



Addendum # 1

Bid Opportunity: 24-7556-RFT – Waterloo-Oxford District Secondary School Family Studies Renovation & HVAC Upgrades

Closing Date: Thursday, April 18, 2024 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If you have already submitted a Bid / Proposal, it will be automatically withdrawn as a result of this addendum.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.

1.1 QUESTIONS/ ANSWERS

Question 1:

On drawing M3.1, what are the specs for the EF-1? I also don't see a size for the louver near the canopy hood.

Answer 1:

Refer to Mechanical/ Electrical Addendum 01 attached, for clarification.

1.2 ARCHITECTURAL DRAWINGS

.1 Drawing A0.01 Site Key Plan, OBC Matrix, Room Finish Schedule, Wall Types, Drawing List, & Typical Details

.1 ROOM FINISH SCHEDULE

.1 **IN STORAGE 511A, REVISE WEST WALL MATERIAL FROM “EX” TO “CB”.**

.2 **ADD ROOM 511F, AS FOLLOWS:**

	ROOM NAME	FLOOR			WALLS								CEILINGS		REMARKS
		FM	FF	BASE	NORTH		EAST		SOUTH		WEST		CM	CF	
					WF	WM	WF	WM	WF	WM	WF	WM			
511F	ELECTRICAL	EX	EX	EX	EX	P	CB	P	EX	P	EX	P	EX	P	*SEE NOTE FOR ROOM 511A.

.2 Drawing A1.2 Partial Ground Floor Demolition Plans and Enlarged Fan and Storage Room Demolition Plans

.1 **REPLACE DRAWING A1.2 WITH DRAWING A1.2R, ATTACHED.**

.2 **REFER TO DRAWING ASK-001, ATTACHED, FOR DEMOLITION OF EXTERIOR GAS STORAGE AREA.**

.3 Drawing A4.1 Roof Key Plan, General Notes, and Partial Roof Plan

.1 **REPLACE DRAWING A4.1 WITH DRAWING A4.1R, ATTACHED.**

.4 Drawing A5.1 Interior & Exterior Elevations

.1 **REPLACE DRAWING A5.1 WITH DRAWING A5.1R, ATTACHED.**

1.3 STRUCTURAL DRAWINGS

.1 Drawing S2.01 Existing Level 2 Framing Plan

.1 **REPLACE DRAWING S2.01 WITH REISSUED DRAWING S2.01, ATTACHED.**

- **ADD FRAMING FOR NEW ROOF OPENINGS AT 5 LOCATIONS.**

.2 Drawing S2.02 Existing Roof Framing Plan

.1 REVISE NOTE FOR NEW ROOF FRAMING AROUND NEW ROOF OPENING NEAR GRID LINES B AND C TO REFERENCE DETAIL 5-B ON DRAWING S2.01. NOTE CURRENTLY REFERENCES DETAIL 5-M.

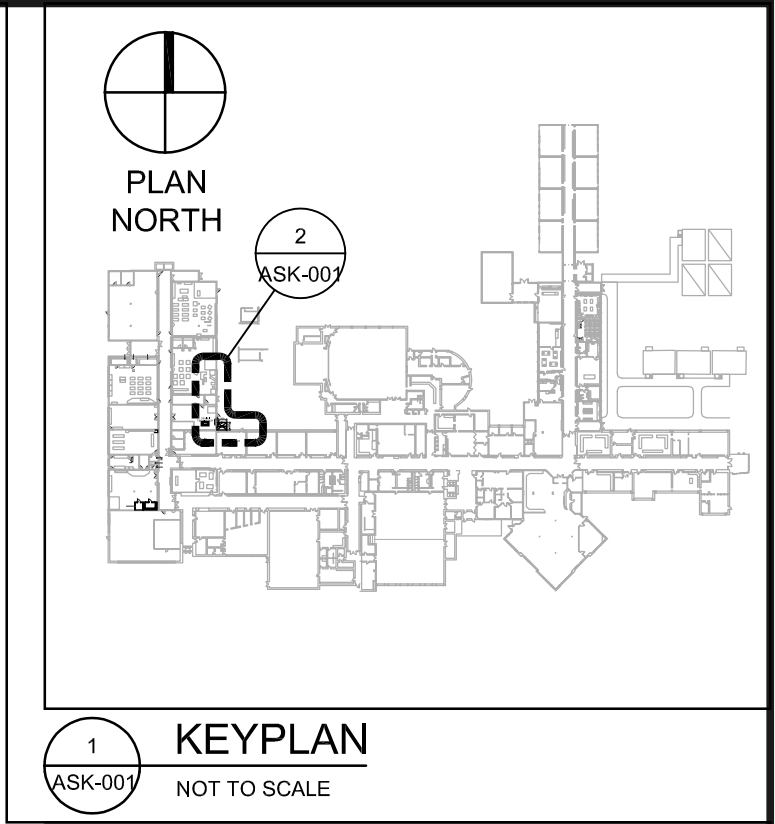
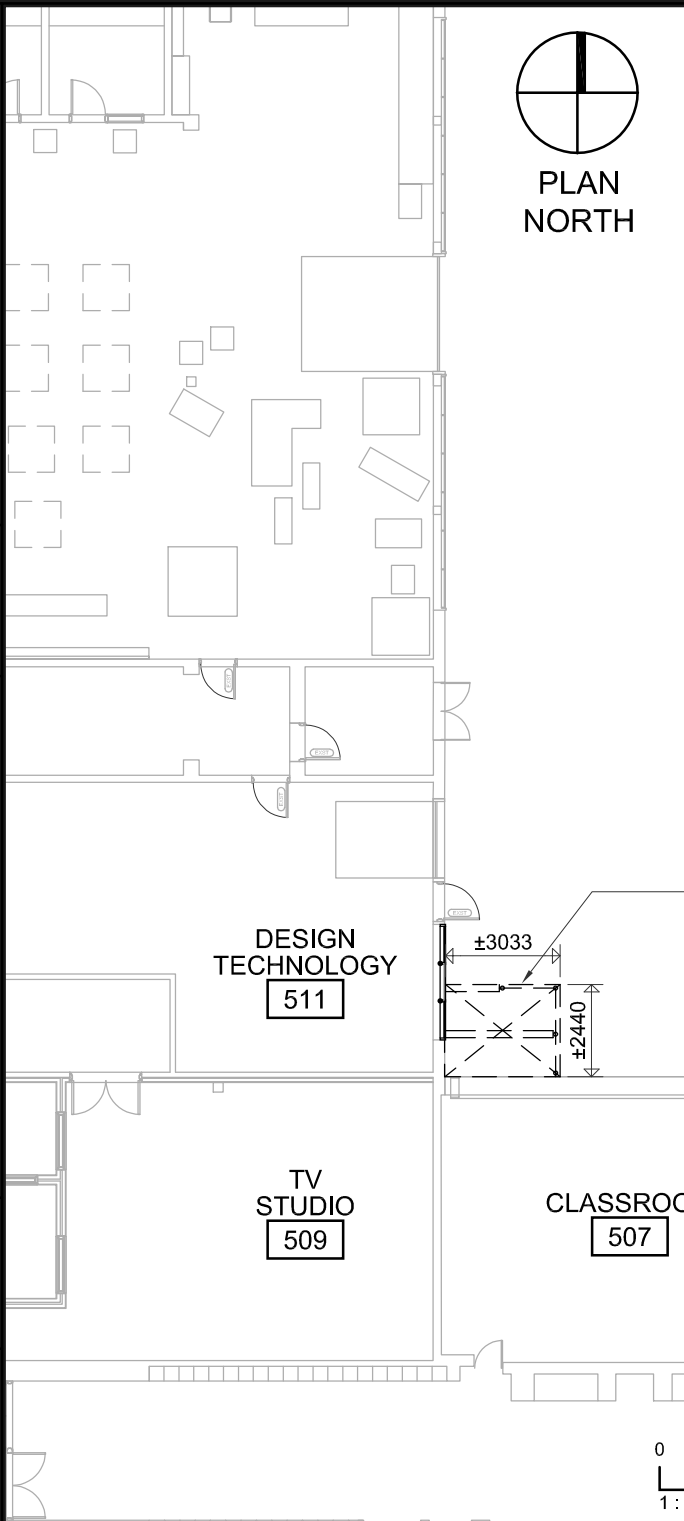
1.4 MECHANICAL/ ELECTRICAL

.1 REFER TO THE ATTACHED MECHANICAL & ELECTRICAL ADDENDUM #1 PREPARED BY MNE ENGINEERING LTD. DATED 12 APRIL 2024 (9 PAGES).

