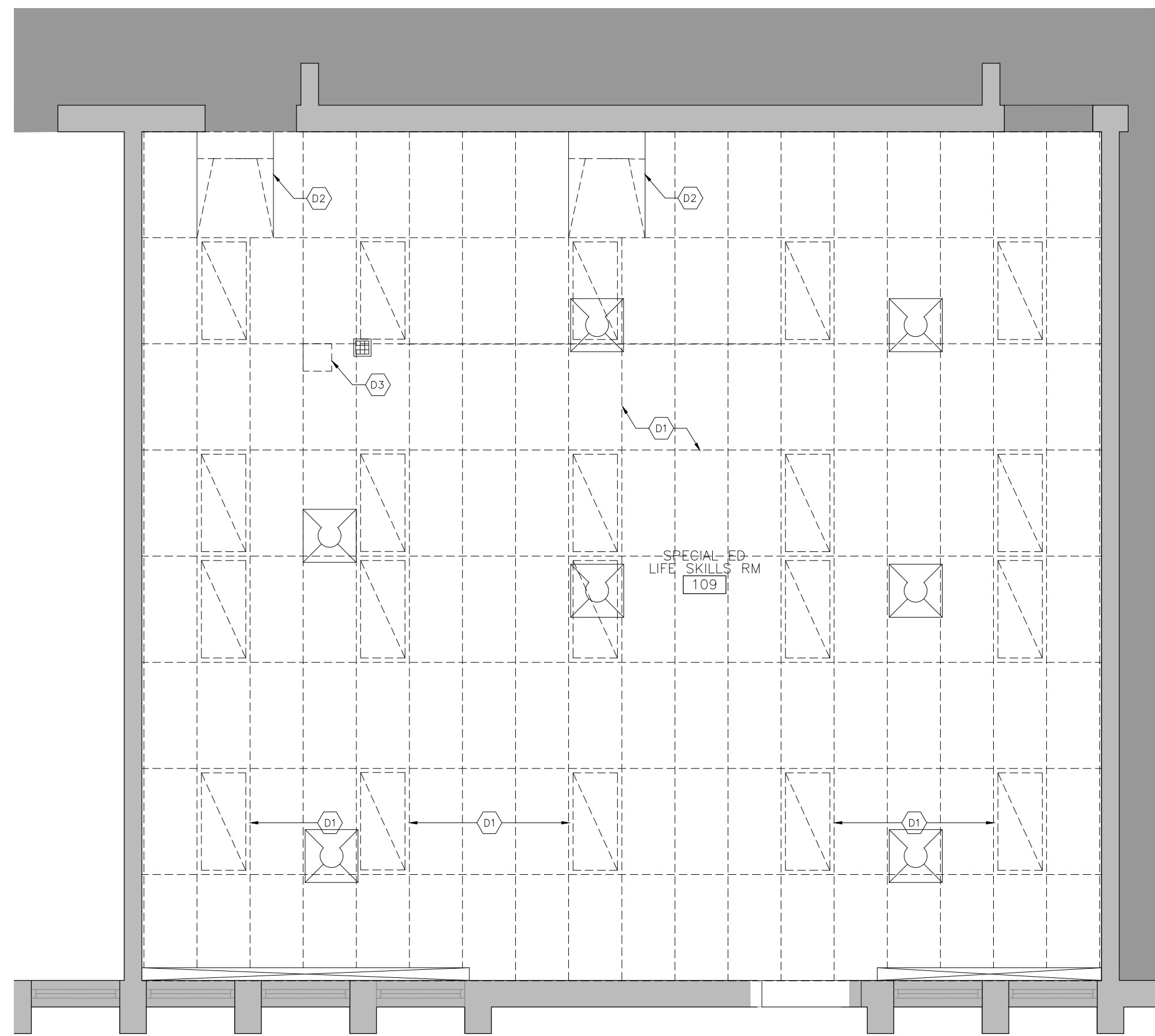
NOTE: ALL SCOPE RELATED TO STAFF ROOM 120, FOOD ROOM 121 AND STAFF ROOM / CLASSROOM 216 TO BE COVERED UNDER SEPARATE PRICE AS IDENTIFIED IN BID FORM



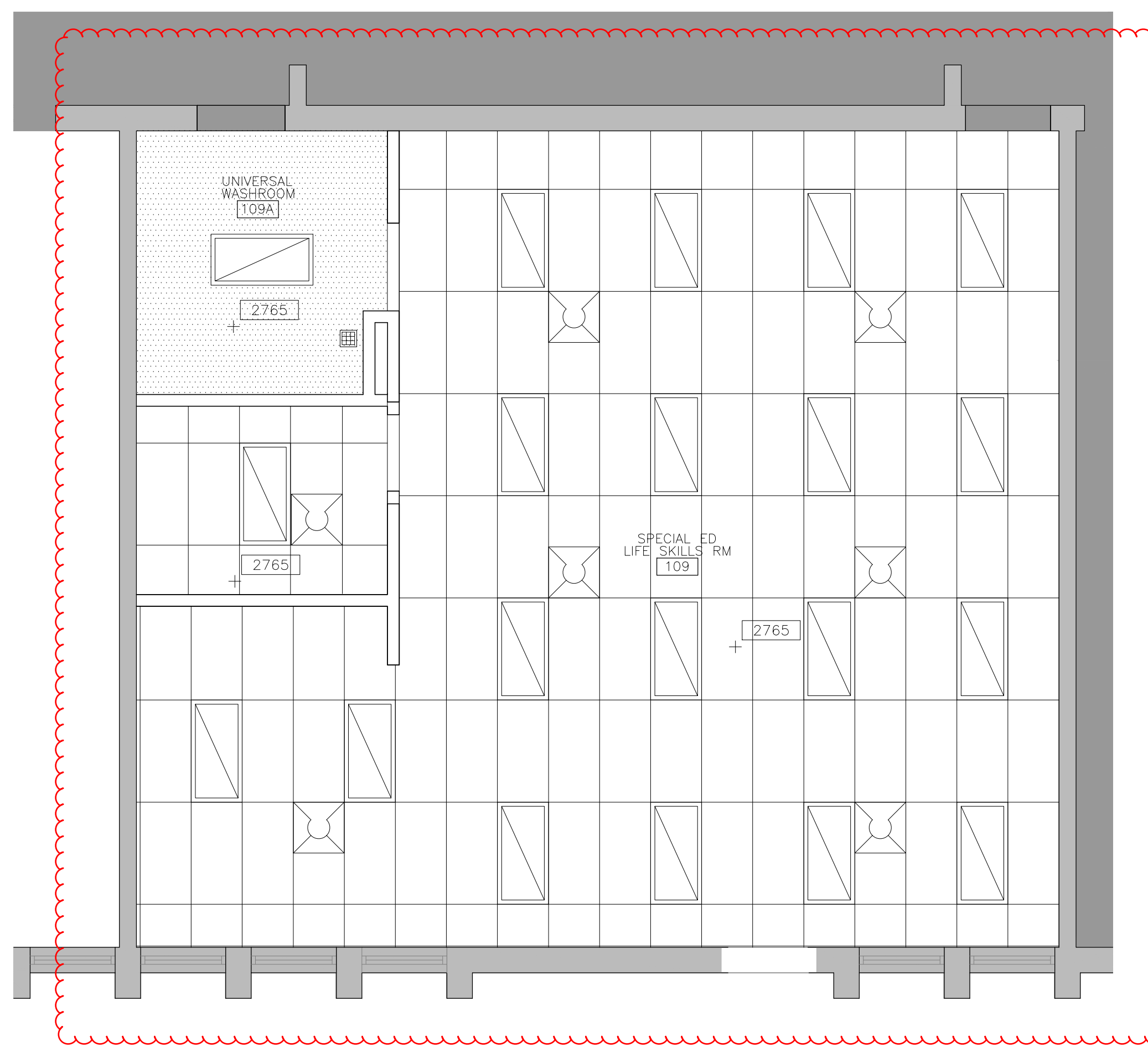
4 PROPOSED – REFLECTED CEILING PLAN
A1.3 1:50



3 DEMOLITION – REFLECTED CEILING PLAN
A1.3 1:50



1 DEMOLITION – REFLECTED CEILING PLAN
A1.3 1:50



2 PROPOSED REFLECTED CEILING PLAN
A1.3 1:50

DEMOLITION NOTES

NOTE: ALL KEYNOTES MAY NOT BE USED

- D1 REMOVE EXISTING CEILING TILES, CEILING GRIDS, LIGHT FIXTURES AND ALL ASSOCIATED ITEMS. COORDINATE WITH ELECTRICAL.
- D2 REMOVE EXISTING MECHANICAL EQUIPMENTS, ITEMS ON CEILING. COORDINATE WITH MECHANICAL. INSTALL NEW CEILING TO MATCH WITH ADJACENT CEILING.
- D3 REMOVE EX. MECHANICAL ITEMS. COORDINATE WITH MECHANICAL.
- D4

PLAN NOTES

1. PATCH AND REPAIR ALL DAMAGED SURFACES DUE TO CONSTRUCTION.
2. ALL WALLS ARE UNLESS OTHERWISE NOTED
3. LOCATE DOOR FRAMES 50mm FROM ADJACENT WALL UNLESS NOTED OTHERWISE.

PLAN KEY NOTES

NOTE: ALL KEYNOTES MAY NOT BE USED

1

RCP LEGEND

- [Dashed Grid] SCOPE OF DEMOLITION
- [Solid Grid] 610x1220 ACT CEILING
- [Stippled Area] GYPSUM BOARD CEILING
- [Solid Area] EXISTING TO REMAIN INCLUDING FIXTURES, UNO
- [+ 000000] ELEVATION TAG

LIGHTING LEGEND

- [Rectangular Symbol] 610x1220 RECESSED LED
- [Long Thin Symbol] 100x610 RECESSED LED
- [Thin Line] WALL SCONCE – LINEAR
- [Circle with Dot] DECORATIVE PENDANT
- [Square with Dot] 610x610 RECESSED LED
- [Circle with X] SURFACE MOUNTED LIGHT
- [Circle] POT LIGHT
- [Circle with V] WALL WASHER POTLIGHT

MECHANICAL LEGEND

- [Square with X] EX. DIFFUSER
- [Square with Grid] SUPPLY REGISTER
- [Square with Diagonal] RETURN AIR GRILLE
- [Square with Grid] EXIST. RETURN AIR GRILLE
- [Square with Grid] EXHAUST FAN
- [Square with X] 600x600 DIFFUSER
- [Square with Grid] NEW SOFFIT VENT FROM WASHROOM
- [Long Thin Symbol] 300x1220 LINEAR DIFFUSER
- [Circle with X] CURLICUE CABLE
- [Thin Line] HOSE BIB
- [Trapezoid] GAS OUTLET/VALVE

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B - 109 JAMES ST. NORTH, HAMILTON, ONTARIO L8R 2K6

GS

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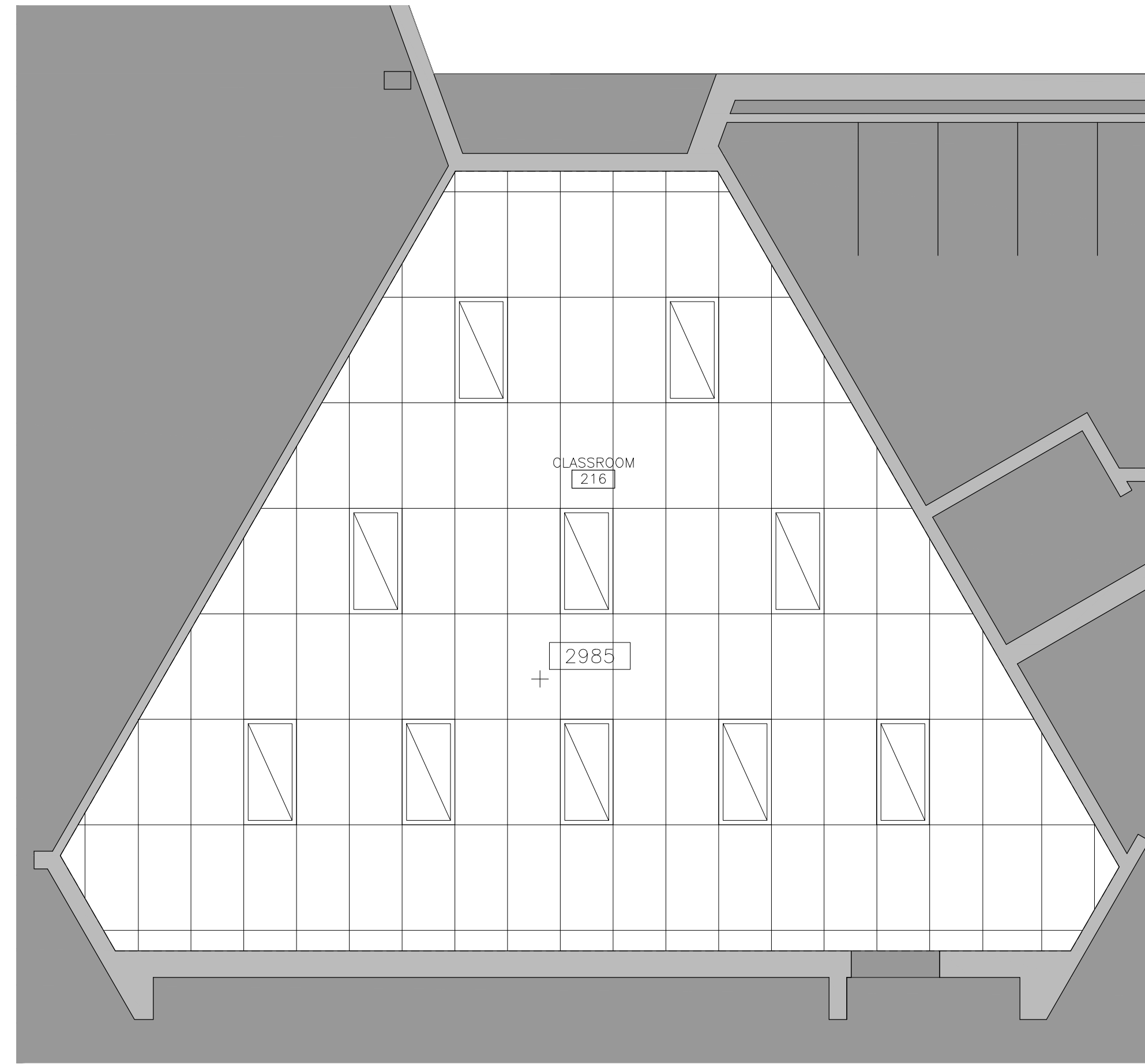
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Interior Renovations to
HDSB Frontenac Elementary School
5140 Pinedale Avenue, Burlington, ON.
L7L 3V4

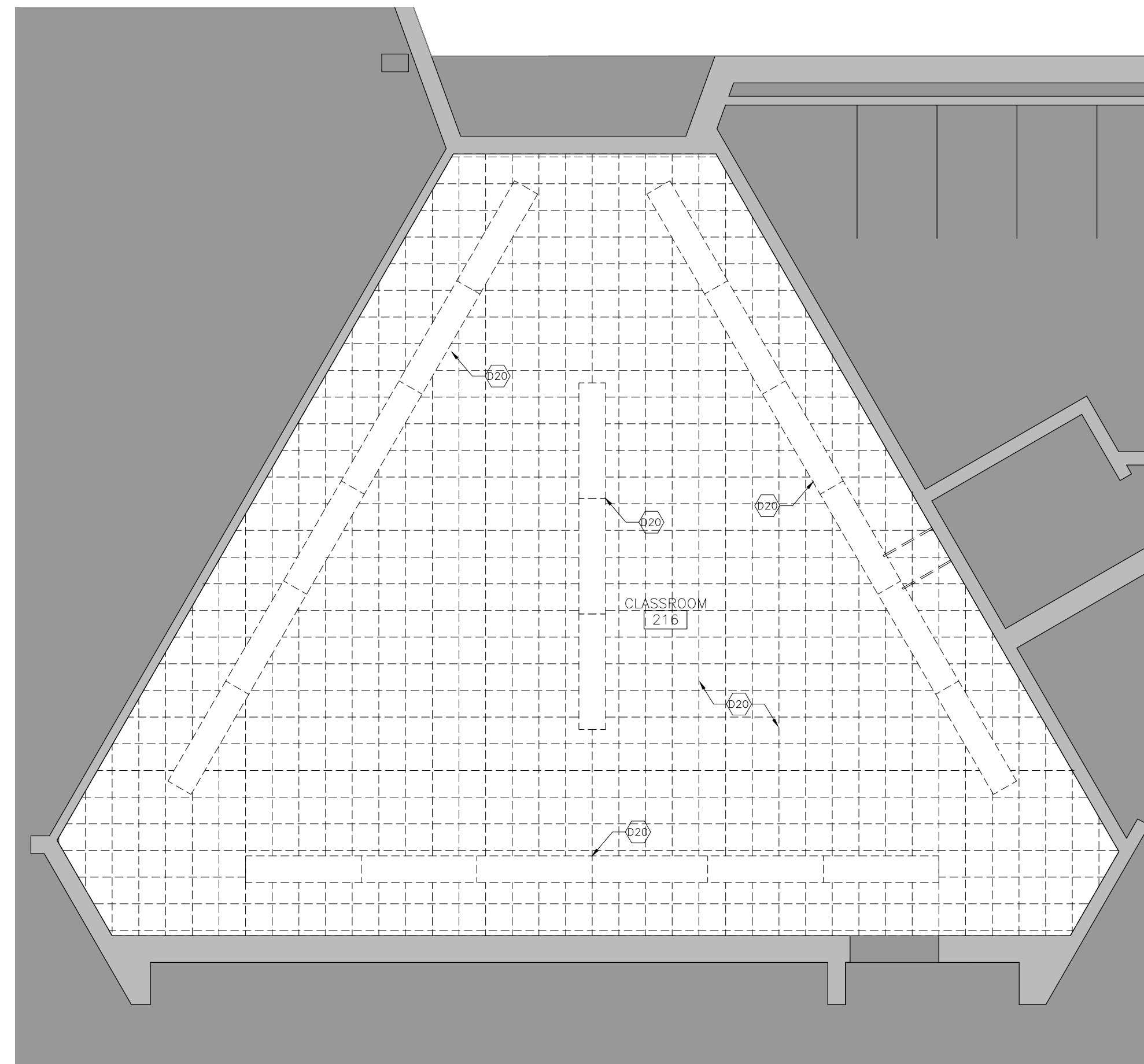
Dwg. Title:
Demolition & Proposed RCP

Drwn: Chkd: SG
Proj. No.: 26001
Scale: As noted
Date: 2026-05-20

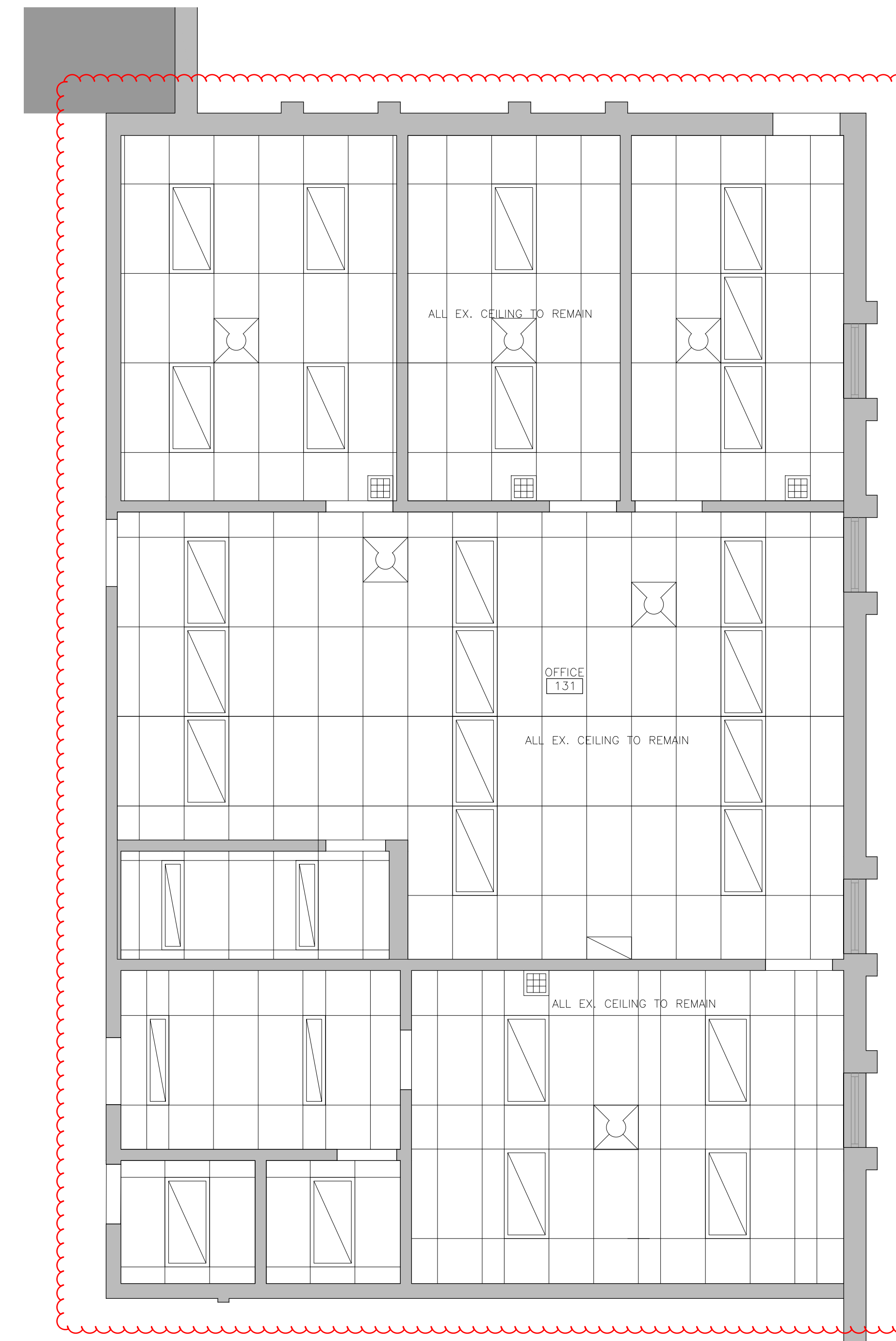
Drawing No.:
A1.3



3 PROPOSED REFLECTED CEILING PLAN
A1.4 1:50



2 DEMOLITION - REFLECTED CEILING PLAN
A1.4 1:50



1 OFFICE 131 - REFLECTED CEILING PLAN
A1.4 1:50

NOTE: ALL SCOPE RELATED TO STAFF ROOM 120, FOOD ROOM 121 AND STAFF ROOM / CLASSROOM 216 TO BE COVERED UNDER SEPARATE PRICE AS IDENTIFIED IN BID FORM

DEMOLITION NOTES

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D1 REMOVE EXISTING CEILING TILES, CEILING GRIDS, LIGHT FIXTURES AND ALL ASSOCIATED ITEMS. COORDINATE WITH ELECTRICAL.

D2 REMOVE EXISTING MECHANICAL EQUIPMENTS, ITEMS ON CEILING. COORDINATE WITH MECHANICAL.

