

ADDENDUM NO. 1

September 14, 2026

**Perry Meridian High School Phase 2 Renovations
401 W. Meridian School Road
Indianapolis, IN 46217**

TO: ALL BIDDERS OF RECORD

This Addendum forms a part of and modifies the Bidding Requirements, Contract Forms, Contract Conditions, the Specifications, and the Drawings dated August 21, 2026, by Lancer Associates Architecture. Acknowledge receipt of the Addendum in the space provided on the Bid Form. Failure to do so may subject the Bidder to disqualification.

This Addendum consists of Pages ADD 1-1 through ADD 1-2, Guideline Schedule, Phasing Plan and Lancer Associates Architecture Addendum No. 1, dated September 11, 2026, consisting of twelve (12) pages, Specification Section, 05 52 10 – Pipe and Tube Railings, 08 71 00 Hardware Sets, 23 74 16.11 – Packaged, Small Capacity, Rooftop Air-Conditioning Units and Addendum 1 Drawings: C-6.1, C-6.3, C-6.4, C-7.1, C-7.3, C-7.4, S101, S500, S502, AD102D, AD102E, A102D, A102E, A141, A201, A202, A601, A721A, A722E, A731, A754, A765, MD108, MH108, ED108, EL106, EL108, EP103, & EP108

A. SPECIFICATION SECTION 00 00 20 - TABLE OF CONTENTS

1. ADD The Following Specification Sections:

Specification Section 05 52 10 Pipe and Tube Railings

Specification Section 23 74 16.11 Packaged, Small-Capacity, Rooftop Air-Conditioning Units

2. REPLACE 08 71 00 Hardware Sets with the attached.

B. SPECIFICATION SECTION 01 12 00 MULTIPLE CONTRACT SUMMARY

1. Paragraph 3.02 Bid Categories

B. PROVIDED BY ALL CONTRACTORS AS APPLICABLE

Add the Following Clarification:

Reference the included Site Phasing Plan; The civil scope of work indicated as Phase 1 Improvements has been previously awarded to other contractors. All work within the Phase 2 Improvements area are to be included under this bid package including all work indicated in exterior elevations and roofing plans.

2. Paragraph 3.03 Bid Categories

A. Bid Category No. 1 – GENERAL TRADES

Add the following Specification Sections:

05 52 10 Pipe and Tube Railings

J. Bid Category No. 10 – PLUMBING & MECHANICAL

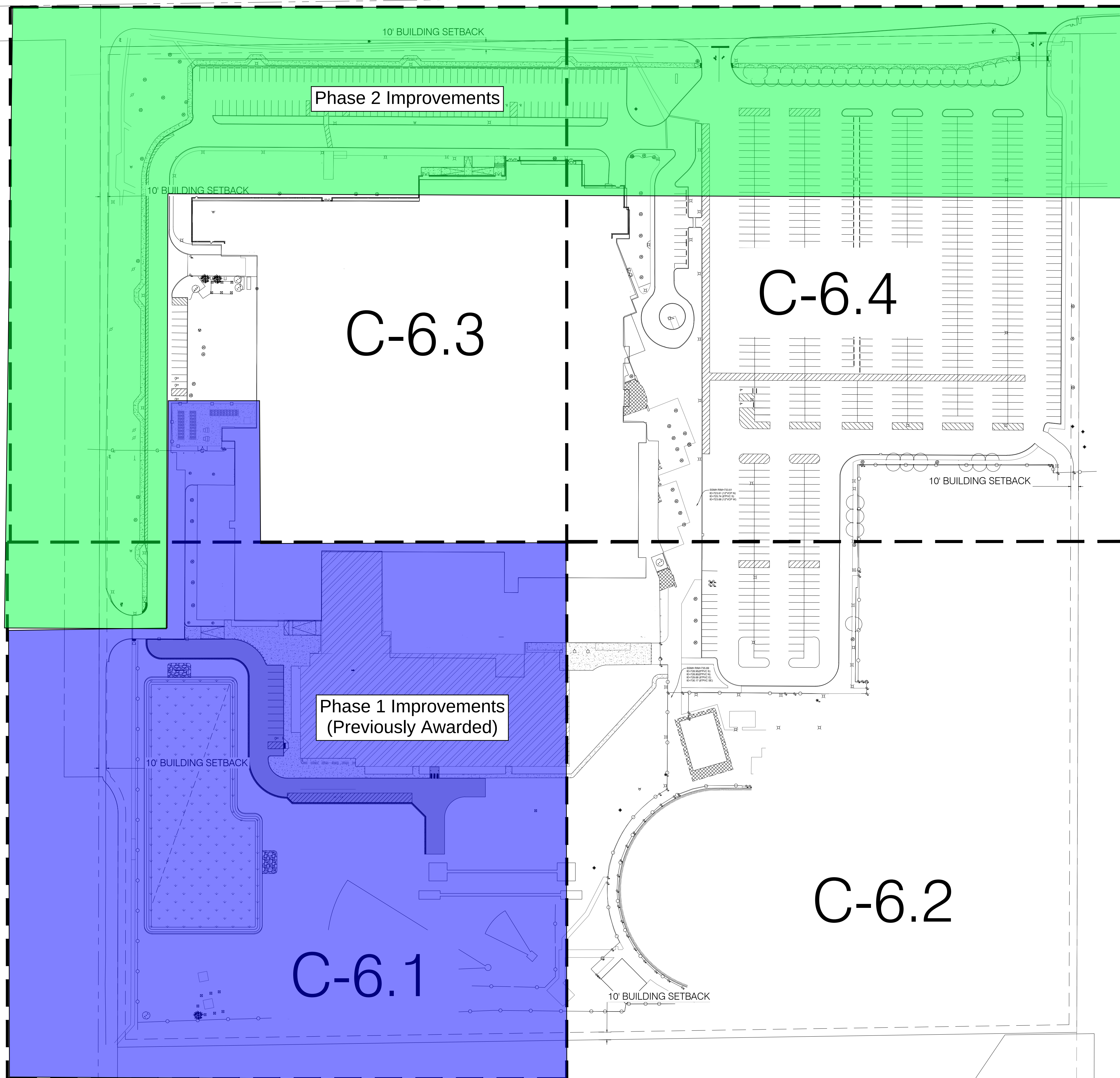
Add the following Specification Sections:

23 74 16.11 Packaged, Small-Capacity, Rooftop Air-Conditioning Units

C. SPECIFICATION SECTION 01 32 00 - SCHEDULES AND REPORTS

1. ADD:

Insert the included Guideline Schedule and Phasing Schedule.



Phase 2 Improvements

C-6.3

C-6.4

Phase 1 Improvements
(Previously Awarded)

C-6.1

C-6.2

Activity Name	Original Duration	Start	Finish	2027												2028												2029												2030											
				S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	Jul	Aug												
PTS Perry Meridian HS Phase 2 Renovations	501	Sep-03-2026 A	Aug-14-2028	Aug-14-2028, PTS Perry Meridian HS Phase 2 Renovations																																															
Project Administration	501	Sep-03-2026 A	Aug-14-2028	Aug-14-2028, Project Administration																																															
Bid Phase	21	Sep-03-2026 A	Oct-01-2026	Bid Phase																																															
Pre-Bid Meeting	1	Sep-15-2026	Sep-15-2026	Pre-Bid Meeting																																															
Bid Opening	0		Oct-01-2026	Bid Opening																																															
Pre-Award Conferences	4	Oct-02-2026	Oct-07-2026	Pre-Award Conferences																																															
Award Recommendation	1	Oct-26-2026	Oct-26-2026	Award Recommendation																																															
Notice to Proceed	0	Oct-27-2026		Notice to Proceed																																															
Submittals and Color Verification	120	Oct-27-2026	Apr-12-2027	Submittals and Color Verification																																															
Start Construction	0	Dec-21-2026		Start Construction																																															
Winter Break 2026	10	Dec-21-2026*	Jan-01-2027	Winter Break 2026																																															
Spring Break 2027	10	Mar-22-2027*	Apr-02-2027	Spring Break 2027																																															
Last Day of School 2027	0		May-27-2027*	Last Day of School 2027																																															
Classroom Renovation Substantial Completion	0		Jul-16-2027	Classroom Renovation Substantial Completion																																															
First Day of School 2027	0	Jul-28-2027*		First Day of School 2027																																															
Fall Break 2027	10	Oct-04-2027*	Oct-15-2027	Fall Break 2027																																															
Music Renovation Substantial Completion	0		Oct-13-2027	Music Renovation Substantial Completion																																															
Winter Break 2027	10	Dec-20-2027*	Dec-31-2027	Winter Break 2027																																															
Spring Break 2028	10	Mar-27-2028*	Apr-07-2028	Spring Break 2028																																															
Culinary, Arts and Life Skill Renovation Substantial Completion	0		Mar-31-2028	Culinary, Arts and Life Skill Renovation Substantial Completion																																															
Last Day of School 2028	0		May-24-2028*	Last Day of School 2028																																															
Locker Room Substantial Completion	0		Jul-14-2028	Locker Room Substantial Completion																																															
Overall Substantial Completion	0		Jul-14-2028	Overall Substantial Completion																																															
Final Punchlist	21	Jul-17-2028	Aug-14-2028	Final Punchlist																																															
Final Completion	0		Aug-14-2028	Final Completion																																															
Site Improvements and Roofing	297	May-27-2027	Jul-14-2028	Jul-14-2028, Site Improvements and Roofing																																															
Masonry Restoration	20	May-27-2027	Jun-23-2027	Masonry Restoration																																															
Roofing Summer 2027	37	May-27-2027	Jul-16-2027	Roofing Summer 2027																																															

Activity Name			Original Duration	Start	Finish	2027												2028												2029												2030											
						S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	Jul	Y
	Exterior Concrete Walks and Railings	Exterior Concrete Walks and Railings	35	May-27-2027	Jul-14-2027																																																
		Site Restoration	2	Jul-15-2027	Jul-16-2027																																																
		Roofing Fall 2027	60	Jul-19-2027	Oct-08-2027																																																
		Roofing 2028	38	May-24-2028	Jul-14-2028																																																
	Interior Renovations		410	Dec-21-2026	Jul-14-2028																																																
	Second Floor and First Floor CIP Renovations		150	Dec-21-2026	Jul-16-2027																																																
	Demolition		20	Dec-21-2026	Jan-15-2027																																																
	Interior CMU Walls		20	Jan-18-2027	Feb-12-2027																																																
	Electrical Rough-ins		10	Jan-18-2027	Jan-29-2027																																																
	Plumbing Rough-ins		10	Jan-18-2027	Jan-29-2027																																																
	Door Frames		10	Jan-18-2027	Jan-29-2027																																																
	Mechanical Piping Rough-ins		10	Feb-15-2027	Feb-26-2027																																																
	Ductwork		15	Feb-15-2027	Mar-05-2027																																																
	Metal Stud Framing		10	Feb-15-2027	Feb-26-2027																																																
	Drywall and Finishing		15	Mar-01-2027	Mar-19-2027																																																
	Spinkler Piping		10	Mar-08-2027	Mar-19-2027																																																
	Painting		15	Mar-22-2027	Apr-09-2027																																																
	Ceiling Gird		10	Apr-12-2027	Apr-23-2027																																																
	Mechanical Equipment and Trim		10	Apr-12-2027	Apr-23-2027																																																
	Light Fixtures, Devices and Trim		10	Apr-12-2027	Apr-23-2027																																																
	Sprinkler Heads		10	Apr-12-2027	Apr-23-2027																																																
	Ceiling Tile		10	Apr-26-2027	May-07-2027																																																
	Casework		15	May-10-2027	May-28-2027																																																
	Visual Display Boards		10	May-10-2027	May-21-2027																																																
	Doors and Hardware		10	May-10-2027	May-21-2027																																																
Fire Alarm		10	May-10-2027	May-21-2027																																																	
Plumbing Fixtures		5	May-31-2027	Jun-04-2027																																																	
Flooring		15	Jun-07-2027	Jun-25-2027																																																	

 Actual Work  Remaining Work  Critical Remaining Work  Milestone  Summary	224734 - PTS Perry Meridian HS Phase 2 Renovations Guideline Schedule (ADD 1) Sep-14-2026 Page 2 of 5	
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Activity Name				Original Duration	Start	Finish	2027												2028												2029												2030																											
							S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D

 Actual Work
 Remaining Work
 Critical Remaining Work
 Milestone
 Summary

224734 - PTS Perry Meridian HS Phase 2 Renovations
Guideline Schedule (ADD 1) Sep-14-2026

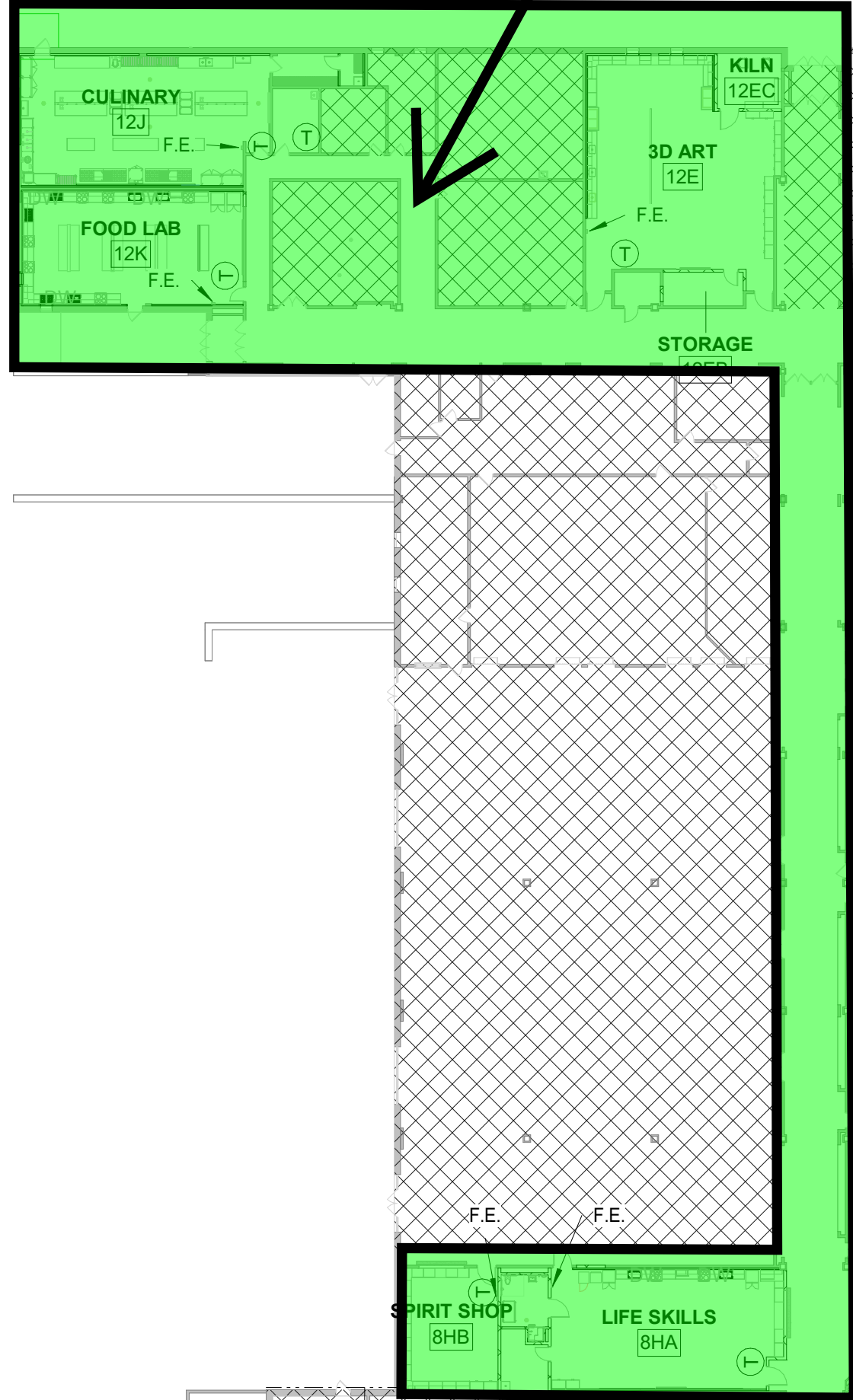
Page 3 of 5



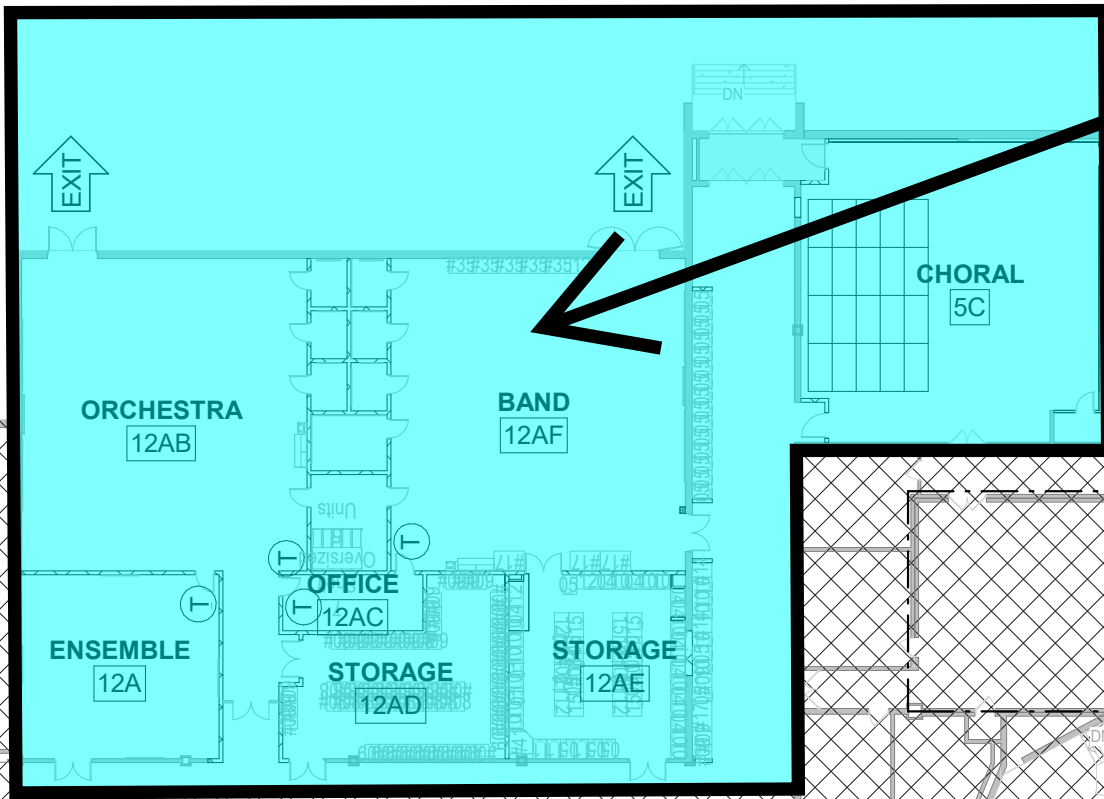
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Perry Meridian HS Phase 2 -
Renovation Phasing Schedule

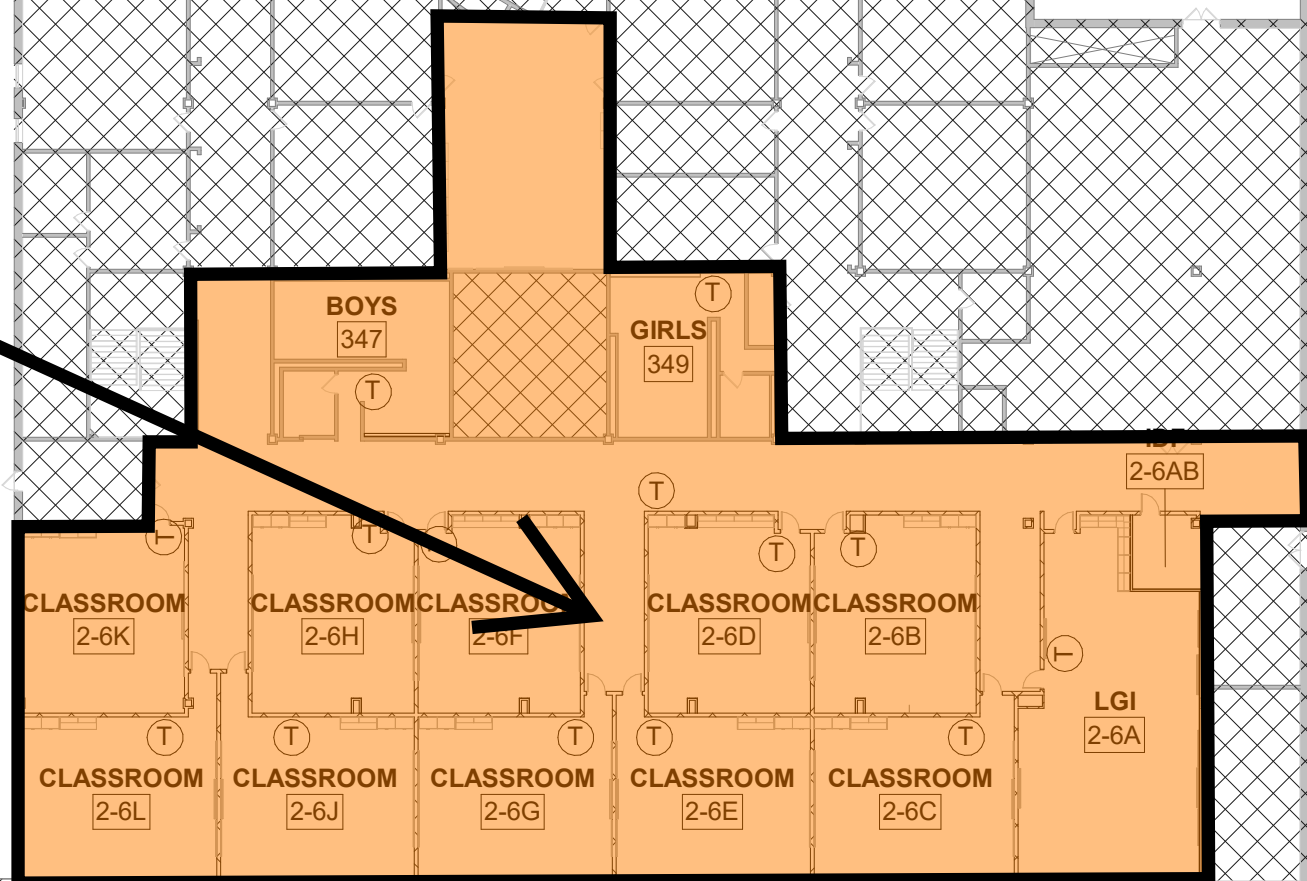
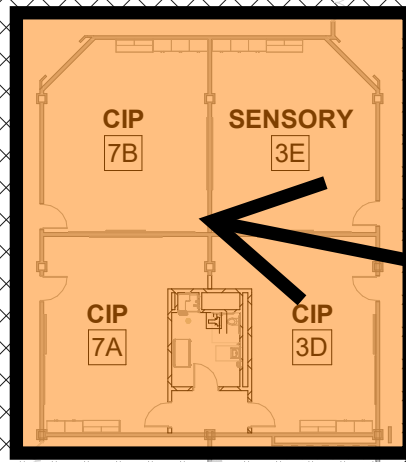
Culinary Lab, 3D Art, Life Skills
October 2027 - March 2028



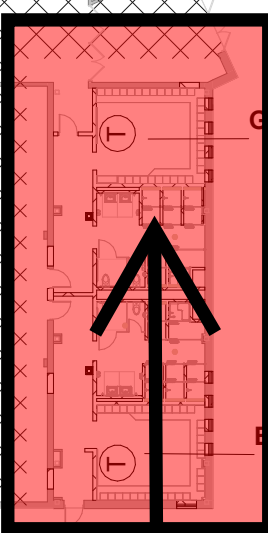
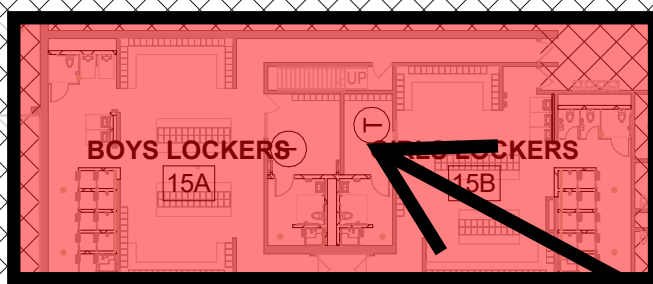
Band, Orch, Ensemble and Storage
June 2027 - October 2027



Classrooms, SPED,
Business and Restrooms
December 2026 - July 2027



Locker Rooms
March 2028 - July 2028



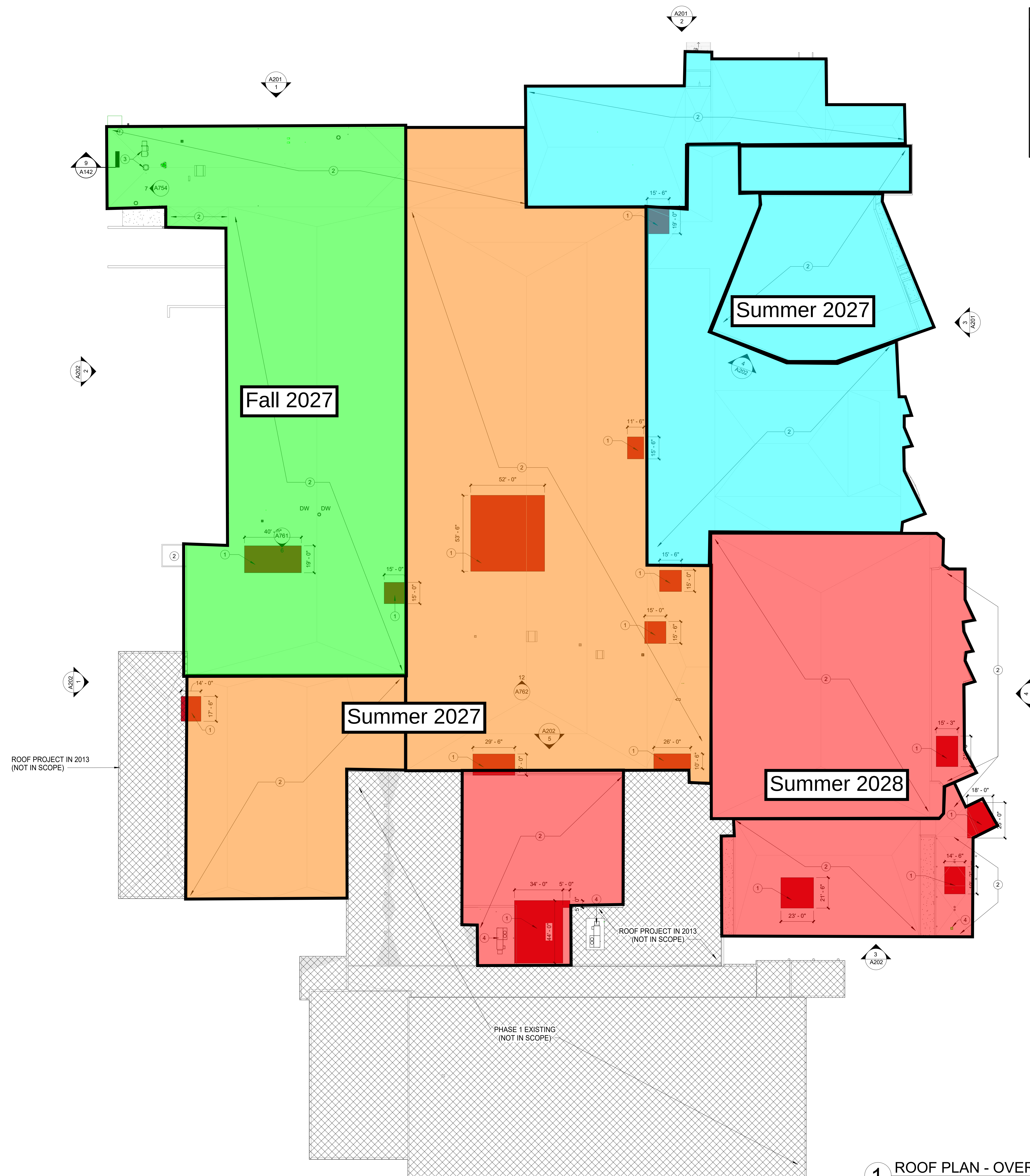
FIRST FLOOR - OVERALL

SECOND FLOOR - OVERALL

1. PROVIDE SPLASH BLOCKS WHERE DOWNSPOUTS OR EXTENDERS COME INTO ROOF SURFACE
2. PROVIDE 2X2 PROTECTIVE ROOF PADS OUTSIDE EVERY ROOF ACCESS POINT, ON TOP AND BOTTOM OF ROOF LADDERS. AROUND ALL ROOF MEP EQUIPMENT
3. REPLACE ALL EXPANSION JOINT COVERS WHERE THEY OCCUR

NOT IN SCOPE OF WORK

- 1 DEMOLISH EXISTING ROOF MEMBRANE AND INSULATION TO THE DECK. INSTALL NEW INSULATION AND TPO MEMBRANE
- 2 DEMOLISH EXISTING ROOF MEMBRANE. INSTALL NEW TPO MEMBRANE. PROVIDE NEW ROOF EDGE METAL CAP ON FASCIA. SEE TYPICAL DETAIL.
- 3 ROOFTOP MECHANICAL EQUIPMENT. REFER TO FOODSERVICE DRAWINGS
- 4 ROOFTOP MECHANICAL EQUIPMENT. REFER TO MECHANICAL DRAWINGS



ADDENDUM NO. ONE

PROJECT: PERRY MERIDIAN HS PHASE 2

PROJECT NUMBER: 24173P

DATE OF ADDENDUM: September 11, 2026



THIS ADDENDUM FORMS A PART OF THE CONTRACT DOCUMENTS AND IS ISSUED IN ACCORDANCE WITH THE INSTRUCTIONS TO BIDDERS. ACKNOWLEDGE RECEIPT OF THIS ADDENDUM BY SIGNING THE ADDENDUM ACKNOWLEDGMENT SECTION OF THE BID FORM.

QUESTIONS & ANSWERS:

1. **Q:** No specification section included for Handrails
 - a. Will be provided in Addendum 002.
2. **Q:** Please reissue sheets C6.1 and C6.4 so that we can include the city requested sidewalks in the scope of work. Also, include the dimension for the width of the sidewalk plus applicable details
 - a. See revised sheet C6.1 and C6.4 attached in addendum 001.
3. **Q:** Architectural drawings indicate a slab infill within the orchestra room but it does not appear on the structural drawings similar to the band room infill.
 - a. See attached revised structural drawings in addendum 001.
4. **Q:** There is no section detail for the slab infill within the orchestra/Band. Please provide for full scope of work
 - a. See attached revised structural drawings in addendum 001.

5. **Q:** Note 2 listed in Unit G Partial Structural Plan on sheet S101 states per detail X/X. Please update with detail/sheet and provide said detail/sheet (S502?)
 - a. See attached revised structural drawings in addendum 001.
6. **Q:** Roofing plans include elevation and section call outs for interiors. These are not relevant and should be removed.
 - a. Revised roof plan attached in addendum 001.
7. **Q:** Exterior Elevation Note 5 states to repair metal panels. to what extent are we expecting the contractor to 'repair' these panels? Should these state replace instead? Same question for Note 6 regarding the concrete panels. Are we going to take out sections from existing joints so these do not look like patches?
 - a. Will be provided in Addendum 002.
8. **Q:** There is a Business classroom on the second floor that calls for scope on the reflected demo plan based on scope indicated on MEP documents. No scope is shown on the MEP documents for this room. Please confirm if this is the intent or if updates will be made to include scope within the room.
 - a. There is technology work in the classroom involving a re-cabling and removing existing power pole.
9. **Q:** On drawing sheet A755, General Music Storage Note 5 states, "Provide solid top (SS-1) extending to the back wall where applicable", is this note still applicable to this project? If so, where do these tops occur?
 - a. The note is applicable at all instances of the instrument storage having a gap between the backside and the wall.
10. **Q:** In the Finish Plans, General Finish Note O. indicates that Window Sills are to be SS-2 (Black Epoxy); note 32 on sheet A761 indicates the sills are SS-1. Is the intent that Window Sills should be SS-1?
 - a. General Finish Note O is incorrect. Window sills should be SS-1.
11. **Q:** Should the window sills in the 3D Art room 12E be epoxy (to match the countertops) or solid surface.
 - a. Window sills in the 3D Art Room 12E should be solid surface.
12. **Q:** Is Durcon an acceptable epoxy resin manufacturer that will not require a substitution request? Specification section 123653 only lists "Glass Recycled, LLC", but Durcon is already listed on Drawing A720 Finish Legend for SS-2.
 - a. Durcon is an acceptable epoxy resin manufacturer and does not need a substitution request.
13. **Q:** Can it be confirmed that the countertop material for the Life Skills Lab 8HA (elevations 2,3/A762) and Spirit Shop 8HB (Elevs. 7,8,9/A762) are to be solid surface? Detail 1/A501 has a tag describing the countertops at the coiling doors as stainless steel.
 - a. Countertop material for Life Skills Lab 8HA and Spirit Shop 8HB are to be solid surface.