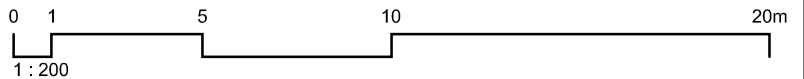
END OF ADDENDUM 01

+ Drawings ASK-001, A1.2R, A2.1R, A4.1R, A5.1R;
Reissued Drawing S2.01;
Mechanical/ Electrical Addendum (9 pages)

N:\Projects\1065 WRDSB Small Projects 2022-2023\1065G - Waterloo-Oxford District Secondary School\DRAWINGS\TECHNICAL\1065G-A1-DEMOLITION.dwg, 2024 Apr 11, 11:11 am
 2024-04-12 ISSUED FOR ADDENDUM #1



REMOVE EXISTING GAS STORAGE ENCLOSURE IN ITS ENTIRETY INCLUDING: ALL ROOFING MATERIAL, CONC. BLOCK WALLS, CHAIN LINK FENCING, GATES, AND POSTS. REMOVE FLASHING AND CLEAN OFF ADHESIVES AT EXISTING EXTERIOR WALLS



2
 ASK-001
ENLARGED FLOOR PLAN

Waterloo-Oxford District Secondary School
 FAMILY STUDIES RENOVATION & HVAC UPGRADES 1206 Snyder's Rd. W, Baden, ON