D3 XXXX

D4 XXXX

PLAN NOTES

1. PATCH AND REPAIR ALL DAMAGED SURFACES DUE TO CONSTRUCTION.

2. ALL WALLS ARE UNLESS OTHERWISE NOTED

3. LOCATE DOOR FRAMES 50mm FROM ADJACENT WALL UNLESS NOTED OTHERWISE.

PLAN KEY NOTES

NOTE: ALL KEYNOTES MAY NOT BE USED

1 XXXX

2 XXXX

RCP LEGEND

SCOPE OF DEMOLITION

610x1220 ACT CEILING

GYPSUM BOARD CEILING

EXISTING TO REMAIN INCLUDING FIXTURES, UNO

ELEVATION TAG

LIGHTING LEGEND

610x1220 RECESSED LED

100x610 RECESSED LED

WALL SCONCE - LINEAR

DECORATIVE PENDANT

610x610 RECESSED LED

SURFACE MOUNTED LIGHT

POT LIGHT

WALL WASHER POTLIGHT

MECHANICAL LEGEND

EX. DIFFUSER

SUPPLY REGISTER

RETURN AIR GRILLE

EXIST. RETURN AIR GRILLE

EXHAUST FAN

600X1200 DIFFUSER

NEW SOFFIT VENT FROM WASHROOM

300x1220 LINEAR DIFFUSER

CURLICUE CABLE

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Interior Renovations to
HDSB Frontenac Elementary School
5140 Pinedale Avenue, Burlington, ON.
L7L 3V4

Dwg. Title:
RCP Office 131 & Second floor 216

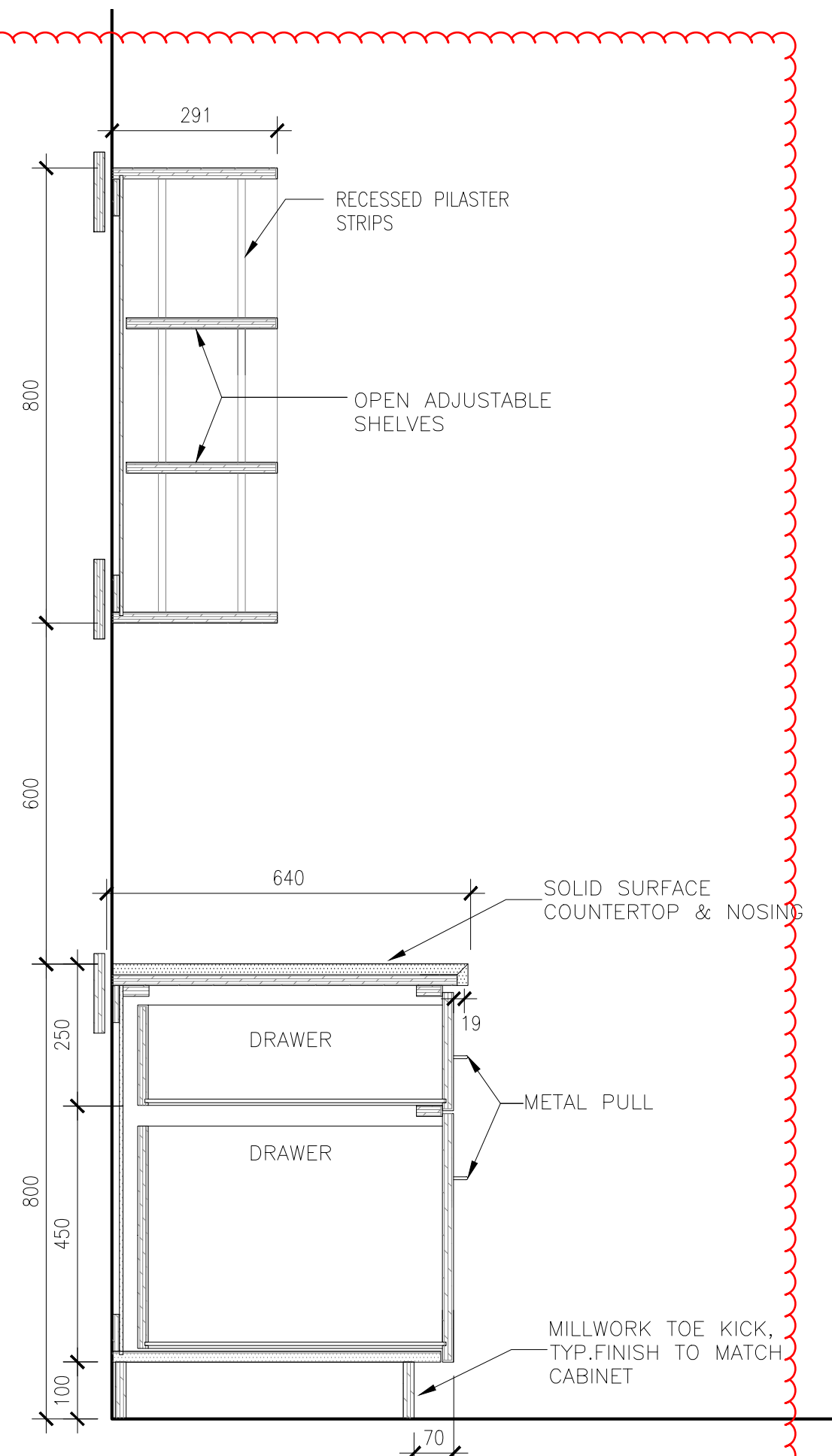
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Proj. No.: 26001

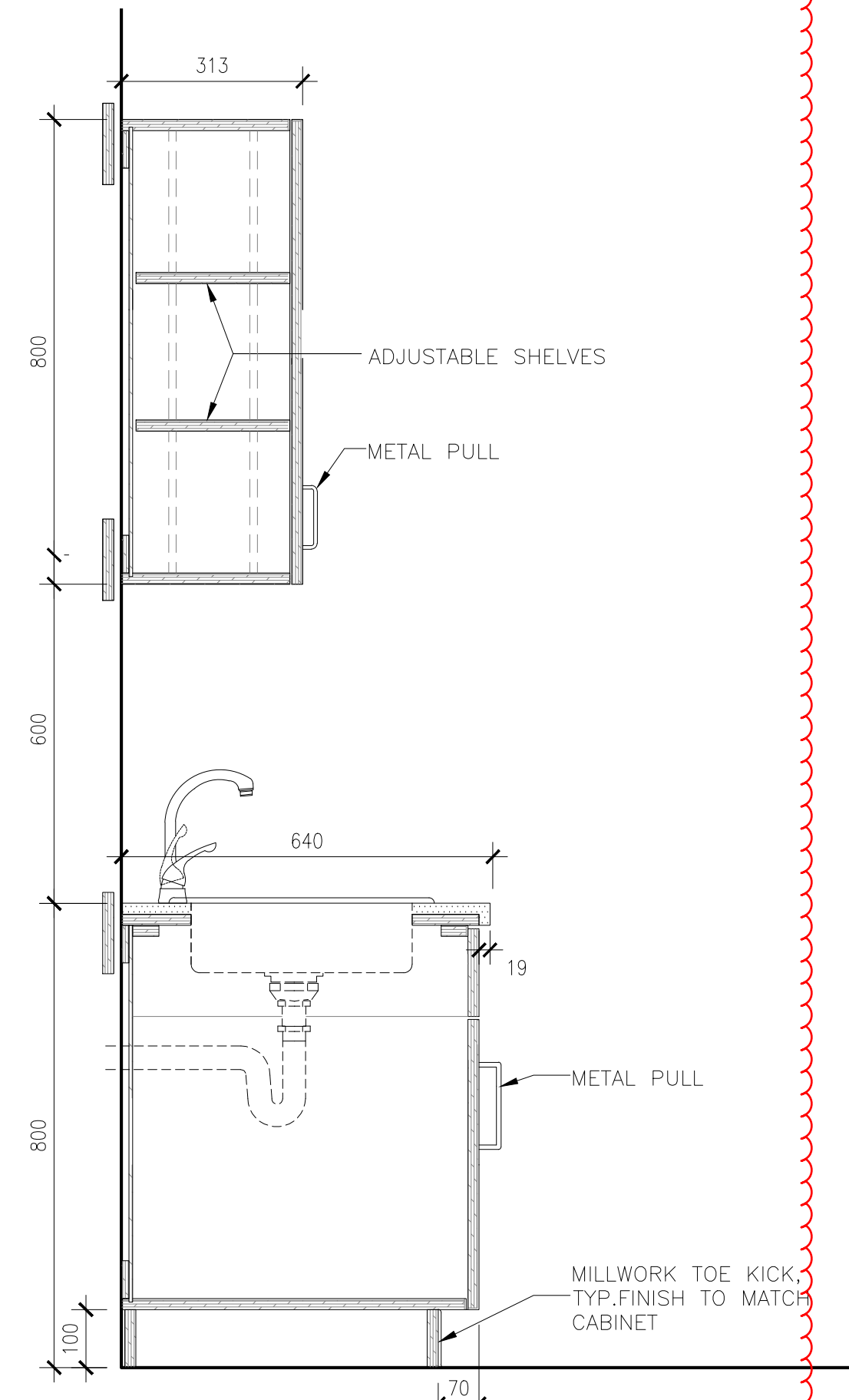
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Date: 2026-05-20

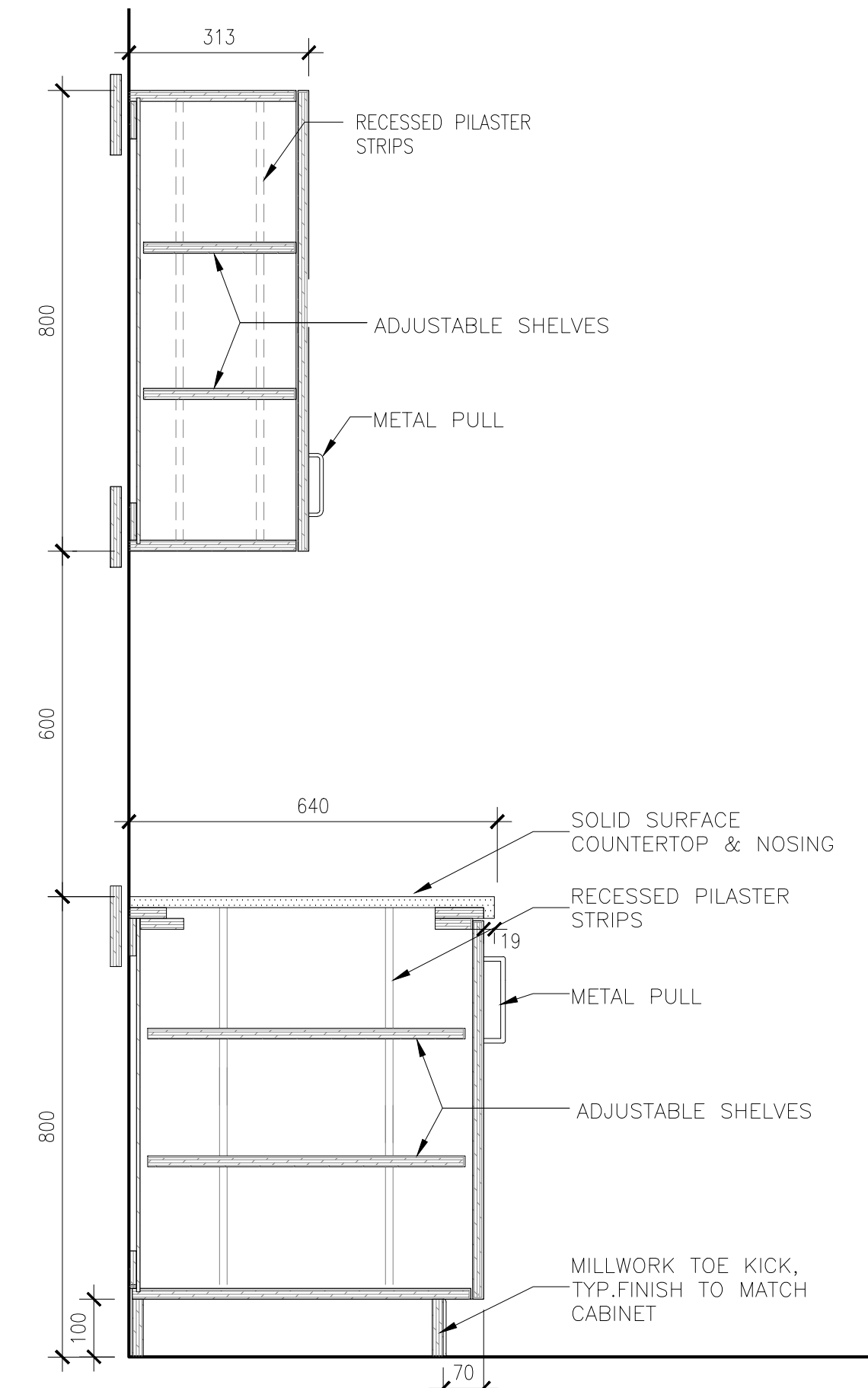
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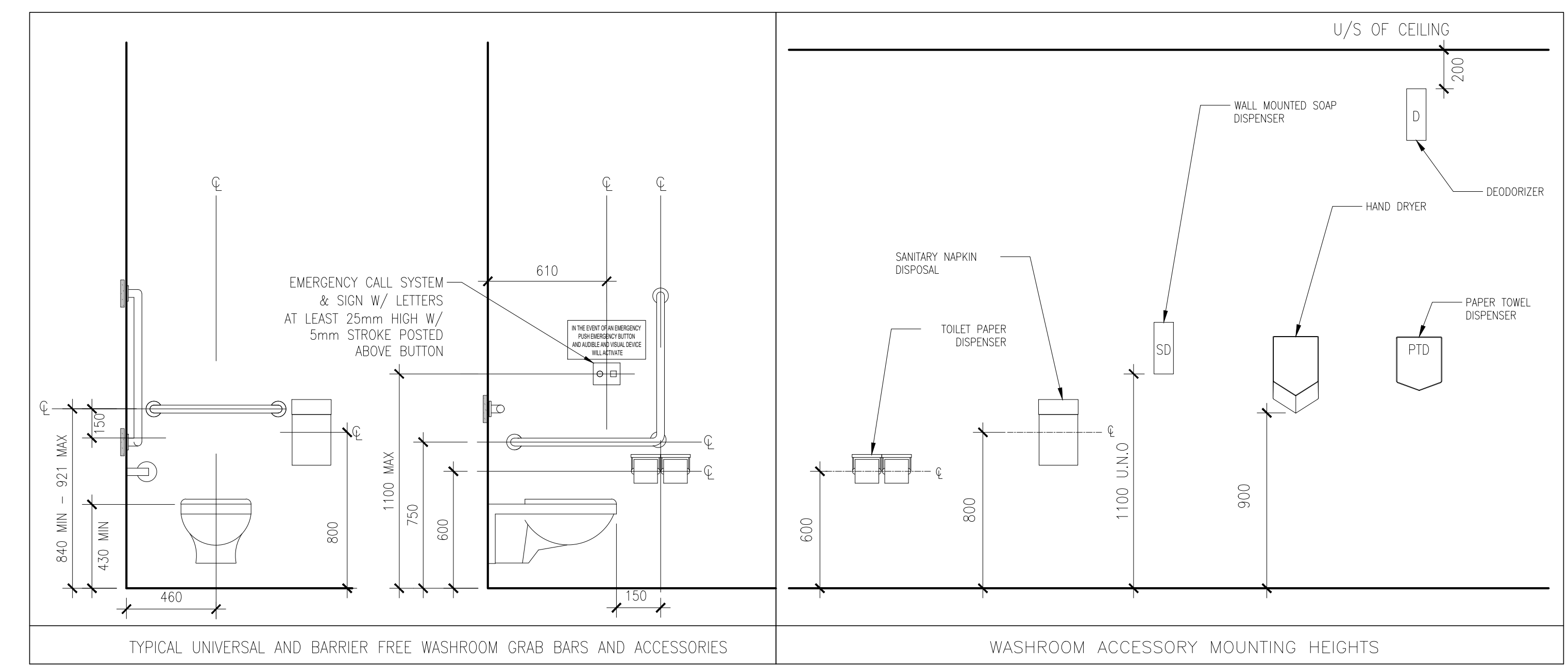
12 MILLWORK SECTION - KITCHEN
A1.6 1:20