ADDITIONAL APPROVED MANUFACTURERS:

1. Section xx xx xx
 - a. Manufacturer: Add xxxx as an acceptable manufacturer to paragraph 2.1 of section xx xx xx.

DRAWINGS:

1. Drawing Sheet Number: C-6.1
Drawing Sheet Title: SITE PLAN

Change: "Site Plan Keynotes" pertaining to the sidewalk have been updated/added.
2. Drawing Sheet Number: C-6.3
Drawing Sheet Title: SITE PLAN

Change: "Site Plan Keynotes" pertaining to the sidewalk have been updated/added.
3. Drawing Sheet Number: C-6.4
Drawing Sheet Title: SITE PLAN

Change: "Site Plan Keynotes" pertaining to the sidewalk have been updated/added.
4. Drawing Sheet Number: C-7.1
Drawing Sheet Title: GRADING PLAN

Change: Spot elevations for the proposed sidewalk have been added.
5. Drawing Sheet Number: C-7.3
Drawing Sheet Title: GRADING PLAN

Change: Spot elevations for the proposed sidewalk have been added.
6. Drawing Sheet Number: C-7.4
Drawing Sheet Title: GRADING PLAN

Change: Spot elevations for the proposed sidewalk have been added.

7. Drawing Sheet Number: S101
Drawing Sheet Title: PARTIAL PLANS

Change: Added annotation.

- Added slab and section cuts to Unit D PARTIAL PLAN.
- Added section cuts to Unit B and F PARTIAL PLANS.
- Revised plan note 2 and added plan note 3 to PARTIAL PLAN NOTES.
- Revised partial framing to reflect existing conditions and revised plan notes for Unit G.

8. Drawing Sheet Number: S500
Drawing Sheet Title: SCHEDULES SECTIONS & DETAILS

Change: Added annotation.

- Revised detail 4.

9. Drawing Sheet Number: S502
Drawing Sheet Title: EXISTING JOINT REINFORCING

Change: Added annotation.

- Revised notes in detail 1.

10. Drawing Sheet Number: AD102D
Drawing Sheet Title: DEMOLITION PLAN – SECOND FLOOR – UNIT D

Change: Added sheet.

- Sheet added to include door 385 in scope of work.

11. Drawing Sheet Number: AD102E
Drawing Sheet Title: DEMOLITION PLAN – SECOND FLOOR – UNIT D

Change: Added sheet.

- Sheet added to include door 382 and Business Room 2-8C in scope of work.

12. Drawing Sheet Number: A102D
Drawing Sheet Title: FLOOR PLAN – SECOND FLOOR – UNIT D

Change: Added sheet

- Sheet added to include door 385 in scope of work.

13. Drawing Sheet Number: A102E

Drawing Sheet Title: FLOOR PLAN – SECOND FLOOR – UNIT E

Change: Added sheet.

- Sheet added to include door 382 in scope of work.

14. Drawing Sheet Number: A141

Drawing Sheet Title: ROOF PLAN

Change: Removed interior elevation callouts

6. Drawing Sheet Number: A201

Drawing Sheet Title: EXTERIOR ELEVATIONS

Change: Revised extent of façade repair.

- The total amount of square footage for caulking and tuckpointing was revised.
- Elevation Note 4 was added.

7. Drawing Sheet Number: A202

Drawing Sheet Title: EXTERIOR ELEVATIONS

Change: Revised extent of façade repair.

- The total amount of square footage for caulking and tuckpointing was revised.
- Drawing number 6 was added.

8. Drawing Sheet Number: A601

Drawing Sheet Title: DOOR SCHEDULE

Change: Two doors were added to schedule

- Doors 385 and 382 were added to the door schedule.

9. Drawing Sheet Number: A721A

Drawing Sheet Title: INTERIOR FINISH PLAN – FIRST FLOOR – UNIT A

Change:

- Added enlarged plan callout for teacher demo station in Food Lab 12K

10. Drawing Sheet Number: A722E

Drawing Sheet Title: INTERIOR FINISH PLAN – SECOND FLOOR – UNIT E

Change:

- Added new finish scope to Business classroom 2-8C.

11. Drawing Sheet Number: A731
Drawing Sheet Title: INTERIOR DETAILS

Change:

- Added casework elevations, notations, and dimensions to enlarged plan 9/A731.

12. Drawing Sheet Number: A754
Drawing Sheet Title: INTERIOR AND CASEWORK ELEVATIONS

Change:

- Added casework elevations 8/A754, 9/A754, 10/A754, and 11/A754.

13. Drawing Sheet Number: A765
Drawing Sheet Title: CASEWORK SECTIONS

Change:

- Added casework sections 4/A765 and 5/A765.

14. Drawing Sheet Number: MD108
Drawing Sheet Title: MECHANICAL DEMOLITION SECOND FLOOR
PLAN - UNIT F

Change: Revise sheet to include scope of work to remove existing ceiling supply diffusers and grilles in BUSINESS 2-8C.

15. Drawing Sheet Number: MH108
Drawing Sheet Title: MECHANICAL HVAC SECOND FLOOR PLAN -
UNIT F

Change: Revise sheet to include scope of work to install ceiling supply diffusers and return grilles in new ceiling in BUSINESS 2-8C.

16. Drawing Sheet Number: ED108
Drawing Sheet Title: ELECTRICAL DEMOLITION SECOND FLOOR
PLAN - UNIT F

Change: Revise sheet to include scope of work to remove existing lighting and lighting controls in BUSINESS 2-8C.

17. Drawing Sheet Number: EL106
Drawing Sheet Title: ELECTRICAL LIGHTING FIRST FLOOR PLAN -
UNIT H

Change: Revise sheet to change light fixture type to match ceiling condition in closet of CHORAL 5C.

18. Drawing Sheet Number: EL108

Drawing Sheet Title: ELECTRICAL LIGHTING SECOND FLOOR PLAN - UNIT F

Change: Revise sheet to include scope of work to install new lighting and lighting controls in BUSINESS 2-8C.

- Revise sheet to change light fixture type to match ceiling condition in IDF 2-6AB.
- Revise sheet to change light fixture locations in CORRIDOR 394 and LGI 2-6A.
- Revise sheet to include scope of work to reinstall salvaged lighting and lighting controls in GIRLS 349 and FACULTY RR 350.

19. Drawing Sheet Number: EP103

Drawing Sheet Title: ELECTRICAL POWER & SYSTEMS FIRST FLOOR PLAN - UNIT D

Change: Revise sheet to add fire alarm relays for the A/V systems in BAND 12AF and ORCHESTRA 12AB.

20. Drawing Sheet Number: EP108

Drawing Sheet Title: ELECTRICAL POWER & SYSTEMS SECOND FLOOR PLAN – UNIT F

Change: Revise sheet to reinstall salvaged fire alarm smoke detectors in BOYS 347 and GIRLS 349.

Attachments:

(Narrative)

JQOL CIVIL ADDENDUM NO.01 NARRATIVE

CES MEP ADDENDUM NO.01 NARRATIVE

(Specs)

SPEC INDEX NUMBER AND SECTION

05 52 100 – PIPE AND TUBE RAILINGS

08 71 00 – HARDWARE

23 74 16.11 – PACKAGED, SMALL-CAPACITY, ROOFTOP AIR-
CONDITIONING UNITS

(CIVIL Drawings)

C-6.1 – SITE PLAN

C-6.3 – SITE PLAN

C-6.4 – SITE PLAN

C-7.1 – GRADING PLAN

C-7.3 – GRADING PLAN

C-7.4 – GRADING PLAN

(STRUCTURAL Drawings)

S101 – PARTIAL PLANS

S500 – SCHEDULES, SECTIONS, & DETAILS

S502 – EXISTING JOINT REINFORCING

(ARCHITECTURE Drawings)

AD102D – DEMOLITION PLAN – SECOND FLOOR – UNIT D

AD102E – DEMOLITION PLAN – SECOND FLOOR – UNIT E

A102D – FLOOR PLAN – SECOND FLOOR – UNIT D

A102E – FLOOR PLAN – SECOND FLOOR – UNIT E

A141 – ROOF PLAN

A201 – EXTERIOR ELEVATIONS

A202 – EXTERIOR ELEVATIONS

A601 – DOOR SCHEDULE

A721A – INTERIOR FINISH PLAN – FIRST FLOOR – UNIT A

A722E – INTERIOR FINISH PLAN – SECOND FLOOR – UNIT E

A731 – INTERIOR DETAILS

A754 – INTERIOR AND CASEWORK ELEVATIONS

A765 – CASEWORK SECTIONS

(PLUMBING Drawings)

(MECHANICAL Drawings)

MD108 – MECHANICAL DEMOLITION SECOND FLOOR PLAN – UNIT F

MH108 – MECHANICAL HVAC SECOND FLOOR PLAN – UNIT F

(ELECTRICAL Drawings)

ED108 – ELECTRICAL DEMOLITION SECOND FLOOR PLAN – UNIT F

EL106 – ELECTRICAL LIGHTING FIRST FLOOR PLAN – UNIT H

EL108 – ELECTRICAL LIGHTING SECOND FLOOR PLAN – UNIT F

EP103 – ELECTRICAL POWER & SYSTEMS FIRST FLOOR PLAN – UNIT D

EP108 – ELECTRICAL POWER & SYSTEMS SECOND FLOOR PLAN – UNIT F

END OF ADDENDUM NO. ONE

September 11, 2026

Project Name: Perry Meridian High School
Project Owner: Perry Township Schools
Issued To: Lancer Associates Architects

RE: Phase 2 Addendum 01

Drawing revisions narrative by sheet number as follows:

Sheet C-6.1

- "Site Plan Keynotes" pertaining to the sidewalk have been updated/added.

Sheet C-6.3

- "Site Plan Keynotes" pertaining to the sidewalk have been updated/added.

Sheet C-6.4

- "Site Plan Keynotes" pertaining to the sidewalk have been updated/added.

Sheet C-7.1

- Spot elevations for the proposed sidewalk have been added.

Sheet C-7.3

- Spot elevations for the proposed sidewalk have been added.

Sheet C-7.4

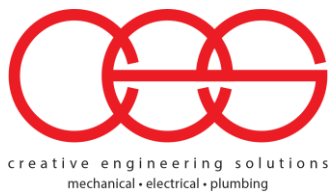
- Spot elevations for the proposed sidewalk have been added.

Please let me know if you have additional questions.

Best regards,

DJ O'Toole, PE

September 11, 2026



PROJECT NAME:
ARCHITECT PROJECT NO. | CES PROJECT NO. | OWNER PROJECT NO.
ADDENDUM #:
DATE: Click or tap to enter a date.

This Addendum consists of (number) Addendum pages and (number) attachment pages totaling (number) pages. This Addendum shall supplement, amend, and become part of the Bid Documents. All Bids shall be based on these modifications. Bidders shall acknowledge the receipt of this addendum on their Bid Form.

GENERAL

SPECIFICATIONS

ITEM NO. 1 237416.11 – PACKAGED, SMALL CAPACITY, ROOFTOP AIR-CONDITIONING UNITS

1. Add SECTION 237416.11 – PACKAGED, SMALL CAPACITY, ROOFTOP AIR-CONDITIONING UNITS.

DRAWINGS

ITEM NO. 1 MD108

1. Revise sheet to include scope of work to remove existing ceiling supply diffusers and grilles in BUSINESS 2-8C.

ITEM NO. 2 MH108

1. Revise sheet to include scope of work to install ceiling supply diffusers and return grilles in new ceiling in BUSINESS 2-8C.

ITEM NO. 3 ED108

1. Revise sheet to include scope of work to remove existing lighting and lighting controls in BUSINESS 2-8C.
2. Revise sheet to include scope of work to remove and salvage existing lighting, lighting controls, and fire alarm smoke detector in girls restrooms.
3. Revise sheet to include scope of work to remove and salvage existing smoke detector in boys restroom.

ITEM NO. 4 EL106

1. Revise sheet to change light fixture type to match ceiling condition in closet of CHORAL 5C.

ITEM NO. 5 EL108

1. Revise sheet to include scope of work to install new lighting and lighting controls in BUSINESS 2-8C.

2. Revise sheet to change light fixture type to match ceiling condition in IDF 2-6AB.
3. Revise sheet to change light fixture locations in CORRIDOR 394 and LGI 2-6A.
4. Revise sheet to include scope of work to reinstall salvaged lighting and lighting controls in GIRLS 349 and FACULTY RR 350.

ITEM NO. 6 EP103

1. Revise sheet to add fire alarm relays for the A/V systems in BAND 12AF and ORCHESTRA 12AB.

ITEM NO. 8 EP108

1. Revise sheet to reinstall salvaged fire alarm smoke detectors in BOYS 347 and GIRLS 349.

QUESTIONS AND ANSWERS

The following are questions submitted and answers provided. The questions and answers are to be considered as part of the Invitation to Bid.

Question Number	Question	Response
1		
2		

ATTACHMENTS

END OF ADDENDUM NO. 1

SECTION 05 5210 - PIPE AND TUBE RAILINGS

PART 1 - GENERAL

1.01 DESCRIPTION

- A. Scope: Work of this Section shall include all materials and installation necessary to provide pipe and tube railings as shown and detailed on the Drawings and specified herein.
- B. This Section includes the following:
 - 1. Steel pipe and tube handrails and railings.

1.02 SUBMITTALS

- A. Product Data: For the following:
 - 1. Manufacturer's product lines of mechanically connected handrails and railings.
 - 2. Grout, anchoring cement, and paint products.
- B. Shop Drawings: Show fabrication and installation of handrails and railings. Include plans, elevations, sections, component details, and attachments to other Work.
- C. Samples for Initial Selection: Manufacturer's color charts showing the full range of colors available for products with factory-applied color finishes.
- D. Samples for Initial Selection: Short sections of railing or flat, sheet metal samples showing available mechanical finishes.
- E. Samples for Verification: For each type of exposed finish required, prepared on components indicated below and of same thickness and metal indicated for the Work. If finishes involve normal color and texture variations, include sample sets showing the full range of variations expected.
 - 1. ± 6 inch long sections of each distinctly different linear railing member, including handrails, top rails, posts, and balusters.
 - 2. Fittings and brackets.
 - 3. Assembled sample of railing system, made from full-size components, including top rail, post, handrail, and infill. Show method of finishing members at intersections. Sample need not be full height.

1.03 STORAGE

- A. Store handrails and railings in a dry, well-ventilated, weather tight place.

1.04 PROJECT CONDITIONS

- A. Field Measurements: Verify handrail and railing dimensions by field measurements before fabrication and indicate measurements on Shop

Drawings. Coordinate fabrication schedule with construction progress to avoid delaying the Work.

1.05 COORDINATION

- A. Coordinate installation of anchorages for handrails and railings. Furnish setting drawings, templates, and directions for installing anchorages, including sleeves, concrete inserts, anchor bolts, and items with integral anchors, that are to be embedded in concrete or masonry.

1.06 SCHEDULING

- A. Schedule installation so handrails and railings are mounted only on completed walls. Do not support temporarily by any means that does not satisfy structural performance requirements.

PART 2 - PRODUCTS

2.01 METALS

- A. General: Provide metal free from pitting, seam marks, roller marks, stains, discolorations, and other imperfections where exposed to view on finished units.
- B. Steel and Iron: Provide steel and iron in the form indicated, complying with the following requirements:
 - 1. Steel Pipe: ASTM A 53; finish, type, and weight class as follows:
 - a. Galvanized finish for exterior installations and where indicated.
 - b. Type F, or Type S, Grade A, standard weight (Schedule 40), unless another grade and weight are required by structural loads.
 - 2. Steel Tubing: Cold-formed steel tubing, ASTM A 500, Grade A, unless another grade is required by structural loads.
 - 3. Steel Plates, Shapes, and Bars: ASTM A 36/A 36M.
 - 4. Iron Castings: Malleable iron complying with ASTM A 47, Grade 32510 (ASTM A 47M, Grade 22010).
- C. Brackets, Flanges, and Anchors: Cast or formed metal of same type of material and finish as supported rails, unless otherwise indicated.

2.02 WELDING MATERIALS, FASTENERS, AND ANCHORS

- A. Welding Electrodes and Filler Metal: Provide type and alloy of filler metal and electrodes as recommended by producer of metal to be welded and as required for color match, strength, and compatibility in fabricated items.
- B. Fasteners for Anchoring Handrails and Railings to Other Construction: Select fasteners of type, grade, and class required to produce connections suitable for anchoring handrails and railings to other types of construction indicated

and capable of withstanding design loads.

- C. Fasteners for Interconnecting Handrail and Railing Components: Use fasteners fabricated from same basic metal as fastened metal, unless otherwise indicated. Do not use metals that are corrosive or incompatible with materials joined.
 - 1. Provide concealed fasteners for interconnecting handrail and railing components and for attaching them to other work, unless otherwise indicated.
 - 2. Provide concealed fasteners for interconnecting handrail and railing components and for attaching them to other work unless exposed fasteners are unavoidable or are the standard fastening method for handrails and railings indicated.
 - 3. Provide Phillips flat-head machine screws for exposed fasteners, unless otherwise indicated.
- D. Cast-in-Place and Postinstalled Anchors: Anchors of type indicated below, fabricated from corrosion-resistant materials with capability to sustain, without failure, a load equal to six times the load imposed when installed in unit masonry and equal to four times the load imposed when installed in concrete, as determined by testing per ASTM E 488 conducted by a qualified independent testing agency.
 - 1. Cast-in-place anchors.
 - 2. Expansion anchors.

2.03 GROUT AND ANCHORING CEMENT

- A. Nonshrink, Nonmetallic Grout: Premixed, factory-packaged, nonstaining, noncorrosive, nongaseous grout complying with ASTM C 1107. Provide grout specifically recommended by manufacturer for interior and exterior applications.
- B. Erosion-Resistant Anchoring Cement: Factory-packaged, nonshrink, nonstaining, hydraulic-controlled expansion cement formulation for mixing with water at Project site to create pourable anchoring, patching, and grouting compound. Provide formulation that is resistant to erosion from water exposure without needing protection by a sealer or waterproof coating and that is recommended by manufacturer for exterior use.

2.04 FABRICATION

- A. General: Fabricate handrails and railings to comply with requirements indicated for design, dimensions, member sizes and spacing, details, finish, and anchorage, but not less than that required to support structural loads.
- B. Assemble handrails and railings in the shop to greatest extent possible to minimize field splicing and assembly. Disassemble units only as necessary for shipping and handling limitations. Clearly mark units for reassembly and coordinated installation. Use connections that maintain structural value of

joined pieces.

- C. Form simple and compound curves by bending members in jigs to produce uniform curvature for each repetitive configuration required; maintain cylindrical cross section of member throughout entire bend without buckling, twisting, cracking, or otherwise deforming exposed surfaces of handrail and railing components.
- D. Welded Connections: Fabricate handrails and railings for connecting members by welding. Cope components at perpendicular and skew connections to provide close fit, or use fittings designed for this purpose. Weld connections continuously to comply with the following:
 - 1. Use materials and methods that minimize distortion and develop strength and corrosion resistance of base metals.
 - 2. Obtain fusion without undercut or overlap.
 - 3. Remove flux immediately.
 - 4. At exposed connections, finish exposed surfaces smooth and blended so no roughness shows after finishing and welded surface matches contours of adjoining surfaces.
- E. Nonwelded Connections: Fabricate handrails and railings by connecting members with concealed mechanical fasteners and fittings, unless otherwise indicated. Fabricate members and fittings to produce flush, smooth, rigid, hairline joints.
- F. Brackets, Flanges, Fittings, and Anchors: Provide wall brackets, flanges, miscellaneous fittings, and anchors to interconnect handrail and railing members to other work, unless otherwise indicated.
- G. Provide inserts and other anchorage devices for connecting handrails and railings to concrete or masonry work. Fabricate anchorage devices capable of withstanding loads imposed by handrails and railings. Coordinate anchorage devices with supporting structure.
- H. For railing posts set in concrete, provide preset sleeves of steel not less than 6 inch long with inside dimensions not less than 1/2 inch greater than outside dimensions of post, and steel plate forming bottom closure.
- I. Shear and punch metals cleanly and accurately. Remove burrs from exposed cut edges.
- J. Ease exposed edges to a radius of approximately 1/32 inch, unless otherwise indicated. Form bent-metal corners to smallest radius possible without causing grain separation or otherwise impairing the Work.
- K. Cut, reinforce, drill, and tap components, as indicated, to receive finish hardware, screws, and similar items.
- L. Provide weep holes or another means to drain entrapped water in hollow sections of handrail and railing members that are exposed to exterior or to

moisture from condensation or other sources.

- M. Fabricate joints that will be exposed to weather in a watertight manner.
- N. Close exposed ends of handrail and railing members with prefabricated end fittings.
- O. Provide wall returns at ends of wall-mounted handrails, unless otherwise indicated. Close ends of returns unless clearance between end of railing and wall is 1/4 inch or less.
- P. Fillers: Provide fillers made from steel plate, or other suitably crush-resistant material, where needed to transfer wall bracket loads through wall finishes to structural supports. Size fillers to suit wall finish thicknesses and to produce adequate bearing area to prevent bracket rotation and overstressing of substrate.

2.05 FINISHES, GENERAL

- A. Comply with NAAMM's "Metal Finishes Manual for Architectural and Metal Products" for recommendations for applying and designating finishes.
- B. Protect mechanical finishes on exposed surfaces from damage by applying a strippable, temporary protective covering before shipping.
- C. Provide any exposed fasteners with finish matching appearance, including color and texture, of handrails and railings.

2.06 STEEL FINISHES

- A. Galvanized Handrails and Railings: Hot-dip galvanize exterior steel and iron handrails and railings to comply with ASTM A 123. Hot-dip galvanize hardware for exterior steel and iron handrails and railings to comply with ASTM A 153/A 153M.
- B. Galvanizing: Hot-dip galvanize items as indicated to comply with applicable standard listed below:
 - 1. ASTM A 123, for galvanizing steel and iron products.
 - 2. ASTM A 153/A 153M, for galvanizing steel and iron hardware.
- C. Fill vent and drain holes that will be exposed in finished Work, unless indicated to remain as weep holes, by plugging with zinc solder and filing off smooth.
- D. For galvanized handrails and railings, provide galvanized fittings, brackets, fasteners, sleeves, and other ferrous components.

PART 3 - EXECUTION

3.01 INSTALLATION, GENERAL

- A. Fit exposed connections together to form tight, hairline joints.

- B. Perform cutting, drilling, and fitting required to install handrails and railings. Set handrails and railings accurately in location, alignment, and elevation; measured from established lines and levels and free from rack.
 - 1. Do not weld, cut, or abrade surfaces of handrail and railing components that have been coated or finished after fabrication and that are intended for field connection by mechanical or other means without further cutting or fitting.
 - 2. Set posts plumb within a tolerance of 1/16 inch in 3 feet.
 - 3. Align rails so variations from level for horizontal members and from parallel with rake of steps and ramps for sloping members do not exceed 1/4 inch in 12 feet.
- C. Adjust handrails and railings before anchoring to ensure matching alignment at abutting joints. Space posts at interval indicated, but not less than that required by structural loads.
- D. Fastening to In-Place Construction: Use anchorage devices and fasteners where necessary for securing handrails and railings and for properly transferring loads to in-place construction.

3.02 RAILING CONNECTIONS

- A. Nonwelded Connections: Use mechanical or adhesive joints for permanently connecting railing components. Use wood blocks and padding to prevent damage to railing members and fittings. Seal recessed holes of exposed locking screws using plastic cement filler colored to match finish of handrails and railings.
- B. Welded Connections: Use fully welded joints for permanently connecting railing components. Comply with requirements for welded connections in "Fabrication" Article whether welding is performed in the shop or in the field.
- C. Expansion Joints: Install expansion joints at locations indicated but not farther apart than required to accommodate thermal movement. Provide slip-joint internal sleeve extending 2 inches beyond joint on either side, fasten internal sleeve securely to one side, and locate joint within 6 inches of post.

3.03 ANCHORING POSTS

- A. Use steel pipe sleeves preset and anchored into concrete for installing posts. After posts have been inserted into sleeves, fill annular space between post and sleeve with the following anchoring material, mixed and placed to comply with anchoring material manufacturer's written instructions:
- B. Cover anchorage joint with flange of same metal as post, attached to post as follows:
 - 1. By set screws.
- C. Anchor posts to metal surfaces with oval flanges, angle type, or floor type as

required by conditions, connected to posts and to metal supporting members as follows:

- D. Install removable railing sections, where indicated, in slip-fit metal sockets cast in concrete.

3.04 ANCHORING RAILING ENDS

- A. Anchor railing ends into concrete and masonry with round flanges connected to railing ends and anchored into wall construction with postinstalled anchors and bolts.
- B. Anchor railing ends to metal surfaces with flanges bolted to metal surfaces.
 - 1. Connect flanges to railing ends using nonwelded connections.

3.05 ATTACHING HANDRAILS TO WALLS

- A. Attach handrails to wall with wall brackets. Provide bracket with 1-1/2 inch clearance from inside face of handrail and finished wall surface.
- B. Locate brackets as indicated or, if not indicated, at spacing required to support structural loads.
- C. Secure wall brackets to building construction as follows:
 - 1. For concrete and solid masonry anchorage, use drilled-in expansion shields and hanger or lag bolts.
 - 2. For hollow masonry anchorage, use toggle bolts.

3.06 CLEANING

- A. Galvanized Surfaces: Clean field welds, bolted connections, and abraded areas and repair galvanizing to comply with ASTM A 780.

3.07 PROTECTION

- A. Protect finishes of handrails and railings from damage during construction period with temporary protective coverings approved by railing manufacturer. Remove protective coverings at the time of Substantial Completion.
- B. Restore finishes damaged during installation and construction period so no evidence remains of correction work. Return items that cannot be refinished in the field to the shop; make required alterations and refinish entire unit or provide new units.

END OF SECTION 05 5210

151429 OPT0484080

V4 8/13/2026 vs. V5 9/4/2026

Hardware Group No. 01

For use on Door #(s):

7A.1.1 7A.1.2

Provide each SGL door(s) with the following:

QTY		DESCRIPTION	CATALOG NUMBER	FINISH	MFR
3	EA	HINGE	5BB1 5 X 4.5 (NRP AS REQ'D)	652	IVE
1	EA	PASSAGE SET	L9010 06A	626	SCH
1	EA	WALL BMPR CAST CONCAVE SC	1270-CV	626	TRM
3	EA	SILENCER	SR64	GRY	IVE

Hardware Group No. 02

For use on Door #(s):

17A.1 17B.1

Provide each SGL door(s) with the following:

QTY		DESCRIPTION	CATALOG NUMBER	FINISH	MFR
3	EA	HINGE	5BB1HW 4.5 X 4.5 NRP	630	IVE
1	EA	DBL CYL DEAD LOCK	L462J	626	SCH
2	EA	PERMANENT CORE, PRIMUS (FSIC)	20-740 - MATCH EXISTING SYSTEM	626	SCH
1	EA	PUSH PLATE	8200 4" X 16" (CFC/CFTT AS REQ'D)	630	IVE
1	EA	PULL PLATE	8303 10" 4" X 16" (CFC/CFTT AS REQ'D)	630	IVE
1	EA	SURFACE CLOSER	4040XP RW/PA MCSRI	689	LCN
1	EA	KICK PLATE	8400 10"H X WIDTH AS REQ'D B-CS	630	IVE
1	EA	WALL BMPR CAST CONCAVE SC	1270-CV	626	TRM
1	EA	GASKETING	488SBK PSA	BK	ZER

Hardware Group No. 03

For use on Door #(s):

17B.2

Provide each SGL door(s) with the following:

QTY		DESCRIPTION	CATALOG NUMBER	FINISH	MFR
3	EA	HINGE	5BB1HW 4.5 X 4.5 (NRP AS REQ)	652	IVE
1	EA	DEADLOCK, CYL X C/R TT	L463J XB11-720	626	SCH
1	EA	PERMANENT CORE, PRIMUS (FSIC)	20-740 - MATCH EXISTING SYSTEM	626	SCH
1	EA	PUSH PLATE	8200 4" X 16" (CFC/CFTT AS REQ'D)	630	IVE
1	EA	PULL PLATE	8303 10" 4" X 16" (CFC/CFTT AS REQ'D)	630	IVE
1	EA	SURFACE CLOSER	4040XP EDA MC	689	LCN
1	EA	KICK PLATE	8400 10"H X WIDTH AS REQ'D B-CS	630	IVE
1	EA	WALL BMPR CAST CONCAVE SC	1270-CV	626	TRM
1	EA	GASKETING	488SBK PSA	BK	ZER

Hardware Group No. 04

For use on Door #(s):

7A.2

8HAC

Provide each SGL door(s) with the following:

QTY		DESCRIPTION	CATALOG NUMBER	FINISH	MFR
3	EA	HINGE	5BB1 5 X 4.5 (NRP AS REQ'D)	652	IVE
1	EA	OFFICE/ENTRY LOCK W/ OUTSIDE INDICATOR	L9050J 17A L583-363 OS-OCC	626	SCH
1	EA	PERMANENT CORE, PRIMUS (FSIC)	20-740 - MATCH EXISTING SYSTEM	626	SCH
1	EA	OH STOP	100S	630	GLY
3	EA	SILENCER	SR64	GRY	IVE

Hardware Group No. 05

For use on Door #(s):

15AC 15BC

Provide each SGL door(s) with the following:

QTY		DESCRIPTION	CATALOG NUMBER	FINISH	MFR
3	EA	HINGE	5BB1 4.5 X 4.5 (NRP AS REQ)	652	IVE
1	EA	OFFICE/ENTRY LOCK W/ OUTSIDE INDICATOR	L9050J 17A L583-363 OS-OCC	626	SCH
1	EA	PERMANENT CORE, PRIMUS (FSIC)	20-740 - MATCH EXISTING SYSTEM	626	SCH
1	EA	WALL BMPR CAST CONCAVE SC	1270-CV	626	TRM
3	EA	SILENCER	SR64	GRY	IVE

Hardware Group No. 06

For use on Door #(s):

12AC.1 12AC.2

Provide each SGL door(s) with the following:

QTY		DESCRIPTION	CATALOG NUMBER	FINISH	MFR
3	EA	HINGE	5BB1 4.5 X 4.5 (NRP AS REQ)	652	IVE
1	EA	OFFICE/ENTRY LOCK	L9050J L583-363 06A	626	SCH
1	EA	PERMANENT CORE, PRIMUS (FSIC)	20-740 - MATCH EXISTING SYSTEM	626	SCH
1	EA	WALL BMPR CAST CONCAVE SC	1270-CV	626	TRM
1	EA	GASKETING	870AA @ H & J MOUNT PRIOR TO ANY OTHER HEAD MOUNTED HARDWARE	AA	ZER
1	EA	DOOR BOTTOM	369AA-Z49-PULL-OUT	AA	ZER
1	EA	THRESHOLD	544A-V3-223	A	ZER

Hardware Group No. 09

For use on Door #(s):
12AB.2

Provide each PR door(s) with the following:

QTY		DESCRIPTION	CATALOG NUMBER	FINISH	MFR
2	EA	CONT. HINGE	224XY	628	IVE
1	EA	REMOVABLE MULLION	KR4954 STAB	689	VON
1	EA	ELEC PANIC HARDWARE	LD-RX-98-L-DT-06	626	VON
1	EA	ELEC PANIC HARDWARE	LD-RX-98-L-NL-06	626	VON
1	EA	MULLION STORAGE KIT	MT54	689	VON
1	EA	RIM CYL HOUSING (FSIC)	20-079 ICX	626	SCH
1	EA	MORTISE CYL HOUSING (FSIC)	26-094	626	SCH
2	EA	PERMANENT CORE, PRIMUS (FSIC)	20-740 - MATCH EXISTING SYSTEM	626	SCH
2	EA	SURFACE CLOSER (W/ SPRING STOP)	4040XP SCUSH	689	LCN
2	EA	KICK PLATE	8400 10"H X WIDTH AS REQ'D B-CS	630	IVE
1	EA	RAIN DRIP	142AA	AA	ZER
1	SET	JAMB SEAL SET	328AA	AA	ZER
1	EA	GASKETING	429AA	AA	ZER
1	EA	MULLION SEAL	8780NBK PSA	BK	ZER
1	EA	ASTRAGAL, OVERLAP	383AA	AA	ZER
2	EA	DOOR SWEEP, BRUSH W/ DRIP	8198AA	AA	ZER
1	EA	THRESHOLD	566A-V3-223	A	ZER
2	EA	DOOR CONTACT	BY ACCESS CONTROL INTEGRATOR		B/O

Hardware Group No. 10

For use on Door #(s):

12EA 2-6AB

Provide each SGL door(s) with the following:

QTY		DESCRIPTION	CATALOG NUMBER	FINISH	MFR
3	EA	HINGE	5BB1 4.5 X 4.5 (NRP AS REQ)	652	IVE
1	EA	STOREROOM LOCK	L9080J 06A	626	SCH
1	EA	PERMANENT CORE, PRIMUS (FSIC)	20-740 - MATCH EXISTING SYSTEM	626	SCH
1	EA	SURFACE CLOSER (W/ DEAD STOP)	4040XP CUSH MC	689	LCN
1	EA	KICK PLATE	8400 10"H X WIDTH AS REQ'D B-CS	630	IVE
3	EA	SILENCER	SR64	GRY	IVE

Hardware Group No. 12

For use on Door #(s):

5CA

Provide each SGL door(s) with the following:

QTY		DESCRIPTION	CATALOG NUMBER	FINISH	MFR
3	EA	HINGE	5BB1 4.5 X 4.5 (NRP AS REQ)	652	IVE
1	EA	STOREROOM LOCK	L9080J 06A	626	SCH
1	EA	PERMANENT CORE, PRIMUS (FSIC)	20-740 - MATCH EXISTING SYSTEM	626	SCH
1	EA	SURFACE CLOSER	4040XP EDA MC	689	LCN
1	EA	KICK PLATE	8400 10"H X WIDTH AS REQ'D B-CS	630	IVE
1	EA	WALL BMPR CAST CONCAVE SC	1270-CV	626	TRM
3	EA	SILENCER	SR64	GRY	IVE

Hardware Group No. 13

For use on Door #(s):
17A.2

Provide each SGL door(s) with the following:

QTY		DESCRIPTION	CATALOG NUMBER	FINISH	MFR
1	EA	CONT. HINGE	224XY EPT	628	IVE
1	EA	POWER TRANSFER	EPT10	689	VON
1	EA	ELEC PANIC HARDWARE	RX-LC-OUT-QEL-98-L-NL-06 24 VDC	626	VON
1	EA	RIM CYL HOUSING (FSIC)	20-079 ICX	626	SCH
1	EA	PERMANENT CORE, PRIMUS (FSIC)	20-740 - MATCH EXISTING SYSTEM	626	SCH
1	EA	SURFACE CLOSER (W/ SPRING STOP)	4040XP SCUSH MC	689	LCN
1	EA	RAIN DRIP	142AA	AA	ZER
1	SET	JAMB SEAL SET	328AA	AA	ZER
1	EA	GASKETING	429AA	AA	ZER
1	EA	DOOR SWEEP, BRUSH W/ DRIP	8198AA	AA	ZER
1	EA	THRESHOLD	566A-V3-223	A	ZER
1	EA	DOOR CONTACT	BY ACCESS CONTROL INTEGRATOR		B/O
	EA	CARD READER/ POWER SUPPLY	REINSTALL FROM EXISTING DOOR		

REINSTALL EXISTING READER AND POWER SUPPLY FROM EXISTING DOOR

PRESENTING VALID CREDENTIAL TO READER AND/OR ACCESS CONTROL SYSTEM WILL
RETRACT LATCH FOR ACCESS.