Project No.:
 1065G

PARTIAL GROUND FLOOR PLAN

Plot Date:
 2024-4-11

REF. DWG: A1.2R

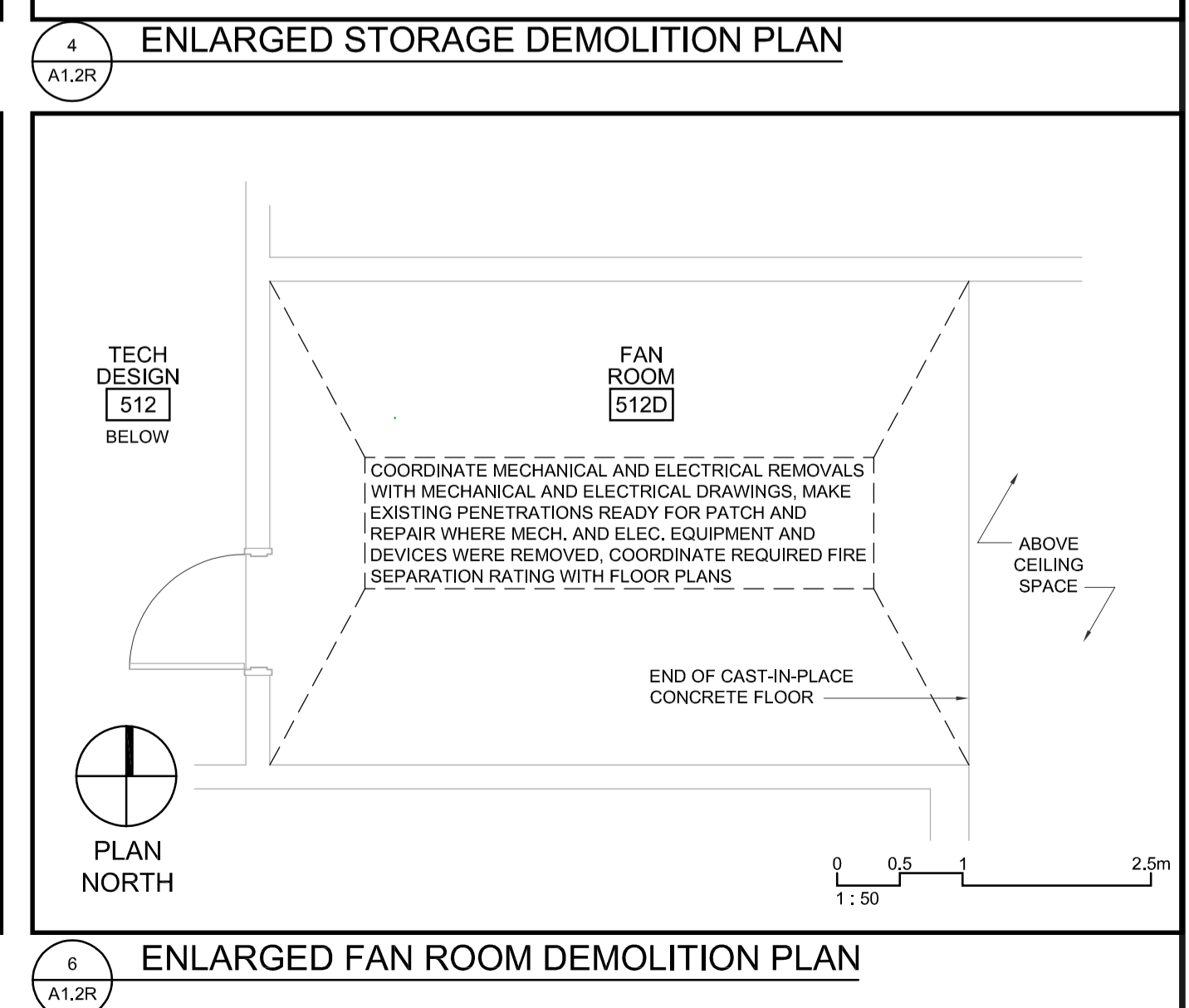
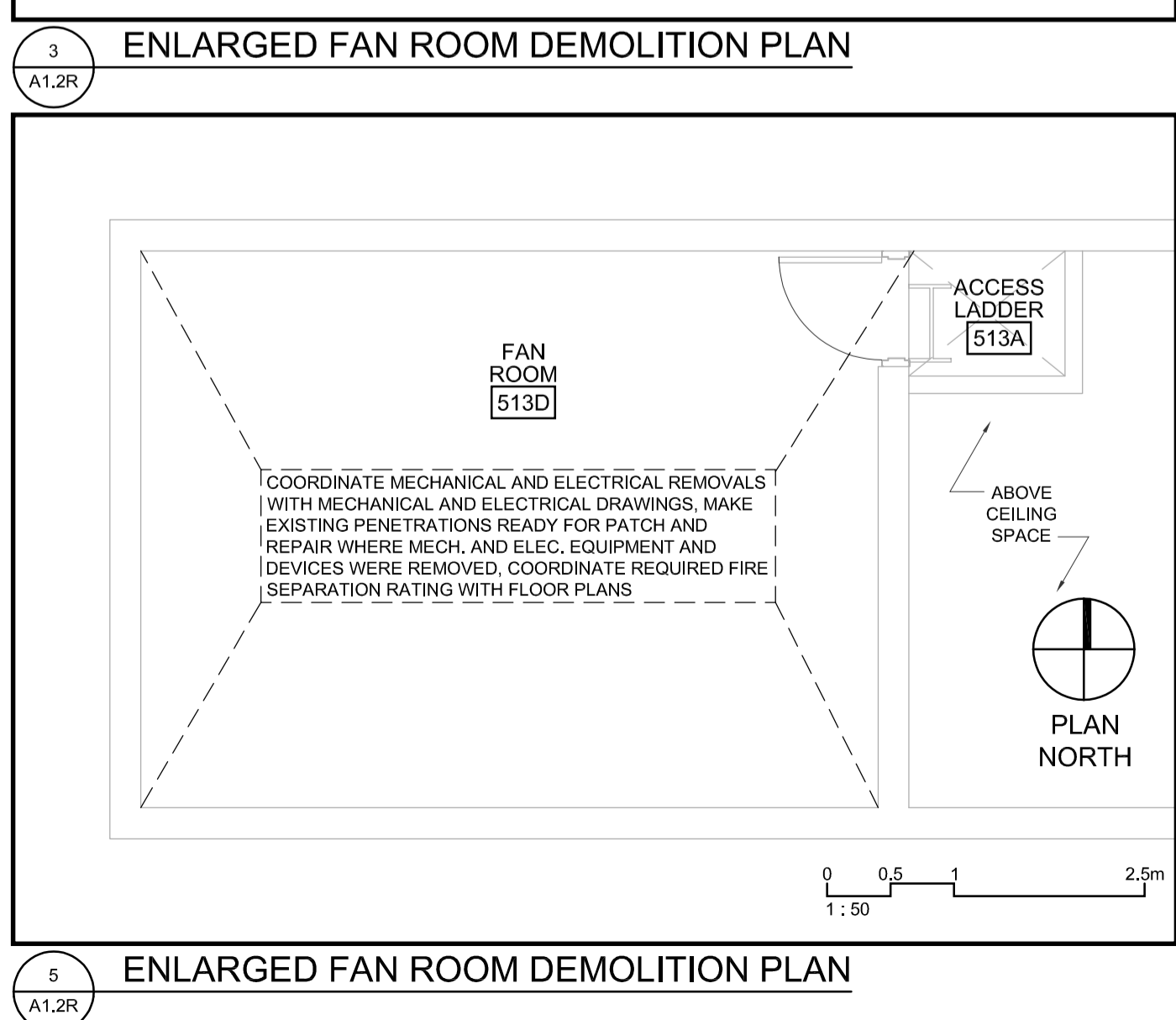
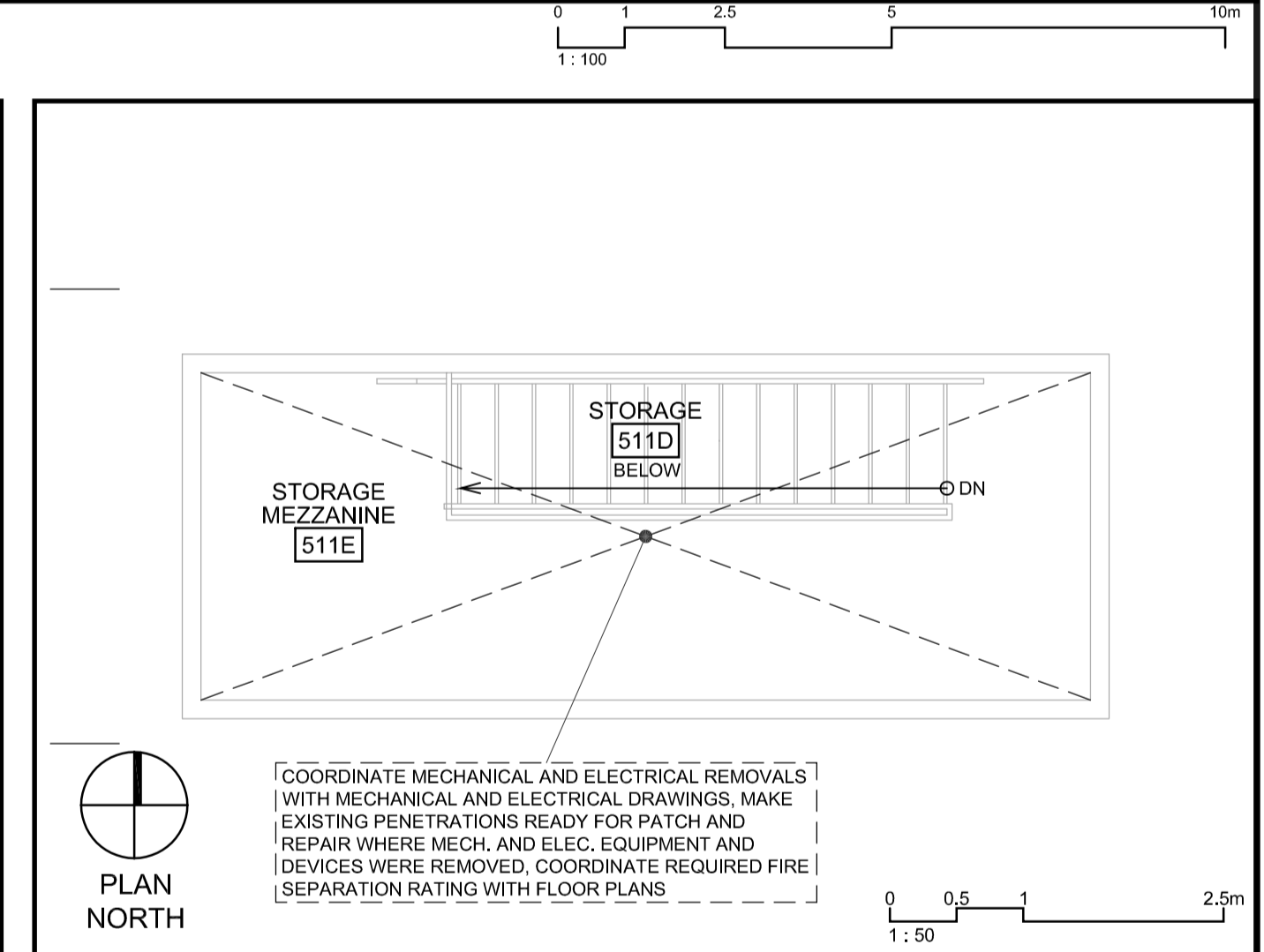
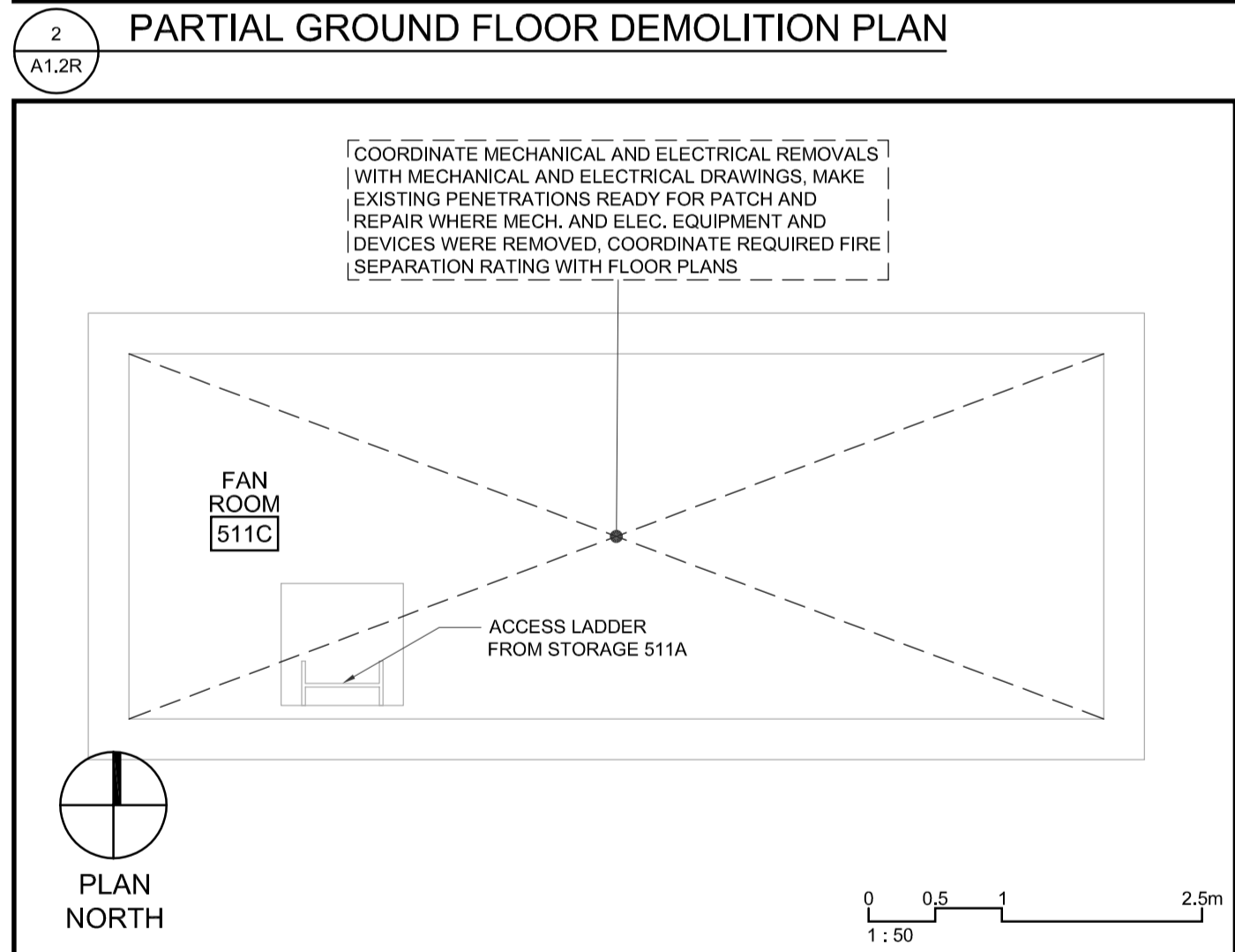
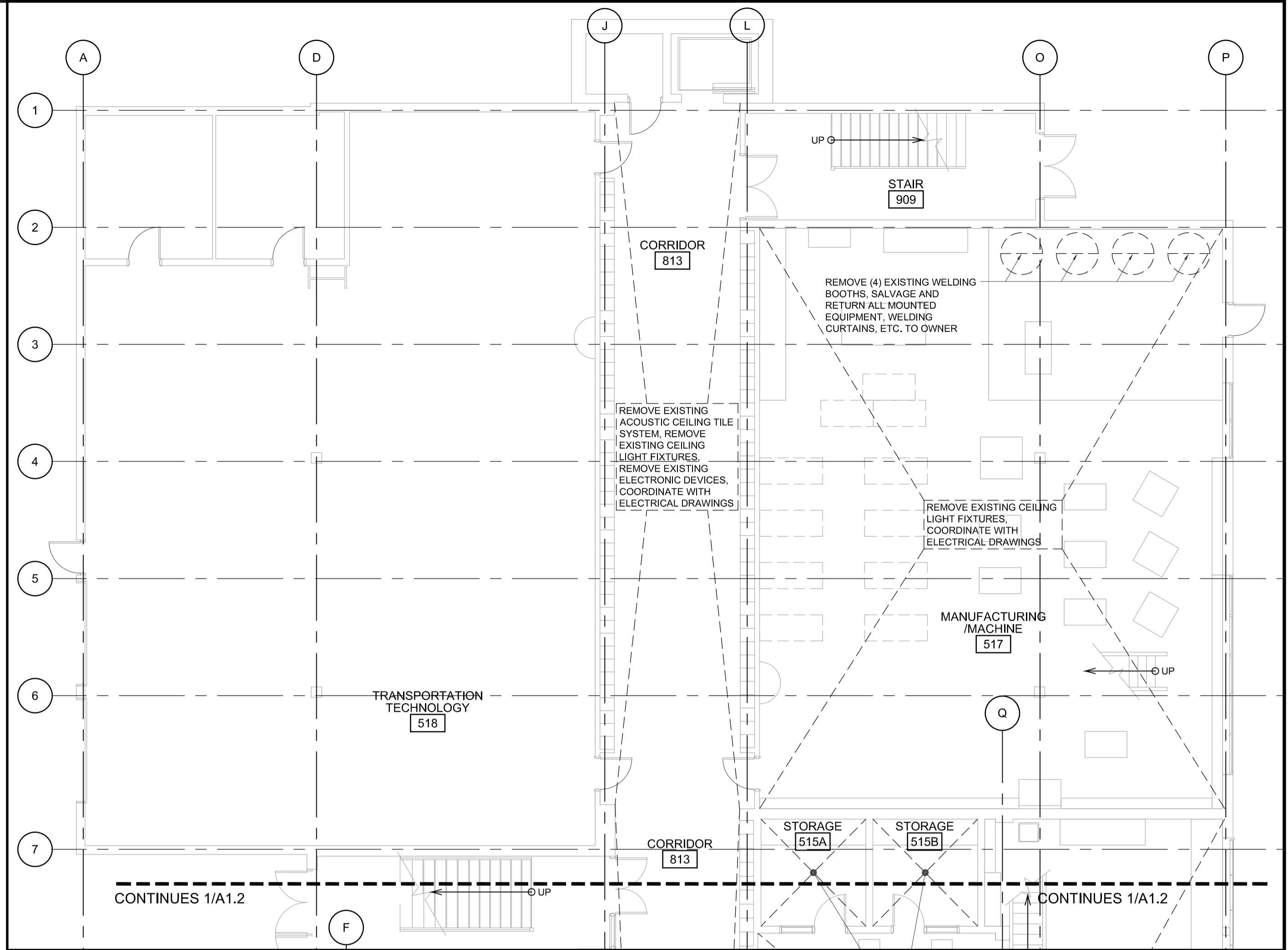
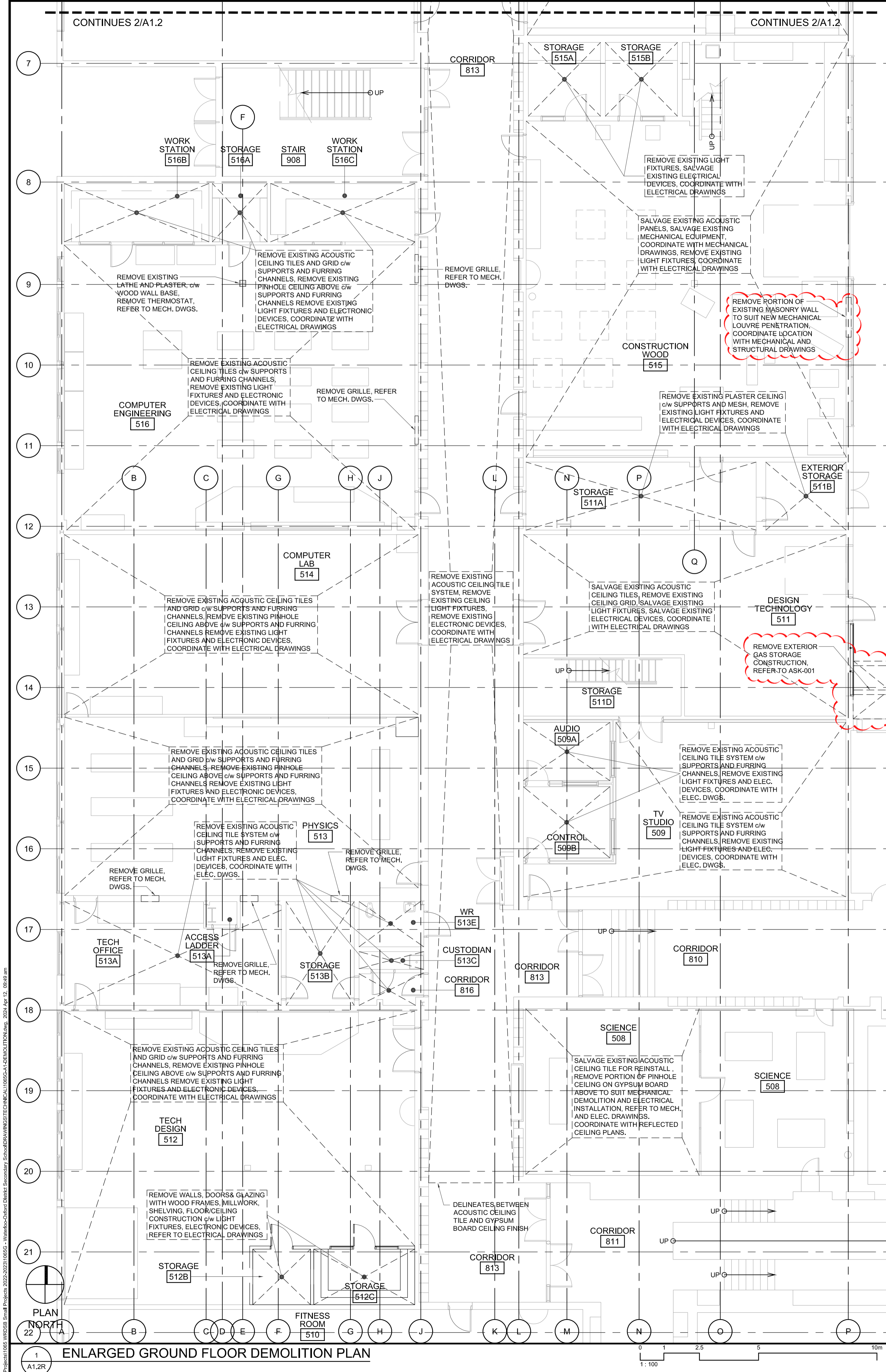
CORNERSTONE
 ARCHITECTURE