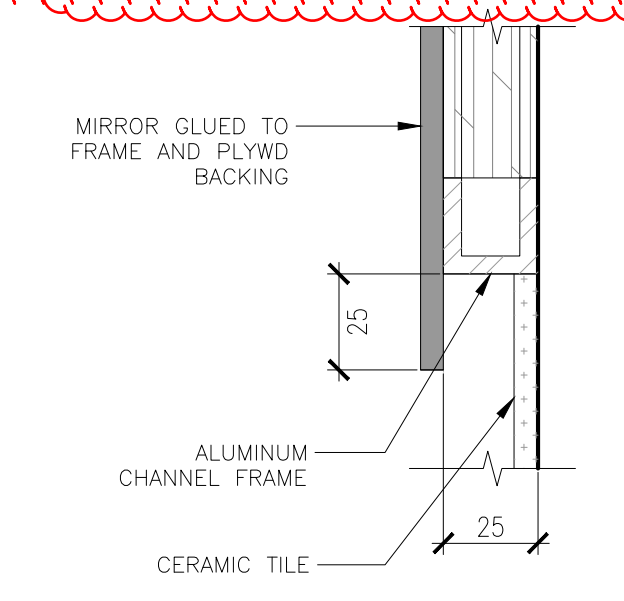
11 MILLWORK SECTION - KITCHEN
A1.6 1:20



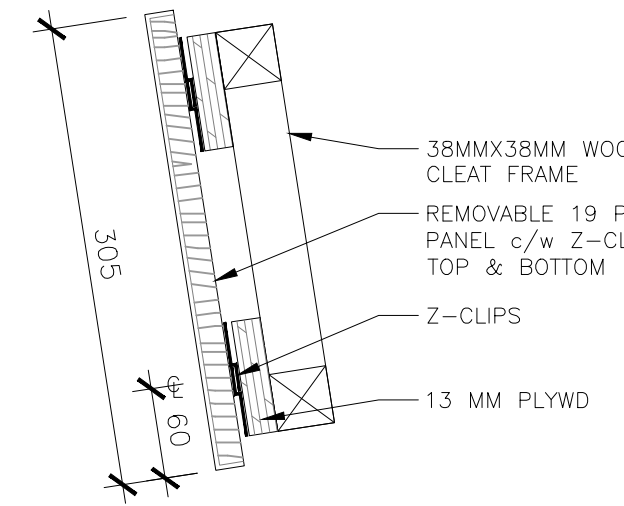
10 MILLWORK SECTION - KITCHEN
A1.6 1:20



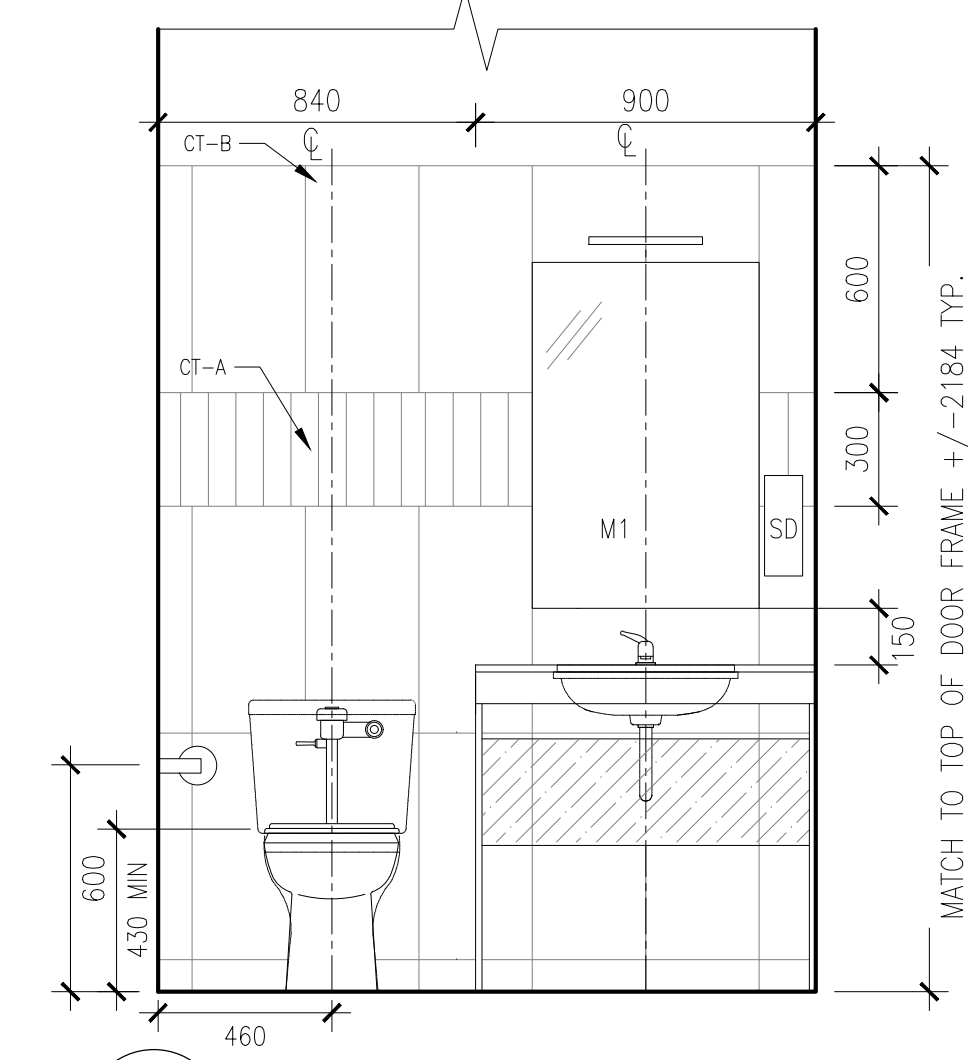
7 TYPICAL UNIVERSAL WASHROOM ELEVATIONS, FIXTURES & ACCESSORIES
A1.6 1:20



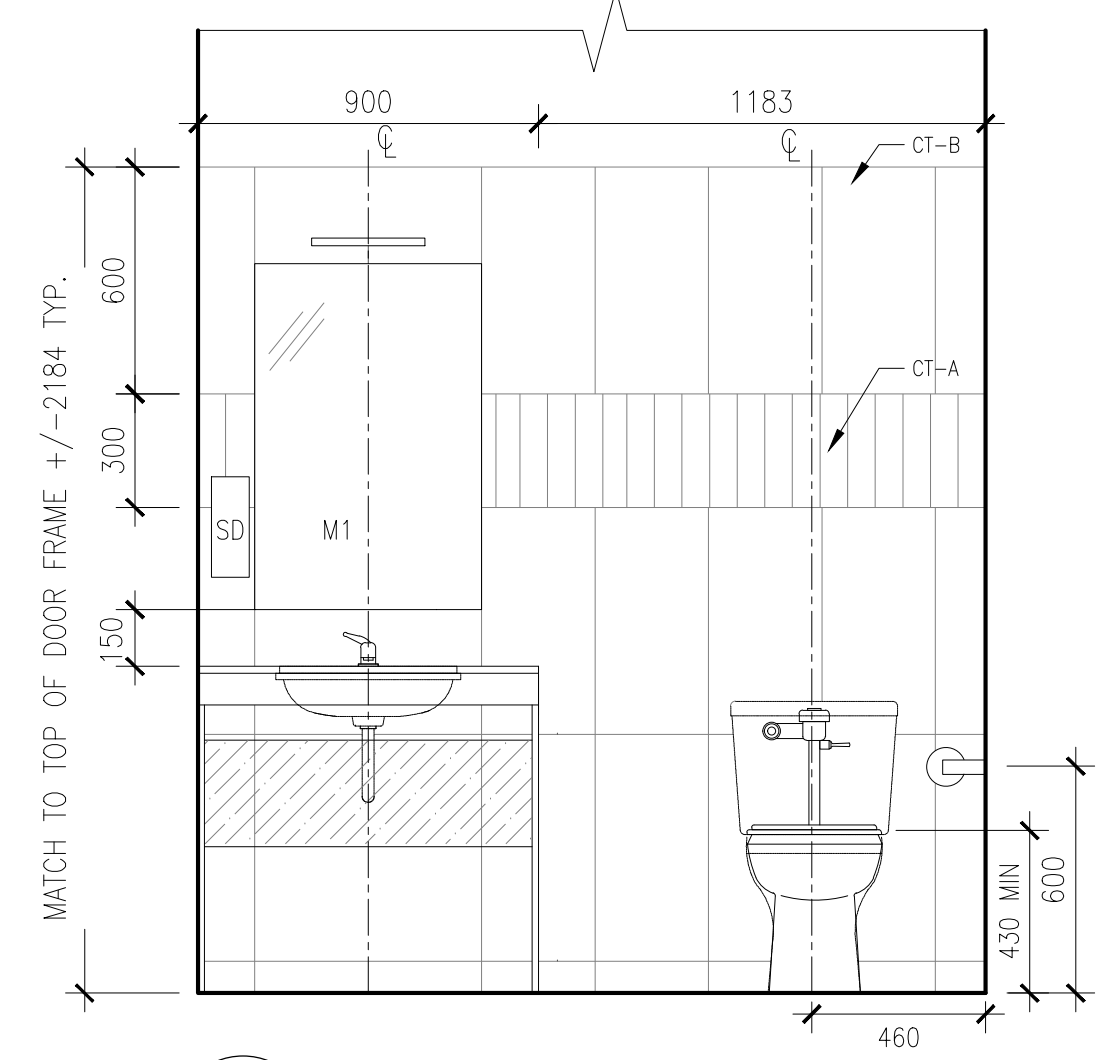
6 MIRROR DETAIL
A1.6 1:2



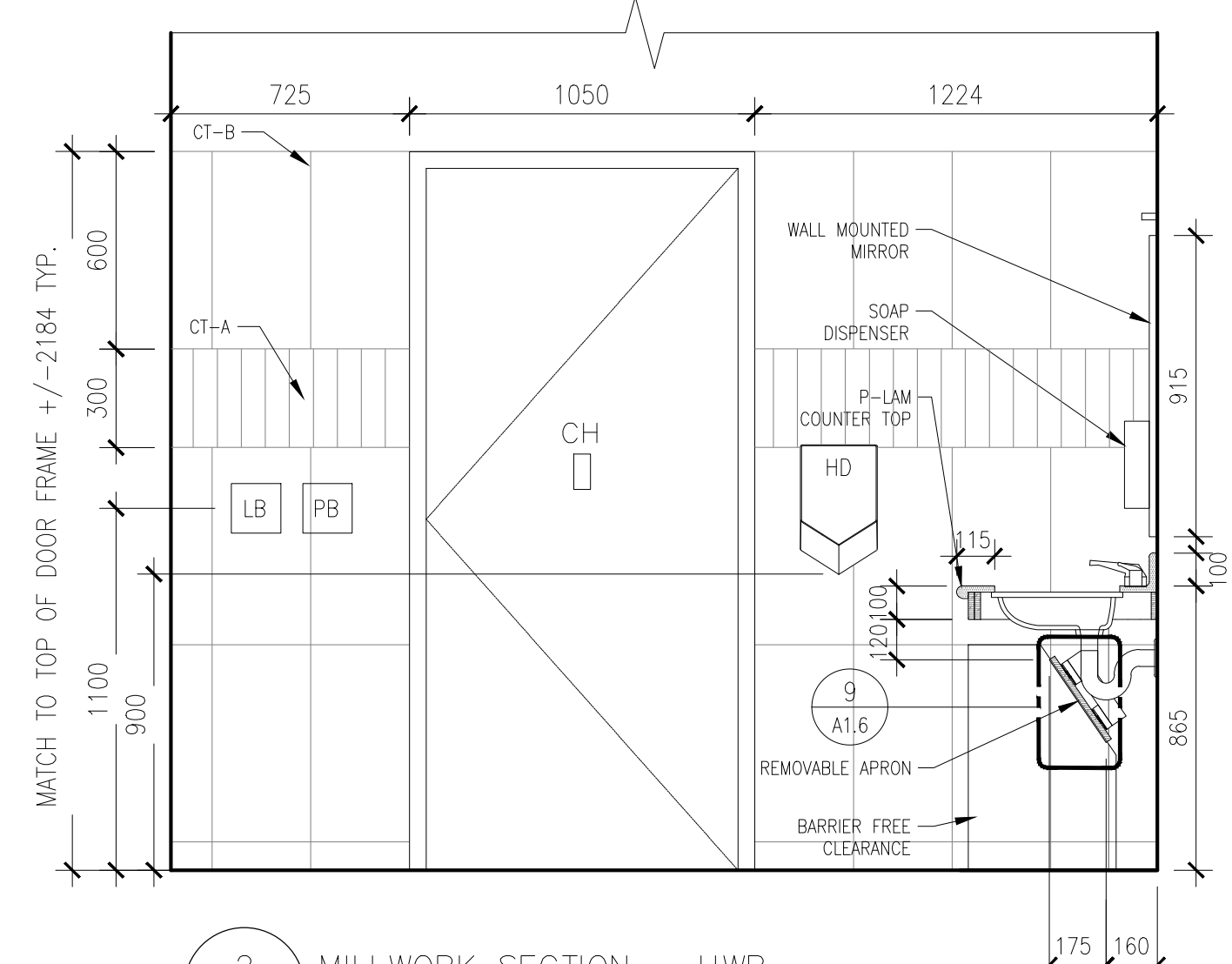
5 MIRROR DETAIL
A1.6 1:2



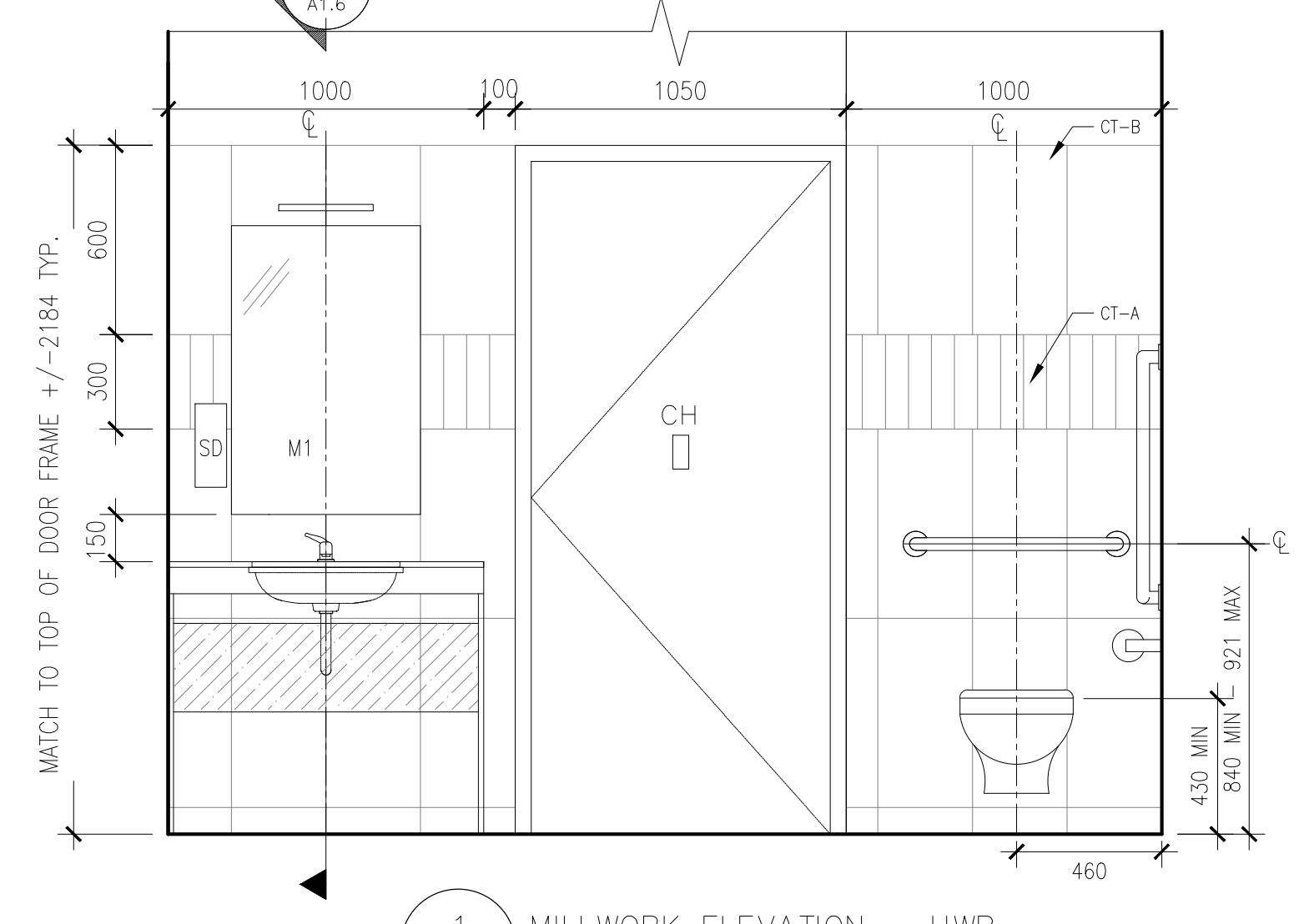
4 MILLWORK ELEVATION - WR
A1.6 1:20



3 MILLWORK ELEVATION - WR
A1.6 1:20



2 MILLWORK SECTION - UWR
A1.6 1:20



1 MILLWORK ELEVATION - UWR
A1.6 1:20

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Interior Renovations to
HDSB Frontenac Elementary School
5140 Pinedale Avenue, Burlington, ON.
L7L 3V4

Dwg. Title:
Washroom Details & Millwork

Drwn: Chkd: SG
Proj. No.: 26001
Scale: As noted
Date: 2026-05-20

Drawing No.:
A1.6



ADDENDUM No. 1

PROJECT:	HDSB interior renovations to Frontenac Public School 5140 Pinedale Ave, Burlington	DATE:	June 11 th , 2026
PROJECT #:	26002	FROM:	Pavle Ijadic
TO:	GACESA SLOTE Architects	ATTENTION:	Stevan Gacesa, Rasika Senarathna

1. Electrical

- 1.1 Refer to revised Electrical Drawing E1.1 Rev.D
 - Revised specifications section 'H – Wiring Devices'.
 - Revised the electrical drawing list.

- 1.2 Refer to revised Electrical Drawing E1.3 Rev.D
 - Revised the equipment schedule.
 - Revised control device schedule.

- 1.3 Refer to revised Electrical Drawing E1.4 Rev.D
 - Revised the schedule of panels 'LP-A', 'DA', 'DB' and 'DC'.

- 1.4 Refer to revised Electrical Drawing E1.5 Rev.A
 - Added new drawing sheet E1.5.

- 1.5 Refer to revised Electrical Drawing 3.1 Rev.D
 - Relocated a light switch.
 - Added drawing keynote 3.

- 1.6 Refer to revised Electrical Drawing 3.2 Rev.D
 - Revised a disconnect switch details.
 - Added exhaust fan 'EF-1' and Digital timer.
 - Added keynote 5.

- 1.7 Refer to revised Electrical Drawing 3.3 Rev.D
 - Added drawing keynote 2.

- 1.8 Refer to revised Electrical Drawing 3.4 Rev.D
 - Relocated the receptacle into the MCP panel.
 - Revised keynote 3.
 - Added keynote 7 and 8.
 - Revised the circuit number of the MCP panel receptacle.
 - Revised the projector receptacle to 20A.
 - Added another receptacle for the projector.
 - Revised the circuit number of the projector receptacles.
 - Changed the circuit number of the exhaust fan 'EF-2'.
 - Connected the 'EF-2' to the lighting circuit.

1.9 Refer to revised Electrical Drawing 3.5 Rev.D

- Added drawing keynote 4.
- Revised a disconnect switch details.

1.10 Refer to revised Electrical Drawing 3.8 Rev.D

- Revised drawing keynote 1.
- Revised the projector receptacle to 20A.
- Added another receptacle for the projector.

END OF ADDENDUM No. 1

ELECTRICAL SPECIFICATIONS

A. GENERAL CONDITIONS

- CONFORM WITH LATEST EDITION OF THE ONTARIO BUILDING CODE (OBC), ONTARIO ELECTRICAL SAFETY CODE (OESC), CANADIAN STANDARDS ASSOCIATION (CSA), UNDERWRITERS LABORATORIES OF CANADA (ULC) AND LOCAL BY-LAWS AND AUTHORITIES HAVING JURISDICTION.
- MATERIALS & EQUIPMENT SHALL CARRY APPROVAL AND CONFORM WITH CSA OR ULC STANDARDS. INSTALLATION SHALL COMPLY WITH ALL RULES AND REGULATIONS REGARDING MATERIALS AND WORKMANSHIP CONFORMING TO CSA, OESC, OBC AND LOCAL AUTHORITIES HAVING JURISDICTION.
- VISIT JOB SITE PRIOR TO SUBMITTING TENDER AND EXAMINE ALL EXISTING CONDITIONS WHICH AFFECT THE WORK. NO EXTRAS WILL BE ALLOWED FOR FAILURE TO DO SO.
- SUPPLY AND INSTALL COMPLETE ELECTRICAL SYSTEMS AS SHOWN AND/OR SPECIFIED HEREIN. DRAWINGS SHALL BE USED FOR ROUTING PURPOSES ONLY, DO NOT SCALE DRAWINGS. PROVIDE ALL NECESSARY MATERIAL AND LABOUR ETC. TO PROVIDE COMPLETE SYSTEMS.
- FURNISH ALL REQUIRED LABOUR AND MATERIALS, MACHINERY, AND TOOLS, WITH ALL PROPER AND REQUIRED FACILITIES FOR MOVING AND TRANSPORTING SAME, SO THAT THE CONTRACT AND ALL WORK TO BE DONE UNDER IT, CAN AND WILL BE CARRIED OUT IN A PROFESSIONAL MANNER, PROPERLY, SATISFACTORILY, CONTINUOUSLY, AND EXPEDITIOUSLY, TO COMPLETION, IN ALL RESPECTS, TO THE SATISFACTION OF THE OWNER.
- MOUNTING HEIGHT OF EQUIPMENT IS FROM FINISHED FLOOR TO CENTER LINE OF EQUIPMENT, UNLESS SPECIFIED OR INDICATED OTHERWISE. IF MOUNTING HEIGHT OF EQUIPMENT IS NOT INDICATED, VERIFY BEFORE PROCEEDING WITH INSTALLATION. THE FOLLOWING IS GENERAL MOUNTING HEIGHTS:
 - GENERAL SWITCHES, DIMMERS, CARD READERS: 1100mm (43")
 - WALL RECEPTACLES (GENERAL): 450mm (18")
 - DATA, VOIP, TELEPHONE OUTLETS: 450mm (18")
 - OUTLET ABOVE COUNTER: 150mm (6")
 - FIRE ALARM VISUAL, AUDIBLE OR COMBINATION OF BOTH DEVICES: 150mm (6") BELOW CEILING TO THE TOP OF THE DEVICE WHERE THE CEILING HEIGHT IS LESS THAN 2450mm (96") A.F.F. WHERE CEILING HEIGHT IS 2450mm (96") OR GREATER, MOUNT DEVICE AT 2300mm (90.5") A.F.F. TO THE TOP OF THE DEVICE.
- CO-ORDINATE ON SITE THE LOCATION OF EQUIPMENT, CONTROL DEVICES, SERVICE DISTRIBUTION SYSTEMS, ETC. COORDINATE WORK AND SCHEDULE WITH OTHER TRADES.
- AT ALL TIMES KEEP THE OWNER'S PROPERTY CLEAN AND IN TIDY CONDITION. CLEAN AFFECTED WORK AREA AND REMOVE ALL DEBRIS FROM EQUIPMENT. FOLLOW MANUFACTURERS' INSTALLATION AND STARTUP INSTRUCTIONS.
- PROVIDE WARNING SIGNS AND BARRIERS AS REQUIRED TO MEET INSPECTION DEPARTMENT'S REQUIREMENTS.
- DRAWINGS SHOW GENERAL INTENT OF WORK AND NOT THE DETAILS OF THE INSTALLATION.
- GUARANTEE IN WRITING ALL MATERIAL AND WORKMANSHIP INCLUDING THE MANUFACTURER'S GUARANTEE FOR THE MINIMUM PERIOD OF ONE (1) YEAR FROM THE DATE OF SUBSTANTIAL COMPLETION UNLESS NOTED OTHERWISE IN MAIN FRONT END CONTRACT DOCUMENTS.
- NO EXTRA CHARGES SHALL BE HONOURED EXCEPT WHERE THE CONTRACTOR RECEIVES A WRITTEN ORDER COUNTER-SIGNED OR OTHERWISE APPROVED BY THE OWNER.
- AFTER THE APPROVAL OF DRAWINGS, THE RIGHT IS RESERVED TO MAKE REASONABLE CHANGES IN THE DESIGN OF THE WORK OR TO OMIT ANY SUCH PARTS AS THE OWNER MAY REQUIRE. IN THE CASE WHERE WORK OR MATERIAL IS ADDED TO OR DEDUCTED FOR THE WORK HEREIN SPECIFIED, A FAIR AND REASONABLE VALUATION OF THE SAME SHALL BE ADDED TO OR DEDUCTED FROM THE AMOUNT OF THIS CONTRACT.
- THE CONSULTANT RESERVES THE RIGHT TO SELECT THE FINAL PRODUCT AND OR OPTIONS/ACCESSORIES DURING SHOP DRAWING REVIEW AT NO ADDITIONAL COST TO THE OWNER IN THE CASE OF ANY DISCREPANCIES LISTED BETWEEN CATALOGUE NUMBERS, WRITTEN PRODUCT DESCRIPTIONS AND/OR DETAILS SHOWN ON THE DRAWINGS. THE ELECTRICAL CONTRACTOR IS RESPONSIBLE FOR NOTIFYING THE CONSULTANT IN WRITING BEFORE TENDER CLOSES OF ANY DISCREPANCIES THAT MAY BE SHOWN ON THE DRAWINGS REGARDING LISTED PRODUCT SPECIFICATIONS AND CATALOGUE NUMBERS THAT MAY AFFECT PRICING AND GET CLARIFICATION ON THESE ITEMS BEFORE SUBMITTING FINAL TENDER PRICE. FAILURE OF THE ELECTRICAL CONTRACTOR TO REQUEST CLARIFICATIONS ON SUCH ITEMS DURING TENDER MAKES NULL AND VOID ANY FUTURE CLAIMS RELATING TO FINAL PRODUCT SELECTION BY THE CONSULTANT.

B. SUBMITTALS

- BEFORE FABRICATION OF ANY MATERIALS OR EQUIPMENT, SUBMIT ONE (1) COPY OF DETAILED MANUFACTURER'S SHOP DRAWINGS OF EQUIPMENT AND APPARATUS FOR REVIEW. DO NOT ORDER MATERIALS UNTIL CONSULTANT HAS REVIEWED THE SHOP DRAWINGS. IF CORRECTIONS ARE REQUIRED, COPIES WILL BE RETURNED WITH CORRECTIONS NOTED. CORRECTED COPIES SHALL BE RESUBMITTED FOR REVIEW AND DISTRIBUTION. SUBMISSIONS SHALL BE MADE IN AMPLE TIME TO AVOID DELAYS IN THE WORK. THE REVIEW OF THE SHOP DRAWINGS SHALL BE, AND IS MUTUALLY UNDERSTOOD TO BE, IN REFERENCE TO GENERAL DESIGN ONLY. IF ERRORS IN THE DETAILED DIMENSIONS OR INTERFERENCE WITH THE WORKS ARE NOTICED, THE ATTENTION OF THE CONTRACTOR WILL BE CALLED TO SUCH ERRORS OR INTERFERENCE, BUT REVIEW OF THE DRAWINGS SHALL NOT IN ANY WAY RELIEVE THIS CONTRACTOR OF RESPONSIBILITY FOR ERRORS OR INTERFERENCE, OR FROM THE NECESSITY OF FURNISHING SUCH WORKS AND MATERIALS AS MAY BE REQUIRED FOR THE COMPLETION OF THE WORK AT ANY TIME UNTIL FORMAL ACCEPTANCE.
- THE ELECTRICAL CONTRACTOR IS TO REVIEW, DATE AND SIGN ALL ELECTRICAL SHOP DRAWINGS PRIOR TO SUBMITTING TO THE CONSULTANT FOR REVIEW.
- THE ELECTRICAL CONTRACTOR TO PREPARE RECORD DRAWINGS (IN AUTOCAD AND PDF FORMATS) INCLUDING ALL CHANGES AND DEVIATIONS IN COLOUR RED FROM CONSTRUCTION SET AND SUBMIT THEM TO THE CONSULTANT AND THE OWNER UPON THE COMPLETION OF THE PROJECT. AUTOCAD FILES CAN BE SUPPLIED BY THE CONSULTANT UPON REQUEST. THE CONSULTANT CAN PREPARE AS BUILT AUTOCAD DRAWINGS FOR THE ELECTRICAL CONTRACTOR FOR A NOMINAL FEE.
- THE FOLLOWING ITEMS ARE TO BE SUBMITTED TO THE CONSULTANT AND THE OWNER AT THE END OF THE PROJECT IN A HARD COVER, THREE-RING BINDER WITH TABS INDICATING EACH SECTION:
 - FINAL INSPECTION/VERIFICATION REPORTS FROM THE INSPECTION AUTHORITIES AND TESTING AGENCIES
 - MANUFACTURER'S SPECIFICATION SHEETS AND PHOTOMETRIC DATA FOR LIGHT FIXTURES
 - A COPY OF ALL FINAL REVIEWED SHOP DRAWINGS
 - AUTOCAD AND PDF RECORD DRAWINGS
 - OPERATING INSTRUCTIONS FOR EACH SYSTEM INCLUDING CONTROL AND WIRING DIAGRAMS
 - MANUFACTURER RECOMMENDED MAINTENANCE PROCEDURES AND SCHEDULES
 - LIGHTING VERIFICATION AND COMMISSIONING DOCUMENT FROM THIRD PARTY
 - WARRANTY LETTER FOR ALL MATERIAL AND WORKMANSHIP
 - ALL PANELBOARD TYPEWRITTEN DIRECTORIES
 - USB DRIVE WITH ELECTRONIC COPY OF ITEMS 4.1 TO 4.9

C. PERMITS, TEST, REGULATIONS, ETC.

- CARRY OUT ALL CHANGES AND ALTERATIONS REQUIRED BY THE AUTHORIZED INSPECTOR OF ANY AUTHORITY HAVING JURISDICTION WITHOUT DELAY TO THE PROGRESS OF THE WORK AND WITHOUT EXTRA COST.
- PROVIDE WARNING SIGNS AND ARC FLASH LABELS AS SPECIFIED OR TO MEET REQUIREMENTS OF OESC, INSPECTION DEPARTMENT AND THE CONSULTANT.
- UPON COMPLETION OF THE CONTRACT, ISSUE TO THE OWNER A FORMAL CERTIFICATION OF COMPLETION OF WORK BEFORE FINAL PAYMENT FOR WORK MAY BE CONSIDERED DUE.
- PAYMENTS FOR ALL PERMITS, DEPOSITS, INSPECTION, SERVICES, AND OTHER FEES NECESSARY FOR THE WORK SHALL BE INCLUDED IN THE TENDER.