ACCESS BY MECHANICAL KEY OVERRIDE.

FREE EGRESS AT ALL TIMES.

Hardware Group No. 14

For use on Door #(s):

12A.1 12AF.1

Provide each PR door(s) with the following:

QTY		DESCRIPTION	CATALOG NUMBER	FINISH	MFR
2	EA	CONT. HINGE	224XY	628	IVE
1	EA	REMOVABLE MULLION	KR4954 STAB	689	VON
2	EA	PANIC HARDWARE	LD-98-L-2-06	626	VON
2	EA	RIM CYL HOUSING (FSIC)	20-079 ICX	626	SCH
3	EA	MORTISE CYL HOUSING (FSIC)	26-094	626	SCH
5	EA	PERMANENT CORE, PRIMUS (FSIC)	20-740 - MATCH EXISTING SYSTEM	626	SCH
2	EA	SURFACE CLOSER (W/ SPRING STOP)	4040XP SCUSH	689	LCN
2	EA	KICK PLATE	8400 10"H X WIDTH AS REQ'D B-CS	630	IVE
1	EA	GASKETING	870AA @ H & J MOUNT PRIOR TO ANY OTHER HEAD MOUNTED HARDWARE	AA	ZER
1	EA	MULLION SEAL	8780NBK PSA	BK	ZER
2	EA	DOOR BOTTOM	369AA-Z49-PULL-OUT	AA	ZER
1	EA	MEETING STILE	8195BK	BK	ZER
1	EA	THRESHOLD	544A-V3-223	A	ZER
2	EA	MOUNTING BRACKET	870SPB		ZER

Hardware Group No. 15

For use on Door #(s):

8HA.2 8HB.2

Provide each RU door(s) with the following:

QTY		DESCRIPTION	CATALOG NUMBER	FINISH	MFR
1	EA	MORTISE CYL HOUSING (FSIC)	26-094	626	SCH
1	EA	PERMANENT CORE, PRIMUS (FSIC)	20-740 - MATCH EXISTING SYSTEM	626	SCH
1	EA	DOOR CONTACT	BY ACCESS CONTROL INTEGRATOR		B/O

VERIFY EXACT CYLINDER TYPE REQUIRED. BALANCE OF HARDWARE BY DOOR MANUFACTURER.

Hardware Group No. 16

For use on Door #(s):

12K	2-6B	2-6C	2-6D	2-6E	2-6F
2-6G	2-6H	2-6J	2-6K	2-6L	

Provide each SGL door(s) with the following:

QTY		DESCRIPTION	CATALOG NUMBER	FINISH	MFR
3	EA	HINGE	5BB1 4.5 X 4.5 (NRP AS REQ)	652	IVE
1	EA	CLASSROOM SECURITY	L9071J 06A	626	SCH
2	EA	PERMANENT CORE, PRIMUS (FSIC)	20-740 - MATCH EXISTING SYSTEM	626	SCH
1	EA	WALL BMPR CAST CONCAVE SC	1270-CV	626	TRM
3	EA	SILENCER	SR64	GRY	IVE

Hardware Group No. 17

For use on Door #(s):

3D	7A
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Provide each SGL door(s) with the following:

QTY		DESCRIPTION	CATALOG NUMBER	FINISH	MFR
3	EA	HINGE	5BB1 5 X 4.5 (NRP AS REQ'D)	652	IVE
1	EA	CLASSROOM SECURITY	L9071J 06A	626	SCH
2	EA	PERMANENT CORE, PRIMUS (FSIC)	20-740 - MATCH EXISTING SYSTEM	626	SCH
1	EA	OH STOP	100S	630	GLY
3	EA	SILENCER	SR64	GRY	IVE

Hardware Group No. 18

For use on Door #(s):

12EC

Provide each SGL door(s) with the following:

QTY		DESCRIPTION	CATALOG NUMBER	FINISH	MFR
3	EA	HINGE	5BB1 5 X 4.5 (NRP AS REQ'D)	652	IVE
1	EA	CLASSROOM SECURITY	L9071J 06A	626	SCH
2	EA	PERMANENT CORE, PRIMUS (FSIC)	20-740 - MATCH EXISTING SYSTEM	626	SCH
1	EA	OH STOP & HOLDER	90F J	630	GLY
3	EA	SILENCER	SR64	GRY	IVE

Hardware Group No. 19

For use on Door #(s):

12AG.1 12AG.2

Provide each SGL door(s) with the following:

QTY		DESCRIPTION	CATALOG NUMBER	FINISH	MFR
3	EA	HINGE	5BB1 4.5 X 4.5 (NRP AS REQ)	652	IVE
1	EA	CLASSROOM SECURITY	L9071J 06A	626	SCH
2	EA	PERMANENT CORE, PRIMUS (FSIC)	20-740 - MATCH EXISTING SYSTEM	626	SCH
1	EA	OH STOP & HOLDER	90F J	630	GLY
3	EA	GASKETING	870AA @ H & J MOUNT PRIOR TO ANY OTHER HEAD MOUNTED HARDWARE	AA	ZER
1	EA	DOOR BOTTOM	369AA-Z49-PULL-OUT	AA	ZER
1	EA	THRESHOLD	544A-V3-223	A	ZER

Hardware Group No. 20

For use on Door #(s):

12AD.1 12AD.2 12AE.1 12AE.2

Provide each PR door(s) with the following:

QTY		DESCRIPTION	CATALOG NUMBER	FINISH	MFR
6	EA	HINGE	5BB1HW 4.5 X 4.5 (NRP AS REQ)	652	IVE
1	EA	CONST LATCHING BOLT	FB51T/FB61T (AS REQ'D)	630	IVE
1	EA	CLASSROOM SECURITY	L9071J 06A	626	SCH
2	EA	PERMANENT CORE, PRIMUS (FSIC)	20-740 - MATCH EXISTING SYSTEM	626	SCH
2	EA	OH STOP & HOLDER	90F	630	GLY
1	EA	GASKETING	870AA @ H & J MOUNT PRIOR TO ANY OTHER HEAD MOUNTED HARDWARE	AA	ZER
2	EA	DOOR BOTTOM	369AA-Z49-PULL-OUT	AA	ZER
1	EA	THRESHOLD	544A-V3-223	A	ZER

Hardware Group No. 21

For use on Door #(s):

2-6A.1 2-6A.2

Provide each SGL door(s) with the following:

QTY		DESCRIPTION	CATALOG NUMBER	FINISH	MFR
3	EA	HINGE	5BB1 4.5 X 4.5 (NRP AS REQ)	652	IVE
1	EA	PANIC HARDWARE	LD-98-L-2-06	626	VON
1	EA	RIM CYL HOUSING (FSIC)	20-079 ICX	626	SCH
1	EA	MORTISE CYL HOUSING (FSIC)	26-094	626	SCH
2	EA	PERMANENT CORE, PRIMUS (FSIC)	20-740 - MATCH EXISTING SYSTEM	626	SCH
1	EA	SURFACE CLOSER	4040XP EDA MC	689	LCN
1	EA	KICK PLATE	8400 10"H X WIDTH AS REQ'D B-CS	630	IVE
1	EA	WALL BMPR CAST CONCAVE SC	1270-CV	626	TRM
3	EA	SILENCER	SR64	GRY	IVE

Hardware Group No. 22

For use on Door #(s):

5C.1 5C.2

Provide each SGL door(s) with the following:

QTY		DESCRIPTION	CATALOG NUMBER	FINISH	MFR
3	EA	HINGE	5BB1 5 X 4.5 (NRP AS REQ'D)	652	IVE
1	EA	PANIC HARDWARE	LD-98-L-2-06	626	VON
1	EA	RIM CYL HOUSING (FSIC)	20-079 ICX	626	SCH
1	EA	MORTISE CYL HOUSING (FSIC)	26-094	626	SCH
2	EA	PERMANENT CORE, PRIMUS (FSIC)	20-740 - MATCH EXISTING SYSTEM	626	SCH
1	EA	SURFACE CLOSER	4040XP EDA MC	689	LCN
1	EA	KICK PLATE	8400 10"H X WIDTH AS REQ'D B-CS	630	IVE
1	EA	WALL BMPR CAST CONCAVE SC	1270-CV	626	TRM
1	EA	GASKETING	870AA @ H & J MOUNT PRIOR TO ANY OTHER HEAD MOUNTED HARDWARE	AA	ZER
1	EA	MOUNTING BRACKET	870SPB		ZER

Hardware Group No. 23

For use on Door #(s):

12AH 12AJ 12AK 12AL 12AM 12AN
12AO

Provide each SGL door(s) with the following:

QTY		DESCRIPTION	CATALOG NUMBER	FINISH	MFR
1	EA	PASSAGE SET	L9010 06A VERIFY DOOR PREP AND THICKNESS	626	SCH
1	EA	OH STOP & HOLDER	90F	630	GLY
	EA	Note	BALANCE OF HARDWARE BY DOOR MANUFACTURER		
	EA	NOTE	THRESHOLD AND SEALS BY DOOR MANUFACTURER		

Hardware Group No. 24

For use on Door #(s):

12E.1 12E.2 3E 7B 8HB.1

Provide each SGL door(s) with the following:

QTY		DESCRIPTION	CATALOG NUMBER	FINISH	MFR
3	EA	HINGE	5BB1 5 X 4.5 (NRP AS REQ'D)	652	IVE
1	EA	CLASSROOM SECURITY	L9071J 06A	626	SCH
2	EA	PERMANENT CORE, PRIMUS (FSIC)	20-740 - MATCH EXISTING SYSTEM	626	SCH
1	EA	WALL BMPR CAST CONCAVE SC	1270-CV	626	TRM
3	EA	SILENCER	SR64	GRY	IVE

Hardware Group No. 25

For use on Door #(s):

8HA.1

Provide each SGL door(s) with the following:

QTY		DESCRIPTION	CATALOG NUMBER	FINISH	MFR
3	EA	HINGE	5BB1 5 X 4.5 (NRP AS REQ'D)	652	IVE
1	EA	PANIC HARDWARE	LD-98-L-2-06	626	VON
1	EA	RIM CYL HOUSING (FSIC)	20-079 ICX	626	SCH
1	EA	MORTISE CYL HOUSING (FSIC)	26-094	626	SCH
2	EA	PERMANENT CORE, PRIMUS (FSIC)	20-740 - MATCH EXISTING SYSTEM	626	SCH
1	EA	SURFACE CLOSER	4040XP EDA MC	689	LCN
1	EA	KICK PLATE	8400 10"H X WIDTH AS REQ'D B-CS	630	IVE
1	EA	WALL BMPR CAST CONCAVE SC	1270-CV	626	TRM
3	EA	SILENCER	SR64	GRY	IVE

Hardware Group No. 26

For use on Door #(s):

12EB 12JB 8HAB

Provide each SGL door(s) with the following:

QTY		DESCRIPTION	CATALOG NUMBER	FINISH	MFR
3	EA	HINGE	5BB1 4.5 X 4.5 (NRP AS REQ)	652	IVE
1	EA	CLASSROOM LOCK	L9070J 06A	626	SCH
1	EA	PERMANENT CORE, PRIMUS (FSIC)	20-740 - MATCH EXISTING SYSTEM	626	SCH
1	EA	WALL BMPR CAST CONCAVE SC	1270-CV	626	TRM
3	EA	SILENCER	SR64	GRY	IVE

Hardware Group No. 27

For use on Door #(s):
12AF.2

Provide each PR door(s) with the following:

QTY		DESCRIPTION	CATALOG NUMBER	FINISH	MFR
2	EA	CONT. HINGE	224XY	628	IVE
1	EA	REMOVABLE MULLION	KR4954 STAB	689	VON
1	EA	ELEC PANIC HARDWARE	LD-RX-98-L-DT-06	626	VON
1	EA	ELEC PANIC HARDWARE	LD-RX-98-L-NL-06	626	VON
1	EA	MULLION STORAGE KIT	MT54	689	VON
1	EA	RIM CYL HOUSING (FSIC)	20-079 ICX	626	SCH
1	EA	MORTISE CYL HOUSING (FSIC)	26-094	626	SCH
2	EA	PERMANENT CORE, PRIMUS (FSIC)	20-740 - MATCH EXISTING SYSTEM	626	SCH
2	EA	SURFACE CLOSER	4040XP EDA MC	689	LCN
2	EA	KICK PLATE	8400 10"H X WIDTH AS REQ'D B-CS	630	IVE
2	EA	FLOOR STOP	FS444	626	IVE
1	EA	RAIN DRIP	142AA	AA	ZER
1	SET	JAMB SEAL SET	328AA	AA	ZER
1	EA	HEAD SEAL	429BK	BK	ZER
			MOUNT PRIOR TO ANY OTHER HEAD MOUNTED HARDWARE		
1	EA	MULLION SEAL	8780NBK PSA	BK	ZER
2	EA	DOOR SWEEP, BRUSH W/ DRIP	8198AA	AA	ZER
1	EA	THRESHOLD	566A-V3-223	A	ZER
2	EA	DOOR CONTACT	BY ACCESS CONTROL INTEGRATOR		B/O

Hardware Group No. 28

For use on Door #(s):

12AB.1

Provide each PR door(s) with the following:

QTY		DESCRIPTION	CATALOG NUMBER	FINISH	MFR
2	EA	CONT. HINGE	112XY	628	IVE
1	EA	REMOVABLE MULLION	KR4954 STAB	689	VON
2	EA	PANIC HARDWARE	LD-98-L-2-06	626	VON
1	EA	MULLION STORAGE KIT	MT54	689	VON
2	EA	RIM CYL HOUSING (FSIC)	20-079 ICX	626	SCH
3	EA	MORTISE CYL HOUSING (FSIC)	26-094	626	SCH
5	EA	PERMANENT CORE, PRIMUS (FSIC)	20-740 - MATCH EXISTING SYSTEM	626	SCH
2	EA	SURFACE CLOSER (W/ SPRING STOP)	4040XP SCUSH	689	LCN
2	EA	MOUNTING PLATE	4040XP-18PA AS REQ'D	689	LCN
2	EA	CUSH SHOE SUPPORT	4040XP-30 AS REQ'D	689	LCN
2	EA	BLADE STOP SPACER	4040XP-61 AS REQ'D	689	LCN
1	EA	MULLION SEAL	8780NBK PSA	BK	ZER
1	SET	HEAD AND JAMB SOUND SEAL	BY ALUM DOOR/FRAME MANUFACTURER		B/O
2	EA	DOOR BOTTOM	369AA-Z49-PULL-OUT	AA	ZER
1	EA	MEETING STILE	8195BK	BK	ZER
1	EA	THRESHOLD	544A-V3-223	A	ZER

Hardware Group No. 29

For use on Door #(s):
8HA.3

Provide each SGL door(s) with the following:

QTY		DESCRIPTION	CATALOG NUMBER	FINISH	MFR
3	EA	HINGE	5BB1 5 X 4.5 (NRP AS REQ'D)	652	IVE
1	EA	PANIC HARDWARE	LD-98-L-2-06	626	VON
1	EA	RIM CYL HOUSING (FSIC)	20-079 ICX	626	SCH
1	EA	MORTISE CYL HOUSING (FSIC)	26-094	626	SCH
2	EA	PERMANENT CORE, PRIMUS (FSIC)	20-740 - MATCH EXISTING SYSTEM	626	SCH
1	EA	SURFACE CLOSER (W/ SPRING STOP)	4040XP SCUSH MC	689	LCN
1	EA	KICK PLATE	8400 10"H X WIDTH AS REQ'D B-CS	630	IVE
3	EA	SILENCER	SR64	GRY	IVE

Hardware Group No. 30

For use on Door #(s):
12A.2

Provide each SGL door(s) with the following:

QTY		DESCRIPTION	CATALOG NUMBER	FINISH	MFR
3	EA	HINGE	5BB1 4.5 X 4.5 (NRP AS REQ)	652	IVE
1	EA	CLASSROOM SECURITY	L9071J 06A	626	SCH
2	EA	PERMANENT CORE, PRIMUS (FSIC)	20-740 - MATCH EXISTING SYSTEM	626	SCH
1	EA	WALL BMPR CAST CONCAVE SC	1270-CV	626	TRM
3	EA	GASKETING	870AA @ H & J MOUNT PRIOR TO ANY OTHER HEAD MOUNTED HARDWARE	AA	ZER
1	EA	DOOR BOTTOM	369AA-Z49-PULL-OUT	AA	ZER
1	EA	THRESHOLD	544A-V3-223	A	ZER

Hardware Group No.31

For use on Door #(s):

382

385

Provide each PR door(s) with the following:

QTY		DESCRIPTION	CATALOG NUMBER	FINISH	MFR
<u>2</u>	<u>EA</u>	<u>CONT. HINGE</u>	<u>224XY</u>	<u>628</u>	<u>IVE</u>
<u>1</u>	<u>EA</u>	<u>CONST LATCHING BOLT</u>	<u>FB51P/FB61P AS REQ</u>	<u>630</u>	<u>IVE</u>
<u>1</u>	<u>EA</u>	<u>STOREROOM LOCK</u>	<u>L9080J 06A</u>	<u>626</u>	<u>SCH</u>
<u>1</u>	<u>EA</u>	<u>PERMANENT CORE,</u> <u>PRIMUS (FSIC)</u>	<u>20-740 - MATCH EXISTING SYSTEM</u>	<u>626</u>	<u>SCH</u>
<u>1</u>	<u>EA</u>	<u>OH STOP & HOLDER</u>	<u>90F</u>	<u>630</u>	<u>GLY</u>
<u>1</u>	<u>EA</u>	<u>SURFACE CLOSER (W/</u> <u>SPRING STOP)</u>	<u>4040XP SCUSH</u>	<u>689</u>	<u>LCN</u>
<u>2</u>	<u>EA</u>	<u>KICK PLATE</u>	<u>8400 10"H X WIDTH AS REQ'D B-</u> <u>CS</u>	<u>630</u>	<u>IVE</u>
<u>1</u>	<u>EA</u>	<u>RAIN DRIP</u>	<u>142AA</u>	<u>AA</u>	<u>ZER</u>
<u>1</u>	<u>SET</u>	<u>JAMB SEAL SET</u>	<u>328AA</u>	<u>AA</u>	<u>ZER</u>
<u>1</u>	<u>EA</u>	<u>GASKETING</u>	<u>429AA</u>	<u>AA</u>	<u>ZER</u>
<u>1</u>	<u>EA</u>	<u>ASTRAGAL, OVERLAP</u>	<u>383AA</u>	<u>AA</u>	<u>ZER</u>
<u>2</u>	<u>EA</u>	<u>DOOR SWEEP, BRUSH W/</u> <u>DRIP</u>	<u>8198AA</u>	<u>AA</u>	<u>ZER</u>
<u>1</u>	<u>EA</u>	<u>THRESHOLD</u>	<u>566A-V3-223</u>	<u>A</u>	<u>ZER</u>

SECTION 23 74 16.11 - PACKAGED, SMALL-CAPACITY, ROOFTOP AIR-CONDITIONING UNITS

PART 1 - GENERAL

1.1 SUMMARY

A. Section Includes:

1. Packaged, small-capacity, rooftop air-conditioning units.

1.2 DEFINITIONS

- ##### A. RTU: Rooftop unit. As used in this Section, this abbreviation means packaged, small-capacity, rooftop air-conditioning units. This abbreviation is used regardless of whether the unit is mounted on the roof or on a concrete base on ground.

1.3 ACTION SUBMITTALS

A. Product Data:

1. For each RTU.
 - a. Include construction details, material descriptions, dimensions of individual components and profiles, and finishes.
 - b. Include rated capacities, dimensions, required clearances, characteristics, and furnished specialties and accessories.
 - c. Include unit dimensions and weight.
 - d. Include cabinet material, metal thickness, finishes, insulation, and accessories.
 - e. Fans:
 - 1) Include certified fan-performance curves with system operating conditions indicated.
 - 2) Include certified fan-sound power ratings.
 - 3) Include fan construction and accessories.
 - 4) Include motor ratings, electrical characteristics, and motor accessories.
 - f. Include certified coil-performance ratings with system operating conditions indicated.
 - g. Include filters with performance characteristics.
 - h. Include gas furnaces with performance characteristics.
 - i. Include dampers, including housings, linkages, and operators.

- ##### B. Shop Drawings: For each packaged, small-capacity, rooftop air-conditioning unit.

1. Include plans, elevations, sections, and mounting and attachment details.
2. Include details of equipment assemblies. Indicate dimensions, weights, loads, required clearances, method of field assembly, components, and location and size of each field connection.
3. Include diagrams for power, signal, and control wiring.

1.4 INFORMATIONAL SUBMITTALS

- A. Coordination Drawings: Floor plans and other details, or BIM model, drawn to scale, showing the items described in this Section, and coordinated with all building trades.
- B. Sample Warranty: For manufacturer's warranty.
- C. Seismic Qualification Data: Certificates, for RTUs, accessories, and components, from manufacturer.
 1. Basis for Certification: Indicate whether withstand certification is based on actual test of assembled components or on calculation.
 2. Dimensioned Outline Drawings of Equipment Unit: Identify center of gravity and locate and describe mounting and anchorage provisions.
 3. Detailed description of equipment anchorage devices on which the certification is based and their installation requirements.
 4. Restraint of internal components.
- D. Product Certificates: Submit certification that specified equipment will withstand wind forces identified in "Performance Requirements" Article and in Section 23 05 48 "Vibration and Seismic Controls for HVAC."
 1. Basis for Certification: Indicate whether withstand certification is based on actual test of assembled components or on calculations.
 2. Dimensioned Outline Drawings of Equipment Unit: Identify center of wind force and locate and describe mounting and anchorage provisions.
 3. Detailed description of equipment anchorage devices on which the certification is based and their installation requirements.
- E. Source quality-control reports.
- F. System startup reports.
- G. Field quality-control reports.

1.5 CLOSEOUT SUBMITTALS

- A. Operation and Maintenance Data: For RTUs to include in emergency, operation, and maintenance manuals.

1.6 MAINTENANCE MATERIAL SUBMITTALS

- A. Furnish extra materials that match products installed and that are packaged with protective covering for storage and identified with labels describing contents.
 - 1. Filters: One set(s) of filters for each unit.
 - 2. Gaskets: One set(s) for each access door.
 - 3. Fan Belts: One set(s) for each belt-driven fan.

1.7 WARRANTY

- A. Warranty: Manufacturer agrees to repair or replace components of packaged, small-capacity, rooftop air-conditioning unit that fail in materials or workmanship within specified warranty period.
 - 1. Warranty Period: 5 year(s) from date of Substantial Completion.
 - 2. Warranty Period for Heat Exchangers: Manufacturer's standard, but not less than five years from date of Substantial Completion

PART 2 - PRODUCTS

2.1 PERFORMANCE REQUIREMENTS

- A. Electrical Components, Devices, and Accessories: Listed and labeled as defined in NFPA 70, by an NRTL, and marked for intended location and application.
- B. NFPA Compliance: Comply with NFPA 90A for design, fabrication, and installation of RTUs and components.
- C. ASHRAE 62.1 Compliance: Applicable requirements in ASHRAE 62.1, Section 5 - "Systems and Equipment" and Section 7 - "Construction and Startup."
- D. ASHRAE 15 Compliance: For refrigeration system safety.
- E. ASHRAE/IES 90.1 Compliance: Applicable requirements in ASHRAE/IES 90.1, Section 6 - "Heating, Ventilating, and Air-Conditioning."
- F. UL Compliance: Comply with UL 1995.

2.2 CAPACITIES AND CHARACTERISTICS

2.3 PACKAGED, SMALL-CAPACITY, ROOFTOP AIR-CONDITIONING UNITS

- A. Manufacturers: Subject to compliance with requirements, provide products by one of the following:
 - 1. Carrier.

2. Daikin.
3. Greenheck.
4. Valent.

B. Unit Casings:

1. General Fabrication Requirements for Casings: Formed and reinforced double-wall insulated panels, fabricated to allow removal for access to internal parts and components, with joints between sections sealed.
2. Double-Wall Construction:
 - a. Outside Casing Wall: Galvanized steel, minimum 18 gauge thick with manufacturer's standard finish, with pitched roof panels and knockouts with grommet seals for electrical and piping connections and lifting lugs.
 - b. Inside Casing Wall: G90-coated galvanized steel, 0.028 inch thick.
 - c. Floor Plate: G90 galvanized steel, treadplate, minimum 18 gauge thick.
 - d. Casing Insulation:
 - 1) Materials: Injected polyurethane foam insulation.
 - 2) Insulation Thickness: 2 inches.
 - 3) Thermal Break: Provide continuity of insulation with no through-casing metal in casing walls, floors, or roof of unit.
3. Airstream Surfaces: Surfaces in contact with airstream to comply with requirements in ASHRAE 62.1.
4. Static-Pressure Classifications:
 - a. For Unit Sections Upstream of Fans: Minus 2-inch wg.
 - b. For Unit Sections Downstream and Including Fans: 2-inch wg.
5. Panels and Doors:
 - a. Panels:
 - 1) Fabrication: Formed and reinforced with same materials and insulation thickness as casing.
 - 2) Fasteners: Two or more camlock type for panel lift-out operation. Arrangement to allow panels to be opened against air-pressure differential.
 - 3) Gasket: Neoprene, applied around entire perimeters of panel frames.
 - 4) Size: Large enough to allow inspection and maintenance of air-handling unit's internal components.
 - b. Access Doors:
 - 1) Hinges: A minimum of two ball-bearing hinges or stainless steel piano hinge and two wedge-lever-type latches, operable from inside and outside. Arrange doors to be opened against air-pressure differential.
 - 2) Gasket: Neoprene, applied around entire perimeters of panel frames.
 - 3) Size: Large enough to allow inspection and maintenance of air-handling unit's internal components.

- c. Locations and Applications:
 - 1) Fan Section: Doors and inspection and access panels.
 - 2) Access Section: Doors.
 - 3) Coil Section: Inspection and access panels.
 - 4) Damper Section: Inspection and access panels.
 - 5) Filter Section: Inspection and access panels large enough to allow periodic removal and installation of filters.
 - 6) Mixing Section: Doors.
- 6. Condensate Drain Pans:
 - a. Location: Each type of cooling coil and rotary heat exchanger.
 - b. Construction:
 - 1) Single-wall, stainless steel sheet.
 - c. Drain Connection:
 - 1) Located at lowest point of pan and sized to prevent overflow. Terminate with threaded nipple on one end of pan.
 - 2) Minimum Connection Size: NPS 1.
 - d. Slope: Minimum 0.125-in./ft. slope, to comply with ASHRAE 62.1, in at least two planes to collect condensate from cooling coils (including coil piping connections, coil headers, and return bends) and from humidifiers and to direct water toward drain connection.
 - e. Length: Extend drain pan downstream from leaving face for distance to comply with ASHRAE 62.1.
 - f. Width: Entire width of water producing device.
 - g. Depth: A minimum of 2 inches deep.
 - h. Units with stacked coils must have an intermediate drain pan to collect condensate from top coil.
- C. Fans, Drives, And Motors:
 - 1. Fan and Drive Assemblies: Statically and dynamically balanced and designed for continuous operation at maximum-rated fan speed and motor horsepower.
 - 2. Supply-Air Fans: Centrifugal, rated according to AMCA 210; galvanized or painted steel; mounted on solid-steel shaft.
 - a. Shafts: With field-adjustable alignment.
 - 1) Turned, ground, and polished hot-rolled steel with keyway.
 - b. Shaft Bearings:
 - 1) Heavy-duty, self-aligning, pillow-block type with an L-50 rated life of minimum 100,000 hours according to ABMA 9.

- c. Housings: Formed- and reinforced-steel panels to form curved scroll housings with shaped cutoff and spun-metal inlet bell.
 - 1) Bracing: Steel angle or channel supports for mounting and supporting fan scroll, wheel, motor, and accessories.
- d. Centrifugal Fan Wheels: Inlet flange, backplate, and shallow blades with inlet and tip curved forward in direction of airflow and mechanically fastened to flange and backplate; steel or aluminum hub swaged to backplate and fastened to shaft with setscrews.
- e. Mounting: For internal vibration isolation. Factory-mount fans with manufacturer's standard vibration isolation mounting devices having a minimum static deflection of 1 inch.
- f. Shaft Lubrication Lines: Extended to a location outside the casing.
- g. Flexible Connector: Factory fabricated with a fabric strip minimum 3-1/2 inches wide, attached to two strips of minimum 2-3/4-inch-wide by 0.028-inch-thick, galvanized-steel sheet.
 - 1) Flexible Connector Fabric: Glass fabric, double coated with neoprene. Fabrics, coatings, and adhesives to comply with UL 181, Class 1.
- 3. Drives, Direct: Factory-mounted, direct drive.
- 4. Drives, Belt: Factory-mounted, V-belt drive, with adjustable alignment and belt tensioning, and with 1.5 service factor based on fan motor.
 - a. Pulleys: Cast iron or cast steel with split, tapered bushing, dynamically balanced at the factory.
 - b. Belts: Oil resistant, non-sparking and nonstatic; in matched sets for multiple-belt drives.
 - c. Belt Guards: Comply with requirements specified by OSHA and fabricate according to SMACNA's "HVAC Duct Construction Standards"; 0.146-inch-thick, 3/4-inch diamond-mesh wire screen, welded to steel angle frame; prime coated.
- 5. Condenser-Coil Fan: propeller, mounted on shaft of permanently lubricated motors.
- 6. Relief-Air Fan: Propeller, shaft mounted on permanently lubricated motor.
- 7. Motors:
 - a. Comply with NEMA designation, temperature rating, service factor, and efficiency requirements for motors specified in Section 23 05 00 "Common Work Results for HVAC."

D. Rotary Heat Exchanger:

- 1. Heat exchanger integral with unit.
- 2. Casing:
 - a. Galvanized steel, stainless steel, or aluminum with manufacturer's standard factory-painted finish.

- b. Integral purge section limiting carryover of exhaust air to between 0.05 percent at 1.6-inch wg and 0.20 percent at 4-inch wg differential pressure.
 - c. Casing seals on periphery of rotor and on duct divider and purge section.
 - d. Support vertical rotor on grease-lubricated ball bearings having extended grease fittings or permanently lubricated bearings. Support horizontal rotors on tapered roller bearing.
- 3. Rotor - Aluminum, Metallic, or Polymer: Aluminum, metallic, or polymer segmented wheel, strengthened with radial spokes impregnated with nonmigrating, water-selective, 3-angstrom molecular-sieve desiccant coating.
- 4. Drive: Fractional horsepower motor and gear reducer, with speed changed by variable-frequency controller. Permanently lubricated wheel bearings with an L-10.
- 5. Controls:
 - a. Starting relay, factory mounted and wired, and manual motor starter for field wiring.
 - b. Variable-frequency controller, factory mounted and wired, permitting input of field connected 4-20 mA or 1-10-V control signal.
 - c. Variable-frequency controller, factory mounted and wired, with exhaust-air sensor to vary rotor speed and maintain exhaust temperature above freezing.
 - d. Variable-frequency controller, factory mounted and wired, with exhaust- and outdoor-air sensors, automatic changeover thermostat and set-point adjuster, to vary rotor speed and maintain exhaust temperature above freezing and air differential temperature above set point. Rotor speed is to increase to maximum when exhaust-air temperature is less than outdoor-air temperature.
 - e. Control energy recovery to permit air economizer operation.
 - 1) Bypass dampers to assist energy recovery control.
 - f. Pilot-Light Indicator: Display rotor rotation and speed.
 - g. Speed Settings: Adjustable settings for maximum and minimum rotor speed limits.
 - h. Defrost cycle.
- E. Fixed-plate Heat Exchanger: Total energy-recovery unit.
- F. Coils:
 - 1. General Requirements for Coils:
 - a. Comply with AHRI 410.
 - b. Fabricate coils section to allow for removal and replacement of coil for maintenance and to allow in-place access for service and maintenance of coil(s).
 - c. Coils to not act as structural component of unit.
 - 2. Supply-Air Refrigerant Coil:
 - a. Tubes: Copper.
 - b. Fins:

- 1) Material: Aluminum.
 - 2) Fin Spacing: Maximum 12 fins per inch.
 - c. Fin and Tube Joints: Mechanical bond.
 - d. Headers: Seamless-copper headers with brazed connections.
 - e. Frames: Stainless steel.
 - f. Coatings: None.
 - g. Ratings: Designed, tested, and rated according to ASHRAE 33 and AHRI 410.
 - 1) Working Pressure: Minimum 300 psig.
3. Outdoor-Air Refrigerant Coil:
- a. Tubes: Copper.
 - b. Fins:
 - 1) Material: Aluminum.
 - 2) Fin Spacing: Maximum 12 fins per inch.
 - c. Fin and Tube Joints: Mechanical bond.
 - d. Headers: Seamless-copper headers with brazed connections.
 - e. Frames: Stainless steel.
 - f. Coatings: None.
 - g. Ratings: Designed, tested, and rated according to ASHRAE 33 and AHRI 410.
- 1) Working Pressure: Minimum 300 psig.
4. Hot-Gas Reheat Refrigerant Coil:
- a. Tubes: Copper.
 - b. Fins:
 - 1) Material: Aluminum.
 - 2) Fin Spacing: Maximum 12 fins per inch.
 - c. Fin and Tube Joints: Mechanical bond.
 - d. Headers: Seamless-copper headers with brazed connections.
 - e. Frames: Stainless steel.
 - f. Coatings: None.
 - g. Ratings: Designed, tested, and rated according to ASHRAE 33 and AHRI 410.
- 1) Working Pressure: Minimum 300 psig.
- h. Suction-discharge bypass valve.