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cornerstonearchitecture.ca

ASK-001

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1:50

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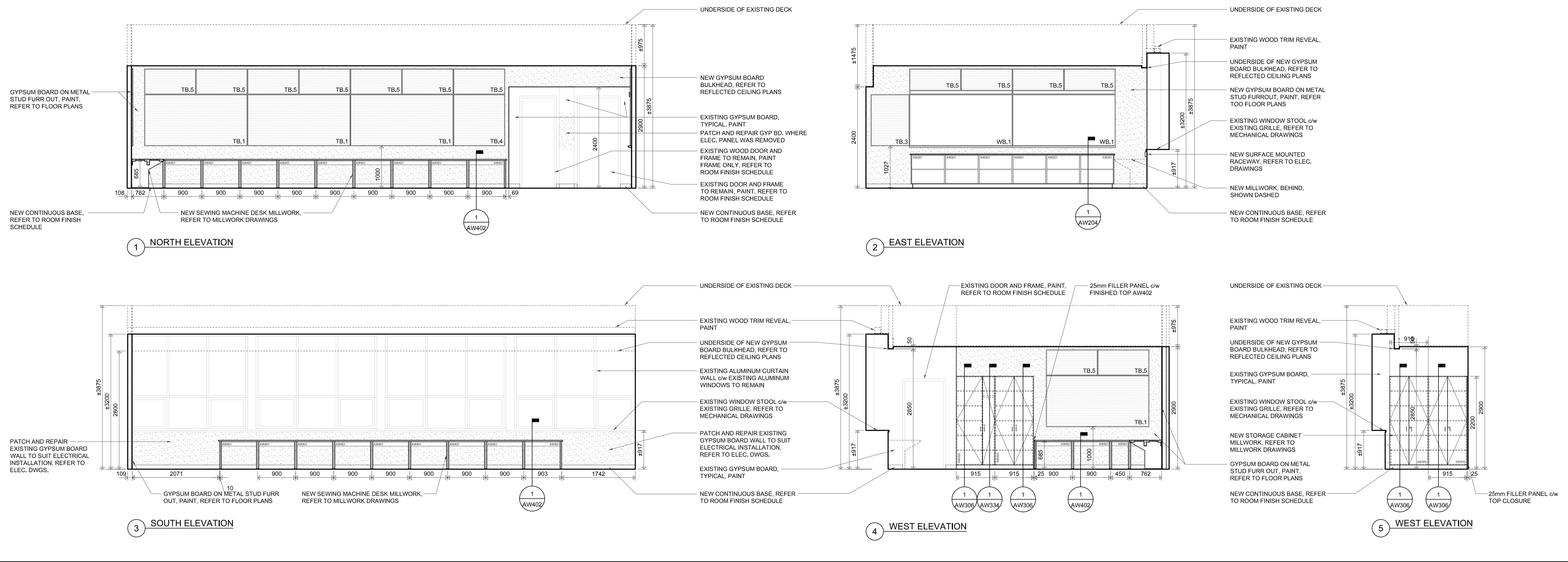
ISSUED FOR OWNER REVIEW
 2024-03-22
 ISSUED FOR TENDER
 2024-03-26
 REISSUED FOR ADDENDUM #1
 2024-04-12



Waterloo-Oxford District Secondary School
 FAMILY STUDIES RENOVATION & HVAC UPGRADES
 1206 Snyder's Rd. W. Baden, ON
 Project No.: 1065G
 Drawn By: JNL
 Revised: 2024-4-12