D. MATERIALS

- ALL MATERIALS AND EQUIPMENT (PRODUCTS) TO BE NEW AND FREE OF DEFECTS, CSA, ULC OR CANADIAN RECOGNIZED CERTIFICATION.
- THIS IS A **BASE BID** SPECIFICATION. ITEMS ON THE DRAWINGS AND SUBSEQUENT DIVISIONS OF THESE SPECIFICATIONS ARE LISTED WITH THE NAMES OF A SPECIFIC MANUFACTURER, THE FIRST OF WHICH IS BASE BID AND HAS BEEN USED IN THE DESIGN AND IS THE EQUIPMENT SHOWN ON THE DRAWINGS. THE PRICE SUBMITTED FOR THIS CONTRACT SHALL BE BASED ON THE USE OF MATERIALS AND EQUIPMENT SPECIFIED AS THE BASE BID.
- WHERE MORE THAN ONE MANUFACTURER IS LISTED FOR A PARTICULAR ITEM OR GROUPS OF ITEMS, THE CONTRACTOR SHALL STATE IN HIS TENDER FORM COST SAVINGS (IF ANY) FOR THE USE OF ALTERNATE PRODUCTS, AND SHALL NAME THE ALTERNATE MANUFACTURERS. HOWEVER, THESE PROPOSED MATERIALS MUST NOT BE USED IN CALCULATING THE BASE TENDER PRICE. THE CONSULTANT AND/OR OWNER SHALL HAVE THE FINAL OPTION OF ACCEPTING OR REJECTING ALTERNATE EQUIPMENT.

D. MATERIALS (CONTINUATION)

- WHERE OTHER THAN A FIRST-NAMED PRODUCT IS PROPOSED, THE BIDDER WILL BE DEEMED TO REPRESENT THAT NAMED PRODUCT CONFORMS TO THE PERFORMANCE, QUALITY, SPACE AND WEIGHT CHARACTERISTICS OF THE BASE BID PRODUCT. THIS CONTRACTOR WILL BE RESPONSIBLE FOR ANY ADDITIONAL DESIGN OR CONSTRUCTION COSTS GENERATED BY THE USE OF THE NON-FIRST NAMED BID MATERIAL. ACCEPTANCE OF NON-BASE MANUFACTURERS WITH RESPECT TO THEIR EQUIVALENCY SHALL BE SUBJECT TO THE CONSULTANT'S REVIEW OF SHOP DRAWINGS.
- THE CATALOG NUMBER OF THE SPECIFIED DEVICE MAY NOT DESIGNATE ALL THE ACCESSORY PARTS AND APPURTENANCES REQUIRED FOR THE PARTICULAR USE OR FUNCTION. THE ELECTRICAL CONTRACTOR SHALL ARRANGE WITH THE MANUFACTURER FOR THE PURCHASE OF ALL PARTS REQUIRED FOR THE COMPLETE INSTALLATION AND OPERATION WITHOUT EXTRA COST TO THE OWNER.

E. WIRES AND CABLES

- ALL WIRING SHALL BE MINIMUM COPPER NO. 12 AWG WITH 600V INSULATION FOR 120/208V WIRING AND 1000V FOR 600V WIRING OF CHEMICALLY CROSS-LINKED THERMOSETTING POLYETHYLENE (XLPE) MATERIAL SUITABLE FOR 90° OPERATION. CONDUCTORS NO. 10 AWG AND LARGER SHALL BE STRANDED. CONDUCTOR SIZES SHALL BE IN ACCORDANCE WITH THE OESC AND AS INDICATED ON THE DRAWINGS.
- ALUMINUM WIRING IS NOT ACCEPTABLE UNLESS NOTED OTHERWISE.
- NMD90 (PVC JACKETED) WIRING SHALL NOT BE USED AND IS NOT ACCEPTABLE.
- AC90 CABLE MAY ONLY BE USED FOR SHORT RUNS WITH MAXIMUM DISTANCE OF 3660mm (12ft) TO LIGHT FIXTURES AND RECEPTACLES IN CONCEALED AREAS ONLY UNLESS NOTED OTHERWISE ON DRAWINGS. AC90 CABLE (INCLUDING FIRE ALARM) IS NOT TO BE USED IN OPEN CEILING AREAS, ELEVATOR SHAFT AND STAIRWELL.
- WHERE CONDUCTOR SIZES ARE NOT INDICATED THEY SHALL BE SIZED TO ENSURE THE VOLTAGE DROP DOES NOT EXCEED 2% FOR BRANCH CIRCUIT AND 3% FOR MAIN FEEDER AND THE REQUIREMENTS OF THE OESC.
- ALL WIRING TO BE INSTALLED IN CONDUIT OR RACEWAY AND SHALL BE EQUIPPED WITH A GREEN INSULATED BOND CONDUCTOR SIZED TO MEET THE REQUIREMENTS OF THE OESC.

F. CONDUIT

- EMT AND RIGID GALVANIZED STEEL (RGS) CONDUIT TO BE CONCEALED IN FINISHED AREAS OF THE BUILDING.
- FLEXIBLE METALLIC CONDUIT MAY BE USED FOR SHORT CONNECTIONS TO VIBRATING MECHANICAL EQUIPMENT.
- MINIMUM CONDUIT SIZE SHALL BE 21mm (3/4") UNLESS NOTED OTHERWISE ON THE DRAWINGS.
- WHERE SLEEVES OR OPENINGS ARE INSTALLED IN WALLS, FLOORS, ROOF OR PARTITIONS TO ACCOMMODATE RACEWAYS OR CABLES, PROVIDE ALL NECESSARY SEALS, FITTINGS, BARRIERS AND FIRE-RESISTANT MATERIALS TO RESTORE THE INSTALLATION TO ITS ORIGINAL FIRE RATING TO THE SATISFACTION OF THE GOVERNING AUTHORITIES.
- WHERE CONDUIT MUST BE SURFACE MOUNTED TO EXPOSED CEILING/WALL SURFACES, PROVIDE METALLIC WIREMOLD PAINTED TO MATCH CEILING/WALL SURFACES UNLESS NOTED OTHERWISE.
- ALL CONDUITS THAT PENETRATE EXTERIOR WALLS/ROOF ARE TO BE SEALED AIR/LIQUID TIGHT AFTER INSTALLATION AT BOTH ENDS OF THE CONDUIT.

G. OUTLETS AND JUNCTION BOXES

- PROVIDE STICK ON LABELS (BLACK LETTERING ON WHITE BACKGROUND) INDICATING THE PANEL AND CIRCUIT NUMBER FOR ALL RECEPTACLES AND CONTROL DEVICES. LABELS SHALL BE NEATLY PLUMB AND LEVEL ON THE COVER PLATE. POORLY POSITIONED LABELS WILL NOT BE ACCEPTED.
- THE OWNER/CONSULTANT RESERVES THE RIGHT TO CHANGE LOCATIONS OF OUTLETS TO WITHIN 3660mm (12ft) OF LOCATION INDICATED ON THE DRAWINGS WITHOUT EXTRA CHARGE, PROVIDING CONTRACTOR IS ADVISED PRIOR TO INSTALLATION.
- ALL PULL/JUNCTION BOXES MUST BE ACCESSIBLE AFTER THE BUILDING IS COMPLETE. INSTALL PULL ROPE IN ALL EMPTY CONDUITS.
- ALL JUNCTION BOXES AND CONDUIT SUPPORT SYSTEM SHALL BE SECURED TIGHT TO THE UNDERSIDE OF THE BUILDING STRUCTURE. SUSPENDED JUNCTION BOXES AND CONDUITS WILL NOT BE ACCEPTED.
- ALL DEVICE BOXES TO BE RECESSED WHEREVER POSSIBLE. ALL JUNCTION BOXES SHALL BE SIZED TO ACCOMMODATE THE NUMBER OF RACEWAYS AND CONDUCTORS AND BE ACCESSIBLE AFTER INSTALLATION. BOXES FOR CONTROL DEVICES (I.E. CONTROL RELAYS AND CONTACTS FOR LIGHTING, FIRE ALARM, AND OTHER SYSTEMS) IN FINISHED COMMON AREAS AND CORRIDORS SHALL BE INSTALLED ABOVE ACCESSIBLE DROP CEILING, 6" BELOW NON-ACCESSIBLE CEILING OR ACCESSIBLE BY CEILING ACCESS PANELS.
- ALL LOW VOLTAGE LIGHTING ROOM CONTROLLERS, POWER PACKS, CONTROL RELAYS ETC ARE TO BE LOCATED IN ACCESSIBLE CEILING SPACE. IF REQUIRED TO BE MOUNTED EXPOSED AND VISIBLE, INSTALL THESE DEVICES IN SUITABLE SIZED STEEL SCREW COVERED ENCLOSURE TYPE 1, PAINTED TO MATCH THE CEILING OR WALL COLOR. IF WALL MOUNTING IS REQUIRED, MOUNT CONTROL DEVICE IN THE STEEL ENCLOSURE AT 6" BELOW THE CEILING TO THE TOP OF THE ENCLOSURE.
- WHERE BOXES MUST BE SURFACE MOUNTED TO EXPOSED CEILING/WALL SURFACES, PROVIDE SURFACE MOUNTED WIREMOLD BOXES PAINTED TO MATCH CEILING/WALL SURFACES UNLESS NOTED OTHERWISE.

H. WIRING DEVICES

- SWITCHES, RECEPTACLES AND OUTLETS TO BE DECORA STYLE, **WHITE COLOR** WITH **STAINLESS STEEL** COVER PLATES.
- RECEPTACLES TO BE TAMPER RESISTANT AND MARKED "TR" IN THE FOLLOWING SPACES:
 - CHILD CARE FACILITIES
 - PUBLIC CORRIDORS
 - PRESCHOOLS AND ELEMENTARY EDUCATION FACILITIES
 - PUBLIC SPACES I.E. AMENITY, WASHROOMS, STAIRWELLS, STORAGE SPACES, EXTERIOR GRADE RECEPTACLES
- DUPLEX RECEPTACLES
 - 15 OR 20 AMP, 120 VOLT SPECIFICATION GRADE COMPLETE WITH BACK BOX
 - EXTERIOR RECEPTACLES TO BE WEATHER RESISTANT TYPE AND MARKED "WR". ALL EXTERIOR RECEPTACLES TO HAVE WET LOCATION LISTED "EXTRA DUTY" WHILE-IN-USE COVERS.
- TOGGLE SWITCHES TO BE 15 OR 20 AMP, 120 OR 347 VOLT AS REQUIRED COMPLETE WITH BACK BOX.
- LOW VOLTAGE SWITCHES, SENSORS OR DEVICES TO BE INSTALLED COMPLETE WITH DEVICE BACK BOX. ALL BOXES FOR CEILING MOUNTED DEVICES TO BE OCTAGON TYPE.
- MAINTAIN A MINIMUM OF 150mm HORIZONTAL CLEARANCE BETWEEN BOXES INSTALLED BACK-TO-BACK IN WALL.

I. GROUNDING

- GROUND THE SERVICE AND ALL NON-CURRENT CARRYING METAL PARTS IN ACCORDANCE WITH OESC.
- PROVIDE COMPLETE GROUNDING AND BONDING SYSTEM AS REQUIRED BY OESC.
- PROVIDE GROUND CONNECTION TO TELEPHONE PANEL, WATER MAIN AND ALL METALLIC PIPING.

J. FIRE STOPPING

- SEALS FOR CABLES AND CONDUIT:
 - PROVIDE FIRE RATED SEALS FOR CONDUITS AND WIRING AT ALL FIRE RATED WALL/FLOOR PENETRATIONS.
 - APPLY FIRE SEALANT 3M CP 25WB+ , 4 HR FIRE BARRIER, L RATED, STC 54 TO SEAL ALL PENETRATIONS THROUGH ANY FIRE RATED ASSEMBLIES. REFER TO ARCHITECTURAL DRAWINGS FOR LOCATIONS FOR ALL FIRE RATED ASSEMBLIES.

K. LIGHTING

- ELECTRICAL CONTRACTOR TO SUPPLY AND INSTALL ALL LIGHT FIXTURES AS SPECIFIED ON PLANS. ALTERNATE LIGHT FIXTURES SHALL NOT BE USED IN CALCULATING BASE TENDER PRICE. THE ELECTRICAL CONTRACTOR MAY SUBMIT AN ALTERNATE LIGHTING PACKAGE WITH TENDER PRICE IF THERE IS A COST SAVING OVER THE BASE SPECIFIED LIGHT FIXTURES. THE CONTRACTOR SHALL STATE THE COST SAVING FOR THE ALTERNATE FIXTURES WITH TENDER AND THE OWNER RESERVES THE RIGHT TO ACCEPT OR REJECT THE ALTERNATE FIXTURES PACKAGE COST SAVING.
- SUPPLY AND INSTALL ALL MOUNTING HARDWARE AND ACCESSORIES TO SUIT THE CEILING AND INSTALLATION. REFER TO ARCHITECTURAL DRAWINGS FOR CEILING TYPES AND PROVIDE REQUIRED MOUNTING ACCESSORIES AS REQUIRED. ALL FIXTURES TO BE CSA OR ULC LISTED.
- ALL LIGHT FIXTURES THAT ARE NOT SUPPORTED DIRECTLY BY AN OUTLET BOX AS PER OESC 30-302, ARE TO BE SECURED TO BUILDING STRUCTURE INDEPENDENTLY BY JACK CHAINS OR AIRCRAFT CABLES.

L. BREAKER PANELBOARDS

- PANEL TRIM TO HAVE CONCEALED HINGES, TRIM MOUNTING SCREWS, HINGED LOCKING DOOR AND FLUSH CATCH.
- PANEL BOARDS TO HAVE COPPER MAIN BUS, COPPER GROUND BUS AND COPPER NEUTRAL BUS.
- KAIC RATINGS FOR PANELS AND BREAKERS TO BE AS INDICATED ON DRAWINGS. SERIES RATED BREAKERS/PANELS ARE NOT ACCEPTABLE.
- AFFIX TYPEWRITTEN DIRECTORY TO THE INSIDE OF PANEL BOARD INDICATING LOADS CONTROLLED BY EACH CIRCUIT.
- ALL PANELBOARDS ARE TO BE SURFACE MOUNTED UNLESS INDICATED OTHERWISE.
- ACCEPTABLE MANUFACTURERS ARE SCHNEIDER ELECTRIC, EATON, ABB OR SIEMENS.
- PANELBOARDS LOCATED WITHIN DWELLING UNITS TO HAVE FACTORY WHITE FINISHED DOORS AND TRIMS. PANELS FOR DWELLING UNITS SHALL BE RECESSED WITH MAXIMUM DEPTH OF 3.75 INCH.

M. FIELD QUALITY CONTROL

- TEST ALL WORK. REMEDY AND MAKE GOOD ANY DEFECTS DISCLOSED BY SUCH TESTS AND TEST THE WORK AGAIN. TEST IN ACCORDANCE WITH APPROVED PROCEDURE.
- TEST EACH POWER AND CONTROL CONDUCTOR FOR CONTINUITY AND GROUNDS. IMMEDIATELY FOLLOWING THIS TEST, CONNECT CONDUCTOR TO ITS PERMANENT TERMINAL.
- INSPECT ALL CONNECTIONS, PROTECTIVE AND SAFETY DEVICES PRIOR TO ENERGIZING ANY EQUIPMENT AND MAKE NECESSARY ADJUSTMENTS, WHERE REQUIRED, TO ASSURE A PROPER AND SAFE OPERATION.
- ALL EQUIPMENT SHALL BE WIPED CLEAN AND VACUUMED.

N. FIRE ALARM SYSTEM RENOVATIONS

- THE ELECTRICAL CONTRACTOR SHALL HIRE A FIRE ALARM SYSTEM COMPANY TO TEST AND VERIFY ANY NEW OR RELOCATED FIRE ALARM DEVICES AND PROVIDE WRITTEN VERIFICATION REPORT INDICATING THE DEVICES HAVE BEEN TESTED AND VERIFIED TO THE LATEST APPLICABLE CODES AND STANDARDS.
- THE ELECTRICAL CONTRACTOR SHALL CARRY ALL COSTS ASSOCIATED WITH TESTING AND VERIFICATION AS REQUIRED BY THE FIRE ALARM WORK INDICATED ON THE ELECTRICAL DRAWINGS.
- THE FIRE ALARM SYSTEM SHALL BE INSTALLED IN CONFORMANCE WITH THE LATEST EDITION OF CAN/ULC-S524, "INSTALLATION OF FIRE ALARM SYSTEMS".
- THE FIRE ALARM SYSTEM SHALL BE VERIFIED IN CONFORMANCE WITH THE LATEST EDITION OF CAN/ULC-S537, "VERIFICATION OF FIRE ALARM SYSTEM" TO ENSURE SATISFACTORY PERFORMANCE.
- THE FIRE ALARM SYSTEM SHALL BE VERIFIED AND MONITORED BY SECURITY COMPANY IN CONFORMANCE TO CAN/ULC-S561, "INSTALLATION AND SERVICES FOR FIRE SIGNAL RECEIVING CENTERS AND SYSTEMS". CERTIFICATE OF FIRE ALARM MONITORING TO BE PROVIDED BY SECURITY COMPANY UPON COMPLETION OF PROJECT.

O. MECHANICAL EQUIPMENT

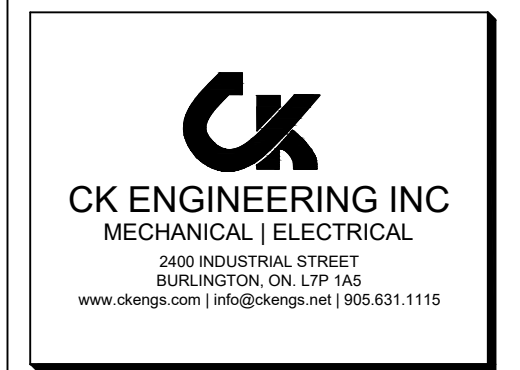
- PROVIDE LINE VOLTAGE CONNECTIONS AS REQUIRED FOR ALL MECHANICAL EQUIPMENT. CONFIRM FINAL CONNECTIONS, LOADS AND LOCATIONS PRIOR TO INSTALLATION. NO EXTRAS WILL BE ALLOWED FOR ELECTRICAL CONTRACTOR NOT THOROUGHLY REVIEWING ALL MECHANICAL DRAWINGS DURING TENDER AND SHOP DRAWINGS DURING CONSTRUCTION.
- PROVIDE ALL NECESSARY LINE VOLTAGE CONTROL WIRING FOR MECHANICAL CONTROLS CONTRACTOR AS REQUIRED. PROVIDE CONTROL WIRING AS SHOWN ON THE ELECTRICAL AND MECHANICAL DRAWINGS.

P. EXECUTION

RACEWAYS:

- INSTALL CONDUIT AS A COMPLETE SYSTEM WITHOUT WIRES. CONTINUE CONDUIT FROM FITTING TO FITTING AND FASTEN SECURELY TO PLACE. CLEAN AND SEAL CONDUIT SYSTEM UNTIL WIRING IS INSTALLED.
- INSTALL CONDUIT PARALLEL OR AT RIGHT ANGLES TO PROPERTY LINES, CURBS, ETC., WHERE PRACTICAL.
- CUT ALL CONDUITS SQUARE AND REAM TO REMOVE SHARP EDGES AND BURRS. FIT CONDUITS CLOSELY AND TIGHTLY IN COUPLINGS.
- INSTALL A PULL WIRE IN EACH EMPTY CONDUIT PROVIDED FOR FUTURE USE BY OTHERS.
- CAP ALL CONDUITS WITH METAL, CARDBOARD OR PLASTIC, DURING CONSTRUCTION.

ELECTRICAL DRAWING LIST	
E1.1	SPECIFICATIONS AND DRAWING LIST
E1.2	SPECIFICATIONS, LEGENDS, ABBREVIATIONS, LINE TYPES AND SCHEDULES
E1.3	SCHEDULES, PARTIAL SINGLE LINE DIAGRAM AND PHOTOS
E1.4	PANEL SCHEDULES
E1.5	DETAILS
E2.1	KEY PLANS
E3.1	ELECTRICAL DEMOLITION AND NEW PLAN -- AREA A
E3.2	ELECTRICAL DEMOLITION AND NEW PLAN -- AREA B
E3.3	ELECTRICAL NEW PLAN -- AREA C
E3.4	ELECTRICAL DEMOLITION AND NEW PLAN -- AREA D
E3.5	ELECTRICAL NEW PLAN -- AREA E1
E3.6	ELECTRICAL DEMOLITION PLAN -- AREA E2
E3.7	ELECTRICAL NEW PLAN -- AREA E2
E3.8	ELECTRICAL DEMOLITION AND NEW PLAN -- AREA F



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No.	Date	Remarks
D	26/06/11	ISSUED FOR ADDENDUM No.01
C	26/05/22	ISSUED FOR TENDER
B	26/05/01	ISSUED FOR PERMIT
A	26/04/22	ISSUED FOR CO-ORDINATION

**HDSB Interior Renovations to
 Frontenac Public School**
 5140 Pinedale Avenue, Burlington, ON.
 L7L 3V4

Dwg. Title:
SPECIFICATIONS AND DRAWING LIST

Drwn: KC Chkd: PI
 Proj. No.: 26002
 Scale: As noted
 Date: 2026-05-22

Drawing No.:
E1.1

CONTROL DEVICE SCHEDULE										
TYPE	MANUFACTURER	CATALOG NUMBER	DESCRIPTION	VOLTAGE AC (V)	VOLTAGE DC (VDC)	NO. OF RELAYS	DIMMING	MOUNTING	EQUIVALENT ACCEPTED	COMMENTS
O1	nLIGHT	nCM PDT 9 RJB	CEILING MOUNTED DUAL TECH, DIGITAL OCCUPANCY SENSOR			15		CEILING		c/w CAT-5e SPLITTERS
O2	SENSOR SWITCH	WSX WH	PIR WALL SWITCH SENSOR, WHITE FINISH	120V		1	NO	WALL		MANUAL ON, AUTO OFF
LD1	ACUIITY BRANDS	nPODMA-2P-DX-WH	DIGITAL 0-10V DIMMING ON/OFF SWITCH			15		WALL		
RC1	nLIGHT	nPP16 EFP	DIGITAL ROOM CONTROLLER	120V	15	1	NO			CAT-5e CABLE TO BE ORDERED FROM MANUFACTURER AND INSTALLED BY ELECTRICAL
DT	INTERMATIC	EI600WC	DIGITAL TIMER	120V				WALL		

EQUIPMENT SCHEDULE																
TAG	EQUIPMENT	LOCATION	MOTOR				STARTER (SUPPLIED BY/INSTALLED BY)				ACCESSORIES (SUPPLIED BY/INSTALLED BY)			FIRE ALARM	COMMENTS	
			VOLTAGE (V)	PHASE	HORSEPOWER (HP)	WATTS (W)	MCA (A)	LOAD FLA (A)	MOCP (A)	PACKAGED STARTER	MANUAL STARTER	COMB. FVNR	VFD			LINE VOLTAGE THERMOSTAT
UV 1 TO 5	VERTICAL UNIT VENTILATOR		208	3			35									
RTU-1	ROOF TOP UNIT	STAFF ROOM & FOOD ROOM	208	3			30									
RTU-2	ROOF TOP UNIT	ADMIN OFFICES	208	3			40									
EF-1	EXHAUST FAN	ROOF	120	1	½											
EF-2	EXHAUST FAN	ROOF	120	1	½											
RH-1	UNIT RANGEHOOD	FOOD ROOM, SPECIAL ED ROOM	120	1	1.9											

LEGEND: 'M' DENOTES MECHANICAL CONTRACTOR
'E' DENOTES ELECTRICAL CONTRACTOR
'G' DENOTES GENERAL CONTRACTOR

CABLE TAG LEGEND:

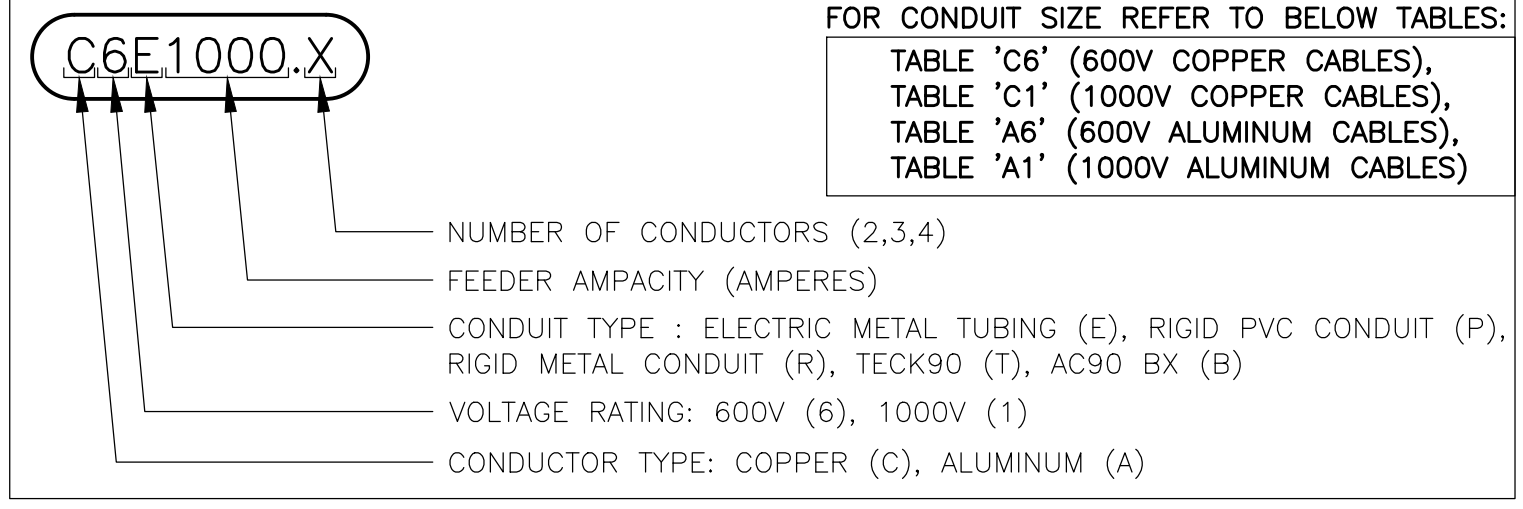
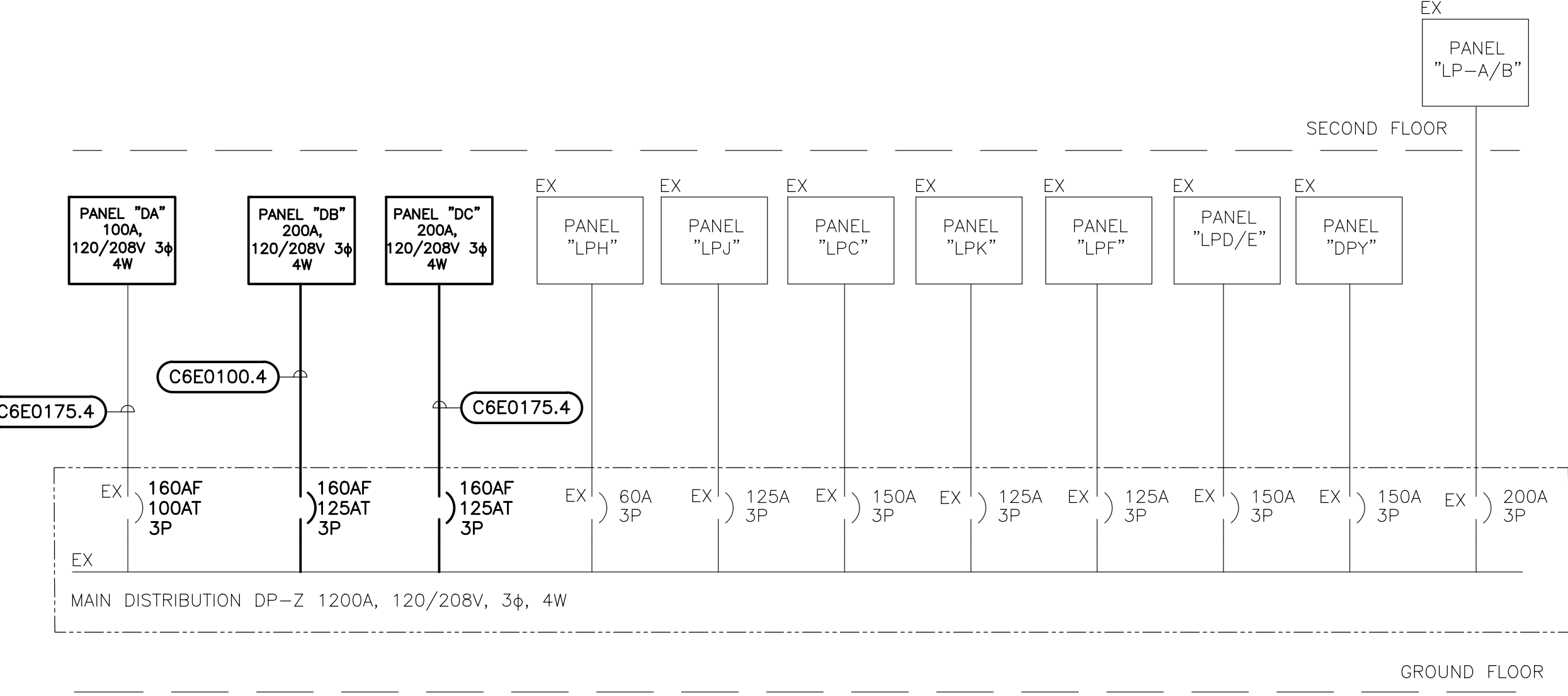


TABLE 'C6' 600V COPPER RW90XLPE UNJACKETED WIRE & CONDUIT SIZE (PER OESC 2024 TABLES 2, 6A, 9E, 9G AMPACITY BASED ON 75°C COLUMN)											
FEEDER NO.	CONDUCTOR + BOND SIZE (AWG OR KCMIL) PER RUN	MAXIMUM FEEDER AMPACITY	NO. OF RUNS	MINIMUM CONDUIT SIZE PER RUN mm (inch.)			MAX DISTANCE (FT) UP TO 3% VOLTAGE DROP BASED ON 80% LOAD				
				2 WIRE + BOND	3 WIRE + BOND	4 WIRE + BOND	120 1φ	208V 3φ	277V 1φ	480V 3φ	347V 1φ
C6E0175.4	#2/0 + #6AWG	175	1	41 (1½)	41 (1½)	53 (2)	NA	214	NA	493	NA
C6E0100.4	#3AWG + #6AWG	100	1	27 (1)	35 (1½)	35 (1½)	NA	166	NA	383	NA



PARTIAL SINGLE LINE DIAGRAM
SCALE

DRAWING KEYNOTES:

- 1 THE ELECTRICAL CONTRACTOR IS TO UTILIZE ONE SPARE BREAKER IN EXISTING SWITCHBOARD 'DP-Z' FOR THE NEW PANEL 'DA'.
- 2 THE ELECTRICAL CONTRACTOR IS TO PROVIDE TWO NEW BREAKERS (HFDE3160532) IN THE EXISTING SWITCHBOARD 'DP-Z' FOR NEW PANELS 'DB' AND 'DC'.



EXISTING MAIN SWITCHBOARD 'DP-Z'
SCALE



SPARE CIRCUIT BREAKER 06
NTS

CK ENGINEERING INC
MECHANICAL | ELECTRICAL
260 INDUSTRIAL STREET
BURLINGTON, ON L7P 1A5
www.ckeng.com | info@ckeng.net | 905.631.1115

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HDSB Interior Renovations to
Frontenac Public School
5140 Pinedale Avenue, Burlington, ON.
L7L 3V4

Dwg. Title:
**SCHEDULES,
PARTIAL SINGLE
LINE DIAGRAM
AND PHOTOS**

Drwn: KC Chkd: PI
Proj. No.: 26002
Scale: As noted
Date: 2026-05-22

Drawing No.:
E1.3

EXISTING												
PANEL ID: LP-A			MOUNTING: SURFACE			FEED THROUGH LUGS: NO			PANEL MAINS: 200 A			
VOLTAGE: 240V			LOCATION: X			MAIN BREAKER: X A			KAIC RATING: 10 KAIC			
PHASE/WIRE: 3PH/4W			FED FROM: X									
DESCRIPTION	BRK SIZE	BRK TYPE	WIRE SIZE	LOAD	CCT	BUS	CCT	LOAD	WIRE SIZE	BRK TYPE	BRK SIZE	DESCRIPTION
LIGHTS ROOM 207	15A-1P				1	A	2				5A-1P	LIGHTS ROOM 210
LIGHTS ROOM 207	5A-1P				3	B	4				5A-1P	LIGHTS ROOM 210
LIGHTS ROOM 207	5A-1P				5	C	6				5A-1P	LIGHTS ROOM 210
LIGHTS ROOM 206	5A-1P				7	A	8				5A-1P	LIGHTS ROOM 211
LIGHTS ROOM 206	5A-1P				9	B	10				5A-1P	LIGHTS ROOM 211
LIGHTS ROOM 206	5A-1P				11	C	12				5A-1P	LIGHTS ROOM 211
LIGHTS ROOM 205	5A-1P				13	A	14				5A-1P	LIGHTS ROOM 212
LIGHTS ROOM 205	5A-1P				15	B	16				5A-1P	LIGHTS ROOM 212
LIGHTS ROOM 205	5A-1P				17	C	18				5A-1P	LIGHTS ROOM 212
LIGHTS ROOM 204	5A-1P				19	A	20				5A-1P	LIGHTS ROOM 213
LIGHTS ROOM 204	5A-1P				21	B	22				5A-1P	LIGHTS ROOM 213
LIGHTS ROOM 204	5A-1P				23	C	24				5A-1P	LIGHTS ROOM 213
LIGHTS ROOM 203	5A-1P				25	A	26				5A-1P	LIGHTS ROOM 214
LIGHTS ROOM 203	5A-1P				27	B	28				5A-1P	LIGHTS ROOM 214
LIGHTS ROOM 203	5A-1P				29	C	30				5A-1P	LIGHTS ROOM 214
LIGHTS ROOM 202	5A-1P				31	A	32				5A-1P	LIGHTS ROOM 215
LIGHTS ROOM 202	5A-1P				33	B	34				5A-1P	LIGHTS ROOM 215
LIGHTS ROOM 202	5A-1P				35	C	36				5A-1P	LIGHTS ROOM 215
LIGHTS ROOM 201	5A-1P				37	A	38				5A-1P	LIGHTS ROOM 216
LIGHTS ROOM 201	5A-1P				39	B	40				5A-1P	LIGHTS ROOM 216
LIGHTS ROOM 201	5A-1P				41	C	42				5A-1P	LIGHTS ROOM 216

BRK TYPE: * GFCI BREAKER LOAD PHASE A (W): #####
 ** COMBINATION AFCI LOAD PHASE B (W): ### TOTAL LOAD (W): #####
 *** LOCK ON LOAD PHASE C (W): ##### TOTAL AMPS (A): #####
 BREAKER

EXISTING												
PANEL ID: LP-B			MOUNTING: SURFACE			FEED THROUGH LUGS: NO			PANEL MAINS: 200 A			
VOLTAGE: 240V			LOCATION: X			MAIN BREAKER: X A			KAIC RATING: 10 KAIC			
PHASE/WIRE: 3PH/4W			FED FROM: X									
DESCRIPTION	BRK SIZE	BRK TYPE	WIRE SIZE	LOAD	CCT	BUS	CCT	LOAD	WIRE SIZE	BRK TYPE	BRK SIZE	DESCRIPTION
HALL LIGHTS	15A-1P				1	A	2				15A-1P	NORTH HALL LIGHTS
CENTRE HALL LIGHTS	15A-1P				3	B	4				15A-1P	CENTRE HALL LIGHTS
SOUTH HALL LIGHTS	15A-1P				5	C	6				15A-1P	LIGHTS ROOM 217/218/219
PLUGS ROOM 206/207	15A-1P				7	A	8				15A-1P	PLUGS ROOM 202/203
PLUGS HALL	15A-1P				9	B	10				15A-1P	PLUGS ROOM 201
EXIT LIGHTS	15A-1P				11	C	12				15A-1P	PLUGS ROOM 204/205
PLUGS ROOM 212/213	15A-1P				13	A	14				15A-1P	PLUGS ROOM 210/211
PLUGS ROOM 216	15A-1P				15	B	16				15A-1P	PLUGS ROOM 214/215
EXHAUST FAN ROOM 219	15A-1P				17	C	18				15A-1P	UNIT HEATERS
	15A-1P				19	A	20				15A-1P	LIGHTS ROOM 209
LIGHTS ROOM 208	15A-1P				21	B	22				15A-1P	PLUGS ROOM 204
HAND DRYER 208	20A-1P				23	C	24				15A-1P	PLUGS 205
EXHAUST FAN BOYS WASHROOM	15A-1P				25	A	26				20A-1P	PLUG COUNTER 216
SPACE					27	B	28				20A-1P	PLUG COUNTER 216
					29	C	30				20A-1P	PLUG COUNTER 216
EF-1	15A-3P				31	A	32				20A-1P	PLUG COUNTER 216
					33	B	34					SPACE
					35	C	36					SPACE
EF-2	15A-3P				37	A	38					SPACE
					39	B	40					SPACE
					41	C	42					SPACE

BRK TYPE: * GFCI BREAKER LOAD PHASE A (W): #####
 ** COMBINATION AFCI LOAD PHASE B (W): ### TOTAL LOAD (W): #####
 *** LOCK ON LOAD PHASE C (W): ##### TOTAL AMPS (A): #####
 BREAKER

UPDATED												
PANEL ID: LP-A			MOUNTING: SURFACE			FEED THROUGH LUGS: NO			PANEL MAINS: 200 A			
VOLTAGE: 240V			LOCATION: X			MAIN BREAKER: X A			KAIC RATING: 10 KAIC			
PHASE/WIRE: 3PH/4W			FED FROM: X									
DESCRIPTION	BRK SIZE	BRK TYPE	WIRE SIZE	LOAD	CCT	BUS	CCT	LOAD	WIRE SIZE	BRK TYPE	BRK SIZE	DESCRIPTION
LIGHTS ROOM 207	5A-1P				1	A	2				5A-1P	LIGHTS ROOM 210
LIGHTS ROOM 207	5A-1P				3	B	4				5A-1P	LIGHTS ROOM 210
LIGHTS ROOM 207	5A-1P				5	C	6				5A-1P	LIGHTS ROOM 210
LIGHTS ROOM 206	5A-1P				7	A	8				5A-1P	LIGHTS ROOM 211
LIGHTS ROOM 206	5A-1P				9	B	10				5A-1P	LIGHTS ROOM 211
LIGHTS ROOM 206	5A-1P				11	C	12				5A-1P	LIGHTS ROOM 211
LIGHTS ROOM 205	5A-1P				13	A	14				5A-1P	LIGHTS ROOM 212
LIGHTS ROOM 205	5A-1P				15	B	16				5A-1P	LIGHTS ROOM 212
LIGHTS ROOM 205	5A-1P				17	C	18				5A-1P	LIGHTS ROOM 212
LIGHTS ROOM 204	5A-1P				19	A	20				5A-1P	LIGHTS ROOM 213
LIGHTS ROOM 204	5A-1P				21	B	22				5A-1P	LIGHTS ROOM 213
LIGHTS ROOM 204	5A-1P				23	C	24				5A-1P	LIGHTS ROOM 213
LIGHTS ROOM 203	5A-1P				25	A	26				5A-1P	LIGHTS ROOM 214
LIGHTS ROOM 203	5A-1P				27	B	28				5A-1P	LIGHTS ROOM 214
LIGHTS ROOM 203	5A-1P				29	C	30				5A-1P	LIGHTS ROOM 214
LIGHTS ROOM 202	5A-1P				31	A	32				5A-1P	LIGHTS ROOM 215
LIGHTS ROOM 202	5A-1P				33	B	34				5A-1P	LIGHTS ROOM 215
LIGHTS ROOM 202	5A-1P				35	C	36				5A-1P	LIGHTS ROOM 215
LIGHTS ROOM 201	5A-1P				37	A	38				5A-1P	LIGHTS ROOM 216
LIGHTS ROOM 201	5A-1P				39	B	40				5A-1P	LIGHTS ROOM 216
LIGHTS ROOM 201	5A-1P				41	C	42				800 2#12	20A-1P PROJECTOR RECEP. ROOM 216

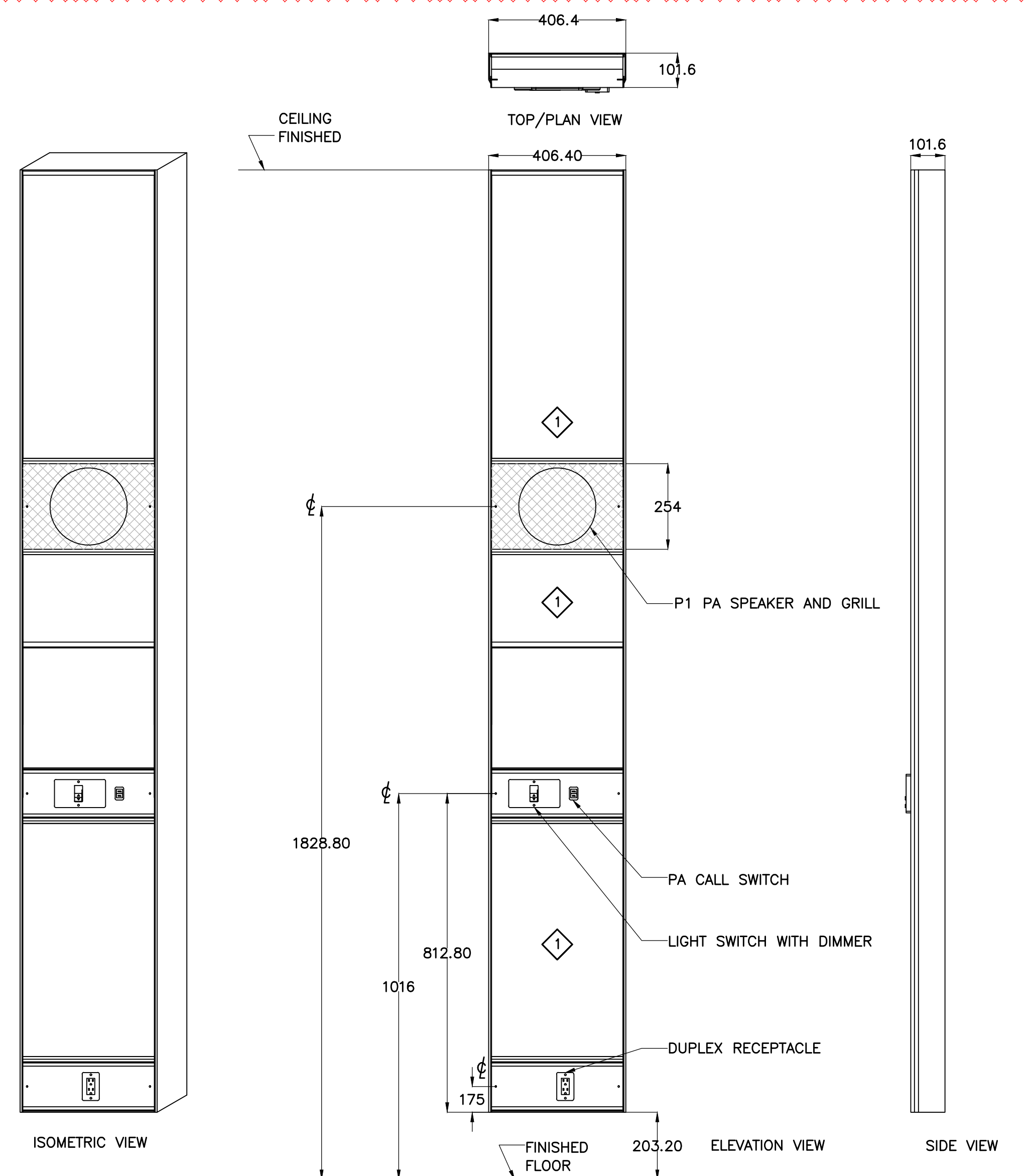
BRK TYPE: * GFCI BREAKER LOAD PHASE A (W): #####
 ** COMBINATION AFCI LOAD PHASE B (W): ### TOTAL LOAD (W): 800
 *** LOCK ON LOAD PHASE C (W): 800 TOTAL AMPS (A): 2.2
 BREAKER

NEW PANEL DA												
PANEL ID: DA			MOUNTING: SURFACE			FEED THROUGH LUGS: NO			PANEL MAINS: 100 A			
VOLTAGE: 120/208V			LOCATION: CORRIDOR			MAIN BREAKER: N/A			KAIC RATING: 10 KAIC			
PHASE/WIRE: 3PH/4W			FED FROM: MAIN SWBD - ROOM 110									
DESCRIPTION	BRK SIZE	BRK TYPE	WIRE SIZE	LOAD	CCT	BUS	CCT	LOAD	WIRE SIZE	BRK TYPE	BRK SIZE	DESCRIPTION
RECEP. FREEZER - FOOD ROOM 121	15A-1P		2#12	900	1	A	2	50	2#12		15A-1P	EMERGENCY BATTERY UNIT - BU1
RECEP. FRIDGE - FOOD ROOM 121	15A-1P		2#12	800	3	B	4	528	2#12		15A-1P	LIGHTING - FOOD ROOM 121
RECEP. COUNTER FOOD ROOM 121	20A-1P		2#12	1200	5	C	6	50	2#12		15A-1P	EMERGENCY BATTERY UNIT - BU2
ELECTRIC STOVE - FOOD ROOM 121	40A-2P		3#8	3000	7	A	8	440	2#12		15A-1P	LIGHTING - STAFF ROOM 120
				3000	9	B	10	21	2#12		15A-1P	LIGHTING - WASHROOM 120A
RANGEHOOD - FOOD ROOM 121	15A-1P		2#12	200	11	C	12	21	2#12		15A-1P	LIGHTING - WASHROOM 120B
RECEP. COUNTER - FOOD ROOM 121	20A-1P		2#12	1200	13	A	14	400	2#12		20A-1P	RECEP - RTU MAINTANACE
RECEP. DISHWASHER - FOOD ROOM 121	15A-1P		2#12	800	15	B	16	125	2#12		15A-1P	EF-1
RECEP. COUNTER - FOOD ROOM 121	20A-1P		2#12	1200	17	C	18				15A-1P	SPARE
RECEP. COUNTER - FOOD ROOM 121	20A-1P		2#12	1200	19	A	20				15A-1P	SPARE
RECEP. COUNTER - FOOD ROOM 121	20A-1P		2#12	1200	21	B	22				20A-1P	SPARE
RECEP. MILLWORK - FOOD ROOM 121	20A-1P		2#12	1200	23	C	24				20A-1P	SPARE
RECEP. - FOOD ROOM 121	15A-1P		2#12	400	25	A	26				20A-1P	SPARE
EF-1	15A-1P		2#12	200	27	B	28					
RECEP. FRIDGE - STAFF ROOM 120	15A-1P		2#12	800	29	C	30					
RECEP. COUNTER - STAFF ROOM 120	20A-1P		2#12	1200	31	A	32					
RECEP. COUNTER - STAFF ROOM 120	20A-1P		2#12	1200	33	B	34					
RECEP. - STAFF ROOM 120	15A-1P		2#12	400	35	C	36					
				2400	37	A	38					
ROOF TOP UNIT -1	30A-3P		3#10	2400	39	B	40					
				2400	41	C	42					