G. Refrigerant Circuit Components:

1. Compressor: Hermetic, variable-speed scroll, mounted on vibration isolators; with internal overcurrent and high-temperature protection, internal pressure relief, and crankcase heater.
2. Refrigeration Specialties:
 - a. Refrigerant: Manufacturer standard..
 - b. Expansion valve with replaceable thermostatic element.
 - c. Refrigerant filter/dryer.
 - d. Manual-reset high-pressure safety switch.
 - e. Automatic-reset low-pressure safety switch.
 - f. Minimum off-time relay.
 - g. Automatic-reset compressor motor thermal overload.
 - h. Brass service valves installed in compressor suction and liquid lines.
 - i. Low-ambient kit high-pressure sensor.
 - j. Hot-gas reheat solenoid valve modulating with a replaceable magnetic coil.
 - k. Hot-gas bypass solenoid valve with a replaceable magnetic coil.
 - l. Four-way reversing valve with a replaceable magnetic coil, thermostatic expansion valves with bypass check valves, and a suction line accumulator.

H. Air Filtration:

1. Particulate air filtration is specified in Section 23 41 00 "Particulate Air Filtration."
2. Panel Filters:
 - a. Description: Pleated factory-fabricated, self-supported, disposable air filters with holding frames.
 - b. Filter Unit Class: UL 900.
 - c. Media: Interlaced glass, synthetic or cotton fibers coated with nonflammable adhesive and antimicrobial coating.
 - d. Filter-Media Frame: Beverage board with perforated metal retainer, or metal grid, on outlet side.
3. Adhesive, Sustainability Projects: As recommended by air-filter manufacturer and with a VOC content of 80 g/L or less.
4. Adhesive, LEED for Schools Projects: As recommended by air-filter manufacturer and that complies with the testing and product requirements of the California Department of Public Health's "Standard Method for the Testing and Evaluation of Volatile Organic Chemical Emissions from Indoor Sources Using Environmental Chambers."

I. Gas Furnaces:

1. Description: Factory assembled, piped, and wired; complying with ANSI Z21.47/CSA 2.3 and NFPA 54.
2. CSA Approval: Designed and certified by and bearing label of CSA.
3. Burners: Stainless steel.
 - a. Rated Minimum Turndown Ratio: 30 to 1.
 - b. Fuel: Natural gas.
 - c. Ignition: Electronically controlled electric spark or hot-surface igniter with flame sensor.

- d. Gas Control Valve: Modulating.
 - e. Gas Train: Single-body, regulated, redundant, 24-V ac gas valve assembly containing pilot solenoid valve, pilot filter, pressure regulator, pilot shutoff, and manual shutoff.
 - 4. Heat-Exchanger and Drain Pan: Stainless steel.
 - 5. Venting, Gravity: Gravity vented with vertical extension.
 - 6. Safety Controls:
 - a. Gas Manifold: Safety switches and controls complying with ANSI standards.
- J. Dampers:
 - 1. Outdoor- and Return-Air Dampers: Low-leakage, double-skin, airfoil-blade, galvanized-steel dampers with compressible jamb seals and extruded-vinyl blade edge seals in parallel-blade arrangement with zinc-plated steel operating rods rotating in sintered bronze or nylon bearings mounted in a single galvanized-steel frame, and with operating rods connected with a common linkage. Leakage rate must not exceed 4 cfm/sq. ft. at 1-inch wg and 8 cfm/sq. ft. at 4-inch wg rated in accordance with AMCA 500D.
 - 2. Barometric relief dampers.
 - 3. Damper Operators: Comply with requirements in Section 23 09 23.12 "Control Dampers."
 - 4. Electronic Damper Operators:
 - a. Direct-coupled type designed for minimum 60,000 full-stroke cycles at rated torque.
 - b. Electronic damper position indicator to have visual scale indicating percent of travel and 2- to 10-V dc, feedback signal.
 - c. Operator Motors:
 - 1) Comply with NEMA designation, temperature rating, service factor, enclosure type, and efficiency requirements for motors specified in Section 23 05 00 "Common Work Results for HVAC."
 - 2) Size to operate with sufficient reserve power to provide smooth modulating action or two-position action.
 - 3) Permanent Split-Capacitor or Shaded-Pole Type: Gear trains completely oil immersed and sealed. Equip spring-return motors with integral spiral-spring mechanism in housings designed for easy removal for service or adjustment of limit switches, auxiliary switches, or feedback potentiometer.
 - d. Nonspring-Return Motors for Dampers Larger Than 25 Sq. Ft.: Size for running torque of 150 in. x lbf and breakaway torque of 300 in. x lbf.
 - e. Spring-Return Motors for Dampers Larger Than 25 Sq. Ft.: Size for running and breakaway torque of 150 in. x lbf.
 - f. Size dampers for running torque calculated as follows:
 - 1) Parallel-Blade Damper with Edge Seals: 7 inch-lb/sq. ft. of damper.
 - 2) Opposed-Blade Damper with Edge Seals: 5 inch-lb/sq. ft. of damper.
 - 3) Parallel-Blade Damper without Edge Seals: 4 inch-lb/sq. ft. of damper.

- 4) Opposed-Blade Damper without Edge Seals: 3 inch-lb/sq. ft. of damper.
- 5) Dampers with 2- to 3-Inch wg (500 to 750 Pa) of Pressure Drop or Face Velocities of 1000 to 2500 fpm (5 to 13 m/s): Increase running torque by 1.5.
- 6) Dampers with 3- to 4-Inch wg (750 to 1000 Pa) of Pressure Drop or Face Velocities of 2500 to 3000 fpm (13 to 15 m/s): Increase running torque by 2.0.

- g. Coupling: V-bolt and V-shaped, toothed cradle.
- h. Overload Protection: Electronic overload or digital rotation-sensing circuitry.
- i. Fail-Safe Operation: Mechanical, spring-return mechanism with external, manual gear release on nonspring-return actuators.
- j. Power Requirements (Two-Position Spring Return): 24 V dc.
- k. Power Requirements (Modulating): Maximum 10 VA at 24 V ac or 8 W at 24 V dc.
- l. Proportional Signal: 2 to 10 V dc or 4 to 20 mA, and 2- to 10-V dc position feedback signal.
- m. Temperature Rating: Minus 22 to plus 122 deg F.
- n. Run Time: 30 seconds.

K. Electrical Power Connections:

1. RTU to have a single connection of power to unit with unit-mounted disconnect switch accessible from outside unit and control-circuit transformer with built-in overcurrent protection.

L. Controls:

1. Basic Unit Controls:

- a. Control-voltage transformer.
- b. Wall-mounted thermostat or sensor with the following features:
 - 1) Heat-cool-off switch.
 - 2) Fan on-auto switch.
 - 3) Fan-speed switch.
 - 4) Automatic changeover.
 - 5) Adjustable deadband.
 - 6) Concealed set point.
 - 7) Concealed indication.
 - 8) Degree F indication.
 - 9) Unoccupied-period-override push button.
 - 10) Data entry and access port to input temperature and humidity set points, occupied and unoccupied periods, and output room temperature and humidity, supply-air temperature, operating mode, and status.
- c. Wall-mounted humidistat or sensor with the following features:
 - 1) Concealed set point.
 - 2) Concealed indication.

- d. Annunciator Panel for Each Unit:
 - 1) Configuration: Unit-mounted.
 - 2) Lights to indicate power on, cooling, heating, fan running, filter dirty, and unit alarm or failure.
 - 3) DDC controller or programmable timer and interface with HVAC instrumentation and control system.
 - 4) Digital display of outdoor-air temperature, supply-air temperature, return-air temperature, economizer damper position, indoor-air quality, and control parameters.
- 2. Controller:
 - a. Type: DDC.
 - b. Controller to have volatile-memory backup.
 - c. Safety Control Operation:
 - 1) Smoke Detectors: Stop fan and close outdoor-air damper if smoke is detected. Provide additional contacts for alarm interface to fire-alarm control panel.
 - 2) Firestats: Stop fan and close outdoor-air damper if air greater than 130 deg F enters unit. Provide additional contacts for alarm interface to fire-alarm control panel.
 - 3) Fire-Alarm Control Panel Interface: Provide control interface to Fire Alarm Control Panel.
 - 4) Low-Discharge Temperature: Stop fan and close outdoor-air damper if supply-air temperature is less than 40 deg F.
 - 5) Defrost Control for Condenser Coil: Pressure differential switch to initiate defrost sequence.
 - d. Scheduled Operation: Occupied and unoccupied periods on seven -day clock with a minimum of four programmable periods per day.
 - e. Unoccupied Period:
 - 1) Heating Setback: 10 deg F.
 - 2) Cooling Setback: System off.
 - 3) Override Operation: Two hours.
 - f. Supply Fan Operation:
 - 1) Occupied Periods: Run fan continuously.
 - 2) Unoccupied Periods: Cycle fan to maintain setback temperature.
 - g. Refrigerant Circuit Operation:
 - 1) Occupied Periods: Cycle or stage compressors, and operate hot-gas bypass to match compressor output to cooling load to maintain room temperature and humidity. Cycle condenser fans to maintain maximum hot-gas pressure. Operate low-ambient control kit to maintain minimum hot-gas pressure.

- 2) Unoccupied Periods: Cycle compressors and condenser fans for heating to maintain setback temperature.
- 3) Switch reversing valve for heating or cooling mode on air-to-air heat pump.
- h. Hot-Gas Reheat-Coil Operation:
 - 1) Occupied Periods: Humidistat opens hot-gas valve to provide hot-gas reheat, and cycles the compressor.
 - 2) Unoccupied Periods: Reheat not required.
- i. Gas Furnace Operation:
 - 1) Occupied Periods: Modulate burner to maintain room temperature.
 - 2) Unoccupied Periods: Cycle burner to maintain setback temperature.
- j. Fixed Minimum Outdoor-Air Damper Operation:
 - 1) Occupied Periods: Open to minimum OA setpoint.
 - 2) Unoccupied Periods: Close the outdoor-air damper.
- k. Economizer Outdoor-Air Damper Operation:
 - 1) Occupied Periods: Open to fixed minimum intake, and maximum 100 percent of the fan capacity. Controller is to permit air-side economizer operation when outdoor air is less than 60 deg F. Use outdoor-air temperature to adjust mixing dampers. Start relief-air fan with end switch on outdoor-air damper. During economizer cycle operation, lock out cooling.
 - 2) Unoccupied Periods: Close outdoor-air damper and open return-air damper.
 - 3) Outdoor-Airflow Monitor: Accuracy maximum plus or minus 5 percent within 15 and 100 percent of total outdoor air. Monitor microprocessor to adjust for temperature, and output to range from 2- to 10-V dc.
3. Interface Requirements for HVAC Instrumentation and Control System:
 - a. Interface relay for scheduled operation.
 - b. Interface relay to provide indication of fault at the central workstation and diagnostic code storage.
 - c. Provide BACnet compatible interface for central HVAC control workstation for the following:
 - 1) Adjusting set points.
 - 2) Monitoring supply fan start, stop, and operation.
 - 3) Inquiring data to include outdoor-air damper position, supply- and room-air temperature and humidity.
 - 4) Monitoring occupied and unoccupied operations.
 - 5) Monitoring constant and variable motor loads.
 - 6) Monitoring variable-frequency drive operation.
 - 7) Monitoring cooling load.
 - 8) Monitoring economizer cycles.

- 9) Monitoring air-distribution static pressure and ventilation air volume.

M. Roof Curbs:

1. Roof curbs with vibration isolators and wind or seismic restraints are specified in Section 23 05 48 "Vibration and Seismic Controls for HVAC."
2. Materials: Galvanized steel with corrosion-protection coating, watertight gaskets, and factory-installed wood nailer; complying with NRCA standards.
 - a. Curb Insulation and Adhesive: Comply with NFPA 90A or NFPA 90B.
 - 1) Materials: ASTM C1071, Type I or II.
 - 2) Thickness: 2 inches.
 - b. Application: Factory applied with adhesive and mechanical fasteners to the internal surface of curb.
 - 1) Liner Adhesive: Comply with ASTM C916, Type I.
 - 2) Mechanical Fasteners: Galvanized steel, suitable for adhesive attachment, mechanical attachment, or welding attachment to duct without damaging liner when applied as recommended by manufacturer and without causing leakage in cabinet.
 - 3) Liner materials applied in this location to have airstream surface coated with a temperature-resistant coating or faced with a plain or coated fibrous mat or fabric depending on service air velocity.
3. Curb Dimensions: Height as noted on drawings, minimum of 18 inches minimum.

N. Accessories:

1. Electric heater with integral thermostat maintains minimum 50 deg F temperature in gas burner compartment.
2. Duplex, 115-V, ground-fault-interrupter outlet with 15-A overcurrent protection. Include transformer if required. Outlet is to be energized even if the unit main disconnect is open.
3. Low-ambient kit using variable-speed condenser fans for operation down to 35 deg F.
4. Filter differential pressure switch with sensor tubing on either side of filter. Set for final filter pressure loss.
5. Remote potentiometer to adjust minimum economizer damper position.
6. Return-air bypass damper.
7. Factory- or field-installed, demand-controlled ventilation.
8. Safeties:
 - a. Smoke detector.
 - b. Condensate overflow switch.
 - c. Phase-loss reversal protection.
 - d. High and low pressure control.
 - e. Gas furnace airflow-proving switch.
9. Coil guards of painted, galvanized-steel wire.

10. Hail guards of galvanized steel, painted to match casing.
11. Concentric diffuser with white louvers and polished aluminum return grilles, insulated diffuser box with mounting flanges, and interior transition.
12. Door switches to disable heating or reset set point when open.
13. Outdoor-air intake weather hood.
14. Oil separator.
15. Service Lights and Switch: Factory installed in each accessible section with weatherproof cover. Factory wire lights to a single-point field connection.

2.4 MATERIALS

A. Steel:

1. ASTM A36/A36M for carbon structural steel.
2. ASTM A568/A568M for steel sheet.

B. Stainless Steel:

1. Manufacturer's standard grade for casing.
2. Manufacturer's standard type, ASTM A240/A240M for bare steel exposed to airstream or moisture.

C. Galvanized Steel: ASTM A653/A653M.

D. Aluminum: ASTM B209.

E. Comply with Section 23 05 46 "Coatings for HVAC" for corrosion-resistant coating.

2.5 SOURCE QUALITY CONTROL

A. AHRI Compliance:

1. Comply with AHRI 210/240 for testing and rating energy efficiencies for RTUs.
2. Comply with AHRI 340/360 for testing and rating energy efficiencies for RTUs.
3. Comply with AHRI 270 for testing and rating sound performance for RTUs.
4. Comply with AHRI 1060 for testing and rating performance for air-to-air exchanger.

B. AMCA Compliance:

1. Comply with AMCA 11 and bear the AMCA-Certified Ratings Seal for air and sound performance according to AMCA 211 and AMCA 311.
2. Damper leakage tested according to AMCA 500-D.
3. Operating Limits: Classify according to AMCA 99.

PART 3 - EXECUTION

3.1 EXAMINATION

- A. Examine substrates, areas, and conditions, with Installer present, for compliance with requirements for installation tolerances and other conditions affecting performance of RTUs.
- B. Examine roughing-in for RTUs to verify actual locations of piping and duct connections before equipment installation.
- C. Examine roofs for suitable conditions where RTUs will be installed.
- D. Proceed with installation only after unsatisfactory conditions have been corrected.

3.2 INSTALLATION OF PACKAGED, SMALL-CAPACITY, ROOFTOP AIR-CONDITIONING UNITS

- A. Roof Curb: Install on roof structure or concrete base, level and secure, according to NRCA's "NRCA Roofing Manual: Membrane Roof Systems." Install RTUs on curbs and coordinate roof penetrations and flashing with roof construction specified in Section 07 72 00 "Roof Accessories." Secure RTUs to upper curb rail, and secure curb base to roof framing or concrete base with anchor bolts. Coordinate sizes and locations of roof curbs with actual equipment provided.

3.3 PIPING CONNECTIONS

- A. Piping installation requirements are specified in other Sections. Drawings indicate general arrangement of piping, fittings, and specialties.
- B. Where installing piping adjacent to RTU, allow space for service and maintenance.
- C. Connect piping to unit mounted on vibration isolators with flexible connectors.
- D. Connect condensate drain pans using NPS 1-1/4, ASTM B88, Type M copper tubing. Extend to nearest equipment or roof drain. Construct deep trap at connection to drain pan and install cleanouts at changes in direction.
- E. Gas Piping: Comply with applicable requirements in Section 23 11 23 "Facility Natural-Gas Piping." Connect gas piping to burner, full size of gas train inlet, and connect with union and shutoff valve with sufficient clearance for burner removal and service.
- F. Refrigerant Piping: Comply with applicable requirements in Section 23 23 00 "Refrigerant Piping." Install shutoff valve and union or flange at each supply and return connection.

3.4 DUCT CONNECTIONS

- A. Comply with duct installation requirements specified in other HVAC Sections. Drawings indicate general arrangement of ducts. The following are specific connection requirements:
 - 1. Install ducts to termination at top of roof curb.
 - 2. Remove roof decking only as required for passage of ducts. Do not cut out decking under entire roof curb.
 - 3. Connect supply ducts to RTUs with flexible duct connectors specified in Section 23 33 00 "Air Duct Accessories."
 - 4. Install return-air duct continuously through roof structure.

3.5 ELECTRICAL CONNECTIONS

- A. Connect electrical wiring according to Section 26 05 19 "Low-Voltage Electrical Power Conductors and Cables."
- B. Ground equipment according to Section 26 05 26 "Grounding and Bonding for Electrical Systems."
- C. Install electrical devices furnished by manufacturer, but not factory mounted, according to NFPA 70 and NECA 1.
- D. Install nameplate for each electrical connection, indicating electrical equipment designation and circuit number feeding connection.
 - 1. Nameplate is to be laminated acrylic or melamine plastic signs as specified in Section 26 05 53 "Identification for Electrical Systems."
 - 2. Nameplate is to be laminated acrylic or melamine plastic signs as layers of black with engraved white letters at least 1/2 inch high.
 - 3. Locate nameplate where easily visible.

3.6 CONTROL CONNECTIONS

- A. Install control and electrical power wiring to field-mounted control devices.
- B. Connect control wiring according to Section 26 05 23 "Control-Voltage Electrical Power Cables."

3.7 STARTUP SERVICE

- A. Engage a factory-authorized service representative to perform startup service.
 - 1. Complete installation and startup checks according to manufacturer's written instructions.
 - 2. Inspect for visible damage to unit casing.
 - 3. Inspect for visible damage to furnace combustion chamber.

4. Inspect for visible damage to compressor, coils, and fans.
5. Inspect internal insulation.
6. Verify that labels are clearly visible.
7. Verify that clearances have been provided for servicing.
8. Verify that controls are connected and operable.
9. Verify that filters are installed.
10. Clean condenser coil and inspect for construction debris.
11. Clean furnace flue and inspect for construction debris.
12. Connect and purge gas line.
13. Remove packing from vibration isolators.
14. Inspect operation of barometric relief dampers.
15. Verify lubrication on fan and motor bearings.
16. Inspect fan-wheel rotation for movement in correct direction without vibration and binding.
17. Adjust fan belts to proper alignment and tension.
18. Start unit according to manufacturer's written instructions.
 - a. Start refrigeration system.
 - b. Do not operate below recommended low-ambient temperature.
 - c. Complete startup sheets and attach copy with Contractor's startup report.
19. Inspect and record performance of interlocks and protective devices; verify sequences.
20. Operate unit for an initial period as recommended or required by manufacturer.
21. Perform the following operations for both minimum and maximum firing. Adjust burner for peak efficiency:
 - a. Measure gas pressure on manifold.
 - b. Inspect operation of power vents.
 - c. Measure combustion-air temperature at inlet to combustion chamber.
 - d. Measure flue-gas temperature at furnace discharge.
 - e. Perform flue-gas analysis. Measure and record flue-gas carbon dioxide and oxygen concentration.
 - f. Measure supply-air temperature and volume when burner is at maximum firing rate and when burner is off. Calculate useful heat to supply air.
22. Calibrate thermostats.
23. Adjust and inspect high-temperature limits.
24. Inspect outdoor-air dampers for proper stroke and interlock with return-air dampers.
25. Start refrigeration system and measure and record the following when ambient is a minimum of 15 deg F above return-air temperature:
 - a. Coil leaving-air, dry- and wet-bulb temperatures.
 - b. Coil entering-air, dry- and wet-bulb temperatures.
 - c. Outdoor-air, dry-bulb temperature.
 - d. Outdoor-air-coil, discharge-air, dry-bulb temperature.
26. Inspect controls for correct sequencing of heating, mixing dampers, refrigeration, and normal and emergency shutdown.

27. Measure and record the following minimum and maximum airflows. Plot fan volumes on fan curve.
 - a. Supply-air volume.
 - b. Return-air volume.
 - c. Relief-air volume.
 - d. Outdoor-air intake volume.
28. Simulate maximum cooling demand and inspect the following:
 - a. Compressor refrigerant suction and hot-gas pressures.
 - b. Short circuiting of air through condenser coil or from condenser fans to outdoor-air intake.
29. Verify operation of remote panel including pilot-light operation and failure modes. Inspect the following:
 - a. High-temperature limit on gas-fired heat exchanger.
 - b. Low-temperature safety operation.
 - c. Filter high-pressure differential alarm.
 - d. Economizer to minimum outdoor-air changeover.
 - e. Relief-air fan operation.
 - f. Smoke and firestat alarms.
30. After startup and performance testing and prior to Substantial Completion, replace existing filters with new filters.

3.8 ADJUSTING

- A. Adjust damper linkages for proper damper operation.
- B. Comply with requirements in Section 23 05 93 "Testing, Adjusting, and Balancing for HVAC" for air-handling system testing, adjusting, and balancing.
- C. Occupancy Adjustments: When requested within 12 months from date of Substantial Completion, provide on-site assistance in adjusting system to suit actual occupied conditions. Provide up to two visits to Project during other-than-normal occupancy hours for this purpose.

3.9 CLEANING

- A. After completing system installation and testing, adjusting, and balancing RTUs and air-distribution systems, clean RTUs internally to remove foreign material and construction dirt and dust. Clean fan wheels, cabinets, dampers, coils, and filter housings, and install new, clean filters.

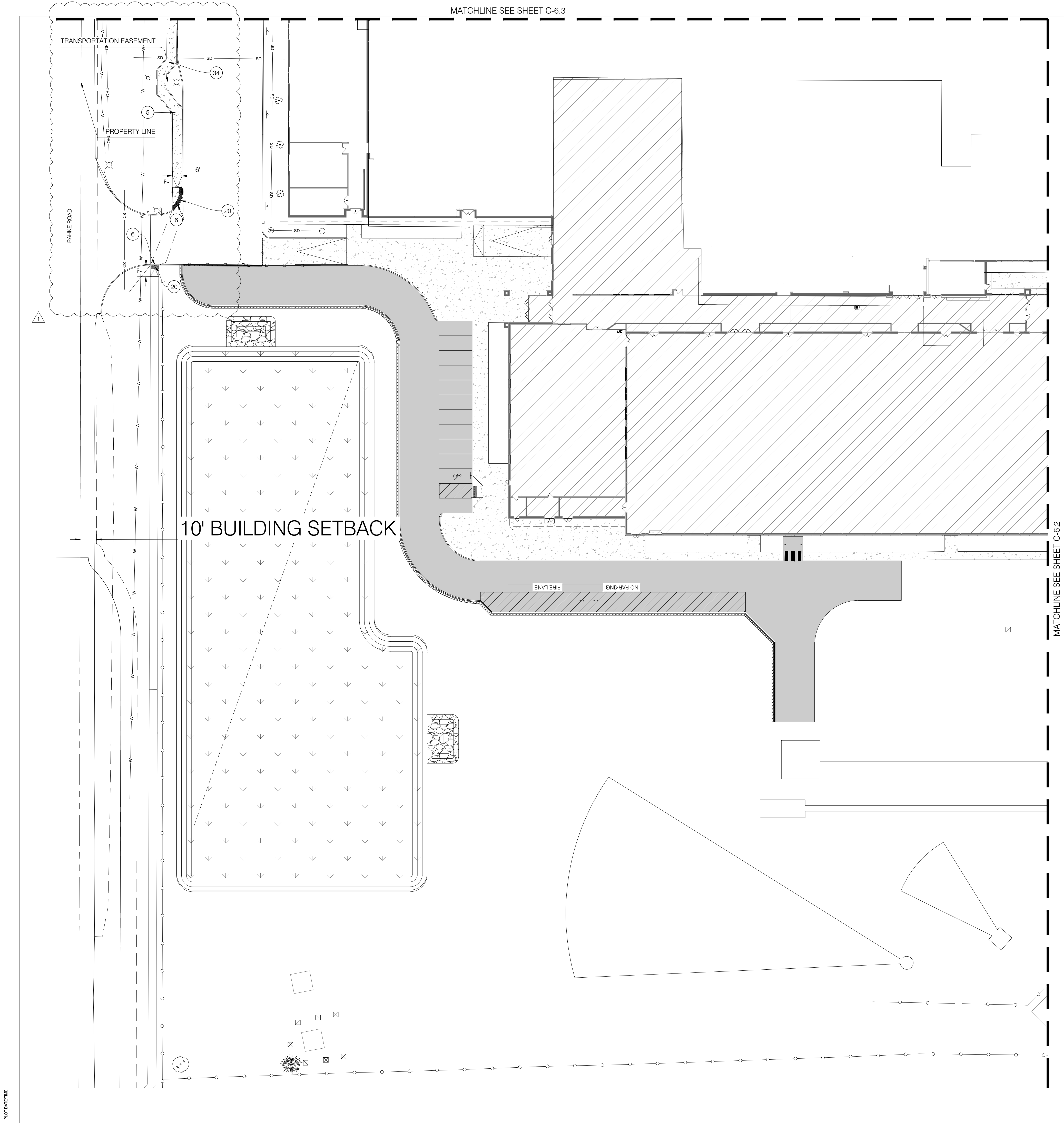
3.10 FIELD QUALITY CONTROL

- A. Perform tests and inspections with the assistance of a factory-authorized service representative.
- B. Tests and Inspections:
 - 1. After installing RTUs and after electrical circuitry has been energized, test units for compliance with requirements.
 - 2. Inspect for and remove shipping bolts, blocks, and tie-down straps.
 - 3. Operational Test: After electrical circuitry has been energized, start units to confirm proper motor rotation and unit operation.
 - 4. Test and adjust controls and safeties. Replace damaged and malfunctioning controls and equipment.
- C. RTU will be considered defective if it does not pass tests and inspections.
- D. Prepare test and inspection reports.

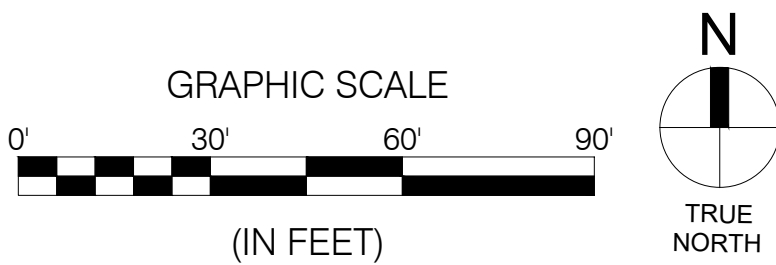
3.11 DEMONSTRATION

- A. Engage a factory-authorized service representative to train Owner's maintenance personnel to adjust, operate, and maintain RTUs.

END OF SECTION 23 74 16.11



- SITE PLAN KEYNOTES**
- 1 BUILDING EXTENSION
 - 2 HMA PAVEMENT
 - 3 6" CURB
 - 4 4" WHITE PAINT
 - 5 LIGHT-DUTY CONCRETE
 - 6 FLUSH CURB
 - 7 FLARED ADA RAMP
 - 8 4" BLUE PAINT FOR ADA STRIPING
 - 9 VERSA-LOK RETAINING WALL; SEE SITE DETAIL SHEET C-6.6
 - 10 FOREBAY #1
 - 11 FOREBAY #2
 - 12 DRY DETENTION POND
 - 13 ADA SYMBOL; SEE SITE DETAILS SHEET C-6.5
 - 14 ADA SIGN; SEE SITE DETAILS SHEET C-6.5
 - 15 POLE VAULT TRACK
 - 16 SHOT PUT TRACK
 - 17 STOP SIGN; MUTCD R1-1
 - 18 ADA CROSSWALK STRIPING
 - 19 TEMPORARY FENCE FOR COOLERS; REFER TO ARCHITECTURAL PLANS FOR MATERIAL
 - 20 CAST IRON OR GALVANIZED STEEL DETECTABLE WARNING SURFACE; SEE SITE DETAILS SHEET C-6.5
 - 21 ASPHALT TO BE REPLACED AND TO MATCH DPW ASPHALT DETAIL
 - 22 CURB RAMP
 - 23 METAL STAIRS FOR MECHANICAL ENTRANCE
 - 24 BOLLARD, 22 TOTAL; SEE SITE DETAILS
 - 25 12" CURB WITH HANDRAIL; SEE SITE DETAILS
 - 26 48' CANTILEVER SLIDING GATE
 - 27 21' CANTILEVER SLIDING GATE
 - 28 MEP CHILLERS; REFER TO MEP PLANS FOR DETAILS
 - 29 RAISED CONCRETE PAD; REFER TO STRUCTURAL DETAIL "TYPICAL EXTERIOR EQUIPMENT PAD DETAIL"
 - 30 HEAVY DUTY CONCRETE; REFER TO SITE DETAILS
 - 31 ADA CONCRETE RAMP AND HANDRAIL; REFER TO SITE DETAILS
 - 32 CONCRETE STAIRS AND HANDRAIL; REFER TO SITE DETAILS
 - 33 ADA RAMP
 - 34 INDIANAPOLIS SIDEWALK; REFER TO SITE DETAILS
 - 35 PARKING BUMPERS, 61 TOTAL; SEE SITE DETAILS
 - 36 HANDRAIL AT RAMP; SEE DETAIL ON SHEET C-6.8
 - 37 4" THICK CONCRETE WALL AT RAMP



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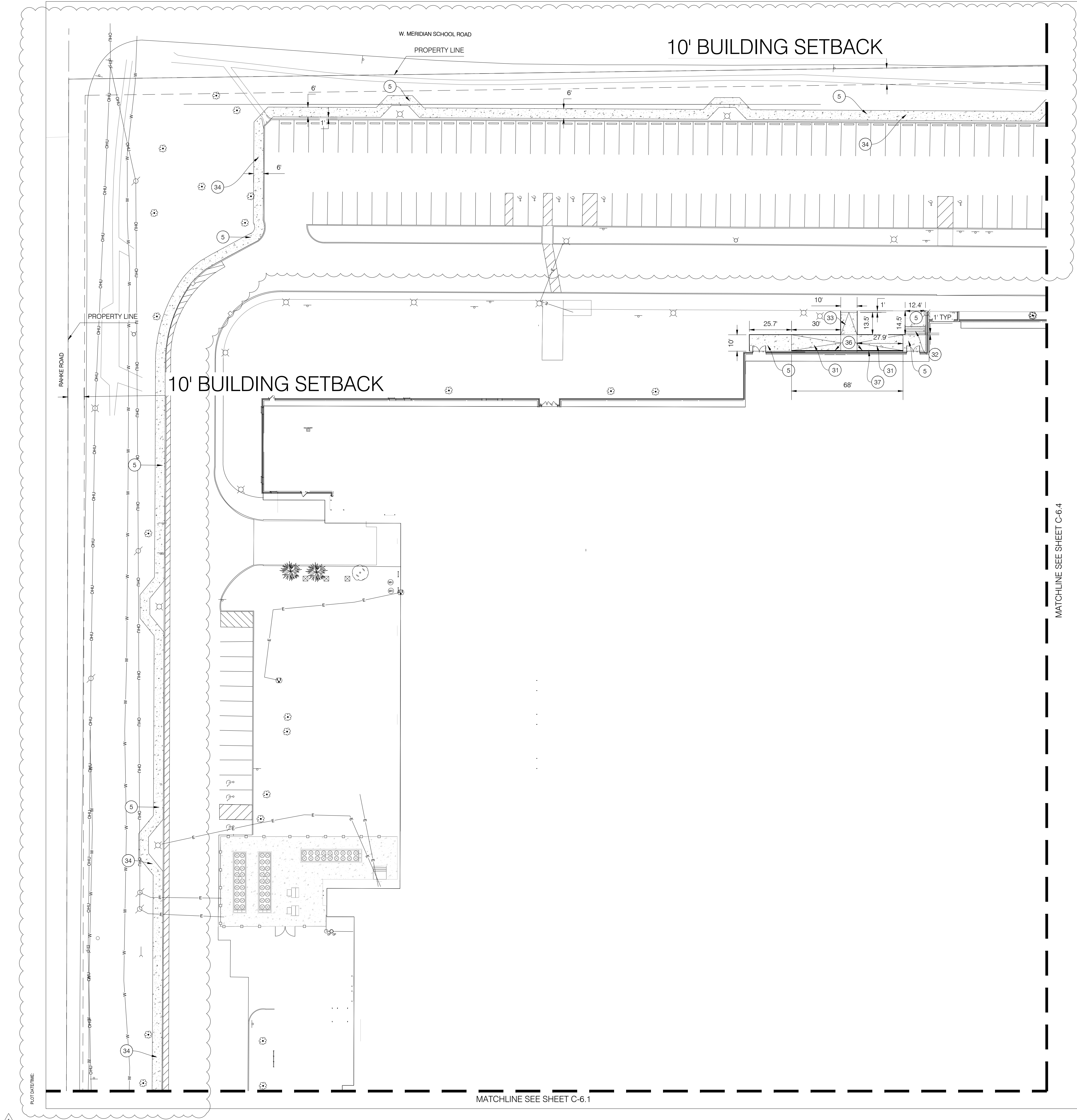
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1	09/11/26	ADDENDUM #1