**PARTIAL GROUND FLOOR DEMOLITION PLANS
 AND ENLARGED FAN AND STORAGE ROOM
 DEMOLITION PLANS**

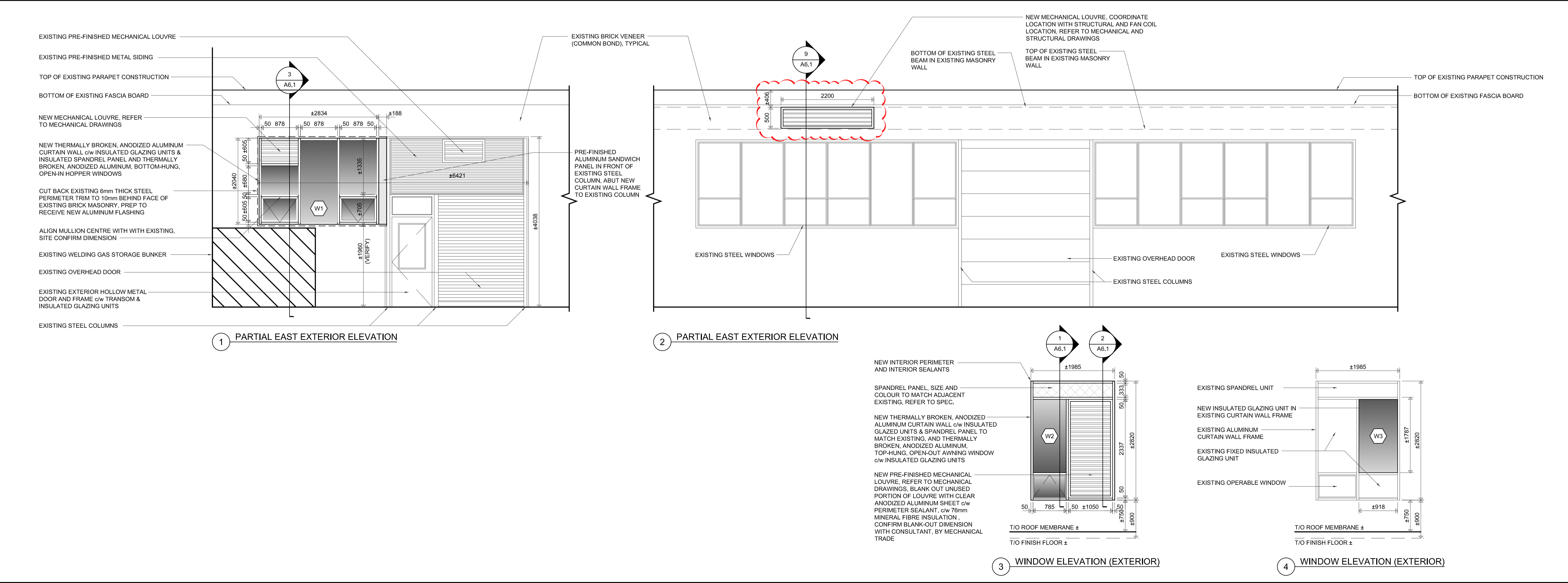
A1.2R



1 INTERIOR ELEVATIONS

A5.1R

Scale: 1:50



2 PARTIAL EXTERIOR ELEVATIONS AND FRAME ELEVATIONS

A5.1R

Scale: 1:50

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Waterloo Region District School Board

Waterloo-Oxford District Secondary School

FAMILY STUDIES RENOVATION & HVAC UPGRADES

1206 Snyder's Rd W. Baden, ON

Project No.: 1065G

Drawn By: JNL

Reviewed: 2024-4-11

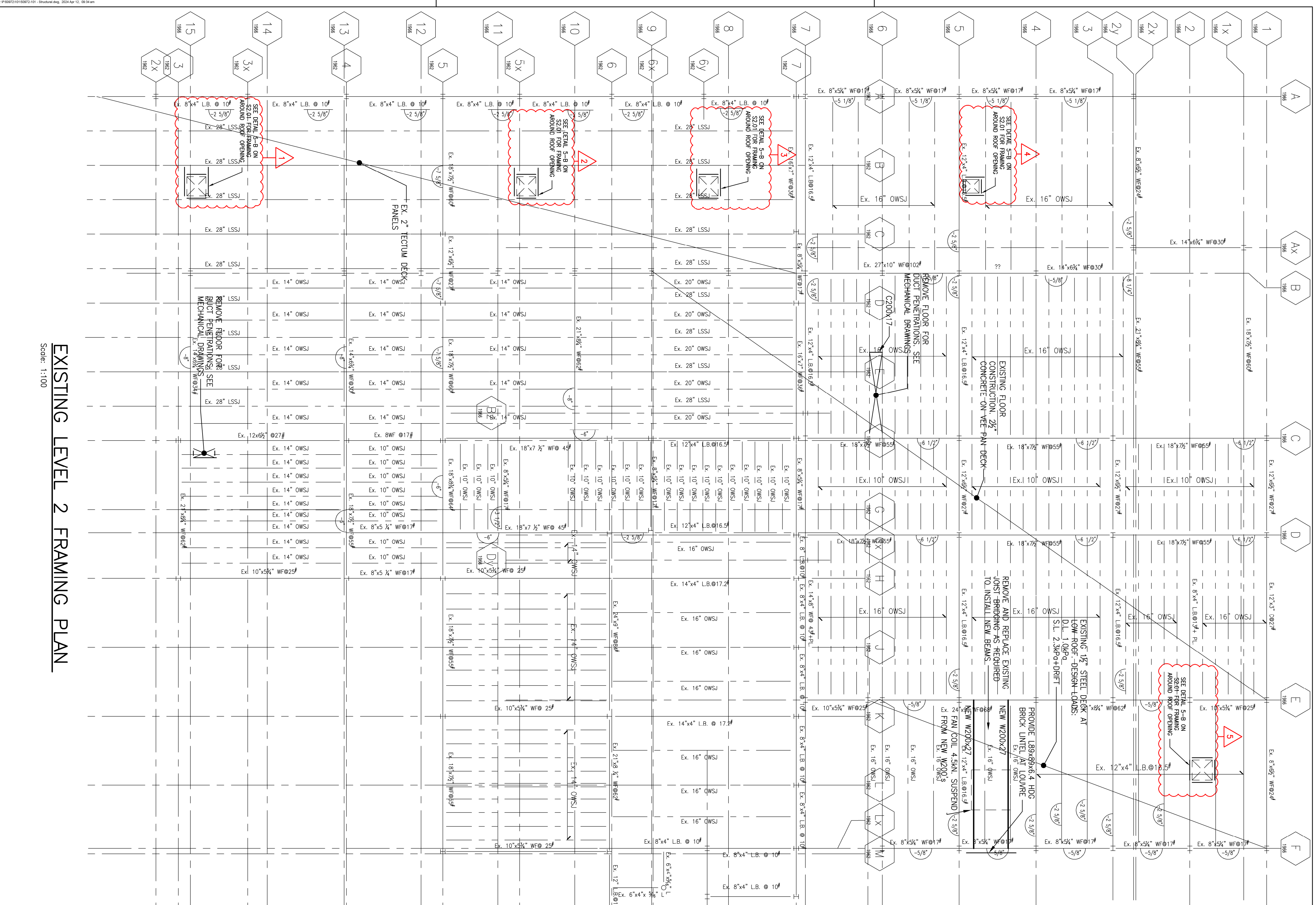
ISSUED FOR OWNER REVIEW

ISSUED FOR TENDER

RESUBMITTED FOR ADDENDUM #1

INTERIOR & EXTERIOR ELEVATIONS

A5.1R



ADDENDUM 01

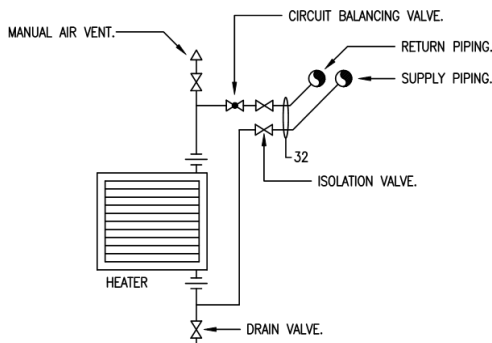
To:	Cornerstone Architecture	Date:	April 12, 2024
		Project:	Waterloo-Oxford District Secondary School Family Studies Renovations & HVAC Upgrades
cc:	WRDSB	Project No:	24008

This addendum forms part of the contract documents and amends the drawings and specifications.

Mechanical

1. Reference M1.2
 - a. In Diffuser & Grille Schedule, revise diffuser D Manufacturer & Model to Krueger 1450A-F23-24X24-00-00-44.
 - b. In Rooftop Unit Schedule:
 - i. Revise HVAC-10 supply air flow external static pressure to 1.4" WC.
 - ii. Revise HVAC-11 supply air flow external static pressure to 1.8" WC.
 - iii. Remove roof curb from rooftop unit HVAC-10,11 Remarks.

2. Reference M1.3
 - a. Add Unit Heater Piping Detail as per below:



3. Reference 1/M2.1
 - a. To suit relocation of compressed gas storage from outside 511 Design Technology, remove redundant gas piping from storage area, on exterior wall and in 511 Design Technology.
 - b. In 813 Corridor, remove asbestos-containing firespray from gas piping to be removed.