BRK TYPE: * GFCI BREAKER LOAD PHASE A (W): 11190
 ** COMBINATION AFCI LOAD PHASE B (W): 10274 TOTAL LOAD (W): 28935
 *** LOCK ON LOAD PHASE C (W): 7471 TOTAL AMPS (A): 80.3
 BREAKER

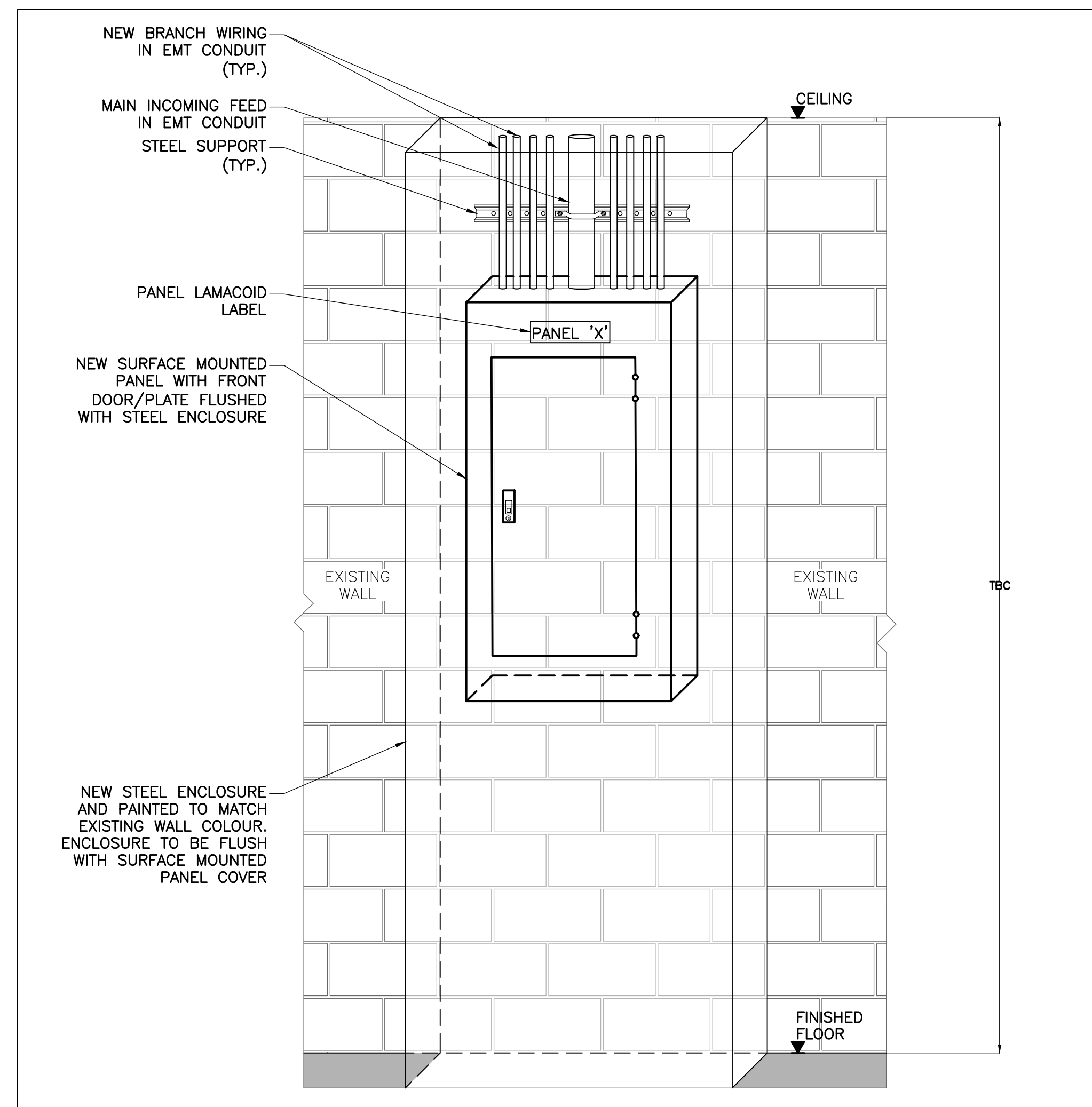
NEW PANEL DB												
PANEL ID: DB			MOUNTING: SURFACE			FEED THROUGH LUGS: NO			PANEL MAINS: 200 A			
VOLTAGE: 120/208V			LOCATION: CORRIDOR			MAIN BREAKER: N/A			KAIC RATING: 14 KAIC			
PHASE/WIRE: 3PH/4W			FED FROM: MAIN SWBD - ROOM 110									
DESCRIPTION	BRK SIZE	BRK TYPE	WIRE SIZE	LOAD	CCT	BUS	CCT	LOAD	WIRE SIZE	BRK TYPE	BRK SIZE	DESCRIPTION
VERTICAL UNIT VENTILATOR - 2 - LIFE SKILLS RM 114	35A-3P		3#8	2700	1	A	2	200	2#12		15A-1P	RECEP. - CALMING ROOM
				2700	3	B	4	612	2#12		15A-1P	LIGHTING - SPECIAL ED ROOM 109
				2700	5	C	6	300	2#12		15A-1P	LIGHTING, EF-2 - UNIV WASHROOM 109A
VERTICAL UNIT VENTILATOR - 1 - SPECIAL ED ROOM 109	35A-3P		3#8	2700	7	A	8	50	2#12		15A-1P	EMERGENCY BATTERY UNIT - BU1
				2700	9	B	10				15A-1P	SPARE
				2700	11	C	12	1000	2#12		15A-1P	HAND DRYER - HW CONNECTION
RECEP. FRIDGE - SPECIAL ED ROOM 109	15A-1P		2#12	800	13	A	14	400	2#12		15A-1P	POWER DOOR OPERATOR
RECEP. COUNTER - SPECIAL ED ROOM 109	20A-1P		2#12	1200	15	B	16	100	2#12		15A-1P	MCP PANEL
RECEP. COUNTER - SPECIAL ED ROOM 109	20A-1P		2#12	1200	17	C	18				15A-1P	SPARE
ELECTRIC STOVE - SPECIAL ED ROOM 109	40A-2P		3#8	3000	19	A	20	800	2#12		20A-1P	PROJECTOR RECEP. ROOM 109
				3000	21	B	22				20A-1P	SPARE
RANGEHOOD - SPECIAL ED ROOM 109	15A-1P		2#12	200	23	C	24				20A-1P	SPARE
RECEP. COUNTER - SPECIAL ED ROOM 109	20A-1P		2#12	1200	25	A	26					
RECEP. COUNTER - SPECIAL ED ROOM 109	20A-1P		2#12	1200	27	B	28					
RECEP. MILLWORK - SPECIAL ED ROOM 109	20A-1P		2#12	1200	29	C	30					
RECEP. DISHWASHER - SPECIAL ED ROOM 109	15A-1P		2#12	800	31	A	32					
RECEP. MILLWORK - SPECIAL ED ROOM 109	20A-1P		2#12	1200	33	B	34					
RECEP. - SPECIAL ED ROOM 109	15A-1P		2#12	400	35	C	36					
RECEP. - SPECIAL ED ROOM 109	15A-1P		2#12	400	37	A	38					
RECEP. - UNIV WASHROOM 109A	15A-1P		2#12	400	39	B	40					
POWER DOOR OPERATOR	15A-1P		2#12	400	41	C	42					

BRK TYPE: * GFCI BREAKER LOAD PHASE A (W): 13050
 ** COMBINATION AFCI LOAD PHASE B (W): 13112 TOTAL LOAD (W): 36262
 *** LOCK ON LOAD PHASE C (W): 10100 TOTAL AMPS (A): 100.7
 BREAKER

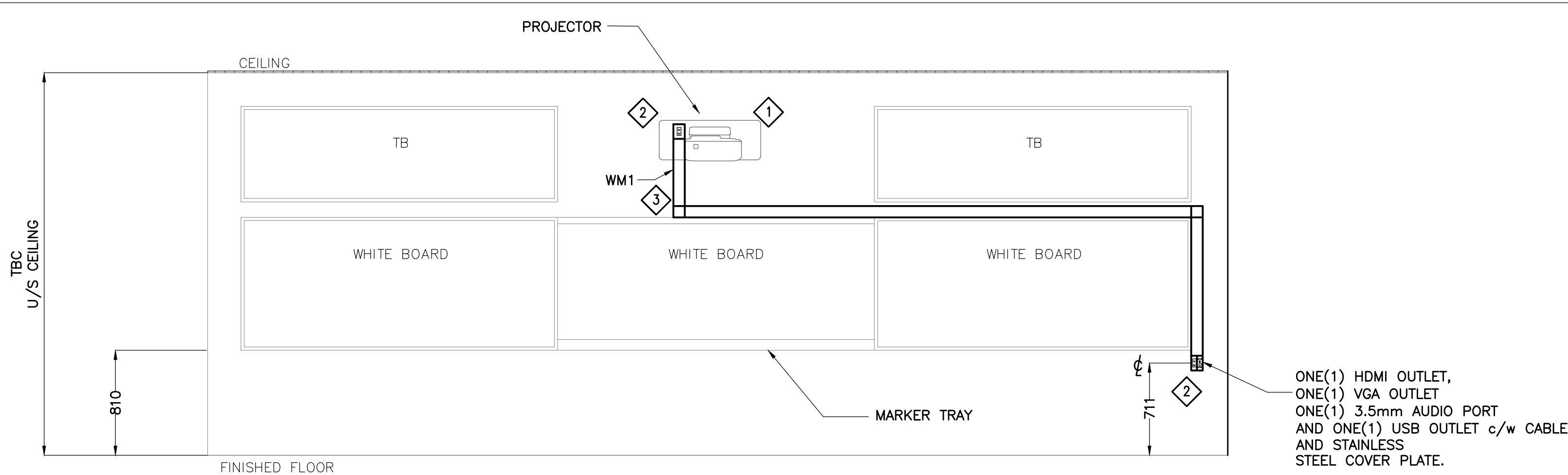


DRAWING KEYNOTES:
 1 MCP PANELS TO BE TAFISA MOJAVE LAMINATE. PROVIDE SAMPLES OF SIMILAR COLOUR FROM: ARBORITE, FORMICA, PIONITE, AND WILSONART FOR OWNER REVIEW AND SELECTION.

TYPICAL SURFACE MOUNT MCP PANEL LAYOUT



TYPICAL ELECTRICAL PANEL ENCLOSURE
 NTS



ONE(1) HDMI OUTLET,
 ONE(1) VGA OUTLET
 ONE(1) 3.5mm AUDIO PORT
 AND ONE(1) USB OUTLET c/w CABLE
 AND STAINLESS
 STEEL COVER PLATE.

KEYNOTES:
 1 REFER TO ARCHITECTURAL ELEVATIONS FOR PROJECTOR MOUNTING AND CEILING HEIGHTS INSIDE EACH ROOM.
 2 SUPPLY AND INSTALL NEW DUPLEX AND 6A MINI ADAPTER COVER PLATE (CATALOG NUMBER: AL5256-DACT) FOR CONNECTION OF HDMI OUTLET. BOTH RECEPTACLES SHALL BE ON SAME CIRCUIT.
 3 ALL SURFACE MOUNTED RACEWAYS TO BE METALLIC WIREMOLD.

TYPICAL TEACHING WALL DETAIL FOR CLASSROOM - ROOM 109 AND 216
 NTS

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CK ENGINEERING INC
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 BURLINGTON, ON L7P 1A5
 www.ckengs.com | info@ckengs.net | 905.631.1115

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 NOTE: DRAWINGS ARE NOT TO BE SCALED.

No.	Date	Remarks
A	28/06/11	ISSUED FOR ADDENDUM No.01

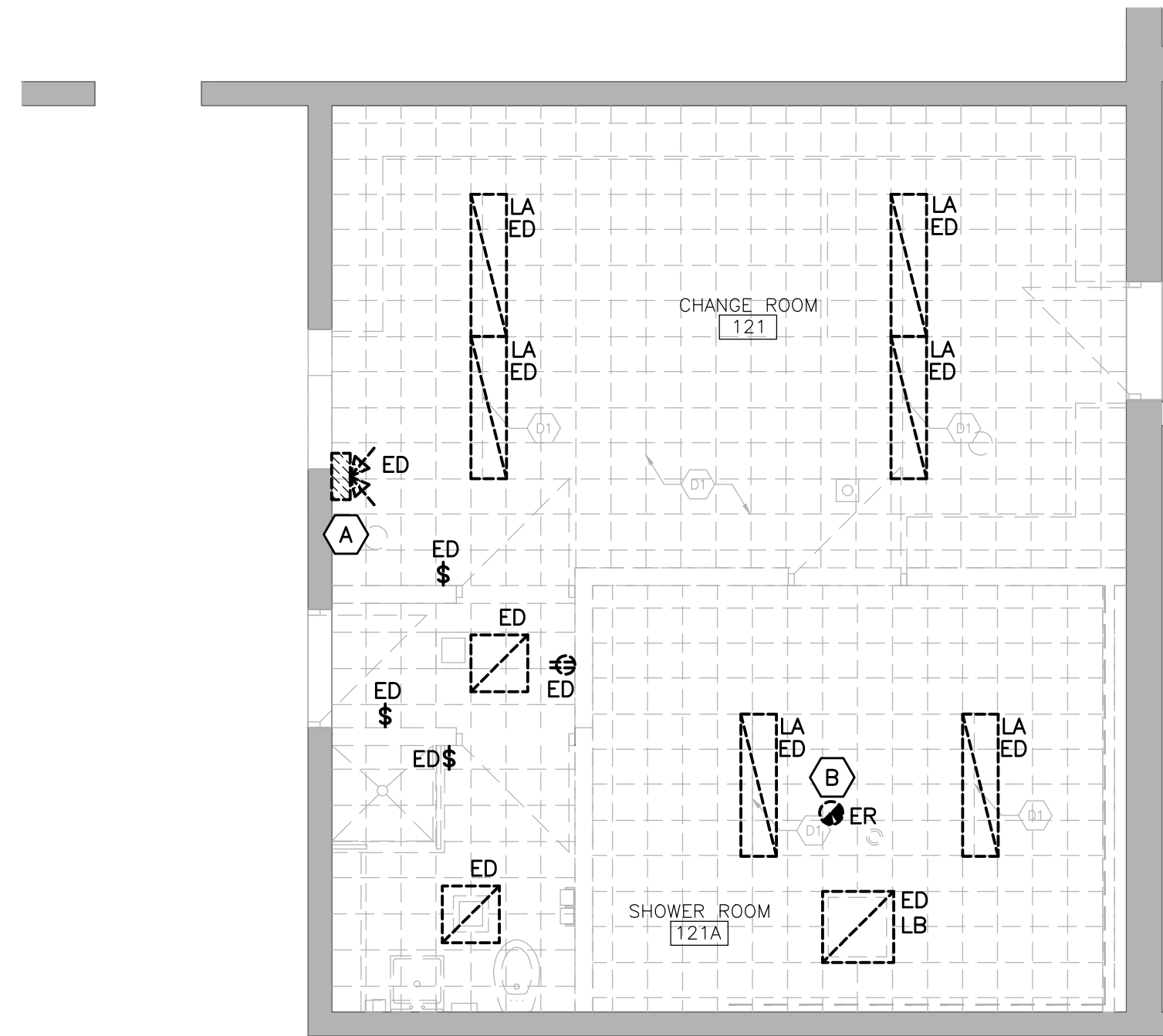
HDSB Interior Renovations to
Frontenac Public School
 5140 Pinedale Avenue, Burlington, ON.
 L7L 3V4

Dwg. Title:

DETAILS

Drawn: KC Chkd: PI
 Proj. No.: 28002
 Scale: As noted
 Date: 2026-05-22

Drawing No.:
E1.5



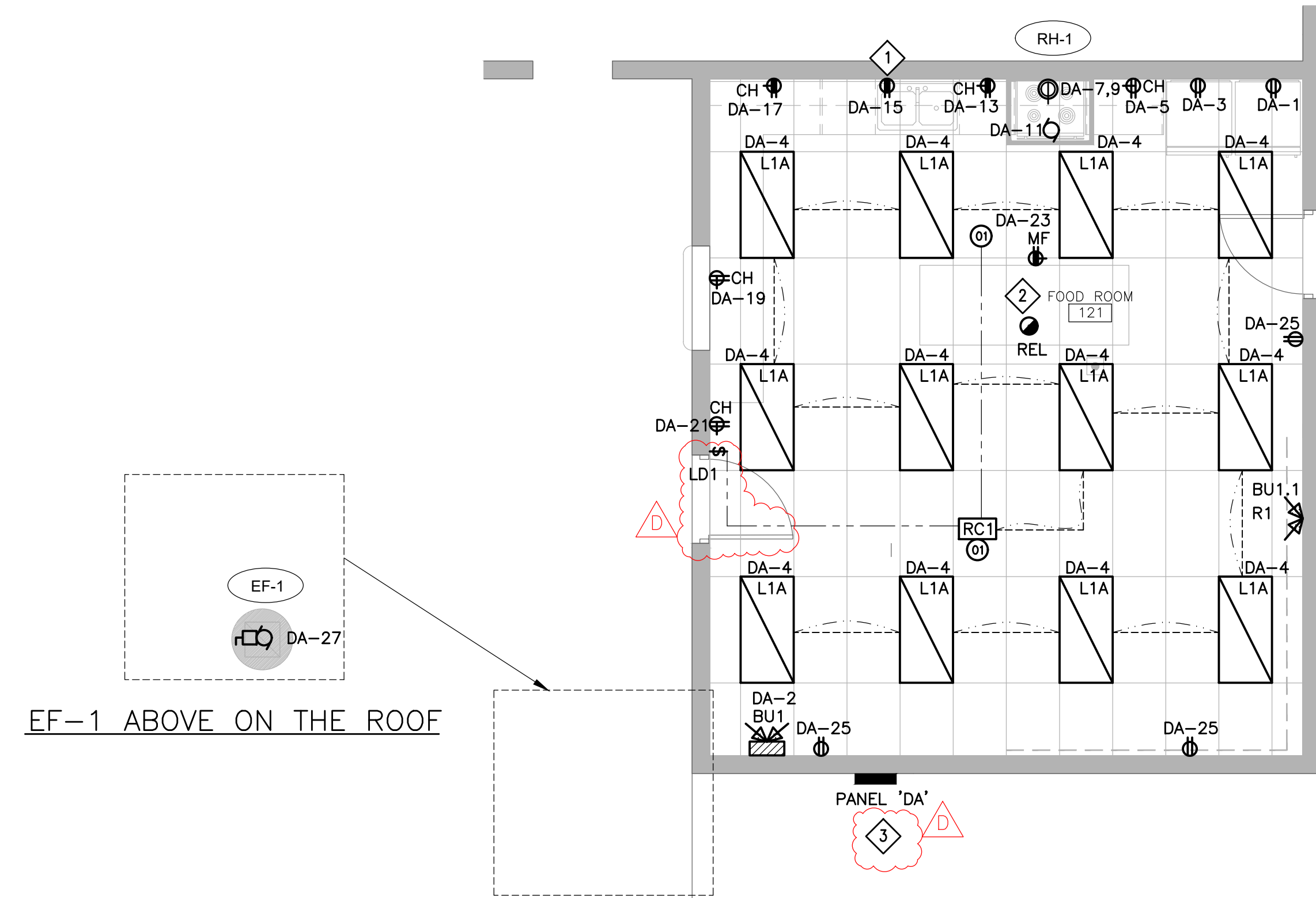
ELECTRICAL DEMOLITION PLAN – AREA A
1:50

GENERAL DEMOLITION NOTES:

1. THE ELECTRICAL CONTRACTOR IS FULLY RESPONSIBLE FOR VERIFYING ALL ELECTRICAL ITEMS ON SITE PRIOR TO COMMENCING WORK. IF THERE ARE ERRORS OR OMISSIONS ON THE DRAWINGS, THE CONTRACTOR WILL MODIFY THE DRAWINGS AND NOTIFY THE CONSULTANT OF ANY MAJOR DISCREPANCIES BETWEEN THE DRAWINGS AND SITE CONDITIONS.
2. THE ELECTRICAL CONTRACTOR IS FULLY RESPONSIBLE FOR REMOVING/RELOCATING ALL ELECTRICAL DEVICES/CABLES/CONDUITS ETC. IN AREAS BEING DEMOLISHED AS SHOWN ON ARCHITECTURAL AND ELECTRICAL DRAWINGS. NO ATTEMPT HAS BEEN MADE TO IDENTIFY EVERY SINGLE EXISTING ELECTRICAL DEVICE ON EXISTING DRAWINGS. THE CONTRACTOR IS TO VISIT THE SITE PRIOR TO SUBMITTING TENDER PRICE TO REVIEW WHAT IS REQUIRED WITH RESPECT TO DEMOLITION. NO EXTRAS WILL BE ALLOWED FOR NOT THOROUGHLY REVIEWING THE EXISTING SITE.
3. ELECTRICAL CONTRACTOR TO RE-ARRANGE AND RE-SUPPORT ALL EXISTING BOXES, CONDUITS AND WIRING ABOVE EXISTING CEILING TILES. USE NEW BOX, CONDUITS AND WIRING AS REQUIRED TO MAKE SAFE AND CLEAN INSTALLATION TO MEET CURRENT CODE AND ESA REQUIREMENTS.
4. UNUSED CONDUITS AND WIRING IN EXISTING CEILING SPACE TO BE REMOVED. PROVIDE THE REQUIRED TESTS TO ENSURE SAFE REMOVAL AS REQUIRED.
5. FOR EXISTING PULL BOXES AND JUNCTION BOXES WITH NO COVER PLATES ABOVE EXISTING CEILINGS, THE ELECTRICAL CONTRACTOR TO PROVIDE AND INSTALL NEW COVERS TO MAKE SAFE AS REQUIRED.
6. FOR INDICATED DEVICES SHOWN TO BE DEMOLISHED, THE ELECTRICAL CONTRACTOR SHALL REMOVE ALL WIRING AND CONDUITS BACK TO SOURCE AND REWORK OR PROVIDE NEW WIRING/CONDUIT TO DEVICES THAT MAY BE FED ON THE SAME CIRCUIT AS THE DEVICE TO BE DEMOLISHED.
7. FOR INDICATED DEVICES SHOWN TO BE RELOCATED, ELECTRICAL CONTRACTOR TO REWORK OR PROVIDE NEW WIRING/CONDUIT TO REINSTALL EXISTING DEVICES AS SHOWN IN NEW PLAN.
8. ELECTRICAL CONTRACTOR SHALL COORDINATE AND VERIFY WITH THE OWNER ALL DEVICES TO BE SALVAGED, MOVED & STORED PRIOR TO DEMOLITION.

DEMOLITION KEYNOTES:

- (A) THE ELECTRICAL CONTRACTOR IS TO FIELD IDENTIFY THE EMERGENCY LIGHTING FED FROM THE EXISTING EMERGENCY BATTERY BACKUP UNIT IN CHANGE ROOM (121) AND DEMOLISH THEM.
- (B) THE HEAT DETECTOR IS TO BE RELOCATED TO THE NEW STAFFROOM 120A.