100% CONSTRUCTION DOCUMENTS

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DATE: 09/11/2026
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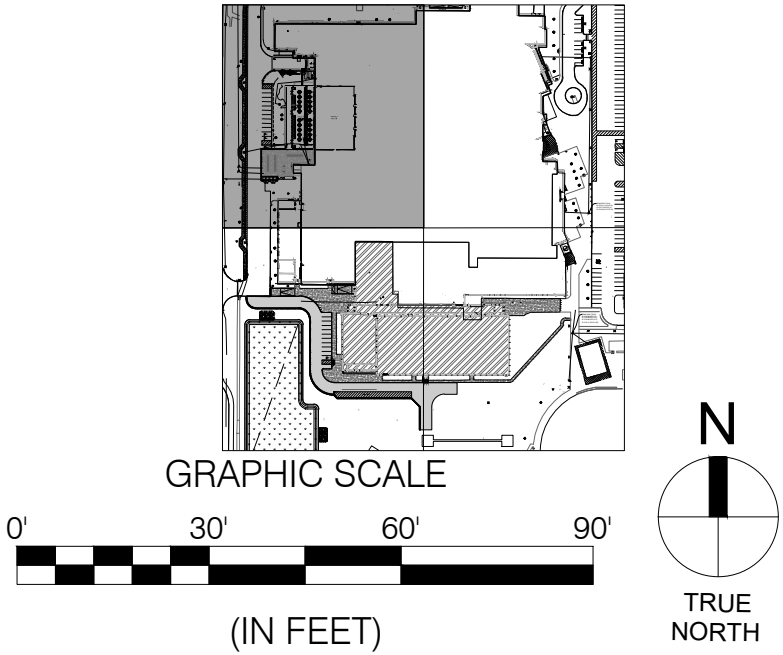
SITE PLAN

C-6.1



SITE PLAN KEYNOTES

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- 25 12" CURB WITH HANDRAIL; SEE SITE DETAILS
- 26 48" CANTILEVER SLIDING GATE
- 27 21' CANTILEVER SLIDING GATE
- 28 MEP CHILLERS; REFER TO MEP PLANS FOR DETAILS
- 29 RAISED CONCRETE PAD; REFER TO STRUCTURAL DETAIL "TYPICAL EXTERIOR EQUIPMENT PAD DETAIL"
- 30 HEAVY DUTY CONCRETE; REFER TO SITE DETAILS
- 31 ADA CONCRETE RAMP AND HANDRAIL; REFER TO SITE DETAILS
- 32 CONCRETE STAIRS AND HANDRAIL; REFER TO SITE DETAILS
- 33 ADA RAMP
- 34 INDIANAPOLIS SIDEWALK; REFER TO SITE DETAILS
- 35 PARKING BUMPERS, 61 TOTAL; SEE SITE DETAILS
- 36 HANDRAIL AT RAMP, SEE DETAIL ON SHEET C-6.8
- 37 4" THICK CONCRETE WALL AT RAMP



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PERRY MERIDIAN HIGH SCHOOL
401 W. MERIDIAN SCHOOL ROAD
INDIANAPOLIS, IN 46217

DANIEL J. OTOOLE
REGISTERED
No. 10200269
STATE OF INDIANA
PROFESSIONAL ENGINEER
Daniel J. O'Toole

REVISIONS:		
#	DATE	DESC.
1	09/11/26	ADDENDUM #1

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PROJECT: 2025.148
DATE: 09/11/2026
DRAWN BY: AKD

SITE PLAN

C-6.3

PLOT DATE/TIME

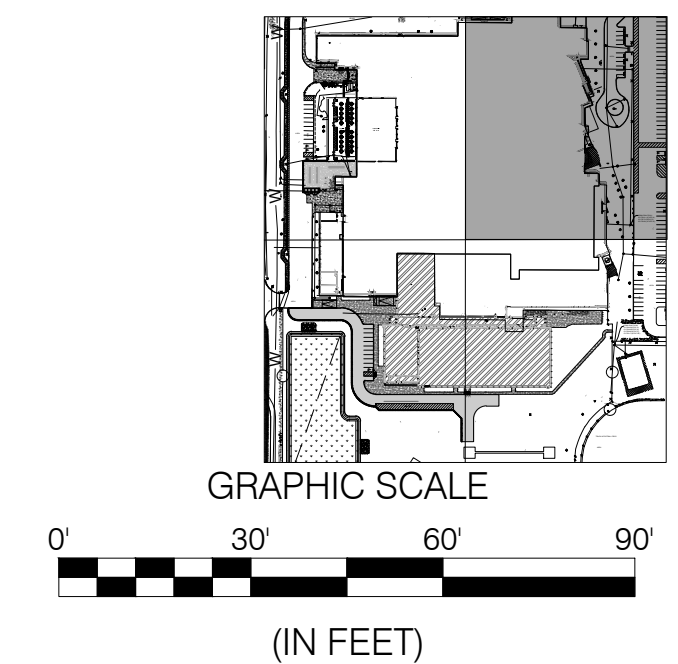
MATCHLINE SEE SHEET C-6.3

MATCHLINE SEE SHEET C-6.2

10' BUILDING SETBACK

SITE PLAN KEYNOTES

- 1 BUILDING EXTENSION
- 2 HMA PAVEMENT
- 3 6" CURB
- 4 4" WHITE PAINT
- 5 LIGHT-DUTY CONCRETE
- 6 FLUSH CURB
- 7 FLARED ADA RAMP
- 8 4" BLUE PAINT FOR ADA STRIPING
- 9 VERSA-LOK RETAINING WALL; SEE SITE DETAIL SHEET C-6.6
- 10 FOREBAY #1
- 11 FOREBAY #2
- 12 DRY DETENTION POND
- 13 ADA SYMBOL; SEE SITE DETAILS SHEET C-6.5
- 14 ADA SIGN; SEE SITE DETAILS SHEET C-6.5
- 15 POLE VAULT TRACK
- 16 SHOT PUT TRACK
- 17 STOP SIGN; MUTCD R1-1
- 18 ADA CROSSWALK STRIPING
- 19 TEMPORARY FENCE FOR COOLERS; REFER TO ARCHITECTURAL PLANS FOR MATERIAL
- 20 CAST IRON OR GALVANIZED STEEL DETECTABLE WARNING SURFACE; SEE SITE DETAILS SHEET C-6.5
- 21 ASPHALT TO BE REPLACED AND TO MATCH DPW ASPHALT DETAIL
- 22 CURB RAMP
- 23 METAL STAIRS FOR MECHANICAL ENTRANCE
- 24 BOLLARD, 22 TOTAL; SEE SITE DETAILS
- 25 12" CURB WITH HANDRAIL; SEE SITE DETAILS
- 26 48' CANTILEVER SLIDING GATE
- 27 21' CANTILEVER SLIDING GATE
- 28 MEP CHILLERS; REFER TO MEP PLANS FOR DETAILS
- 29 RAISED CONCRETE PAD; REFER TO STRUCTURAL DETAIL "TYPICAL EXTERIOR EQUIPMENT PAD DETAIL"
- 30 HEAVY DUTY CONCRETE; REFER TO SITE DETAILS
- 31 ADA CONCRETE RAMP AND HANDRAIL; REFER TO SITE DETAILS
- 32 CONCRETE STAIRS AND HANDRAIL; REFER TO SITE DETAILS
- 33 ADA RAMP
- 34 INDIANAPOLIS SIDEWALK; REFER TO SITE DETAILS
- 35 PARKING BUMPERS, 61 TOTAL; SEE SITE DETAILS
- 36 HANDRAIL AT RAMP, SEE DETAIL ON SHEET C-6.8
- 37 4" THICK CONCRETE WALL AT RAMP



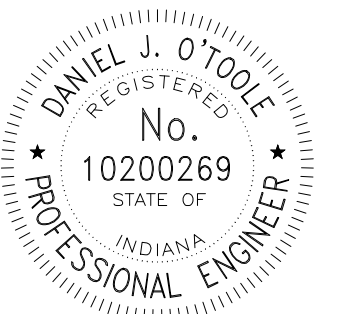
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REVISIONS:

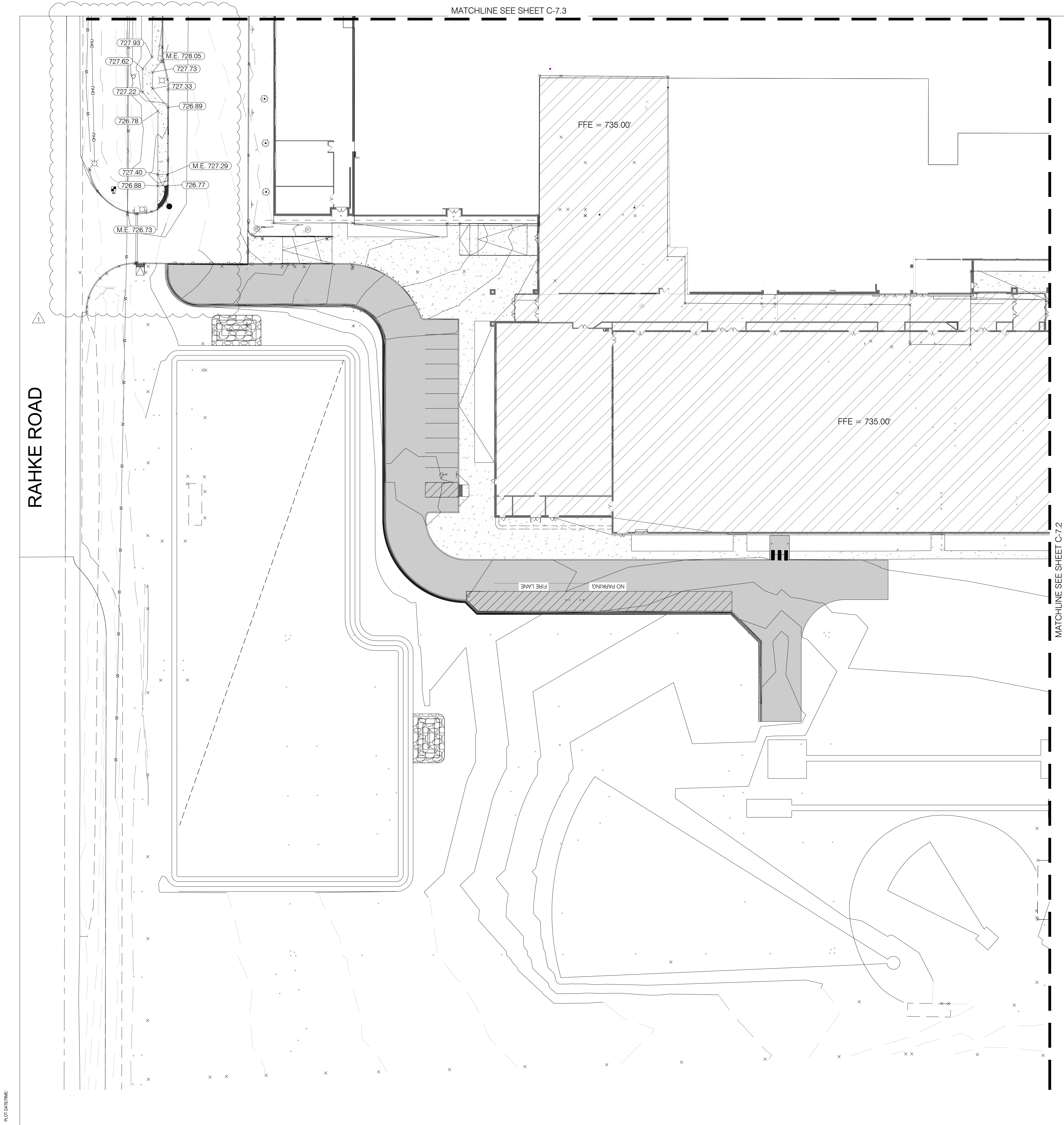
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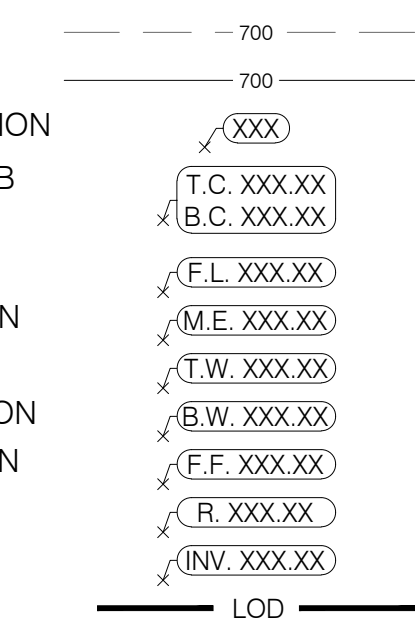
SITE PLAN

C-6.4



GRADING PLAN LEGEND:

- EXISTING CONTOUR
- PROPOSED CONTOUR
- PROPOSED GRADE SPOT ELEVATION
- TOP OF CURB / BOTTOM OF CURB SPOT ELEVATION
- FLOW LINE SPOT ELEVATION
- MATCH EXISTING SPOT ELEVATION
- TOP OF WALL SPOT ELEVATION
- BOTTOM OF WALL SPOT ELEVATION
- FINISHED FLOOR SPOT ELEVATION
- RIM ELEVATION
- INVERT ELEVATION
- LIMITS OF DISTURBANCE



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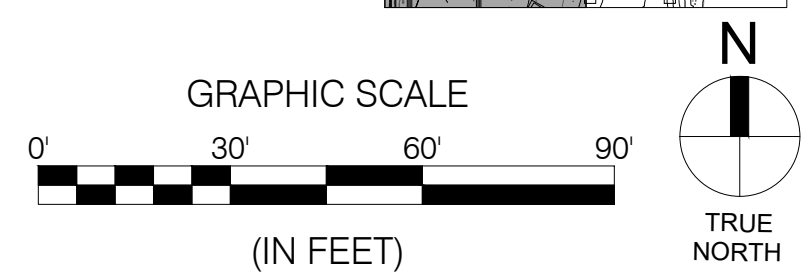
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#	DATE	DESC.
1	09/11/26	ADDENDUM #1

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DOCUMENTS

PROJECT: 2025.148
DATE: 09/11/2026
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GRADING PLAN

C-7.1



W MERIDIAN SCHOOL ROAD

PROPERTY LINE

GRADING PLAN LEGEND:

EXISTING CONTOUR	---
PROPOSED CONTOUR	---
PROPOSED GRADE SPOT ELEVATION	XXX
TOP OF CURB / BOTTOM OF CURB SPOT ELEVATION	T.C. XXX.XX B.C. XXX.XX
FLOW LINE SPOT ELEVATION	F.L. XXX.XX
MATCH EXISTING SPOT ELEVATION	M.E. XXX.XX
TOP OF WALL SPOT ELEVATION	T.W. XXX.XX
BOTTOM OF WALL SPOT ELEVATION	B.W. XXX.XX
FINISHED FLOOR SPOT ELEVATION	F.F. XXX.XX
RIM ELEVATION	R. XXX.XX
INVERT ELEVATION	INV. XXX.XX
LIMITS OF DISTURBANCE	LOD

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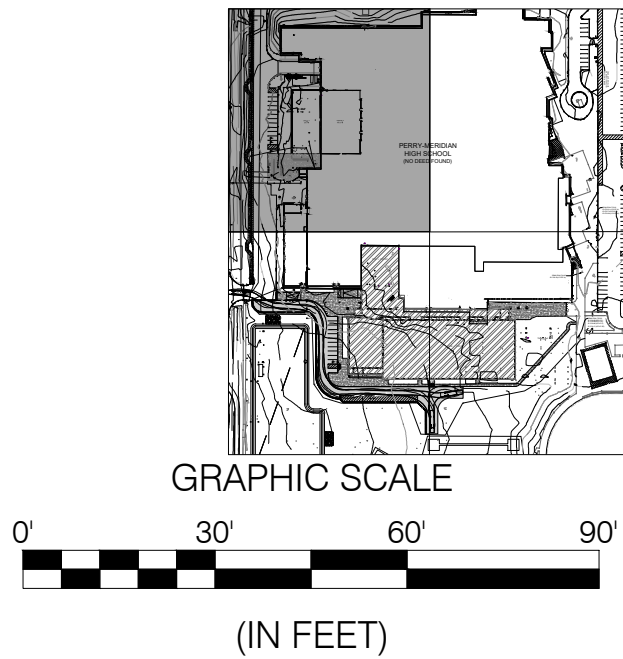
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DATE: 09/11/2026
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GRADING PLAN

C-7.3



MATCHLINE SEE SHEET C-7.4

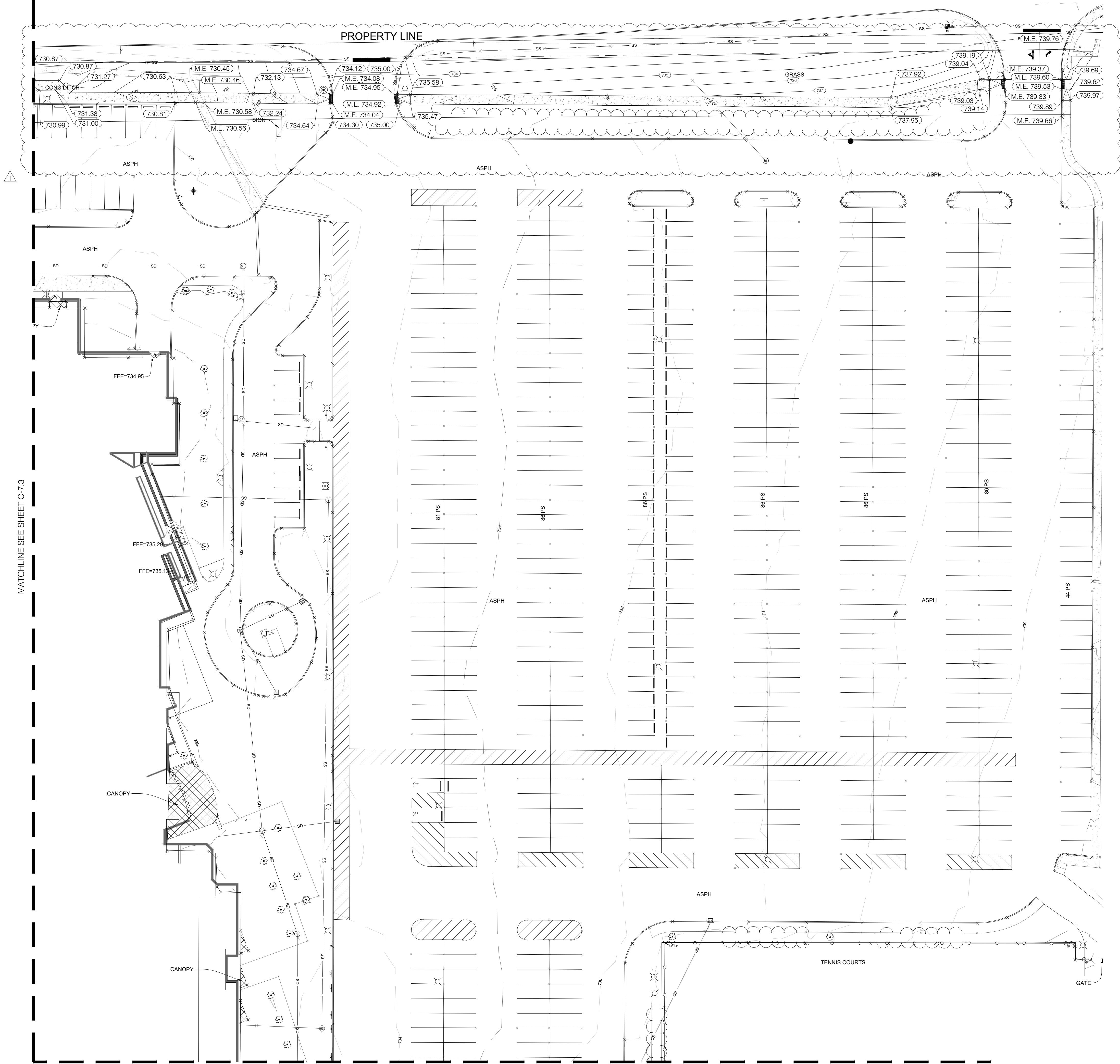
FF

PHASE 2 ADA RAMP: SCALE 1"=10'

MATCHLINE SEE SHEET C-7.1

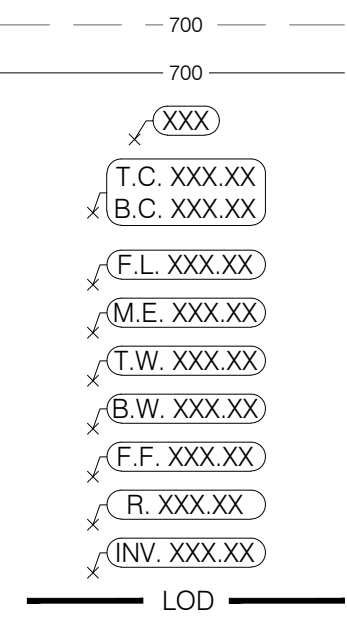
GRASS

W MERIDIAN SCHOOL ROAD



GRADING PLAN LEGEND:

- EXISTING CONTOUR
- PROPOSED CONTOUR
- PROPOSED GRADE SPOT ELEVATION
- TOP OF CURB / BOTTOM OF CURB SPOT ELEVATION
- FLOW LINE SPOT ELEVATION
- MATCH EXISTING SPOT ELEVATION
- TOP OF WALL SPOT ELEVATION
- BOTTOM OF WALL SPOT ELEVATION
- FINISHED FLOOR SPOT ELEVATION
- RIM ELEVATION
- INVERT ELEVATION
- LIMITS OF DISTURBANCE



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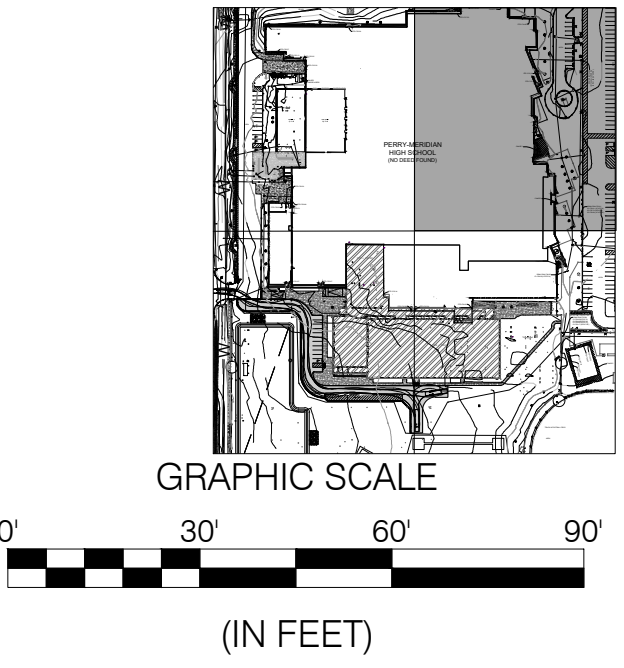
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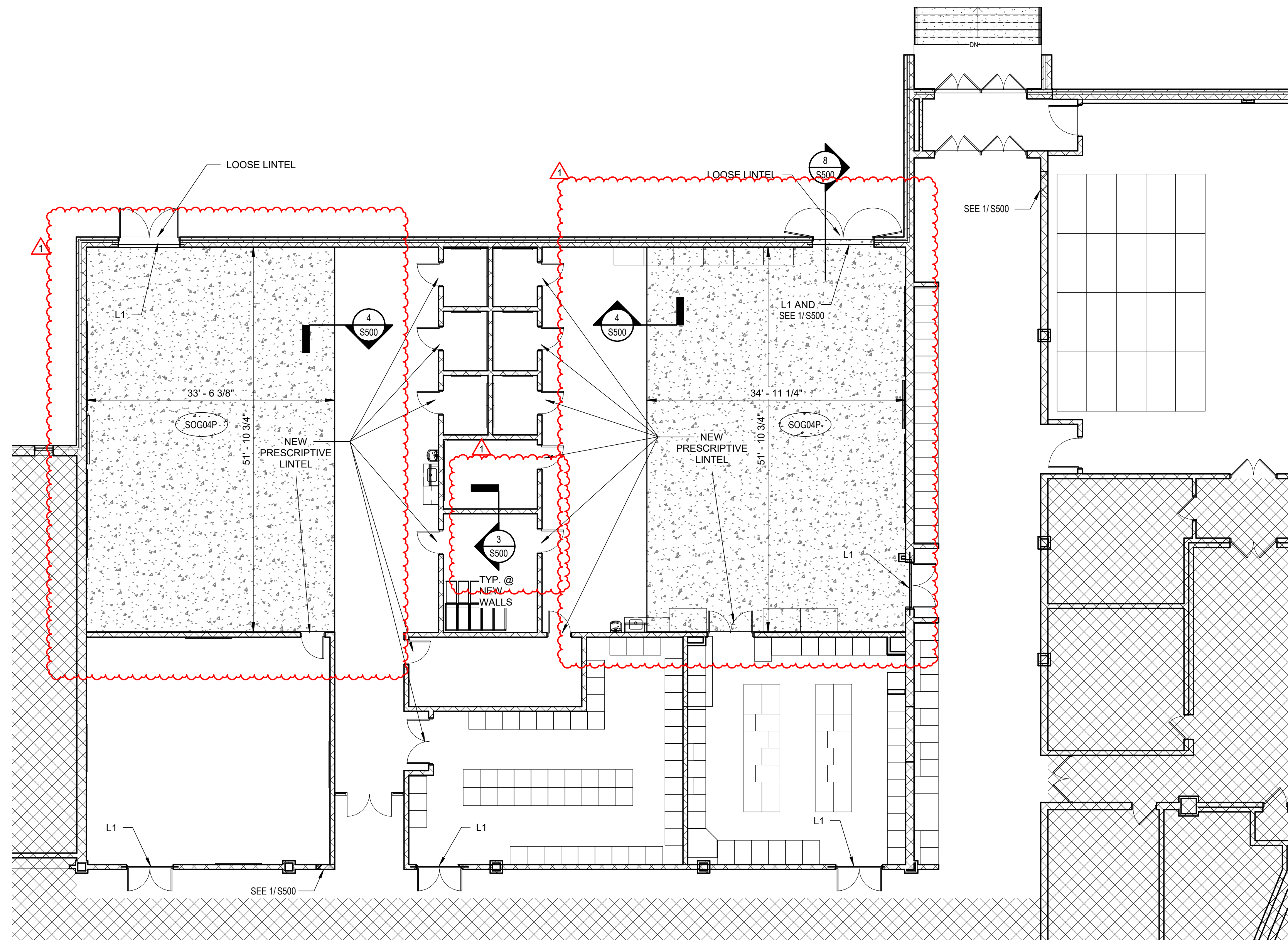
100% CONSTRUCTION DOCUMENTS

PROJECT: 2025.148
DATE: 09/11/2026
DRAWN BY: AKD

GRADING PLAN

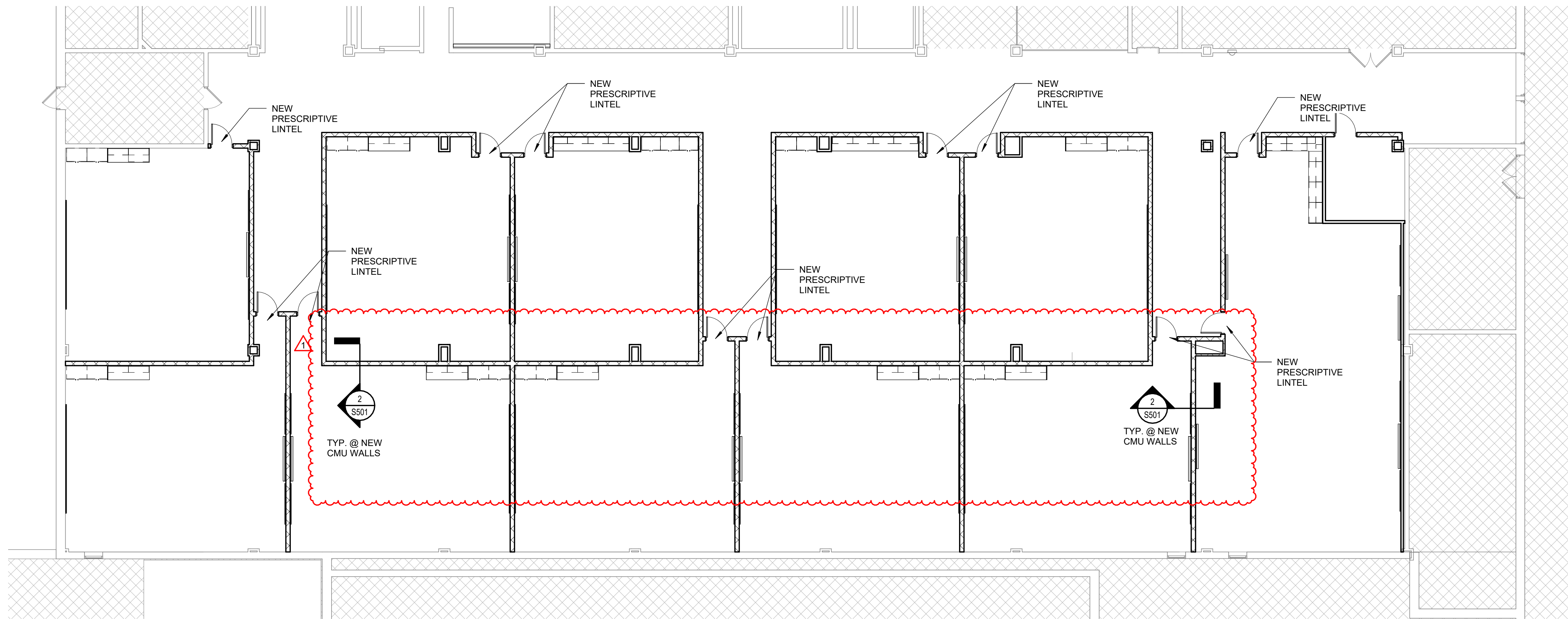
C-7.4





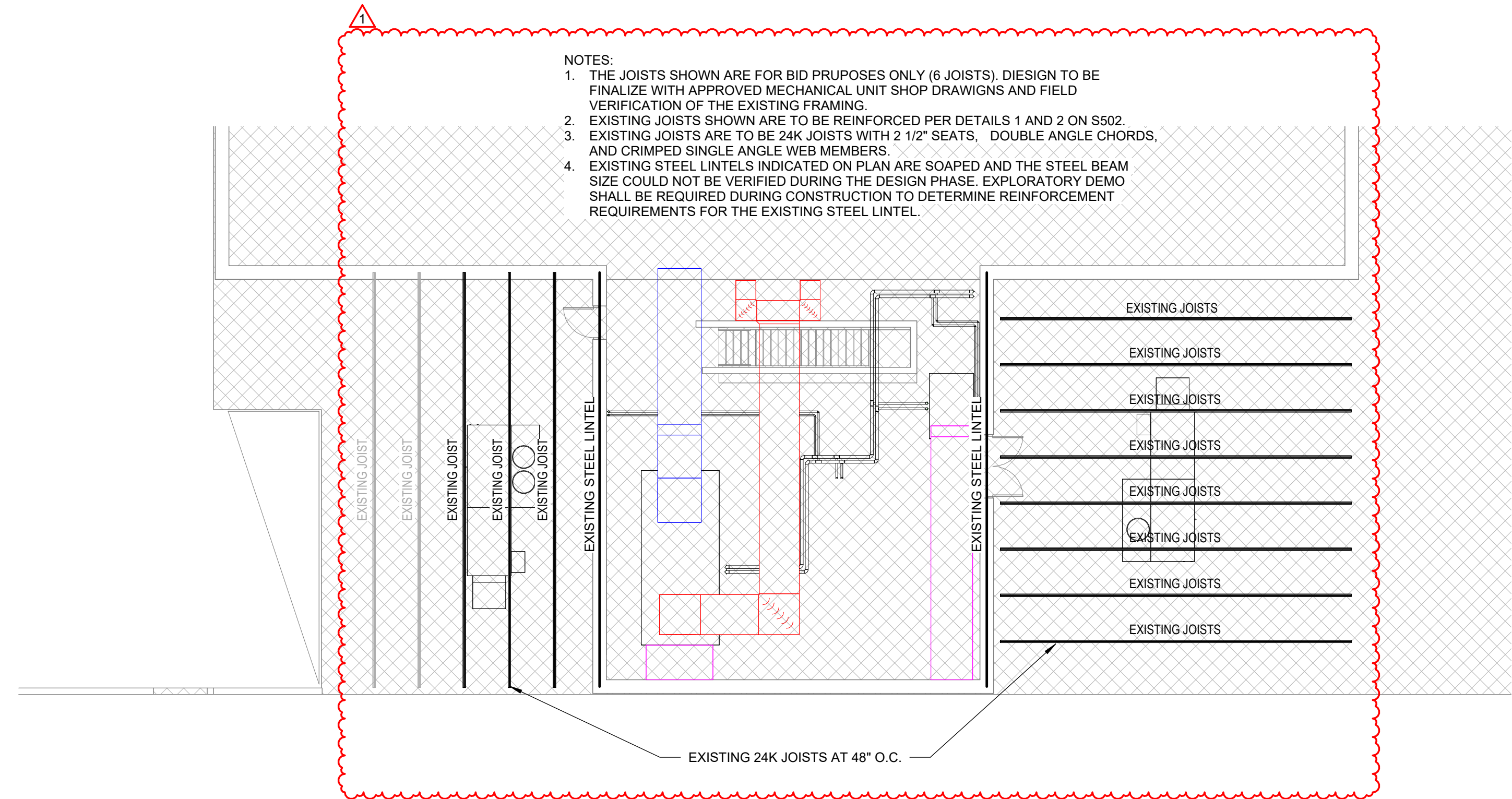
UNIT D PARTIAL PLAN

SCALE: 1" = 10'-0"