4. Reference 1/M2.1 and 1/M3.1
 - a. Revise 511A Storage as per attached sketch SK-M01.
 - b. Revise 515A and 515B room names to 515A Storage and 515B Storage.
5. Reference 2/M2.1
 - a. In 517 Manufacturing/Machine, remove exhaust fan on north wall complete with louvre, controls, etc.
6. Reference 2/M2.1 and 2/M3.1
 - a. In 517 Manufacturing/Machine, relocate compressed air outlet on north wall approximately 12' (3.6m) to the west to suit installation of electrical panel.
7. Reference 1/M2.2
 - a. In 534 Computer Lab, remove window air conditioner (and turn over to the Owner) on west wall complete with controls, etc.
 - b. In 534 Computer Lab, remove pneumatic thermostat in southeast corner complete with pneumatic tubing (cap at main).
8. Reference 2/M2.2 and 2/M3.2
 - a. Revise gas piping on roof as per attached sketches SK-M03 and SK-M04.
 - b. In 517 Manufacturing/Machine, remove pneumatic controls for one fan coil (complete with one thermostat) and provide BAS controls.
 - c. In 518 Automotive, remove pneumatic controls for two fan coils (complete with one thermostat) and one unit heater (complete with one thermostat) and provide BAS controls.
9. Reference M3.1
 - a. Add the following to note 18, 'Provide heating water valving, etc. as per detail. Provide BAS controls.'
 - b. Add note 21 to read, 'Provide BAS controls for ex force flow heater complete with wall-mounted temperature sensor.'
10. Reference 1/M3.1
 - a. Add note 20 at fan coil FC-5 outdoor air louvre to read, "Provide two side-by-side 44"x16" (1100mm x 400mm) louvres & adjust ductwork to suit. Coordinate with architectural & structural drawings as well as site conditions."
 - b. In 513 Physics and 514 Computer Room, replace note 4 at relief caps with note 5.
 - c. In 515 Construction/Wood, add UH-1 to FC-5 temperature / CO2 sensor.
 - d. Add note 21 at force flow heater in Stair 908.
11. Reference 2/M3.1
 - a. Revise weld booth exhaust air system in 517 Manufacturing/Machine as per attached sketch SK-M02.
 - b. Add note 21 at force flow heater in Stair 909.

12. Reference 3/M3.1

- a. For exhaust fans EF-13 and EF-16, provide BAS controls (status only) and adjust fan coil FC-5 outdoor air flow to suit.

13. Reference 2/M3.2

Replace note 3 at rooftop units HVAC-10,11 with note 28 to read, 'Install rooftop unit on structural framing above roof. Location to be confirmed on site & coordinated with Structural Engineer. Confirm all clearances with ex rooftop unit flue gas / outdoor air intakes (1.8m) & ex plumbing vents (3m) are satisfied. Provide exterior supply & return air ductwork between bottom of rooftop unit to roof penetrations (as per detail). Provide flexible ductwork connections inside building.'

Electrical

1. Reference 1/E2.1 & 1/E2.2.

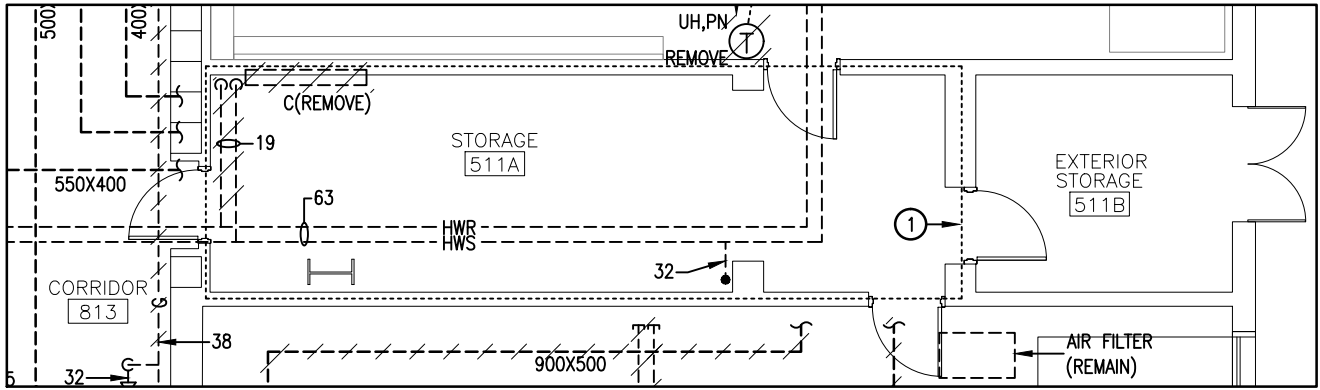
- a. Delete exhaust fan identified by SD6,8,10 within Manufacturing/Machine 517.
- i Remove associated starter and controls.
 - ii Remove branch wiring back to source and make safe.
 - iii Update directory for panel LP-SD.

2. Reference 1/E3.1, E4.1 & SK-E01.

- a. Revise lighting controls within Exterior Storage 511B.
- i Delete provision of two three-way light switches.
 - ii Provide new wall mounted occupancy sensor type '\$O'.
- b. To accommodate the newly created Electrical Room 511F:
- i Rework existing ceiling mounted conduits to accommodate new wall installation. Wall by others. Seal all rated penetrations.
 - ii Relocate new distribution equipment. Coordinate installations with existing compressor and existing mechanical equipment.
 - iii Relocate horn/strobe to 511F.
 - iv Relocate two of the new type 'HA' luminaire in 511F.
 - v Relocate one of the new type 'HA' luminaire in 511A.
 - vi Provide one additional type 'HA' luminaire in 511A.
 - vii Delete provision of two three-way light switches.
 - viii Provide one wall mounted occupancy sensor type '\$O' in 511A.
 - ix Provide one light switch in 511F.
 - x Delete provision of one type 'EBA' emergency luminaire.
 - xi Provide one type 'EBB' emergency luminaire in 511F.
 - xii Relocate the one heat detector labeled 'RELD' to 511F.
 - xiii Provide one new heat detector in 511A.
 - xiv Provide the following for new exhaust fan EF-3 (120V-1PH, 1.6A). Coordinate with mechanical.
 - Provide 15A-1P breaker and branch wiring from TWB25.
 - Install new reverse acting thermostat for controls. Thermostat supplied by mechanical trade.
 - Provide electrical connections from TWB21 for two additional fire-smoke dampers between the wall of 511F & 813.
 - Provide a fire alarm relay for shutdown of EF-3.

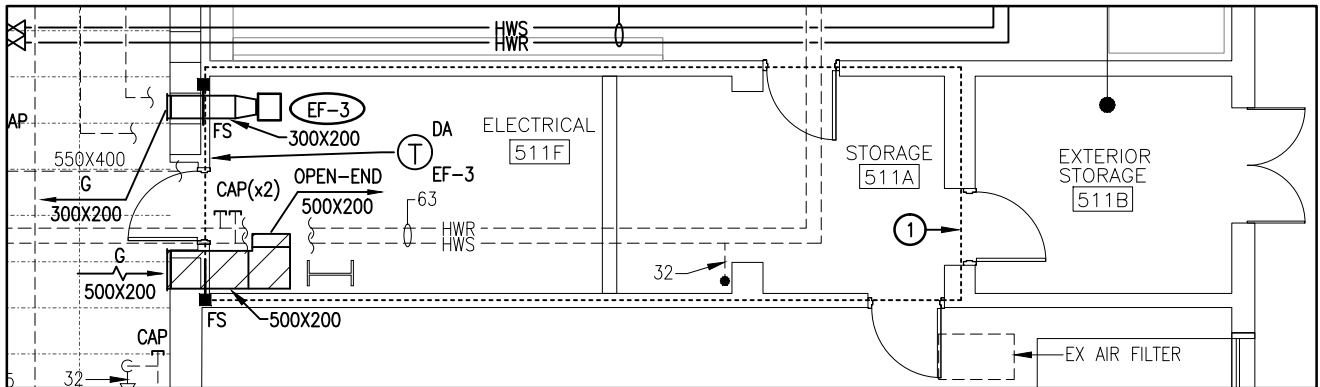
- Provide one new ceiling mounted smoke detector in 511F & one new ceiling mounted smoke detector in 813. Smoke detectors shall be mounted within 1.5m of new fire-smoke dampers.
 - Interlock new smoke detectors with smoke dampers. Refer to 6/E4.3 for fire smoke damper wiring schematic.
 - Revise key plan note 'K1' to include an additional initiating zone: Exhaust Fan EF-3.
3. Reference 1/E2.1 & 1/E3.1.
- a. Relabel DECORATING ROOM 515A to STORAGE ROOM 515A.
 - b. Relabel DECORATING ROOM 515B to STORAGE ROOM 515B.
4. Reference 1/E3.2, Wiring for Equipment Schedule, Panel 'TWB' Schedule, and Panel 'TWA' Schedule.
- a. Revise EF-1 requirements as follows:
 - i 600V, 3PH, 3.9FLA.
 - ii Delete provision of new 15A-3P breaker and branch wiring from TWB15,13,17.
 - iii Provide 15A-3P breaker and branch wiring from TWA19,21,23 for EF-1.