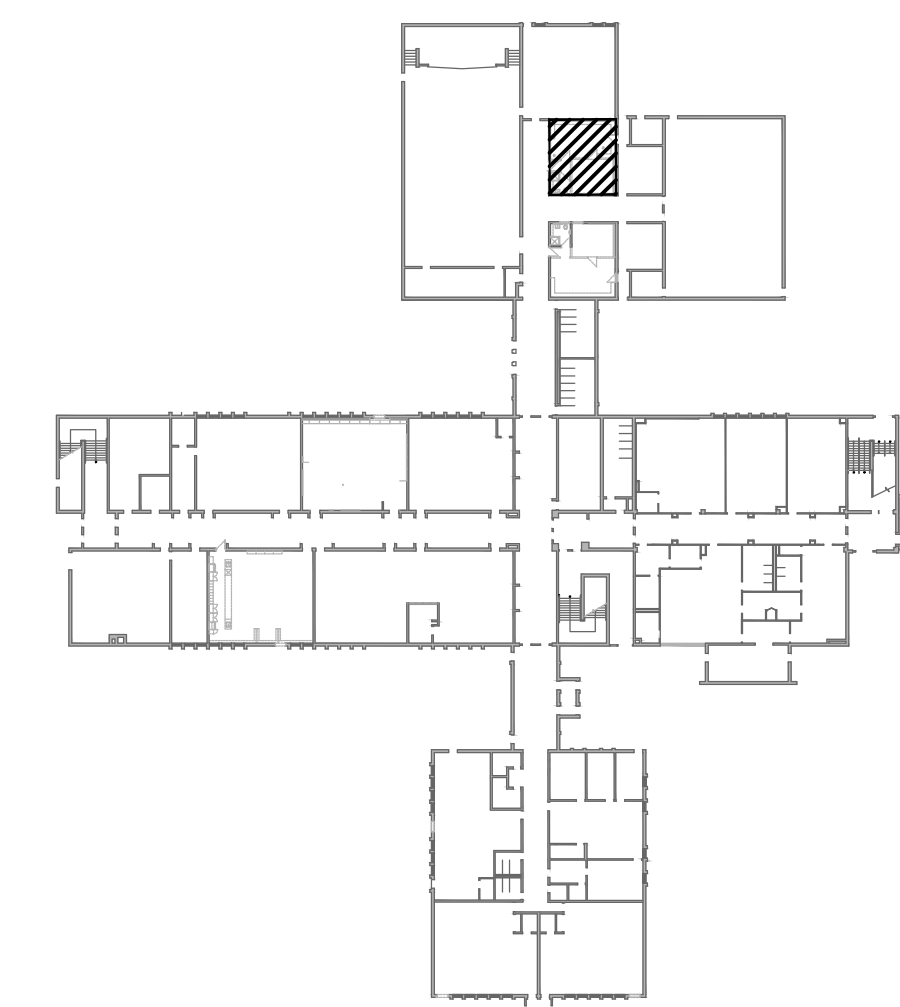


ELECTRICAL NEW PLAN – AREA A
1:50

DRAWING KEYNOTES:

- 1 THE ELECTRICAL CONTRACTOR IS TO PROVIDE 15A GFCI RECEPTACLE UNDER THE SINK FOR THE DISHWASHER.
- 2 HEAT DETECTOR RELOCATED FROM SHOWER ROOM 121A. PROVIDE FIRE ALARM VERIFICATION OF RELOCATED DEVICE.
- 3 PROVIDE STEEL ENCLOSURE FOR NEW SURFACE MOUNTED PANEL 'DA' AS PER DETAIL ' TYPICAL ELECTRICAL PANEL ENCLOSURE' ON DRAWING E1.5.

AREA OF WORK – A



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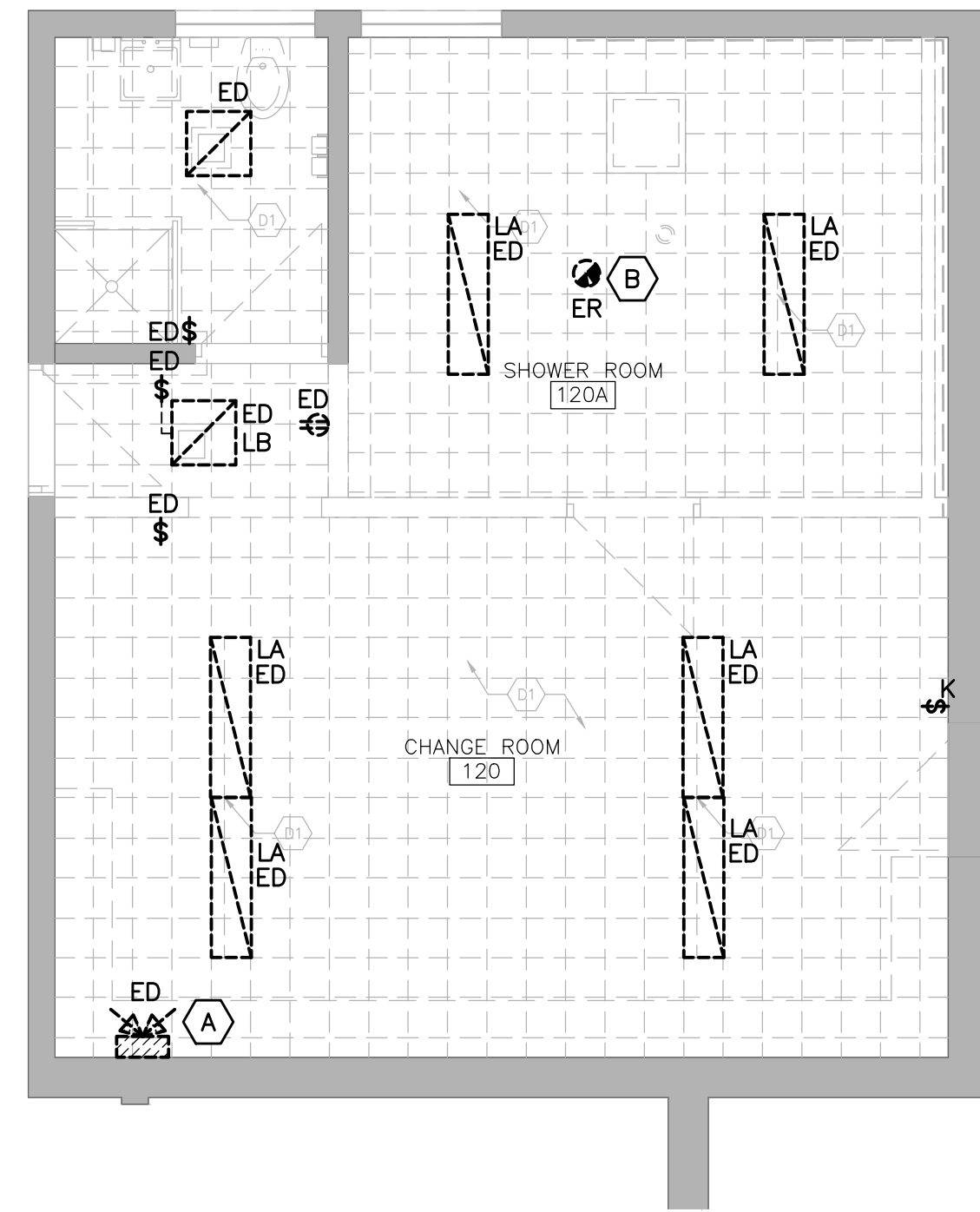
No.	Date	Remarks
D	26/06/11	ISSUED FOR ADDENDUM No.01
C	26/05/22	ISSUED FOR TENDER
B	26/05/01	ISSUED FOR PERMIT
A	26/04/22	ISSUED FOR CO-ORDINATION

HDSB Interior Renovations to
Frontenac Public School
5140 Pinedale Avenue, Burlington, ON.
L7L 3V4

Dwg. Title:
**ELECTRICAL
DEMOLITION
AND NEW PLAN
- AREA A**

Drwn: KC Chkd: PI
Proj. No.: 26002
Scale: As noted
Date: 2026-05-22

Drawing No.:
E3.1



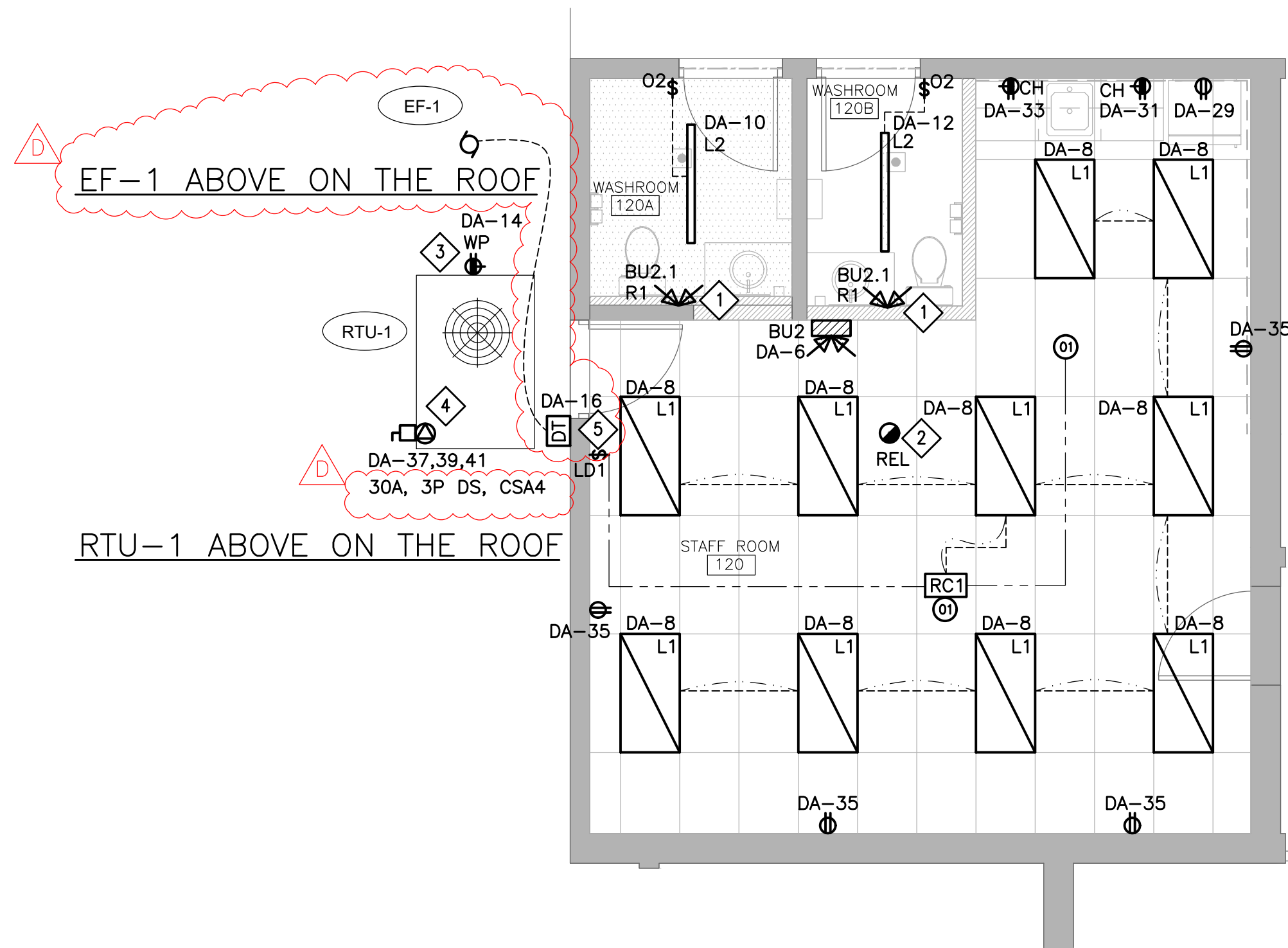
ELECTRICAL DEMOLITION PLAN – AREA B
1:50

GENERAL DEMOLITION NOTES:

1. THE ELECTRICAL CONTRACTOR IS FULLY RESPONSIBLE FOR VERIFYING ALL ELECTRICAL ITEMS ON SITE PRIOR TO COMMENCING WORK. IF THERE ARE ERRORS OR OMISSIONS ON THE DRAWINGS, THE CONTRACTOR WILL MODIFY THE DRAWINGS AND NOTIFY THE CONSULTANT OF ANY MAJOR DISCREPANCIES BETWEEN THE DRAWINGS AND SITE CONDITIONS.
2. THE ELECTRICAL CONTRACTOR IS FULLY RESPONSIBLE FOR REMOVING/RELOCATING ALL ELECTRICAL DEVICES/CABLES/CONDUITS ETC. IN AREAS BEING DEMOLISHED AS SHOWN ON ARCHITECTURAL AND ELECTRICAL DRAWINGS. NO ATTEMPT HAS BEEN MADE TO IDENTIFY EVERY SINGLE EXISTING ELECTRICAL DEVICE ON EXISTING DRAWINGS. THE CONTRACTOR IS TO VISIT THE SITE PRIOR TO SUBMITTING TENDER PRICE TO REVIEW WHAT IS REQUIRED WITH RESPECT TO DEMOLITION. NO EXTRAS WILL BE ALLOWED FOR NOT THOROUGHLY REVIEWING THE EXISTING SITE.
3. ELECTRICAL CONTRACTOR TO RE-ARRANGE AND RE-SUPPORT ALL EXISTING BOXES, CONDUITS AND WIRING ABOVE EXISTING CEILING TILES. USE NEW BOX, CONDUITS AND WIRING AS REQUIRED TO MAKE SAFE AND CLEAN INSTALLATION TO MEET CURRENT CODE AND ESA REQUIREMENTS.
4. UNUSED CONDUITS AND WIRING IN EXISTING CEILING SPACE TO BE REMOVED. PROVIDE THE REQUIRED TESTS TO ENSURE SAFE REMOVAL AS REQUIRED.
5. FOR EXISTING PULL BOXES AND JUNCTION BOXES WITH NO COVER PLATES ABOVE EXISTING CEILINGS, THE ELECTRICAL CONTRACTOR TO PROVIDE AND INSTALL NEW COVERS TO MAKE SAFE AS REQUIRED.
6. FOR INDICATED DEVICES SHOWN TO BE DEMOLISHED, THE ELECTRICAL CONTRACTOR SHALL REMOVE ALL WIRING AND CONDUITS BACK TO SOURCE AND REWORK OR PROVIDE NEW WIRING/CONDUIT TO DEVICES THAT MAY BE FED ON THE SAME CIRCUIT AS THE DEVICE TO BE DEMOLISHED.
7. FOR INDICATED DEVICES SHOWN TO BE RELOCATED, ELECTRICAL CONTRACTOR TO REWORK OR PROVIDE NEW WIRING/CONDUIT TO REINSTALL EXISTING DEVICES AS SHOWN IN NEW PLAN.
8. ELECTRICAL CONTRACTOR SHALL COORDINATE AND VERIFY WITH THE OWNER ALL DEVICES TO BE SALVAGED, MOVED & STORED PRIOR TO DEMOLITION.

DEMOLITION KEYNOTES:

- A DISCONNECT AND REMOVE EXISTING BATTERY PACK. VERIFY THAT NO OTHER REMOTE DC HEADS ARE WIRED TO BATTERY PACK
- B THE HEAT DETECTOR IS TO BE RELOCATED TO THE NEW STAFFROOM 120A.

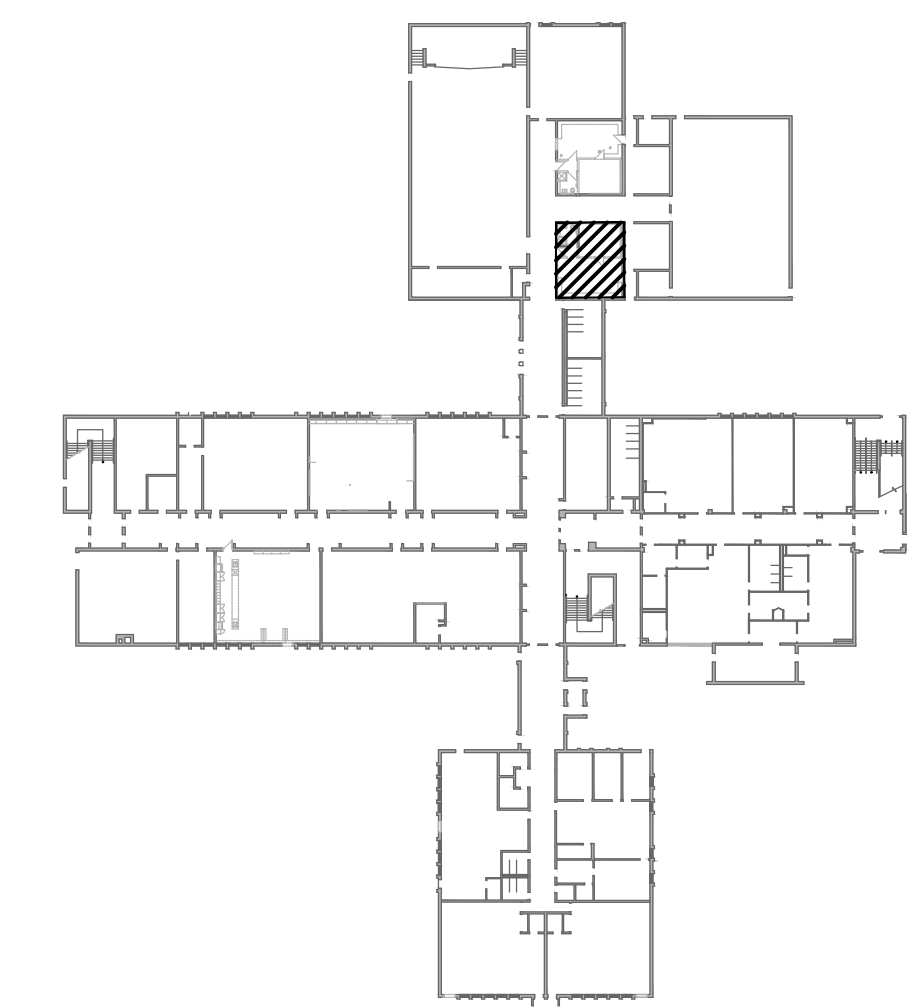


ELECTRICAL NEW PLAN – AREA B
1:50

DRAWING KEYNOTES:

- 1 WIRE REMOTE DC HEADS IN WASHROOMS TO BATTERY PACK IN STAFF ROOM.
- 2 HEAT DETECTOR RELOCATED FROM SHOWER ROOM 120A. PROVIDE FIRE ALARM VERIFICATION OF RELOCATED DEVICE.
- 3 20A RECEPTACLE SUPPLIED LOOSE BY MECHANICAL CONTRACTOR, INSTALLED AND WIRED BY ELECTRICAL CONTRACTOR.
- 4 THE ROOF TOP UNIT SUPPLIED AND INSTALLED BY MECHANICAL CONTRACTOR AND WIRED BY ELECTRICAL CONTRACTOR.
- 5 SUPPLY AND INSTALL A DIGITAL TIMER AND CONNECT IT TO EXHAUST FAN EF-1. PROGRAM THE TIMER TO OPERATE THE FAN BETWEEN 7:00 AM AND 7:00 PM. INSTALL THE DIGITAL TIMER BELOW THE CEILING IN THE CORRIDOR.

AREA OF WORK – B



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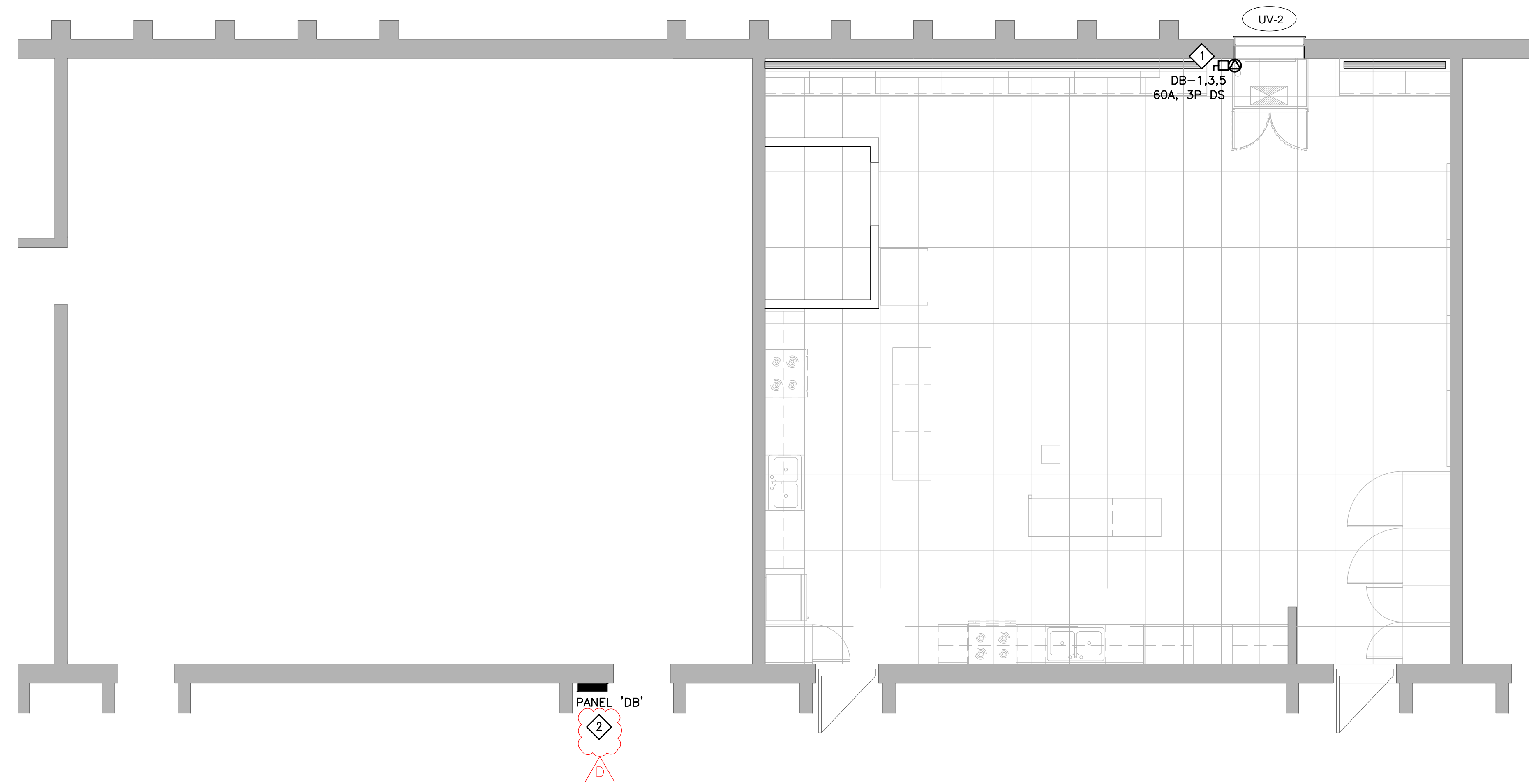
No.	Date	Remarks
D	26/06/11	ISSUED FOR ADDENDUM No.01
C	26/05/22	ISSUED FOR TENDER
B	26/05/01	ISSUED FOR PERMIT
A	26/04/22	ISSUED FOR CO-ORDINATION

HDSB Interior Renovations to
Frontenac Public School
5140 Pinedale Avenue, Burlington, ON.
L7L 3V4

Dwg. Title:
**ELECTRICAL
DEMOLITION
AND NEW PLAN
- AREA B**

Drwn: KC Chkd: PI
Proj. No.: 26002
Scale: As noted
Date: 2026-05-22

Drawing No.:
E3.2

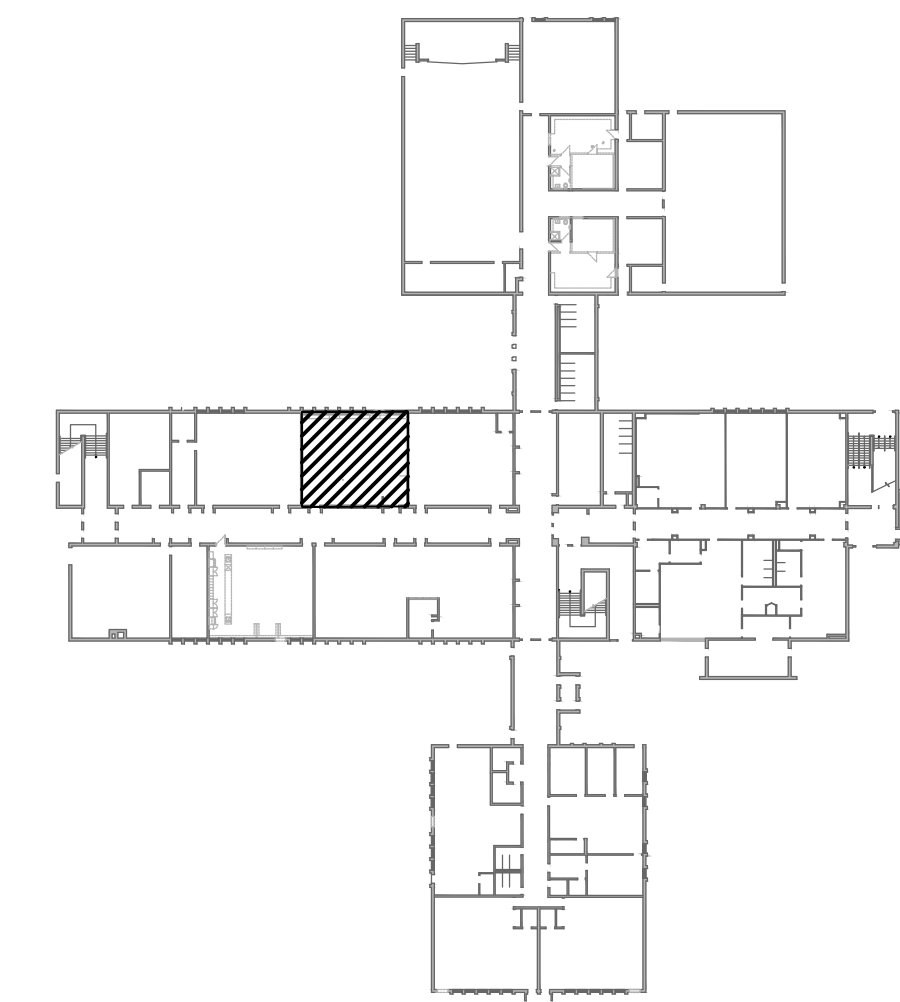


ELECTRICAL NEW PLAN – AREA C
1:50

DRAWING KEYNOTES:

- 1 THE VERTICAL UNIT VENTILATOR SUPPLIED AND INSTALLED BY MECHANICAL CONTRACTOR AND WIRED BY ELECTRICAL CONTRACTOR.
- 2 PROVIDE STEEL ENCLOSURE FOR NEW SURFACE MOUNTED PANEL 'DB' AS PER DETAIL ' TYPICAL ELECTRICAL PANEL ENCLOSURE' ON DRAWING E1.5.