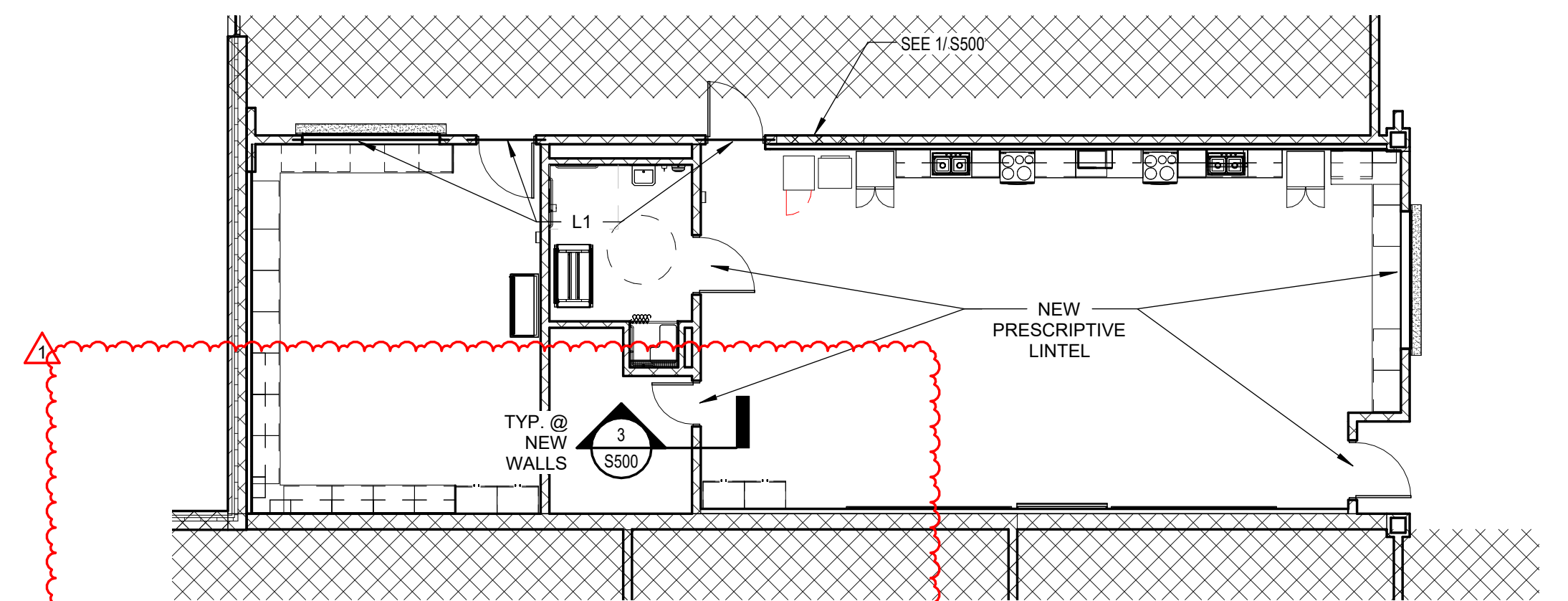
UNIT F PARTIAL SECOND FLOOR PLAN

SCALE: 1" = 10'-0"



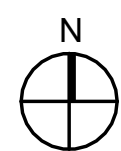
UNIT G PARTIAL PLAN

SCALE: 1" = 10'-0"



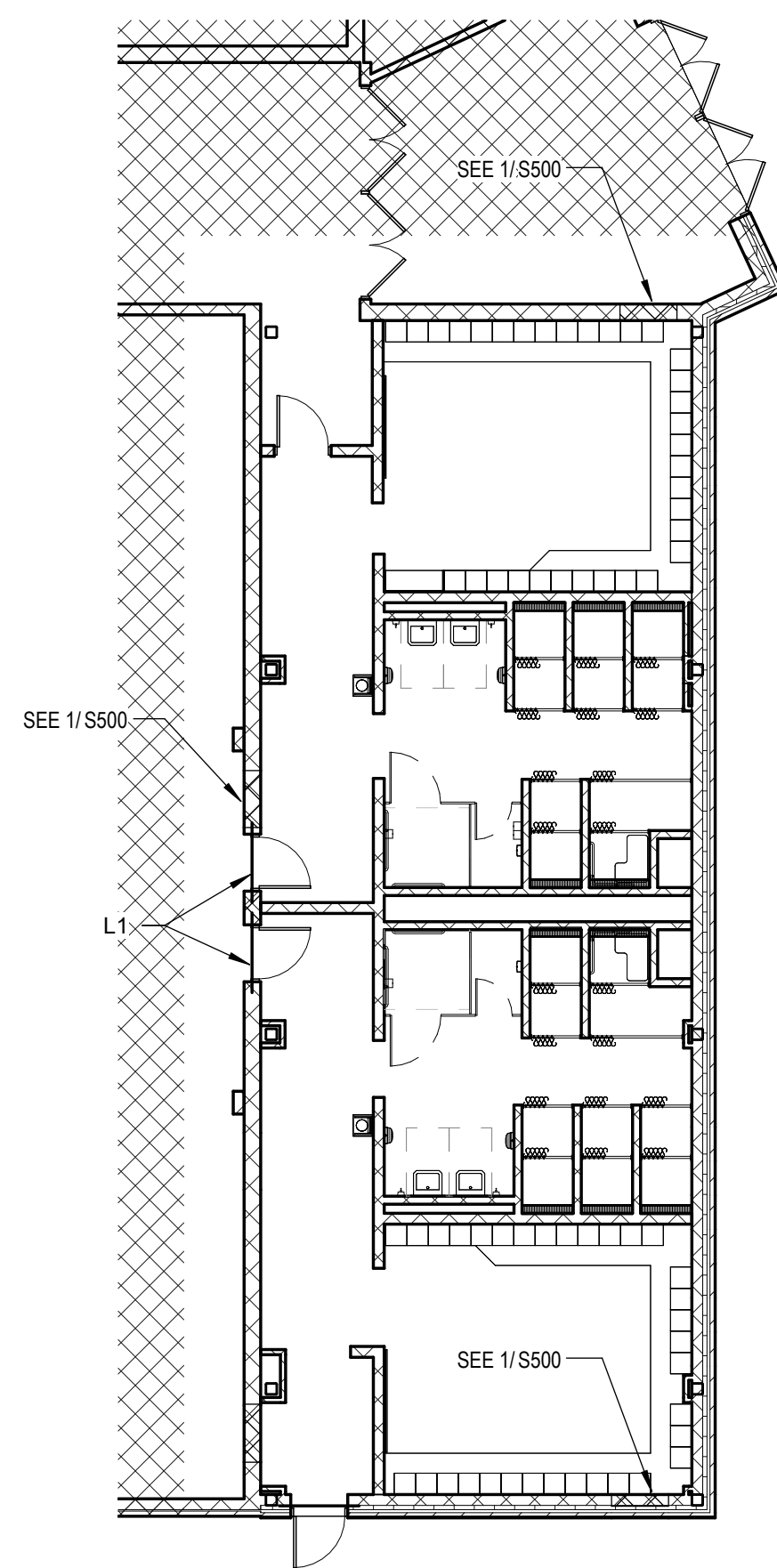
UNIT B PARTIAL PLAN

SCALE: 1" = 10'-0"



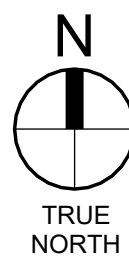
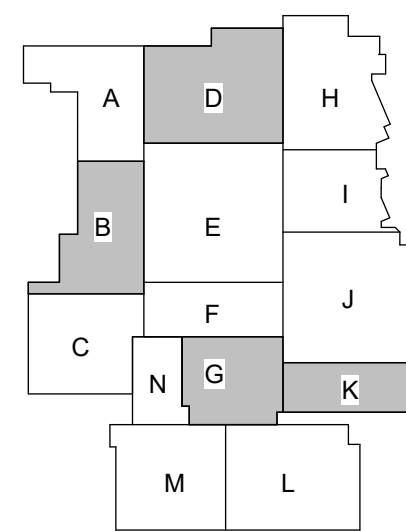
PARTIAL PLAN NOTES:

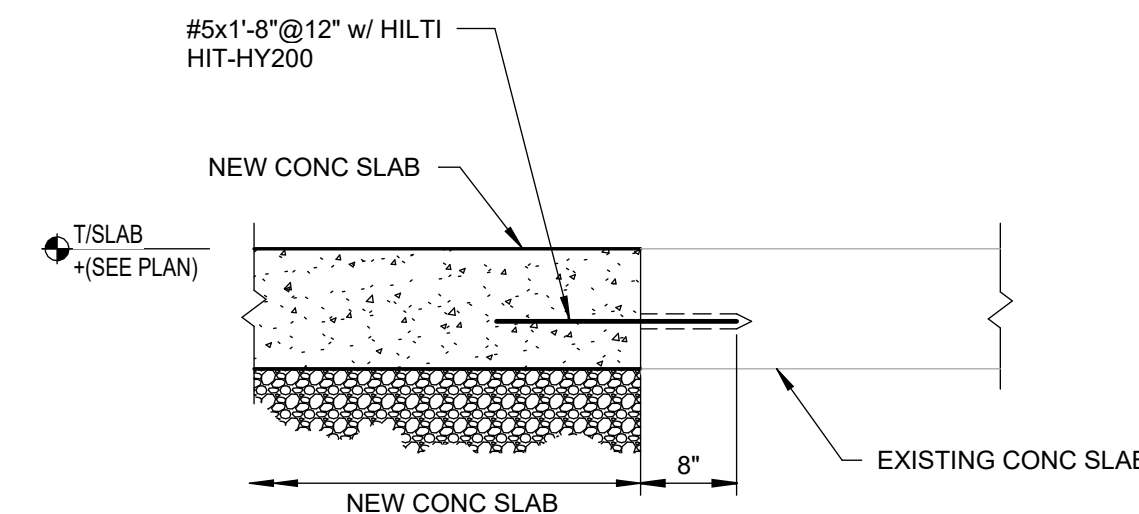
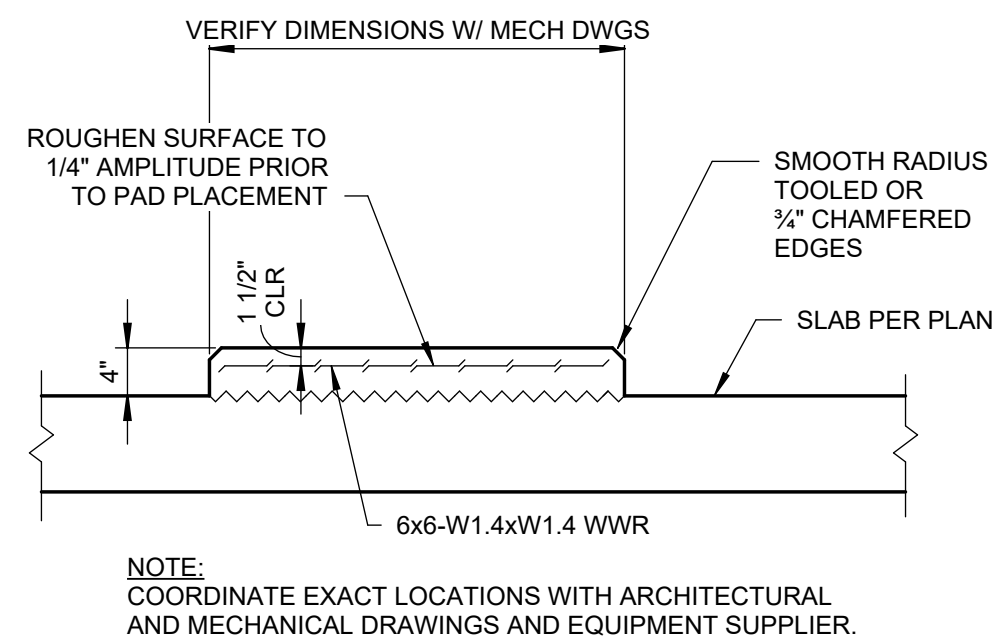
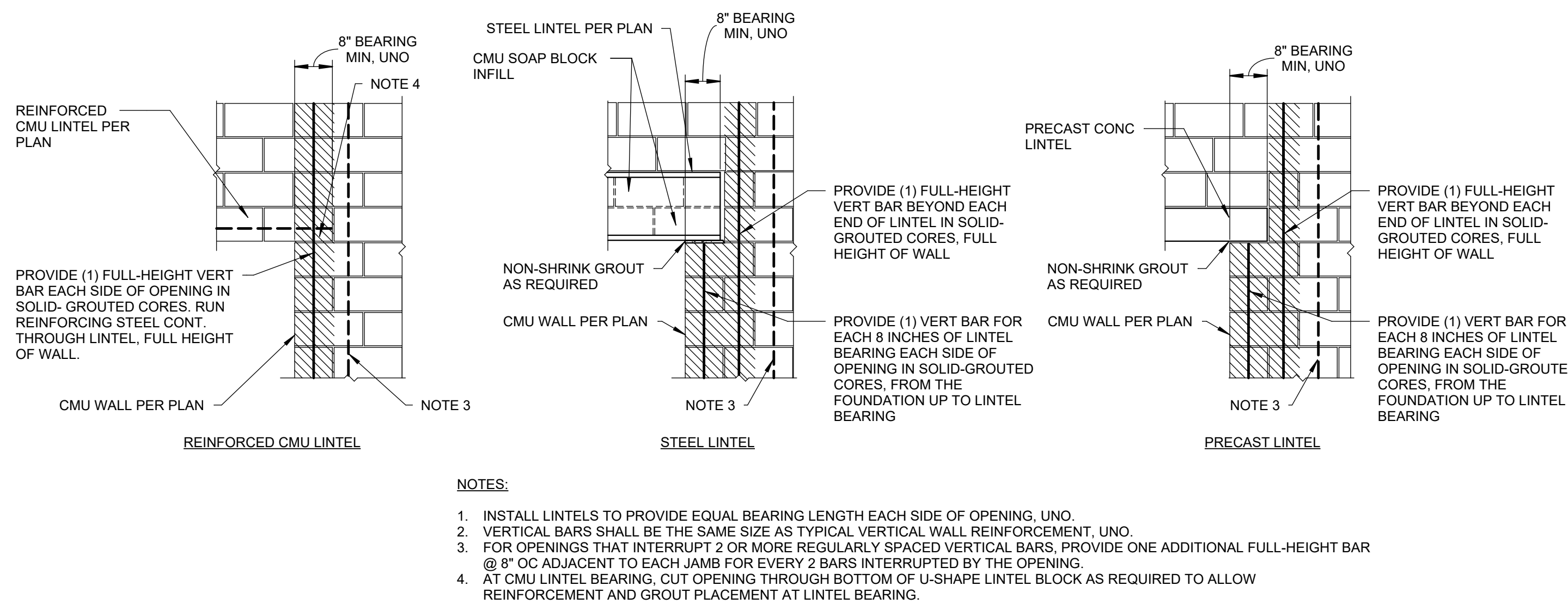
1. ALL NEW MASONRY SHALL BE REINFORCED WITH #4 AT 48" O.C. AND CONTINUOUS BOND BEAMS AT THE TOP COURSE WITH (2) #4.
2. REFER TO ARCHITECTURAL DRAWINGS FOR DEMOLITION PLANS, DIMENSIONS AND NEW CMU WALL LOCATIONS/EXTENTS.
3. ALL NEW CMU WALLS SHALL HAVE THICKENED SLAB PER DETAIL 3/S500.



UNIT K PARTIAL PLAN

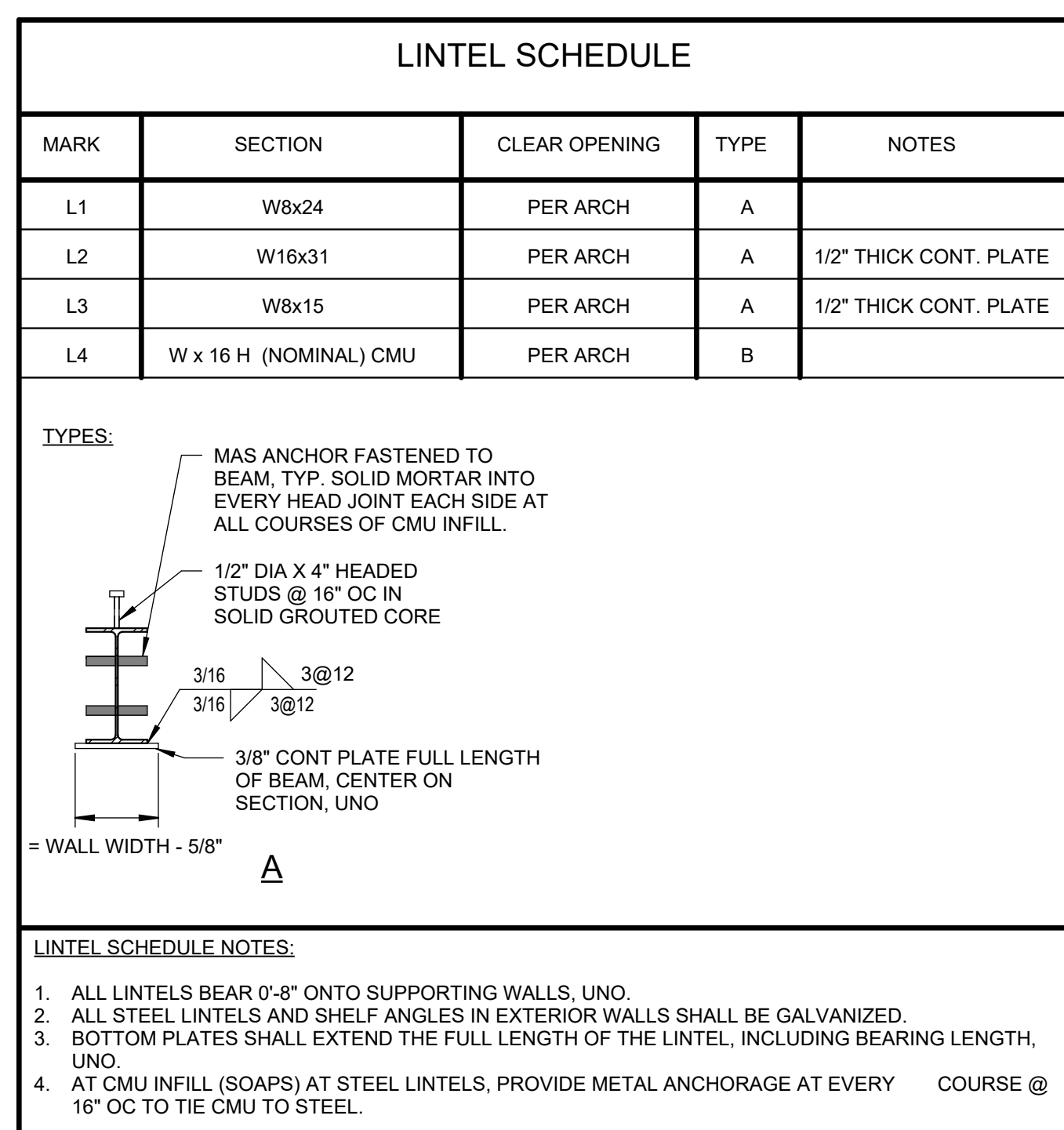
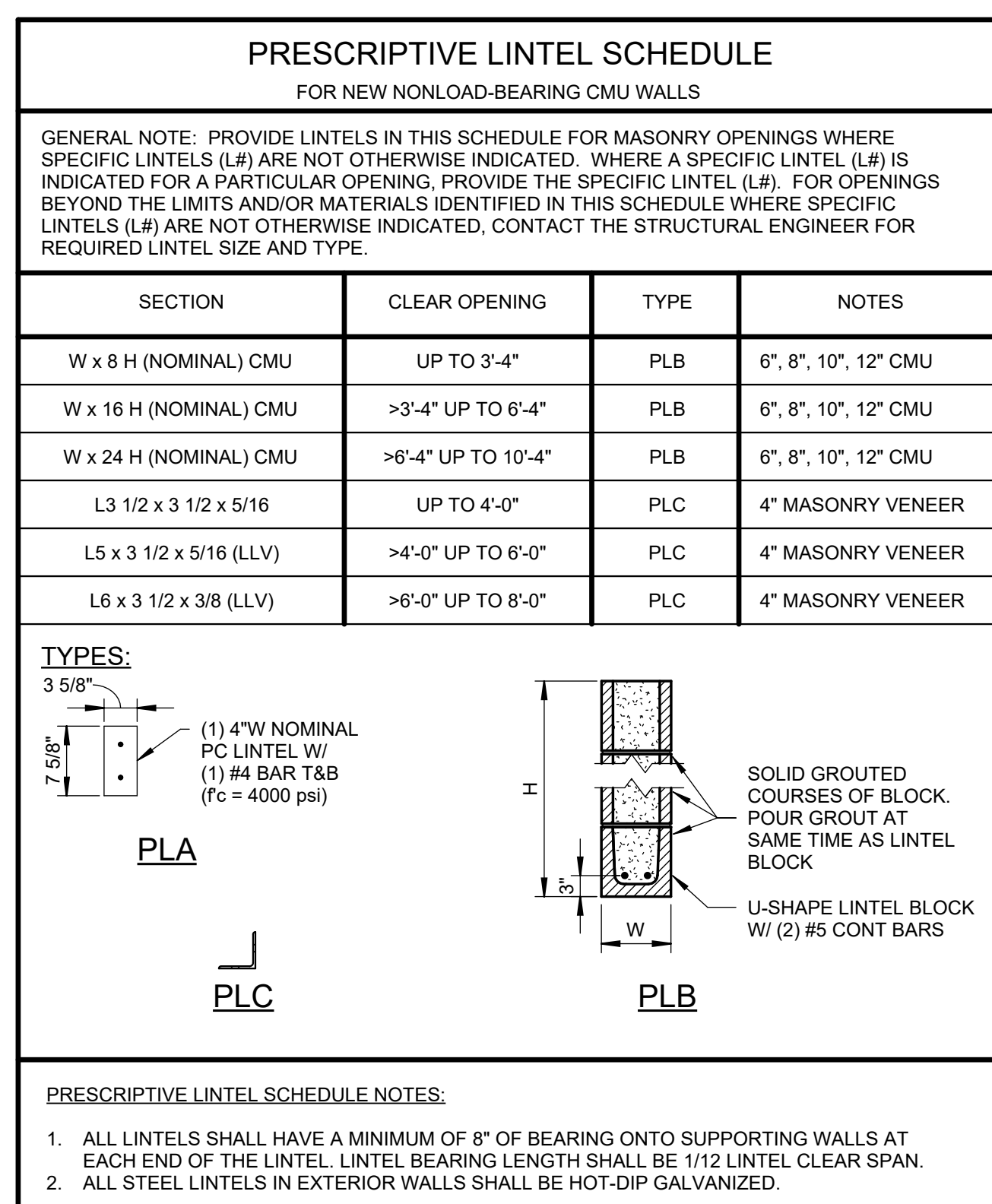
SCALE: 1" = 10'-0"





DOWEL SIZE AND SPACING					
SLAB DEPTH (IN)	DOWEL BAR DIAMETER (IN)	TOTAL BAR LENGTH (IN)	BAR SPACING (CTR - CTR) (IN)	MAX JT SPACING (CTR - CTR) (IN)	JOINT DEPTH
4	3/4	16	24	12'-0"	1"
5-6	3/4	16	12	15'-0"	1 1/4"-1 1/2"

DOWEL SIZE AND SPACING			
SLAB DEPTH (in)	DOWEL BAR DIAMETER (in)	TOTAL BAR LENGTH (in)	BAR SPACING (CTL - CTL) (in)
4	3/4	16	24
5-6	3/4	16	12
7-8	1	18	12
9-11	1-1/4	18	12



SLAB ON GRADE FLATNESS/LEVELNESS SCHEDULE				
CLASSIFICATION	OVERALL FF	OVERALL FL	MIN LOCAL FF	MIN LOCAL FL
CONVENTIONAL	20	15	15	10
MODERATELY FLAT	25	20	20	15
FLAT	35	25	25	15
VERY FLAT	45	35	30	25
SUPER FLAT	60	40	40	25

FLOOR TYPE/LOCATION	REQUIRED SLAB
EXPOSED WAREHOUSE, MANUFACTURING AREAS, UNO	FLAT
EXPOSED UTILITY/MECHANICAL AREAS, UNO	MODERATELY FLAT
FLOORS WITH CARPET, VCT FINISH, UNO	MODERATELY FLAT
FLOORS WITH POLISHED CONCRETE FINISH	FLAT
TILE UP TO 16" LONG DIMENSION, ≥ 1/4" GROUT JOINTS	FLAT
TILE UP TO 16" LONG DIMENSION, 3/16" GROUT JOINTS	VERY FLAT
TILE UP TO 16" LONG DIMENSION, 1/8" GROUT JOINTS	SUPER FLAT
TILE > 16" TO < 36" LONG DIMENSION, ≥ 1/4" GROUT JOINTS	VERY FLAT
TILE > 16" TO < 36" LONG DIMENSION, ≤ 1/4" GROUT JOINTS	SUPER FLAT
TILE > 36" LONG DIMENSION	SUPER FLAT

NOTES:

1. GENERAL CONTRACTOR SHALL REVIEW ALL FLOOR FINISH REQUIREMENTS FOR THE PROJECT AND PROVIDE CONCRETE SLAB SURFACE FINISHES IN ACCORDANCE WITH THE REQUIREMENTS OF THE SPECIFIED FLOOR FINISH MATERIALS. WHERE TOLERANCES FOR THE FLOOR FINISH MATERIALS DIFFER FROM THIS SCHEDULE, THE MORE STRINGENT REQUIREMENTS SHALL APPLY.
2. GENERAL CONTRACTOR SHALL COORDINATE WITH THE FINISH FLOORING SUPPLIER TO PROVIDE ALL NECESSARY SPARING, GRINDING, AND/OR LEVELING OF THE CONCRETE SLAB TO ACCOMMODATE ALL FLOOR FINISHES PRIOR TO INSTALLATION OF FINISH MATERIALS WITH NO ADDITIONAL COST TO THE PROJECT.

LOOSE STEEL LINTEL SCHEDULE (SEE NOTE 1)			
VENEUR TYPE	NOMINAL THICKNESS	CLEAR MASONRY OPENING WIDTH	STEEL LINTEL SECTION
FACE BRICK (NOTE 2)	4"	UP TO 6'-6"	L 4x3 1/2x5/16 (LLV)
		UP TO 7'-6"	L 5x3 1/2x5/16 (LLV)
		UP TO 8'-6"	L 6x3 1/2x5/16 (LLV)
UTILITY BRICK (NOTE 3)	4"	UP TO 7'-0"	L 4x3 1/2x5/16 (LLV)
		UP TO 8'-0"	L 5x3 1/2x5/16 (LLV)
		UP TO 9'-0"	L 6x3 1/2x5/16 (LLV)



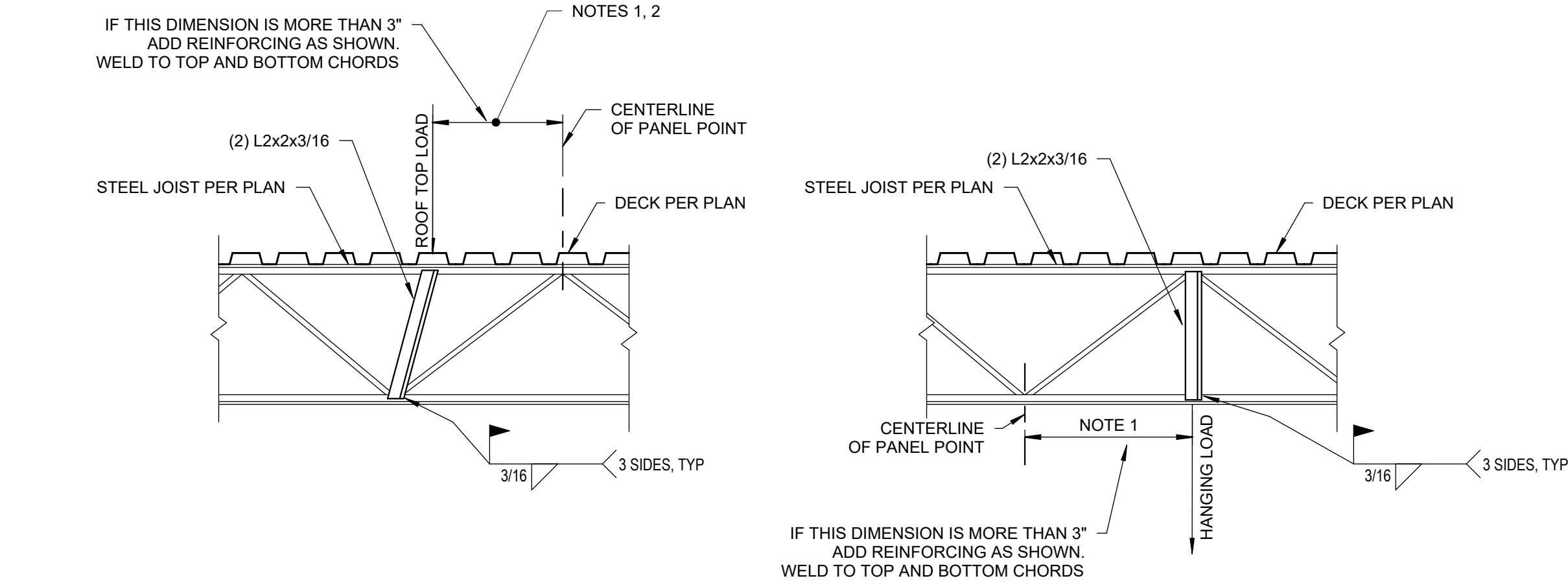
CONCRETE MIX SCHEDULE						
CONCRETE USAGE	28-DAY COMPRESSIVE STRENGTH (PSI)	MAX CEMENT REPLACEMENT (NOTE 3)	MAXIMUM W/CM RATIO	AIR CONTENT (PERCENT)	MAX AGGREGATE SIZE (INCHES)	NOTES
SLABS ON GRADE (6 INCHES OR LESS)	4,000	20%	0.48	0-3	1	

NOTES:

- SEE GENERAL NOTES AND SPECIFICATIONS FOR ADDITIONAL INFORMATION.
- ALL CONCRETE IS NORMAL WEIGHT AND CEMENT IS ASTM C150 TYPE 1 OR ASTM C595 TYPE 1L UNO. DO NOT USE LIGHTWEIGHT CONCRETE UNLESS SPECIFICALLY INDICATED.
- ACCEPTABLE CEMENT REPLACEMENT MATERIAL, WHERE PERMITTED, SHALL BE FLY ASH, ASTM C618 TYPE C OR F UNO.
- TARGET SLUMP SHALL BE DETERMINED BY THE CONTRACTOR AS NEEEDED FOR PROPER PLACEMENT.
- WHERE NOTED, BLENDED AGGREGATE WITH ZONE 2 COARSENESS PER ACI 302 IS MANDATORY.
- COORDINATE OF LOCATIONS OF ALL POLISHED CONCRETE SLABS (WHEN USED) AND REVIEW THE CONCRETE MIX REQUIREMENTS WITH THE POLISHED CONCRETE CONTRACTOR PRIOR TO SUBMITTAL OF CONCRETE MIXES. IF THE POLISHED CONCRETE CONTRACTOR REQUESTS TO DEVIATE FROM THE REQUIREMENTS OF THIS SCHEDULE, CONTACT THE STRUCTURAL ENGINEER TO REVIEW THE REQUESTS PRIOR TO SUBMISSION OF THE POLISHED CONCRETE MIXES).