End of Addendum



PARTIAL GROUND FLOOR DEMOLITION PLAN

SCALE: 1:100



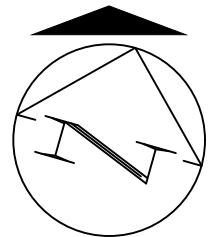
PARTIAL GROUND FLOOR RENOVATION PLAN

SCALE: 1:100

EXHAUST FAN SCHEDULE

SYMBOL	DESCRIPTION	SUPPLIER & MODEL	REMARKS
EF-3	ELECTRICAL ROOM EXHAUST FAN 240 CFM (115 L/S) AT 0.3" WC (0.06 KPA) ESP	PENNBARRY ZEPHYR Z8H	120-1-60, 1.6 AMPS. PROVIDE PLUG TYPE DISCONNECT, THERMAL OVERLOAD PROTECTION, BACKDRAFT DAMPER, SPEED CONTROLLER, TYPE 'RA' DISCHARGE (CEILING MOUNTED) C/W CEILING GRILLE, WALL-MOUNTED 120V DIRECT ACTING THERMOSTAT, NEOPRENE ISOLATORS AT ALL SUPPORT POINTS.

PROJECT NORTH



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PROJECT: WODSS FASHION STUDIES & HVAC UPGRADES

DRAWING: 511A STORAGE REVISIONS

DWG NO: SK-M01

JOB NO: 24008

SCALE: AS NOTED

DRAWING BY: J.S.S.

DATE: APRIL 2024

CHECKED BY: K.K.

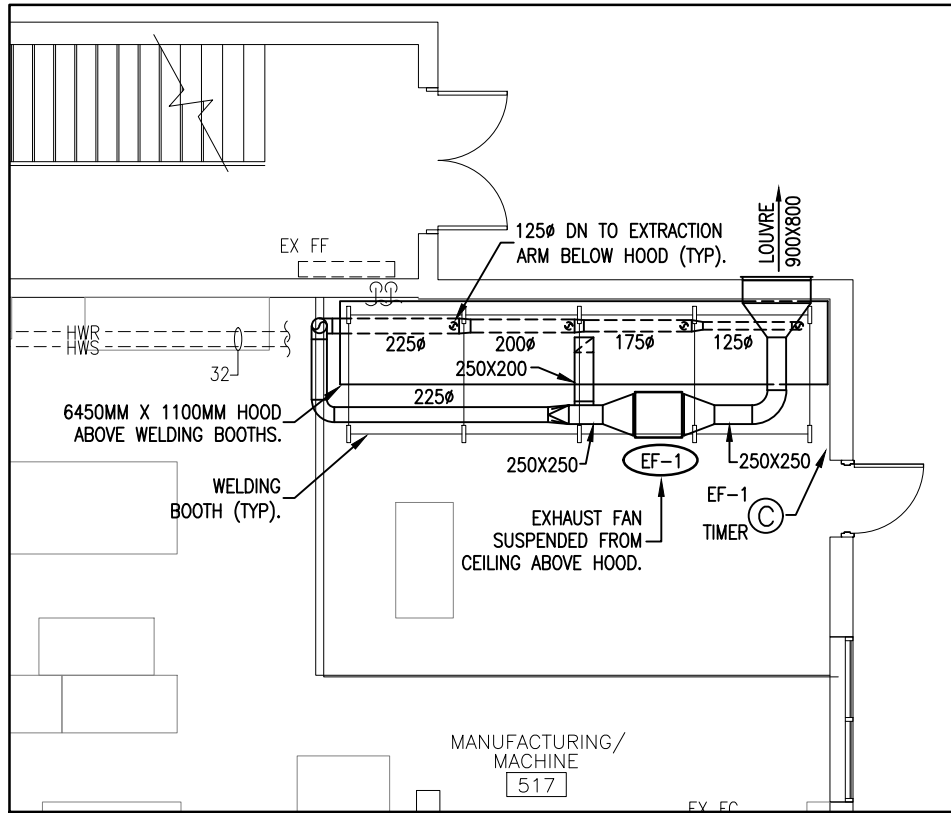
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01 ADDENDUM 01

REV# REVISION

CLIENT: CORNERSTONE ARCHITECT INC.

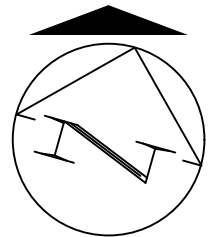


PARTIAL GROUND FLOOR RENOVATION PLAN
 SCALE: 1:100

EXHAUST FAN SCHEDULE

SYMBOL	DESCRIPTION	SUPPLIER & MODEL	REMARKS
EF-1	WELDING EXHAUST FAN 1500 CFM (710 L/S) AT 4.4" WC (1.09 KPA) ESP	COOK 165SQN-HP	575-3-60, FLA=3.9 AMPS, 3 HP. PROVIDE PREMIUM EFFICIENCY BELT-DRIVE MOTOR, THERMAL OVERLOAD PROTECTION, PERMANENTLY LUBRICATED BALL BEARING MOTOR, GRAVITY BACKDRAFT DAMPER, BELT GUARD, FLANGED INLET/OUTLET, SPEED CONTROLLER, NEOPRENE ISOLATORS AT ALL SUPPORT POINTS.

PROJECT NORTH



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PROJECT: WODSS FASHION STUDIES & HVAC UPGRADES

DRAWING: 517 WELD BOOTH REVISIONS

DWG NO: SK-M02

JOB NO: 24008

SCALE: AS NOTED

DRAWING BY: J.S.S.

DATE: APRIL 2024

CHECKED BY: K.K.

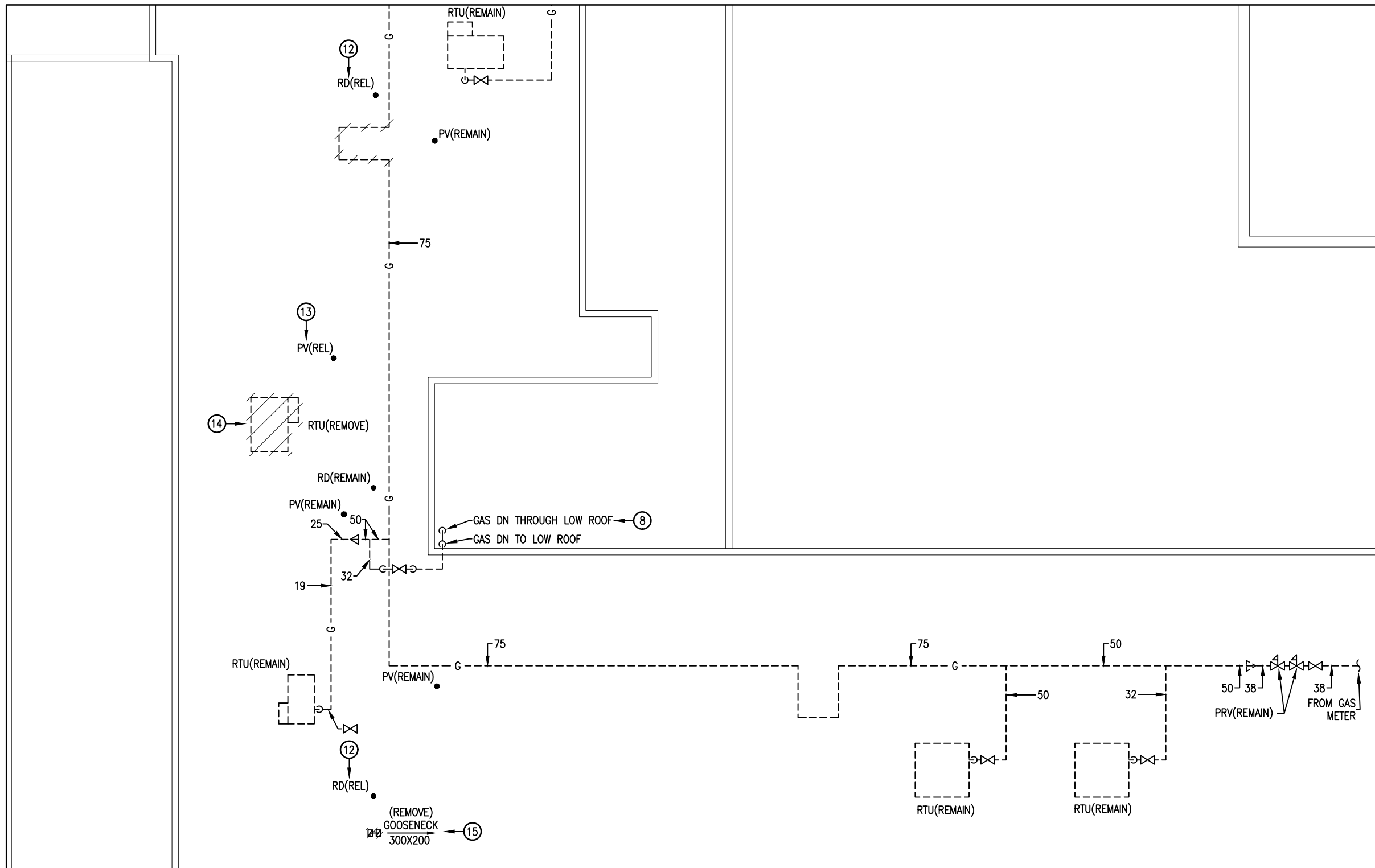
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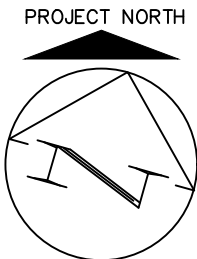
01 ADDENDUM 01