AREA OF WORK – C



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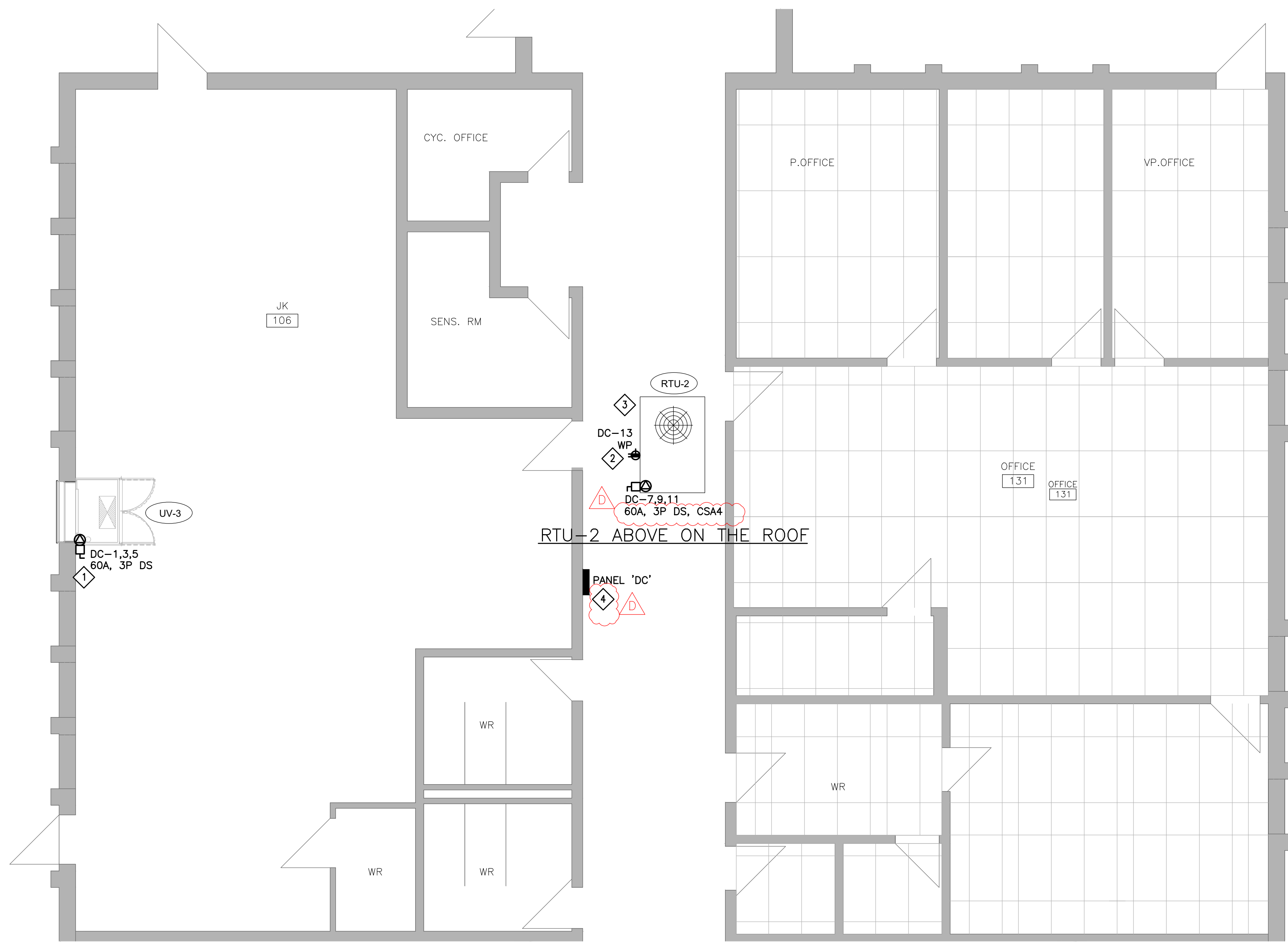
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Dwg. Title:
**ELECTRICAL
 NEW PLAN -
 AREA C**

Drwn: KC Chkd: PI
 Proj. No.: 26002
 Scale: As noted
 Date: 2026-05-22

Drawing No.:
E3.3

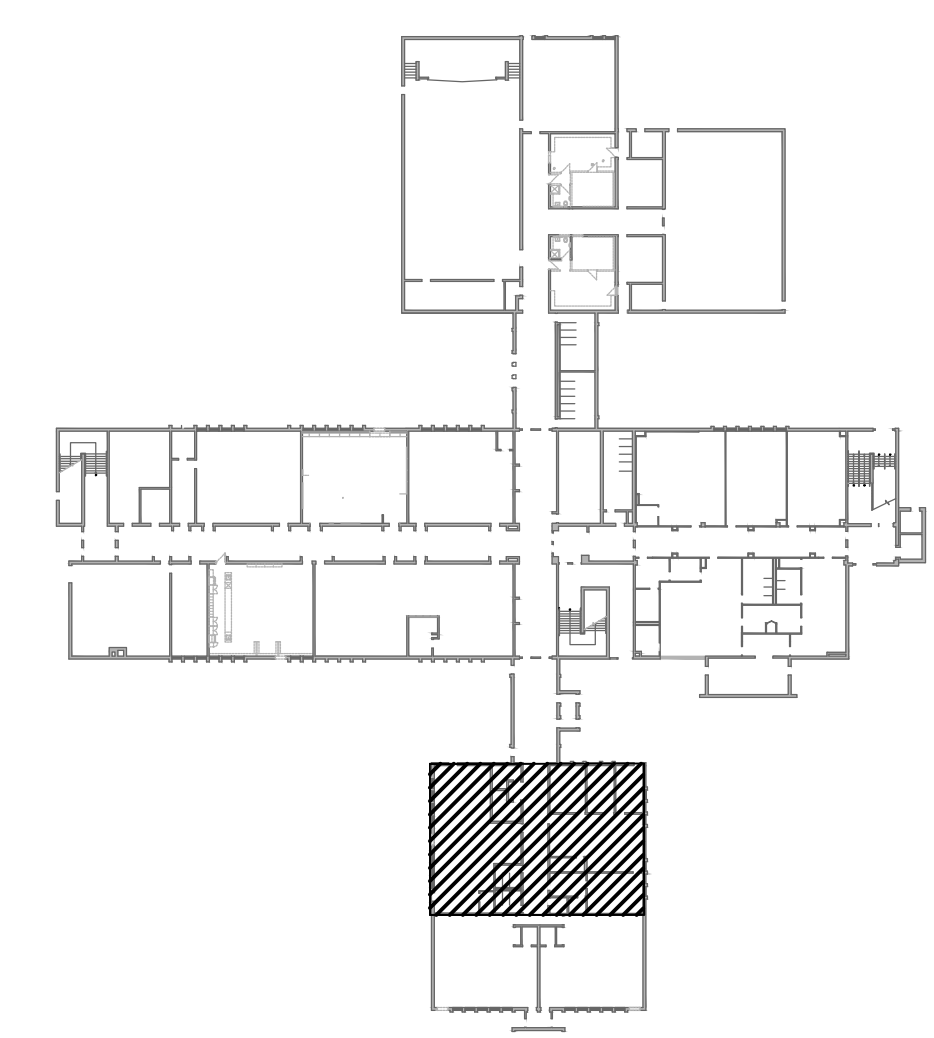


ELECTRICAL NEW PLAN – AREA E1
1:50

DRAWING KEYNOTES:

- ① UNIT VENTILATOR SUPPLIED AND INSTALLED BY MECHANICAL CONTRACTOR, WIRED BY ELECTRICAL CONTRACTOR.
- ② 20A RECEPTACLE SUPPLIED LOOSE BY MECHANICAL CONTRACTOR AND WIRED BY ELECTRICAL CONTRACTOR.
- ③ THE ROOF TOP UNIT SUPPLIED AND INSTALLED BY MECHANICAL CONTRACTOR, WIRED BY ELECTRICAL CONTRACTOR.
- ④ PROVIDE STEEL ENCLOSURE FOR NEW SURFACE MOUNTED PANEL 'DC' AS PER DETAIL ' TYPICAL ELECTRICAL PANEL ENCLOSURE' ON DRAWING E1.5.

AREA OF WORK – E1



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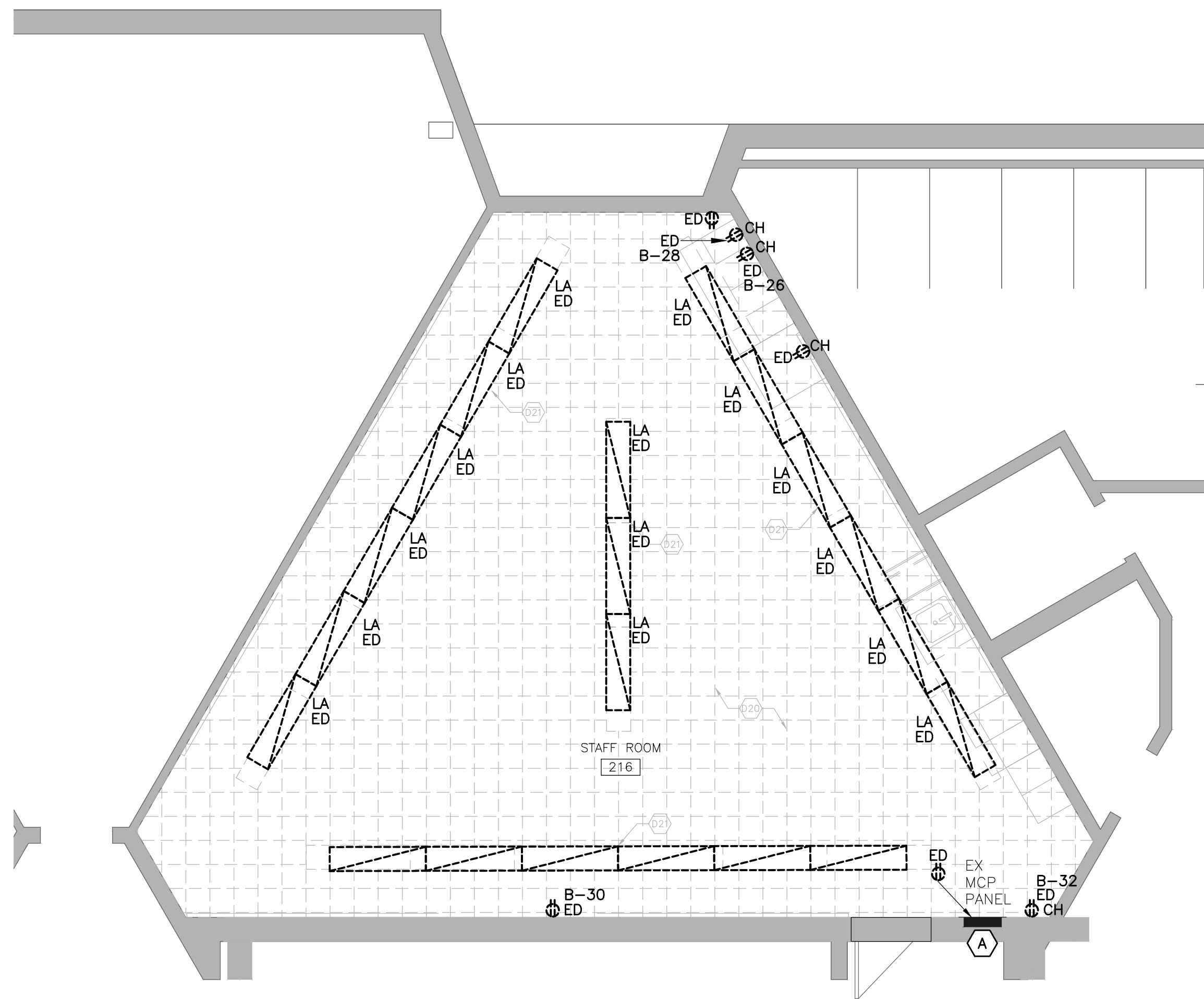
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Dwg. Title:
**ELECTRICAL
 NEW PLAN -
 AREA E1**

Drwn: KC Chkd: PI
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Drawing No.:
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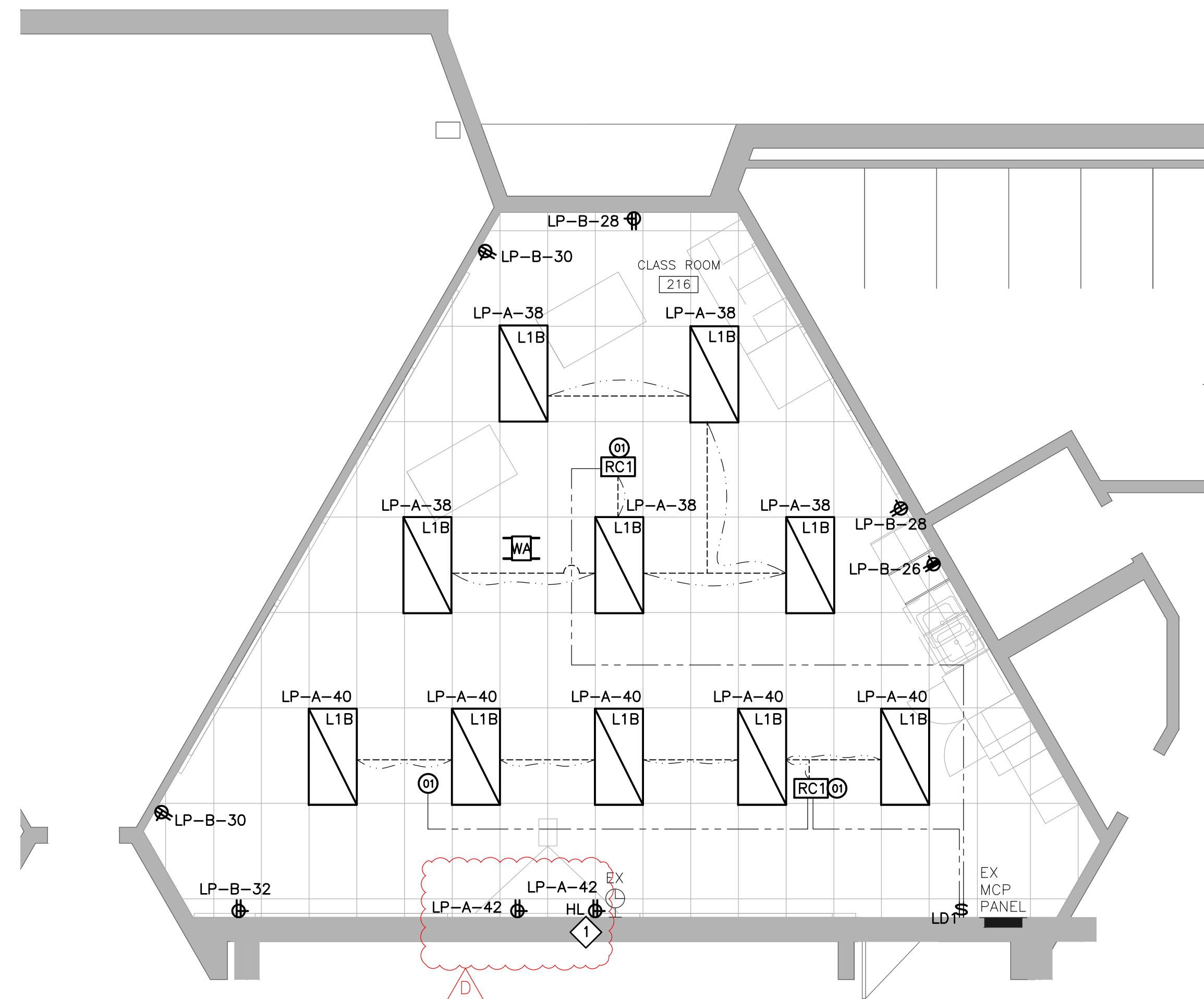
ELECTRICAL DEMOLITION PLAN – AREA F
1:50

GENERAL DEMOLITION NOTES:

1. THE ELECTRICAL CONTRACTOR IS FULLY RESPONSIBLE FOR VERIFYING ALL ELECTRICAL ITEMS ON SITE PRIOR TO COMMENCING WORK. IF THERE ARE ERRORS OR OMISSIONS ON THE DRAWINGS, THE CONTRACTOR WILL MODIFY THE DRAWINGS AND NOTIFY THE CONSULTANT OF ANY MAJOR DISCREPANCIES BETWEEN THE DRAWINGS AND SITE CONDITIONS.
2. THE ELECTRICAL CONTRACTOR IS FULLY RESPONSIBLE FOR REMOVING/RELOCATING ALL ELECTRICAL DEVICES/CABLES/CONDUITS ETC. IN AREAS BEING DEMOLISHED AS SHOWN ON ARCHITECTURAL AND ELECTRICAL DRAWINGS. NO ATTEMPT HAS BEEN MADE TO IDENTIFY EVERY SINGLE EXISTING ELECTRICAL DEVICE ON EXISTING DRAWINGS. THE CONTRACTOR IS TO VISIT THE SITE PRIOR TO SUBMITTING TENDER PRICE TO REVIEW WHAT IS REQUIRED WITH RESPECT TO DEMOLITION. NO EXTRAS WILL BE ALLOWED FOR NOT THOROUGHLY REVIEWING THE EXISTING SITE.
3. ELECTRICAL CONTRACTOR TO RE-ARRANGE AND RE-SUPPORT ALL EXISTING BOXES, CONDUITS AND WIRING ABOVE EXISTING CEILING TILES. USE NEW BOX, CONDUITS AND WIRING AS REQUIRED TO MAKE SAFE AND CLEAN INSTALLATION TO MEET CURRENT CODE AND ESA REQUIREMENTS.
4. UNUSED CONDUITS AND WIRING IN EXISTING CEILING SPACE TO BE REMOVED. PROVIDE THE REQUIRED TESTS TO ENSURE SAFE REMOVAL AS REQUIRED.
5. FOR EXISTING PULL BOXES AND JUNCTION BOXES WITH NO COVER PLATES ABOVE EXISTING CEILINGS, THE ELECTRICAL CONTRACTOR TO PROVIDE AND INSTALL NEW COVERS TO MAKE SAFE AS REQUIRED.
6. FOR INDICATED DEVICES SHOWN TO BE DEMOLISHED, THE ELECTRICAL CONTRACTOR SHALL REMOVE ALL WIRING AND CONDUITS BACK TO SOURCE AND REWORK OR PROVIDE NEW WIRING/CONDUIT TO DEVICES THAT MAY BE FED ON THE SAME CIRCUIT AS THE DEVICE TO BE DEMOLISHED.
7. FOR INDICATED DEVICES SHOWN TO BE RELOCATED, ELECTRICAL CONTRACTOR TO REWORK OR PROVIDE NEW WIRING/CONDUIT TO REINSTALL EXISTING DEVICES AS SHOWN IN NEW PLAN.
8. ELECTRICAL CONTRACTOR SHALL COORDINATE AND VERIFY WITH THE OWNER ALL DEVICES TO BE SALVAGED, MOVED & STORED PRIOR TO DEMOLITION.

DEMOLITION KEYNOTES:

- (A) THREE (3) EXISTING LIGHT SWITCHES TO BE DEMOLISHED.



ELECTRICAL NEW PLAN – AREA F
1:50

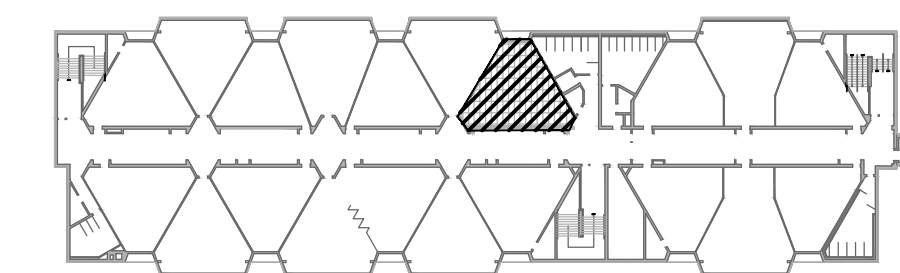
GENERAL DRAWING NOTES:

1. ELECTRICAL CONTRACTOR IS TO REUSE THE EXISTING CONDUIT AND WIRING AND CONNECT THE NEW LIGHTING FIXTURES AND THE RECEPTACLES.

DRAWING KEYNOTES:

- ① ELECTRICAL CONTRACTOR TO PROVIDE ROUGH-INS FOR SHORT THROW PROJECTOR. REFER TO DETAIL 'TYPICAL TEACHING WALL DETAIL FOR CLASSROOM' ON DRAWING E1.5 FOR MORE DETAILS.

AREA OF WORK – F



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Drawing No.:
E3.8