SLAB ON GRADE SCHEDULE								
Mark	Thickness	Reinforcing	Control Jt Depth	Reinf Clearance	Control Jt Spa	Vapor Retarder	Sub-Base Depth	Remarks
SO604P	4"	6x6-W2, 1xW2, 1 WWF	1"	1 1/2"	10' - 0"	Plastic	6"	

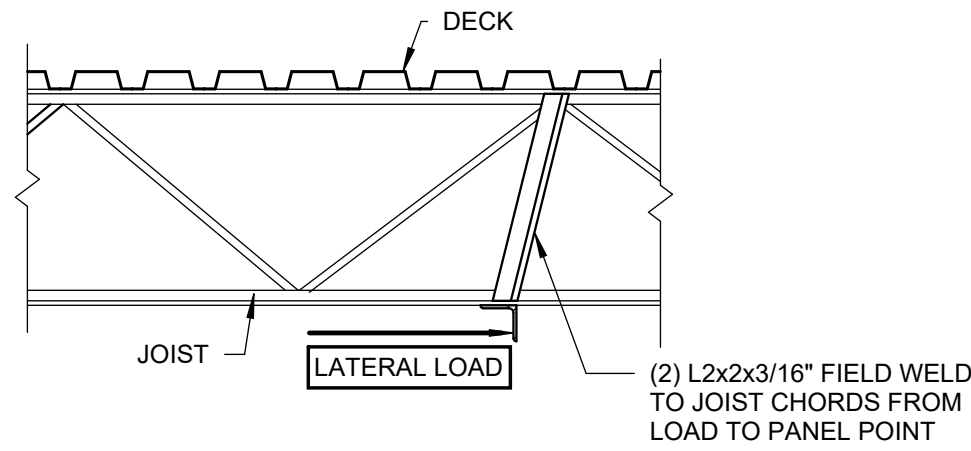
Slab on Grade Schedule Notes:
1. Reinforcing clearance is from the top of slab



- NOTES:
1. PROVIDE REINFORCING AS SHOWN FOR ALL CONCENTRATED LOADS GREATER THAN 100 LBS APPLIED TO UNTOPPED DECK OR DIRECTLY TO STEEL JOIST. IF THE TOTAL WEIGHT OF MULTIPLE CONCENTRATED LOADS APPLIED IN A SINGLE PANEL BETWEEN PANEL POINTS EXCEEDS 100 LBS, PROVIDE REINFORCING AS SHOWN.
 2. REINFORCING AS SHOWN IS NOT REQUIRED FOR LOADS APPLIED TO TOP SURFACE OF SLABS ON METAL DECK, UNO.
 3. FOR EXISTING JOISTS, FIELD VERIFY INSTALLATION CAN BE PERFORMED AS INDICATED. NOTIFY STRUCTURAL ENGINEER TO COORDINATE ALTERNATE REINFORCEMENT DETAIL(S) IF EXISTING JOIST MEMBER LAYOUT WILL NOT PERMIT INSTALLATION AS SHOWN.

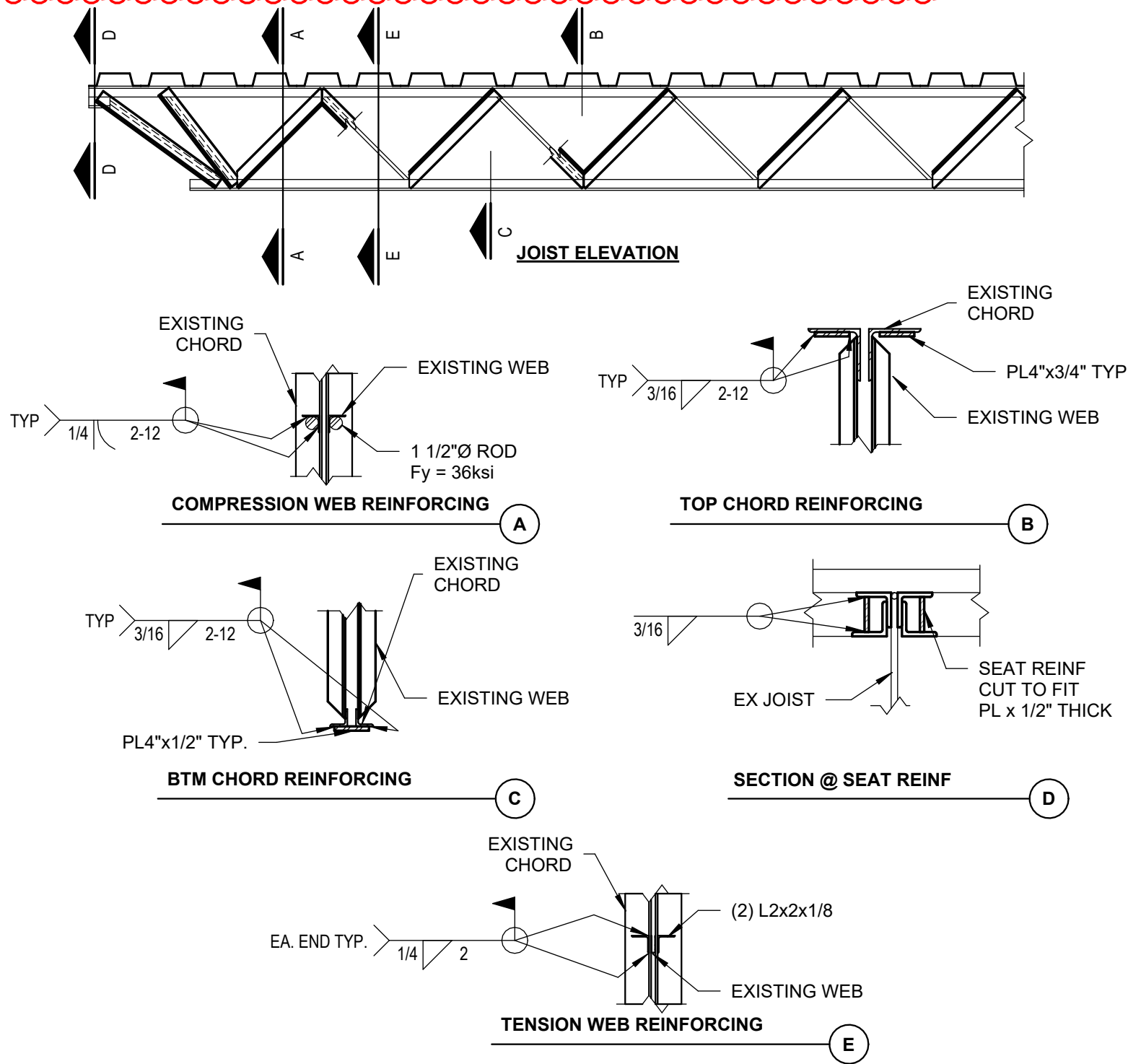
2 TYP JOIST REINFORCING

S502 SCALE: 3/4" = 1'-0"



CONTRACTOR NOTE:
EXISTING JOISTS ARE ASSUMED TO HAVE THE FOLLOWING MEMBERS:
TOP CHORD: (2) L1/4x1 1/2x0.133
BOTTOM CHORD: (2) L1 1/2x1 1/2x0.109
COMPRESSION WEB: CRIMPED ANGLE 2\"/>

1. SHORING IS NOT REQUIRED BEFORE PLACING REINFORCING.
2. REINFORCEMENT REQUIRED FULL LENGTH



1 TYP JOIST REINFORCING

S502 SCALE: 3/4" = 1'-0"

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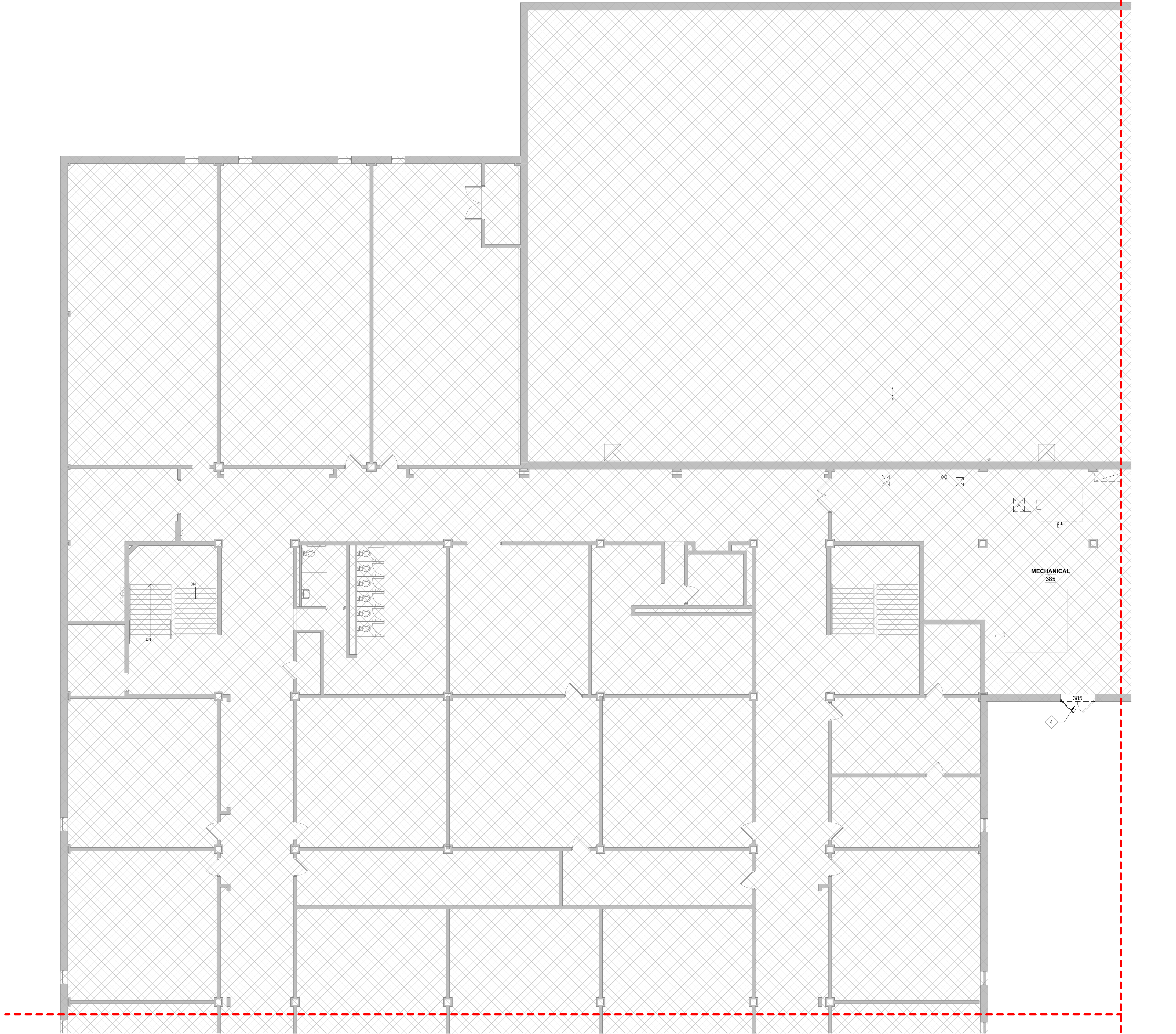


REVISIONS:	#	Date	Desc.
	1	09.11.2026	ADDENDUM 1

CD R&R
PROJECT: #24173P
DATE: 08.04.2026
DRAWN BY: JAV/CMM

EXISTING JOIST
REINFORCING

S502



1 DEMOLITION PLAN - SECOND FLOOR - UNIT D
SCALE: 1/8" = 1'-0"

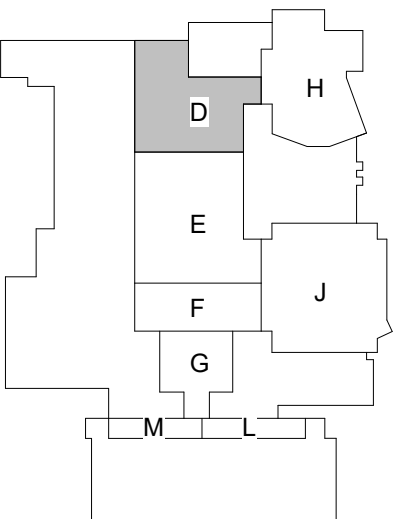
GENERAL NOTES

1. CLEAN, PATCH AND PREP SURFCAES FOR NEW WORK AFTER DEMOLITION
2. COORDINATE DEMOLITION WITH NEW WORK
3. REMOVE ALL EXISTING ATTACHMENT ON WALLS, CLEAN AND PATCH
4. DEMOLITION IS TO FOLLOW ESTABLISHED CONSTRUCTION SEQUENCE. CONTRACTOR IS TO VERIFY THEIR WORK IN THE FIELD WITH THE DEMOLITION DRAWINGS, NEW CONSTRUCTION DRAWINGS, AND THE EXISTING IN-FIELD.
5. WALLS TO BE REMOVED SHALL BE REMOVED TO A POINT (2" MIN) BELOW THE EXISTING FLOOR SLAB UNLESS NOTED OTHERWISE.
6. "FLOORING" DENOTES FLOOR COVERING MATERIALS INCLUDING BACKINGS, ADHESIVE BASES, DOWN TO BUT EXCLUSIVE OF FLOOR SLABS AND STRUCTURAL MATERIALS, UNLESS NOTED OTHERWISE.
7. "CEILING" DENOTES CEILING MATERIALS INCLUDING SUSPENSION SYSTEMS, ADHESIVE, MOLDINGS, UP TO BUT EXCLUSIVE OF STRUCTURAL MATERIALS.
8. AFTER THE DEMOLITION OF MATERIALS, THE RESULTING EXPOSED SURFACE SHALL BE SMOOTH AND FLUSH WITH EXISTING CONDITIONS.
9. COORDINATE THIS WORK WITH DEMOLITION AND NEW WORK ON CIVIL, STRUCTURAL, PLUMBING, MECHANICAL, ELECTRICAL, AND TECHNOLOGY SHEETS.
10. MATERIALS OF DEMOLITION SHALL BE DISPOSED OF OFF-SITE UNLESS OTHERWISE DIRECTED BY OWNER. THE OWNER SHALL RESERVE RIGHT TO CLAIM ANY MATERIALS THAT ARE BEING DEMOLISHED PRIOR TO THE CONTRACTOR DISPOSING OF THEM OFF-SITE.
11. "TURNED OVER TO THE OWNER" DENOTES 1) TAG AND IDENTIFY ITEMS; 2) STORE IN AN ORDERLY FASHION IN A LOCATION DESIGNATED BY THE OWNER.
12. OWNER TO REMOVE EXISTING FURNITURE AND MISCELLANEOUS ITEMS NOT SHOWN AND NOT TO BE DEMOLISHED. CONTRACTOR TO NOTIFY OWNER IN ADVANCE WHEN ITEMS NEED TO BE REMOVED. CONTRACTOR IS RESPONSIBLE FOR OTHER ITEMS TO BE REMOVED.
13. ITEMS TO BE PATCHED. REMOVE ALL LOOSE OR DAMAGED MATERIAL. REFINISH TO LIKE NEW CONDITION, OR IF CONDITION WARRANTS REPLACE IN ENTIRETY.
14. CLEAN, PATCH AND PREP SURFCAES FOR NEW WORK AFTER DEMOLITION.
15. PROTECT AREAS ADJACENT TO AREAS OF DEMOLITION. CONTRACTOR IS RESPONSIBLE TO REPAIR ADJACENT SURFACES THAT DAMAGED.
16. REMOVE AND PROTECT WINDOW SHADES FOR NEW PAINTWORK. REINSTALL AFTER WORK.

 OUT OF SCOPE

PLAN NOTES - DEMOLITION

- 1 DEMO CASEWORK. PATCH, CLEAN, AND PREPARE SURFACES FOR NEW WORK
- 2 DEMO EXISTING KITCHEN APPLIANCES. PATCH, CLEAN, AND PREPARE SURFACES FOR NEW WORK
- 3 DEMO WALL COMPLETELY TO THE PLAN EXTENT INDICATED
- 4 DEMO DOOR(S), FRAME, AND HARDWARE. PATCH, CLEAN, AND PREPARE SURFACES FOR NEW WORK WHERE WALL REMAINS
- 5 DEMO EXISTING FINISH FLOORING AND WALL BASE. CLEAN, PATCH AND PREP FOR SURFACES FOR NEW WORK
- 6 DEMO EXISTING CEILING TILE AND GRID. PATCH, CLEAN, AND PREPARE FOR NEW WORK
- 7 DEMO EXISTING GYPSUM CEILING. PATCH, CLEAN, AND PREPARE SURFACES FOR NEW WORK
- 8 DEMO EXISTING RISERS TO GRADE, SEE STRUCTURAL DRAWINGS. PATCH, CLEAN, AND PREPARE SURFACES FOR NEW WORK
- 9 DEMO EXISTING PLUMBING FIXTURES. PATCH, CLEAN, AND PREPARE SURFACES FOR NEW WORK
- 10 REMOVE AND SALVAGE ALL FURNITURE. RETURN TO OWNER. TYP
- 11 REMOVE AND SALVAGE ALL TOILET ACCESSORIES. RETURN TO OWNER. PATCH, CLEAN, AND PREPARE SURFACES FOR NEW WORK
- 12 DEMO EXISTING TOILET PARTITIONS. PATCH, CLEAN, AND PREPARE SURFACES FOR NEW WORK
- 13 DEMO EXISTING LOCKERS. PATCH, CLEAN, AND PREPARE SURFACES FOR NEW WORK
- 14 DEMO EXISTING MARKERBOARD, TACKBOARD AND ALL WALL ACCESSORIES. PATCH, CLEAN, AND PREPARE SURFACES FOR NEW WORK
- 15 DEMO EXISTING CONCRETE BENCH
- 16 DEMO EXISTING STOREFRONT
- 17 DEMO WALL TO THE PLAN EXTENT INDICATED. CUT A NEW DOOR OPENING.
- 18 CONCRETE BENCH TO REMAIN, PROTECT DURING CONSTRUCTION
- 19 DEMOLISH KILNS AND VENT HOOD, REFER TO MEP DRAWINGS
- 20 DEMO EXISTING LOADING DOCK. REFER TO CIVIL DRAWINGS
- 21 DEMO EXISTING STAIR AND RAILING. REFER TO CIVIL DRAWINGS
- 22 DEMO EXISTING SIDEWALK. REFER TO CIVIL DRAWINGS
- 23 DEMO DOOR(S), FRAME, AND HARDWARE. PATCH, CLEAN, AND PREPARE SURFACES FOR NEW WORK WHERE WALL REMAINS. LOWER SILL TO MATCH NEW FLOOR ELEVATION, WIDEN MASONRY OPENING FOR NEW SIZE OF DOORS
- 24 DEMO DOOR(S), FRAME, AND HARDWARE. PATCH, CLEAN, AND PREPARE SURFACES FOR NEW WORK WHERE WALL REMAINS. WIDEN OPENING TO ACCOMMODATE NEW DOOR. PROVIDE NEW LINTLE AS REQUIRED.
- 25 DEMO AND SALVAGE BULLETIN BOARD CASES
- 26 DEMO EXISTING CEILING TILE AND GRID FOR MEP WORK AS REQUIRED. PATCH, CLEAN, AND PREPARE FOR NEW WORK
- 27 DEMO EXISTING DEMO POWER POLE. REFER TO ELECTRICAL DRAWINGS.
- 28 DEMO EXISTING SMART BOARD, CLEAN, AND PREPARE SURFACES FOR NEW WORK. REFER TO TECH. PATCH
- 29 DEMO WINDOW SILL, CLEAN, AND PREPARE SURFACES FOR NEW WORK
- 30 DEMO DEMO WALL MOUNTED SHELVES, CLEAN, AND PREPARE SURFACES FOR NEW WORK
- 31 REMOVE AND SALVAGE ALL PLAQUE. RETURN TO OWNER. TYP
- 32 DEMO WALL BASE AND FLOORING BACK 1 FOOT FROM WALL OR WHERE BEST MATCH SEAM CAN OCCUR. PREPARE FOR NEW WORK
- 33 DEMO EXISTING FULL MIRROR, CLEAN, PATCH AND PREPARE FOR NEW WORK
- 34 RISERS TO REMAIN AND RELOCATION. PROTECT DURING CONSTRUCTION
- 35 DEMO WALL BASE TO THE PLAN EXTENT INDICATED.



PERRY TOWNSHIP SCHOOLS

PERRY MERIDIAN HS PHASE II RENO (VOL 2)

401 W MERIDIAN SCHOOL RD,

INDIANAPOLIS, IN 46217



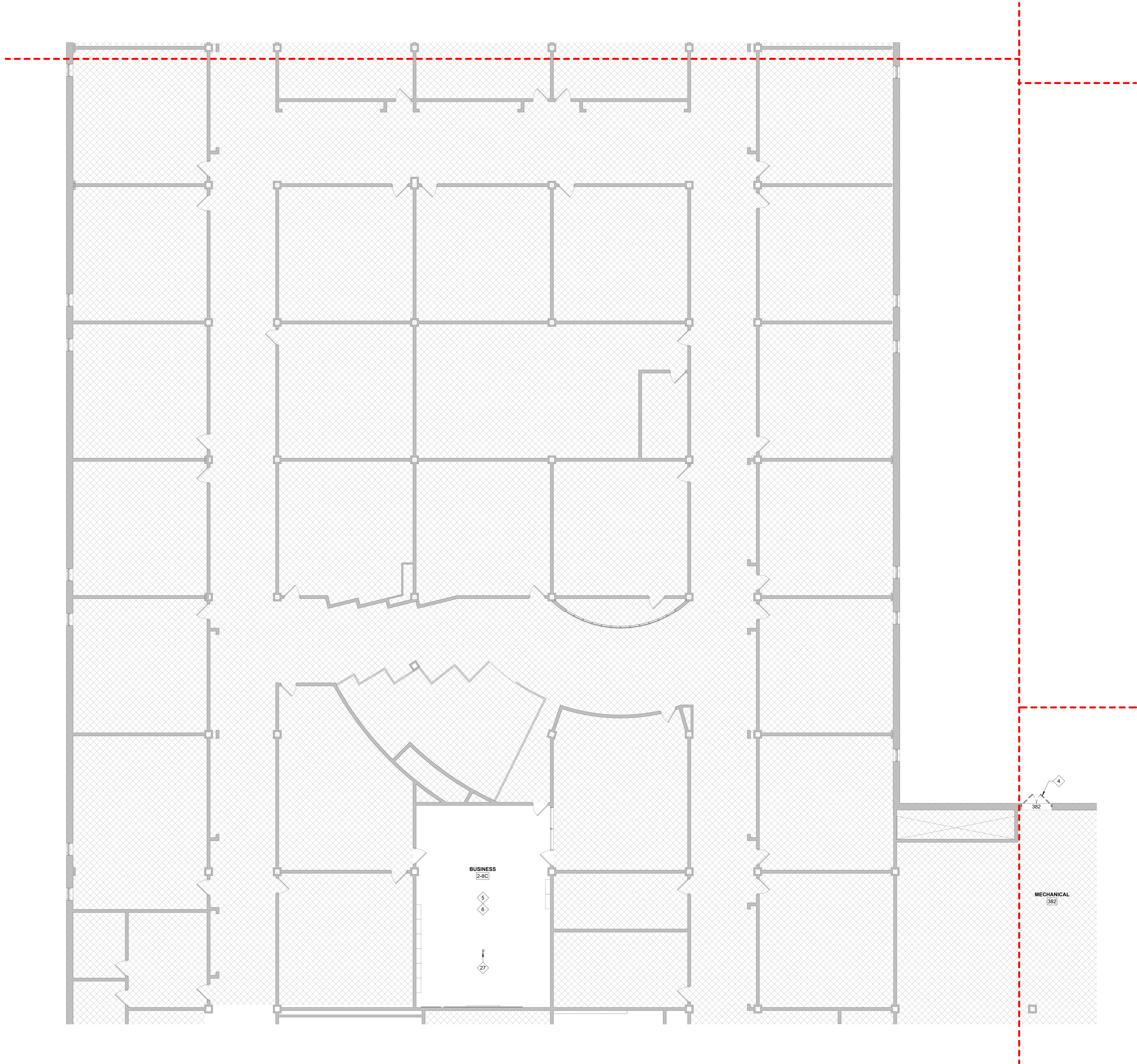
△ REVISIONS:			
	#	Date	Desc.
	1	09-11-2026	Addendum 001

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PROJECT: #24173P
DATE: 09-21-2026
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DEMOLITION
PLAN - SECOND
FLOOR - UNIT D

 AD102D



1 DEMOLITION PLAN - SECOND FLOOR - UNIT E
SCALE: 1/8" = 1'-0"

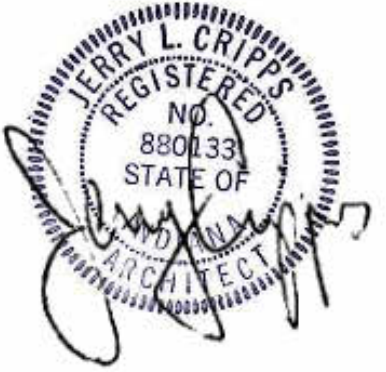
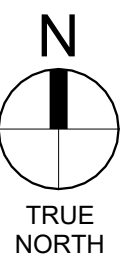
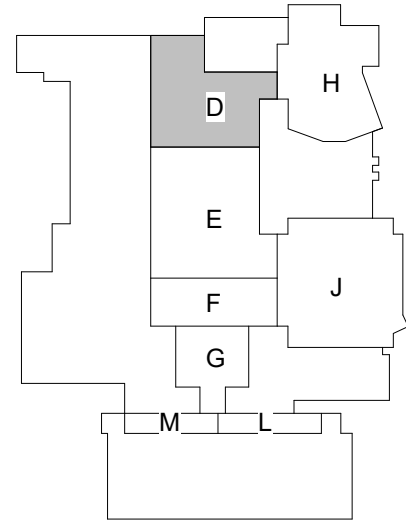
GENERAL NOTES

1. CLEAN, PATCH AND PREP SURFCAES FOR NEW WORK AFTER DEMOLITION
2. COORDINATE DEMOLITION WITH NEW WORK
3. REMOVE ALL EXISTING ATTACHMENT ON WALLS, CLEAN AND PATCH
4. DEMOLITION IS TO FOLLOW ESTABLISHED CONSTRUCTION SEQUENCE, CONTRACTOR IS TO VERIFY THEIR WORK IN THE FIELD WITH THE DEMOLITION DRAWINGS, NEW CONSTRUCTION DRAWINGS, AND THE EXISTING IN-FIELD.
5. WALLS TO BE REMOVED SHALL BE REMOVED TO A POINT (2" MIN) BELOW THE EXISTING FLOOR SLAB UNLESS NOTED OTHERWISE.
6. "FLOORING" DENOTES FLOOR COVERING MATERIALS INCLUDING BACKINGS, ADHESIVE BASES, DOWN TO BUT EXCLUSIVE OF FLOOR SLABS AND STRUCTURAL MATERIALS, UNLESS NOTED OTHERWISE.
7. "CEILING" DENOTES CEILING MATERIALS INCLUDING SUSPENSION SYSTEMS, ADHESIVE, MOLDINGS, UP TO BUT EXCLUSIVE OF STRUCTURAL MATERIALS.
8. AFTER THE DEMOLITION OF MATERIALS, THE RESULTING EXPOSED SURFACE SHALL BE SMOOTH AND FLUSH WITH EXISTING CONDITIONS.
9. COORDINATE THIS WORK WITH DEMOLITION AND NEW WORK ON CIVIL, STRUCTURAL, PLUMBING, MECHANICAL, ELECTRICAL, AND TECHNOLOGY SHEETS.
10. MATERIALS OF DEMOLITION SHALL BE DISPOSED OF OFF-SITE UNLESS OTHERWISE DIRECTED BY OWNER. THE OWNER SHALL RESERVE RIGHT TO CLAIM ANY MATERIALS THAT ARE BEING DEMOLISHED PRIOR TO THE CONTRACTOR DISPOSING OF THEM OFF SITE.
11. "TURNED OVER TO THE OWNER" DENOTES 1) TAG AND IDENTIFY ITEMS; 2) STORE IN AN ORDERLY FASHION IN A LOCATION DESIGNATED BY THE OWNER.
12. OWNER TO REMOVE EXISTING FURNITURE AND MISCELLANEOUS ITEMS NOT SHOWN AND NOT TO BE DEMOLISHED. CONTRACTOR TO NOTIFY OWNER IN ADVANCE WHEN ITEMS NEED TO BE REMOVED. CONTRACTOR IS RESPONSIBLE FOR OTHER ITEMS TO BE REMOVED.
13. ITEMS TO BE PATCHED, REMOVE ALL LOOSE OR DAMAGED MATERIAL, REFINISH TO LIKE NEW CONDITION, OR IF CONDITION WARRANTS REPLACE IN ENTIRETY.
14. CLEAN, PATCH AND PREP SURFCAES FOR NEW WORK AFTER DEMOLITION.
15. PROTECT AREAS ADJACENT TO AREAS OF DEMOLITION. CONTRACTOR IS RESPONSIBLE TO REPAIR ADJACENT SURFACES THAT DAMAGED.
16. REMOVE AND PROTECT WINDOW SHADES FOR NEW PAINTWORK. REINSTALL AFTER WORK.

 OUT OF SCOPE

PLAN NOTES - DEMOLITION

- 1 DEMO CASEWORK, PATCH, CLEAN, AND PREPARE SURFACES FOR NEW WORK
- 2 DEMO EXISTING KITCHEN APPLIANCES, PATCH, CLEAN, AND PREPARE SURFACES FOR NEW WORK
- 3 DEMO WALL COMPLETELY TO THE PLAN EXTENT INDICATED
- 4 DEMO DOOR(S), FRAME, AND HARDWARE, PATCH, CLEAN, AND PREPARE SURFACES FOR NEW WORK WHERE WALL REMAINS
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- 6 DEMO EXISTING CEILING TILE AND GRID, PATCH, CLEAN, AND PREPARE FOR NEW WORK
- 7 DEMO EXISTING GYPSUM CEILING, PATCH, CLEAN, AND PREPARE SURFACES FOR NEW WORK
- 8 DEMO EXISTING RISERS TO GRADE, SEE STRUCTURAL DRAWINGS, PATCH, CLEAN, AND PREPARE SURFACES FOR NEW WORK
- 9 DEMO EXISTING PLUMBING FIXTURES, PATCH, CLEAN, AND PREPARE SURFACES FOR NEW WORK
- 10 REMOVE AND SALVAGE ALL FURNITURE, RETURN TO OWNER, TYP
- 11 REMOVE AND SALVAGE ALL TOILET ACCESSORIES, RETURN TO OWNER, PATCH, CLEAN, AND PREPARE SURFACES FOR NEW WORK
- 12 DEMO EXISTING TOILET PARTITIONS, PATCH, CLEAN, AND PREPARE SURFACES FOR NEW WORK
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- 35 DEMO WALL BASE TO THE PLAN EXTENT INDICATED.



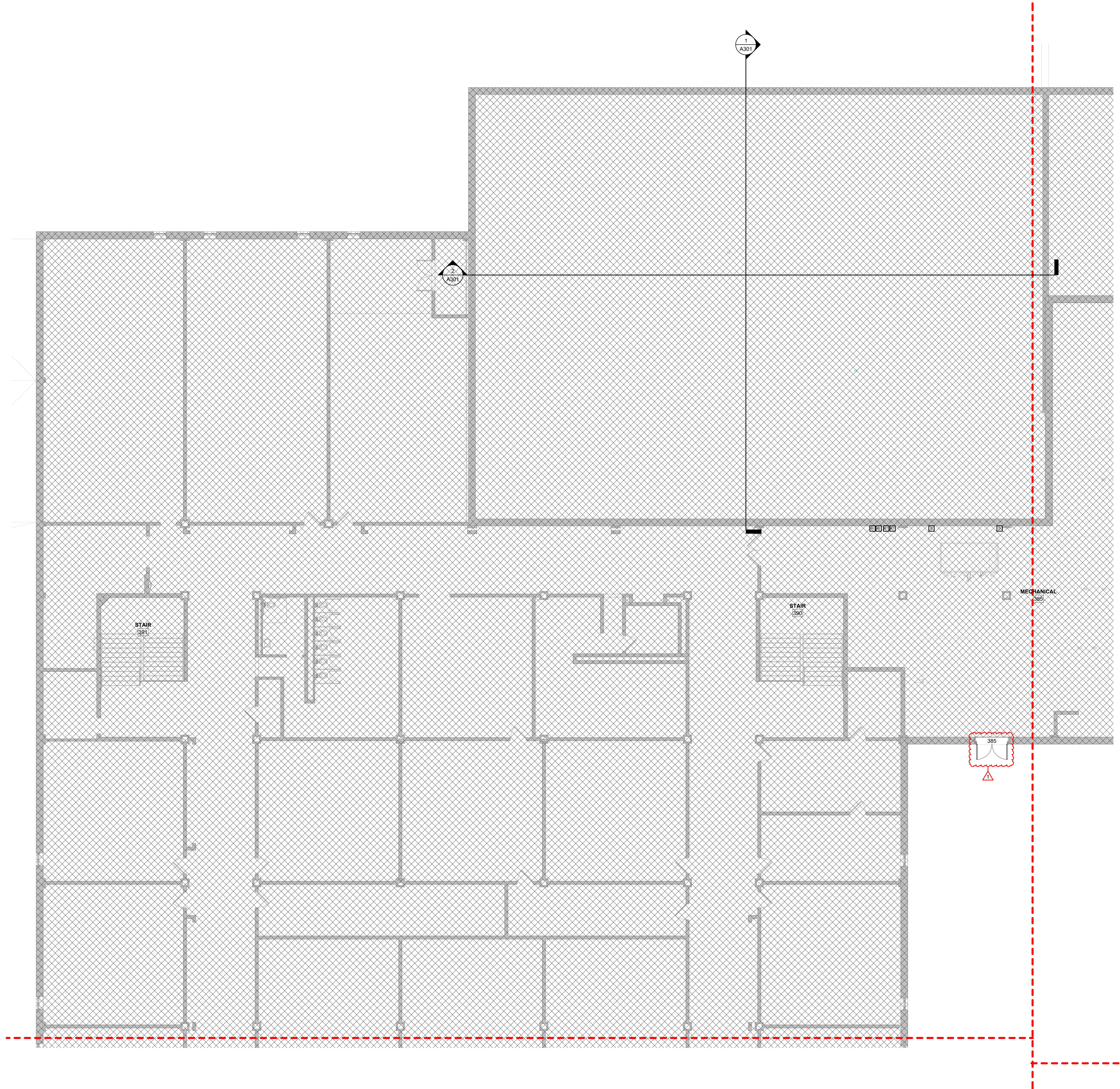
#	Date	Desc.
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PROJECT: #24173P
DATE: 08-21-2026
DRAWN BY: Author

DEMOLITION
PLAN - SECOND
FLOOR - UNIT E

AD102E



1 FLOOR PLAN - SECOND FLOOR - UNIT D
SCALE: 1/8" = 1'-0"

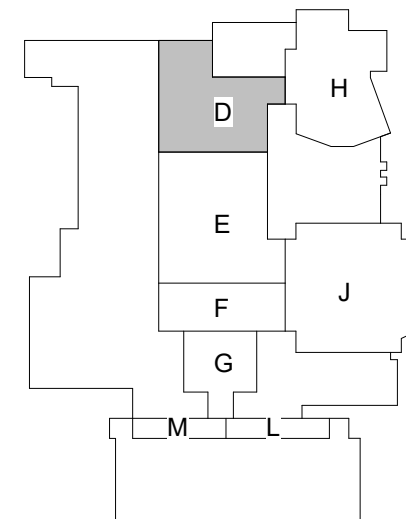
GENERAL NOTES

- PROVIDE CORNER GUARDS AT ALL OUTSIDE CORNERS WITH GYPSUM BOARD FINISH.
- PROVIDE BULL-NOSE FINISH ON ALL OUTSIDE CORNERS OF CMU WALLS.
- SEE ELEVATIONS FOR EXTERIOR MASONRY TYPE AND SIZES.
- PROVIDE SOLID SURFACE WINDOW SILLS @ ALL STOREFRONT GLAZING SILLS ABOVE FINISHED FLOOR HEIGHT. WINDOW SILL TO EXTEND 1" PAST FINISHED WALL SURFACE, TYP. UNLESS NOTED OTHERWISE.
- VIF ALL DIMENSIONS FOR WINDOWS AND CASEWORK.
- INTERIOR DIMENSIONS ARE TAKEN TO THE FACE OF MASONRY OR STUDS.
- FOR ALL RESTROOM FACILITIES WITH GYPSUM WALL FINISH REPLACE 5/8" TYPE "X" GYPSUM BOARD WITH 5/8" MOISTURE RESISTANT GYPSUM BOARD. SEE SPECS FOR DETAILS.
- WHERE COLUMNS ARE NOT INDICATED TO BE WRAPPED, PAINT THEM P-X.
- WALLS TO GO UP TO DECK UNLESS NOTED OTHERWISE.
- PROVIDE WINDOW SHADES AT ALL EXTERIOR PUNCHED OPENINGS AND WHERE INDICATED ON PANS.