REV# REVISION

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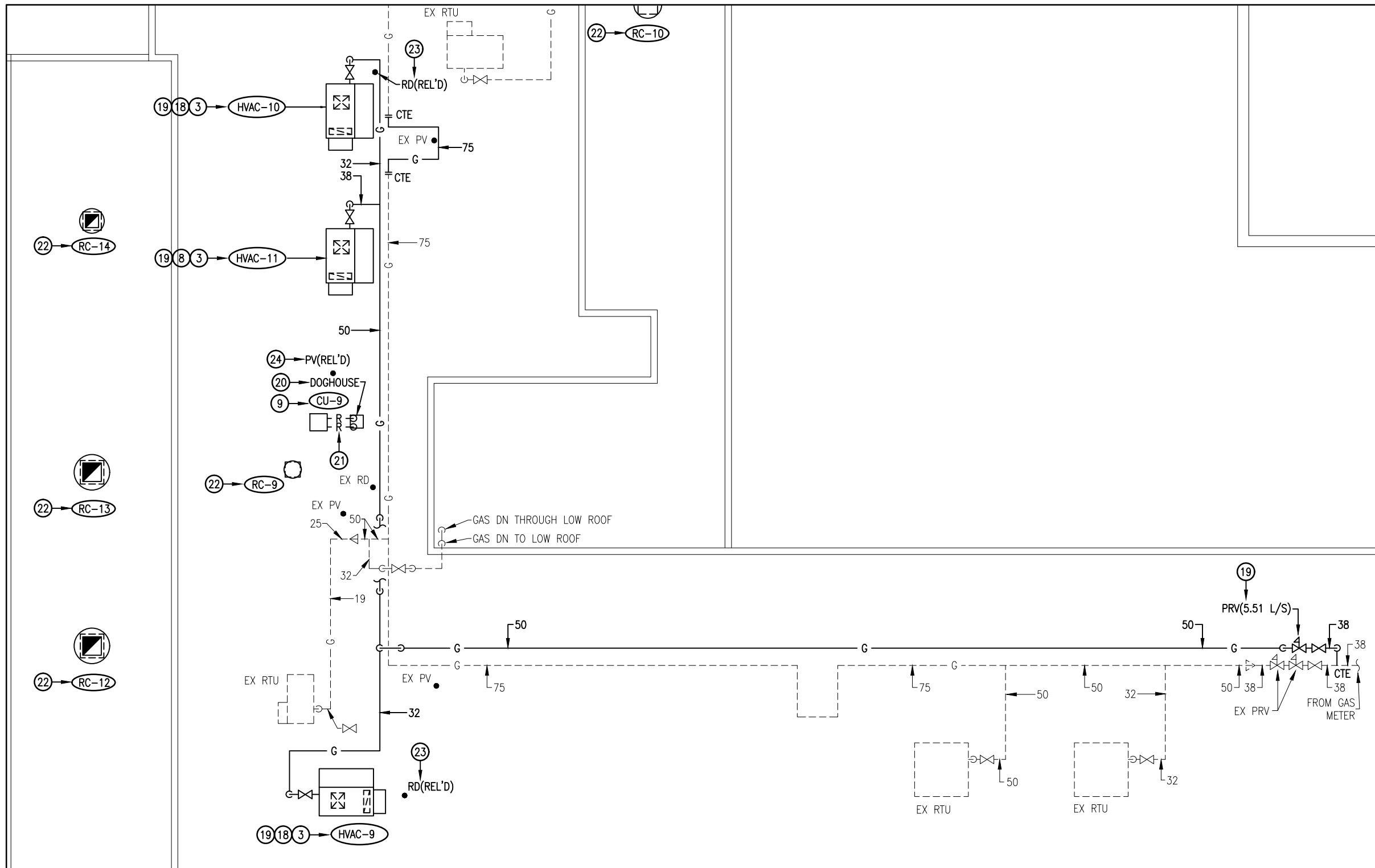


PARTIAL ROOF DEMOLITION PLAN
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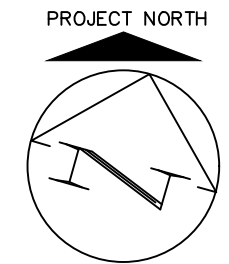


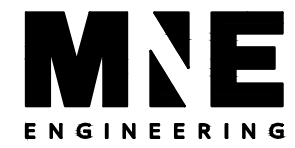
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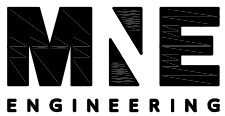
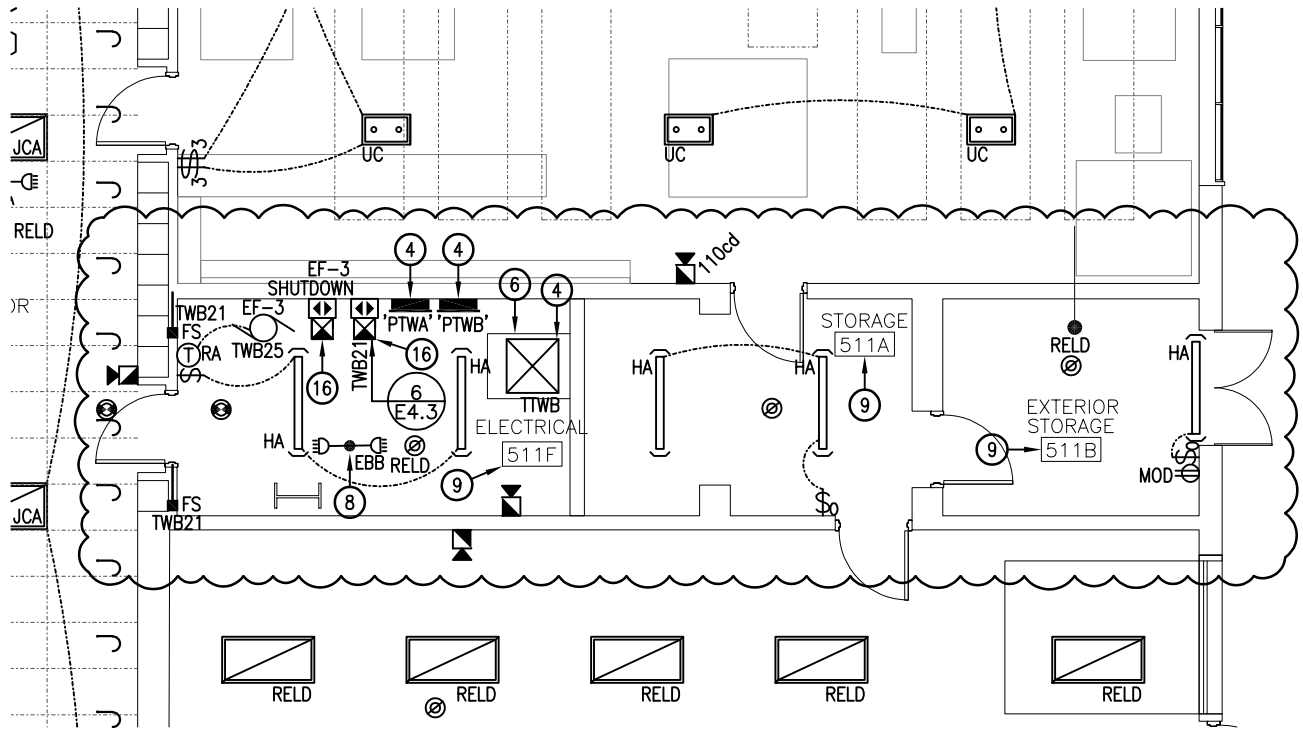
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DRAWING:	GAS PIPING REVISIONS	02	
DWG NO:	SK-M03	JOB NO:	24008
SCALE:	AS NOTED	DRAWING BY:	J.S.S.
DATE:	APRIL 2024	CHECKED BY:	K.K.
		01	ADDENDUM 01
		REV#	REVISION
		CLIENT:	CORNERSTONE ARCHITECT INC.



PARTIAL ROOF RENOVATION PLAN
SCALE: 1:200



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		DRAWING: GAS PIPING REVISIONS	02		
		DWG NO: SK-M04	JOB NO: 24008	01	ADDENDUM 01
		SCALE: AS NOTED	DRAWING BY: J.S.S.	REV#	REVISION
		DATE: APRIL 2024	CHECKED BY: K.K.	CLIENT:	CORNERSTONE ARCHITECT INC.



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PROJECT: WODSS FASHION STUDIES & HVAC UPGRADES	
DRAWING: REVISED ELECTRICAL PLAN	
DWG NO: SK-E01	JOB NO: 24008
SCALE: N.T.S.	DRAWING BY: A.T.
DATE: APRIL 2024	CHECKED BY: C.W.

03	
02	
01	ADDENDUM 01
REV#	REVISION
CLIENT: CORNERSTONE ARCHITECT INC.	