NOT IN SCOPE OF WORK

PLAN NOTES - FLOOR PLAN

- UPPER AND LOWER CASEWORK. REFER INTERIOR SHEET.
- INDUSTRIAL DOUBLE BASIN FREE STANDING STAINLESS STEEL SINK CLAYTRAP. REFER TO PLUMBING.
- MOP SINK.
- WALL-MOUNTED MARKERBOARD, 6'-0" X 4'-0". CONTRACTOR SUPPLIED, CONTRACTOR INSTALLED.
- WALL-MOUNTED MARKERBOARD, 8'-0" X 4'-0". CONTRACTOR SUPPLIED, CONTRACTOR INSTALLED.
- WALL-MOUNTED MARKERBOARD, 12'-0" X 4'-0". CONTRACTOR SUPPLIED, CONTRACTOR INSTALLED.
- WALL-MOUNTED MARKERBOARD, 16'-0" X 4'-0". CONTRACTOR SUPPLIED, CONTRACTOR INSTALLED.
- NEW INTERACTIVE FLAT PANEL DISPLAY. OWNER SUPPLIED, CONTRACTOR INSTALLED.
- TALL CABINETS. REFER INTERIOR SHEET.
- FLOOR TRENCH DRAIN WITH CLAYTRAP. REFER TO P-SERIES DRAWINGS.
- REFRIGERATOR. OWNER SUPPLIED, CONTRACTOR INSTALLED.
- RESIDENTIAL WASHER AND DRYER ON 4" HIGH CONCRETE HOUSEKEEPING PAD. OWNER SUPPLIED, CONTRACTOR INSTALLED.
- WALL MOUNTED SMART TV. OWNER SUPPLIED, CONTRACTOR INSTALLED.
- INSTRUMENT STORAGE/CASEWORK.
- SHEET MUSIC STORAGE 7 SHELF SYSTEM.
- ADA SINK WITH CASEWORK.
- COUNTERTOP AND BACKSPLASH.
- DOUBLE-TIER HDPE PLASTIC LOCKER. REFER TO TYPICAL INTERIOR ELEVATION FOR FRONT.
- MIRRORS.
- WALL SHELVING.
- NEW CLAY DRYING CABINET. CONTRACTOR SUPPLIED, CONTRACTOR INSTALLED.
- NEW DAMP-PROOF CLAY STORAGE CABINET. CONTRACTOR SUPPLIED, CONTRACTOR INSTALLED.
- NEW KILNS. CONTRACTOR SUPPLIED, CONTRACTOR INSTALLED.
- DRINKING FOUNTAIN WITH BOTTLE FILLER. REF. P-SERIES.
- KILN VENT HOOD. REFER TO MEP DRAWINGS.
- SPRAY PAINT BOOTH. REFER TO ELECTRICAL DRAWINGS.
- ADA COOKTOP WITH CASEWORK.
- 55" BEVERAGE COOLER. REFER TO ELECTRICAL DRAWINGS.
- PROVIDE NEW FLOOR SLAB WHERE CONCRETE RISERS/STEPS, AND RAMP WERE REMOVED. SEE STRUCTURAL DRAWINGS.
- ALIGN.
- INTEGRAL SINK IN BLACK EPOXY.
- SURFACE-MOUNTED FIRE EXTINGUISHER CABINET.
- PROVIDE NEW WINDOW SHADE.
- PROVIDE OPAQUE WINDOW FILM ON EXISTING WINDOW.
- INFILL OPENING. MATCH ADJACENT WALL CONSTRUCTION.
- 3X8 FABRIC WRAPPED ABSORBER PANEL 3" THICK.
- 4X8 FABRIC WRAPPED ABSORBER PANEL 3" THICK.



PERRY TOWNSHIP SCHOOLS

PERRY MERIDIAN HS PHASE II RENO (VOL 2)

401 W MERIDIAN SCHOOL RD,

INDIANAPOLIS, IN 46217



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	1	08-11-2026	Addendum 001

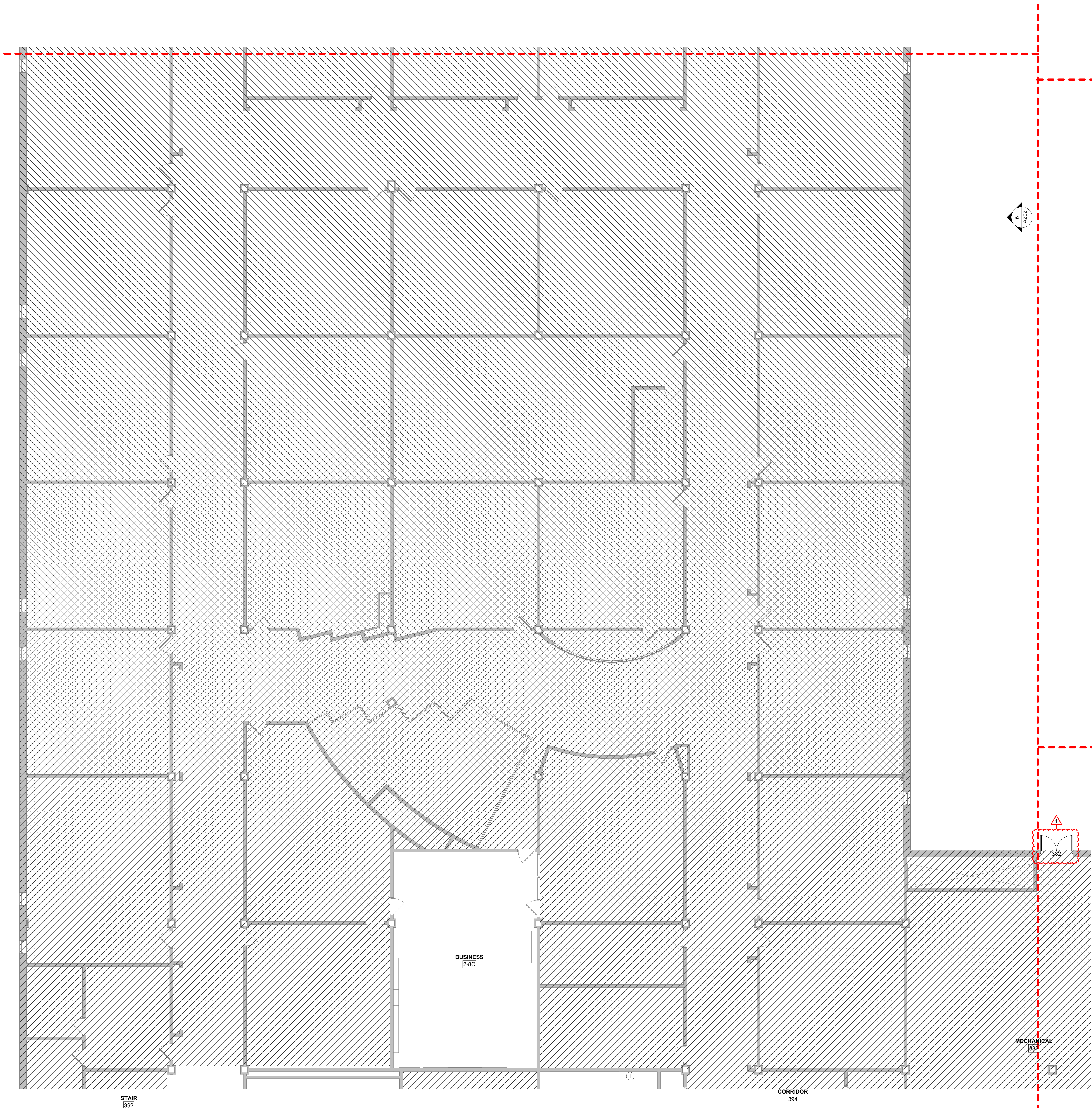
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PROJECT: #24173P
DATE: 08-21-2026
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FLOOR PLAN - SECOND FLOOR - UNIT D

A102D

LANCER ASSOCIATES
ARCHITECTURE
145 N EAST ST.
INDIANAPOLIS, IN 46204



GENERAL NOTES

A. PROVIDE CORNER GUARDS AT ALL OUTSIDE CORNERS WITH GYPSUM BOARD FINISH.

B. PROVIDE BULL-NOSE FINISH ON ALL OUTSIDE CORNERS OF CMU WALLS.

C. SEE ELEVATIONS FOR EXTERIOR MASONRY TYPE AND SIZES.

D. PROVIDE SOLID SURFACE WINDOW SILLS @ ALL STOREFRONT GLAZING SILLS ABOVE FINISHED FLOOR HEIGHT. WINDOW SILL TO EXTEND 1" PAST FINISHED WALL SURFACE, TYP. UNLESS NOTED OTHERWISE.

E. VIF ALL DIMENSIONS FOR WINDOWS AND CASEWORK.

F. INTERIOR DIMENSIONS ARE TAKEN TO THE FACE OF MASONRY OR STUDS.

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H. WHERE COLUMNS ARE NOT INDICATED TO BE WRAPPED, PAINT THEM P-X.

I. WALLS TO GO UP TO DECK UNLESS NOTED OTHERWISE.

J. PROVIDE WINDOW SHADES AT ALL EXTERIOR PUNCHED OPENINGS AND WHERE INDICATED ON PANS.

NOT IN SCOPE OF WORK

- PLAN NOTES - FLOOR PLAN
- 1

UPPER AND LOWER CASEWORK. REFER INTERIOR SHEET
- 2

INDUSTRIAL DOUBLE BASIN FREE STANDING STAINLESS STEEL SINK CLAYTRAP. REFER TO PLUMBING
- 3

MOP SINK
- 4

WALL-MOUNTED MARKERBOARD, 6'-0" X 4'-0". CONTRACTOR SUPPLIED, CONTRACTOR INSTALLED
- 5

WALL-MOUNTED MARKERBOARD, 8'-0" X 4'-0". CONTRACTOR SUPPLIED, CONTRACTOR INSTALLED
- 6

WALL-MOUNTED MARKERBOARD, 12'-0" X 4'-0". CONTRACTOR SUPPLIED, CONTRACTOR INSTALLED
- 7

WALL-MOUNTED MARKERBOARD, 16'-0" X 4'-0". CONTRACTOR SUPPLIED, CONTRACTOR INSTALLED
- 8

NEW INTERACTIVE FLAT PANEL DISPLAY. OWNER SUPPLIED, CONTRACTOR INSTALLED
- 9

TALL CABINETS. REFER INTERIOR SHEET
- 10

FLOOR TRENCH DRAIN WITH CLAYTRAP. REFER TO P-SERIES DRAWINGS
- 11

REFRIGERATOR. OWNER SUPPLIED, CONTRACTOR INSTALLED
- 12

RESIDENTIAL WASHER AND DRYER ON 4" HIGH CONCRETE HOUSEKEEPING PAD. OWNER SUPPLIED, CONTRACTOR INSTALLED
- 13

WALL MOUNTED SMART TV. OWNER SUPPLIED, CONTRACTOR INSTALLED
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INSTRUMENT STORAGE/CASEWORK
- 15

SHEET MUSIC STORAGE 7 SHELF STSTEM
- 16

ADA SINK WITH CASEWORK
- 17

COUNTERTOP AND BACKSPLASH
- 18

DOUBLE-TIER HDPE PLASTIC LOCKER. REFER TO TYPICAL INTERIOR ELEVATION FOR FRONT.
- 19

MIRRORS
- 20

WALL SHELVING
- 22

NEW CLAY DRYING CABINET. CONTRACTOR SUPPLIED, CONTRACTOR INSTALLED
- 23

NEW DAMP-PROOF CLAY STORAGE CABINET. CONTRACTOR SUPPLIED, CONTRACTOR INSTALLED
- 24

NEW KILNS. CONTRACTOR SUPPLIED, CONTRACTOR INSTALLED
- 25

DRINKING FOUNTAIN WITH BOTTLE FILLER. REF. P-SERIES
- 26

KILN VENT HOOD. REFER TO MEP DRAWINGS
- 27

SPRAY PAINT BOOTH. REFER TO ELECTRICAL DRAWINGS
- 28

ADA COOKTOP WITH CASEWORK
- 29

55" BEVERAGE COOLER. REFER TO ELECTRICAL DRAWINGS
- 30

PROVIDE NEW FLOOR SLAB WHERE CONCRETE RISERS/STEPS, AND RAMP WERE REMOVED. SEE STRUCTURAL DRAWINGS
- 31

ALIGN
- 32

INTEGRAL SINK IN BLACK EPOXY
- 34

SURFACE-MOUNTED FIRE EXTINGUISHER CABINET
- 35

PROVIDE NEW WINDOW SHADE
- 36

PROVIDE OPAQUE WINDOW FILM ON EXISTING WINDOW
- 37

INFILL OPENING. MATCH ADJACENT WALL CONSTRUCTION
- 38

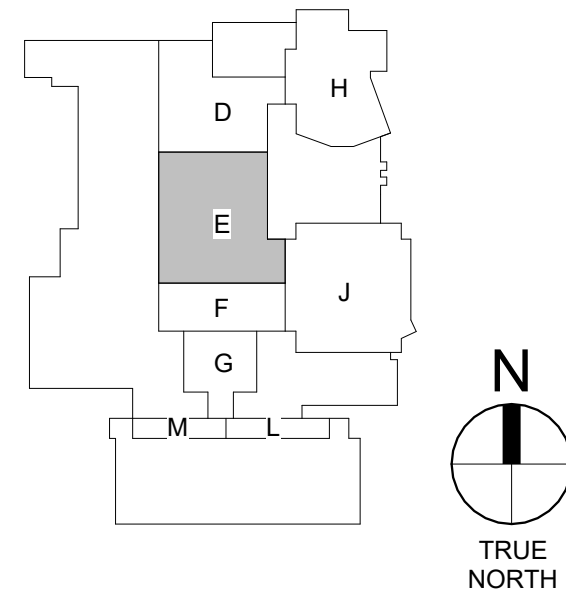
3X8 FABRIC WRAPPED ABSORBER PANEL 3" THICK
- 39

4X8 FABRIC WRAPPED ABSORBER PANEL 3" THICK

PLOT DATE/TIME: 01/11/2025 2:57:06 PM

1 FLOOR PLAN - SECOND FLOOR - UNIT E

SCALE: 1/8" = 1'-0"



LANCER ASSOCIATES
ARCHITECTURE

145 N EAST ST.
INDIANAPOLIS, IN 46204

PERRY TOWNSHIP SCHOOLS
PERRY MERIDIAN HS PHASE II RENO (VOL 2)
401 W MERIDIAN SCHOOL RD,
INDIANAPOLIS, IN 46217

REGISTERED ARCHITECT
NO. 880133
STATE OF INDIANA

REVISIONS:

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PROJECT: #24173P

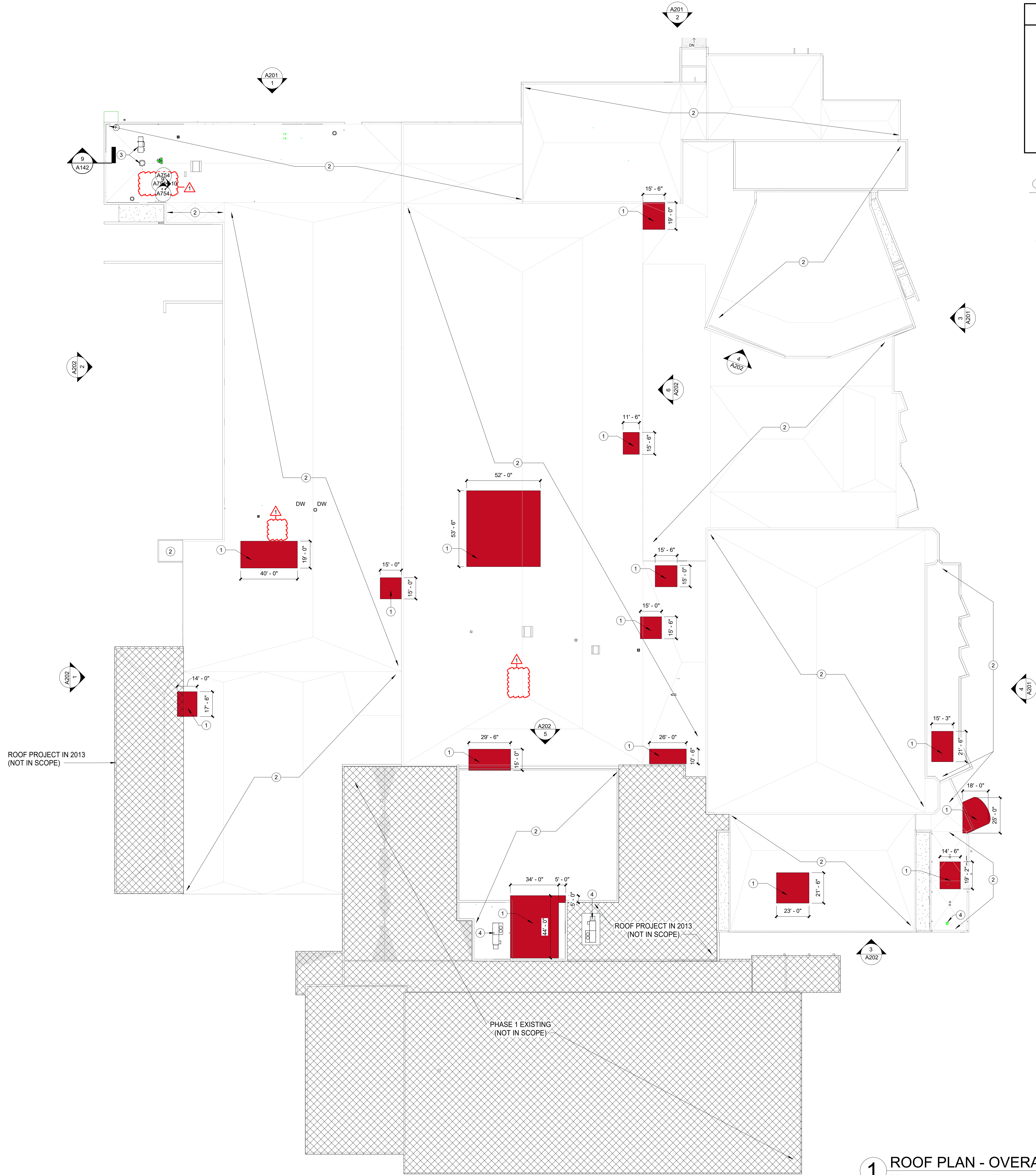
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FLOOR PLAN - SECOND FLOOR - UNIT E

A102E

PLOT DATE/TIME: 01/11/2025 2:58:03 PM



GENERAL NOTES

1. PROVIDE SPLASH BLOCKS WHERE DOWNSPOUTS OR EXTENDERS COME INTO ROOF SURFACE

2. PROVIDE 2X2 PROTECTIVE ROOF PADS OUTSIDE EVERY ROOF ACCESS POINT, ON TOP AND BOTTOM OF ROOF LADDERS, AROUND ALL ROOF MEP EQUIPMENT

3. REPLACE ALL EXPANSION JOINT COVERS WHERE THEY OCCUR

NOT IN SCOPE OF WORK

PLAN NOTES - ROOF PLAN

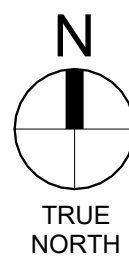
1. DEMOLISH EXISTING ROOF MEMBRANE AND INSULATION TO THE DECK. INSTALL NEW INSULATION AND TPO MEMBRANE

2. DEMOLISH EXISTING ROOF MEMBRANE. INSTALL NEW TPO MEMBRANE. PROVIDE NEW ROOF EDGE METAL CAP ON FASCIA, SEE TYPICAL DETAIL

3. ROOFTOP MECHANICAL EQUIPMENT. REFER TO FOODSERVICE DRAWINGS

4. ROOFTOP MECHANICAL EQUIPMENT. REFER TO MECHANICAL DRAWINGS

1 ROOF PLAN - OVERALL
SCALE: 1" = 30'-0" REF: 1 / A202



#	Date	Desc.
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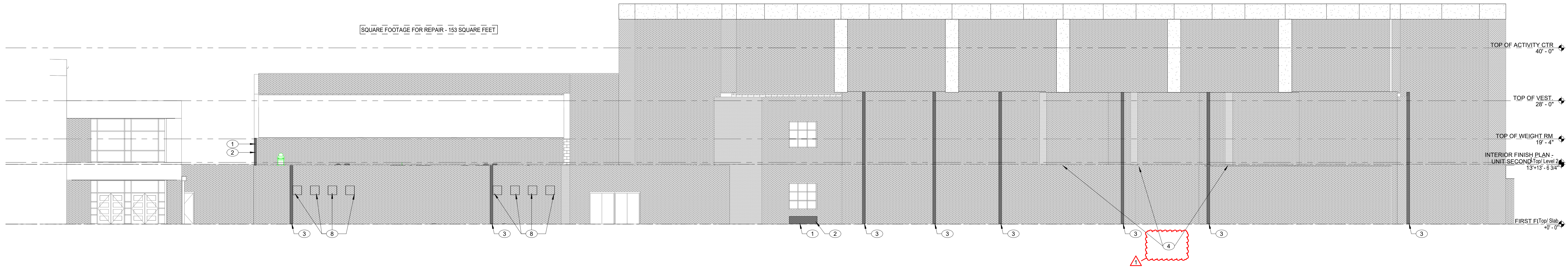
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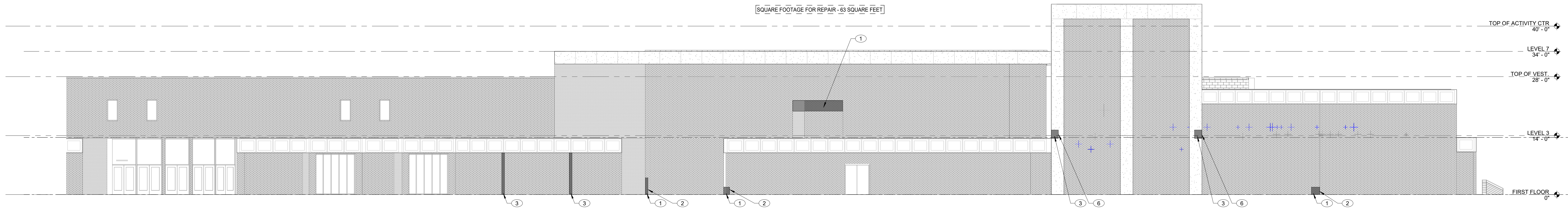
ROOF PLAN

ELEVATION NOTES - EXTERIOR	
1	REPAIR DAMAGED BRICK TO MATCH EXISTING. FIELD VERIFY
2	REPAIR DAMAGED MORTAR TO MATCH EXISTING. FIELD VERIFY
3	REPLACE CAULK CONTROL JOINT. FIELD VERIFY
4	CLEAN/REPAIR UNDERNEATH METAL RUSTED SOFFIT SURFACE, AND REFINISH. FIELD VERIFY
5	REPAIR METAL PANELS. REMOVE SIGN AND INSTALL BACKFIELD VERIFY
6	REPAIR DAMAGED CONCRETE PANEL TO MATCH EXISTING. FIELD VERIFY
7	REPLACE CAULK JOINT. FIELD VERIFY
8	INFILL EXISTING WINDOW OPENING. MATCH EXISTING BRICK
9	REMOVE EXISTING BRICK FACADE AND REPLACE WITH NEW BRICK TO MATCH EXISTING. SEE STRUCTURAL

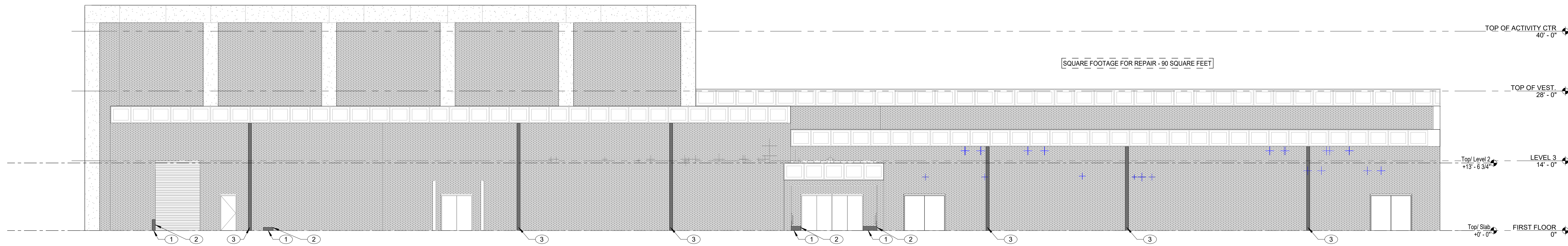
GENERAL NOTES - EXTERIOR ELEVATIONS
A. REPLACE ALL CAULK CONTROL JOINTS. FIELD VERIFY.



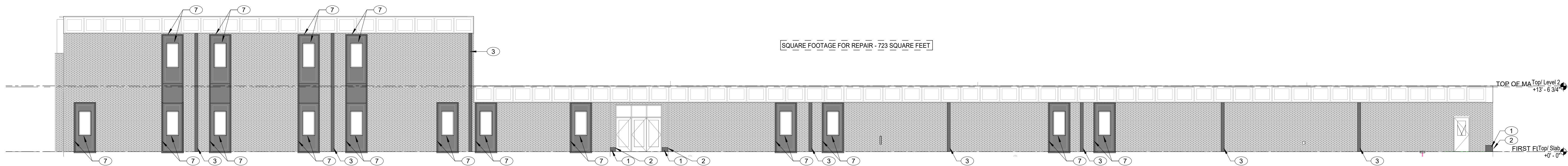
4 EXTERIOR ELEVATION - EAST - CONTINUED
SCALE: 1" = 10'-0" REF. 1 / A101K



3 EXTERIOR ELEVATION - EAST
SCALE: 1" = 10'-0" REF. 1 / A141



2 EXTERIOR ELEVATION - NORTH - CONTINUED
SCALE: 1" = 10'-0" REF. 1 / A101D



1 EXTERIOR ELEVATION - NORTH
SCALE: 1" = 10'-0" REF. 1 / A101D



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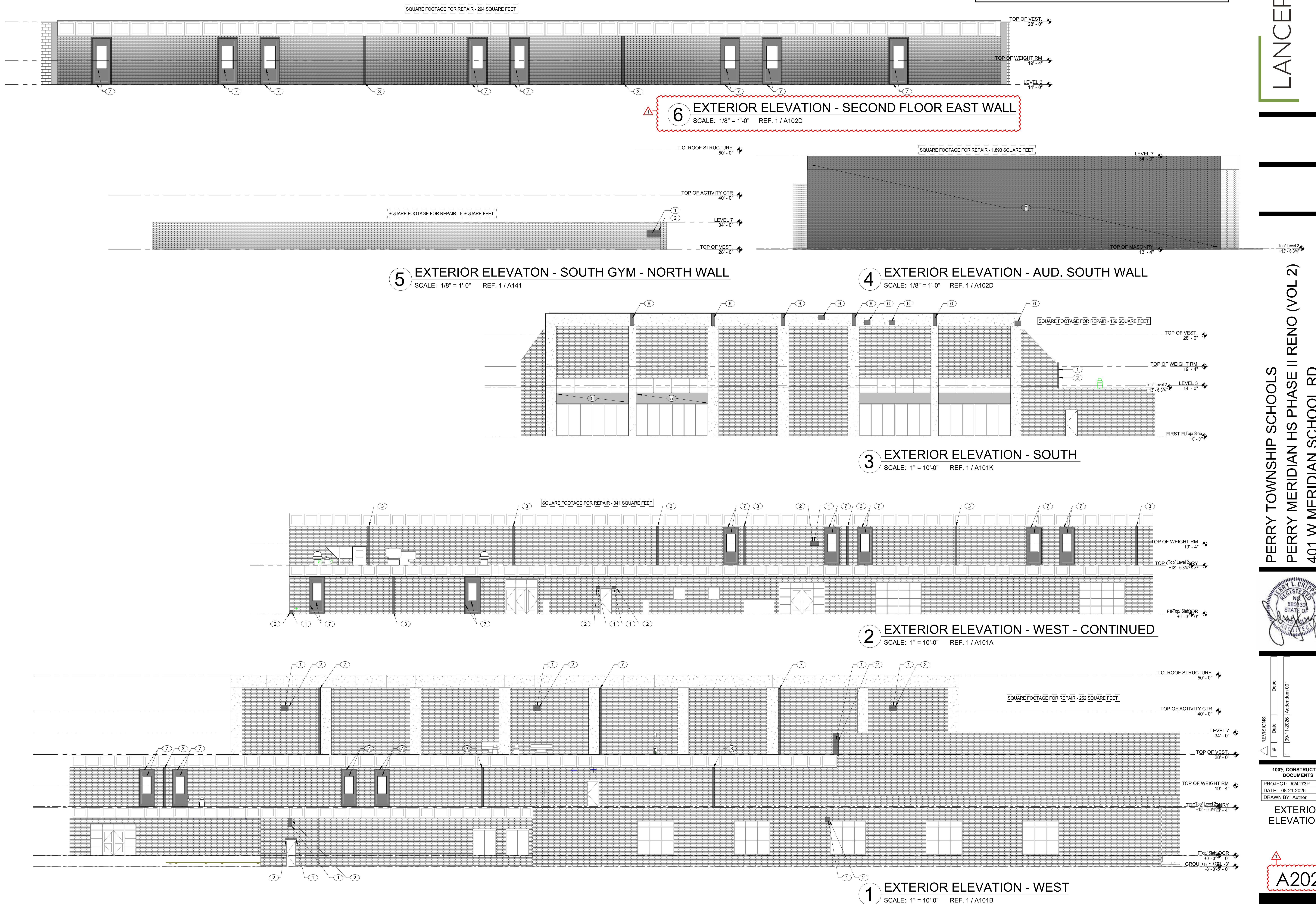
EXTERIOR ELEVATIONS

ELEVATION NOTES - EXTERIOR

1	REPAIR DAMAGED BRICK TO MATCH EXISTING. FIELD VERIFY
2	REPAIR DAMAGED MORTAR TO MATCH EXISTING. FIELD VERIFY
3	REPLACE CAULK CONTROL JOINT. FIELD VERIFY
4	CLEAN/REPAIR UNDERNEATH METAL RUSTED SOFFIT SURFACE, AND REFINISH. FIELD VERIFY
5	REPAIR METAL PANELS. REMOVE SIGN AND INSTALL BACKFIELD VERIFY
6	REPAIR DAMAGED WINDOW FRAME TO MATCH EXISTING. FIELD VERIFY
7	REPLACE CAULK JOINT. FIELD VERIFY
8	INFILL EXISTING WINDOW OPENING. MATCH EXISTING BRICK
9	REMOVE EXISTING BRICK FACADE AND REPLACE WITH NEW BRICK TO MATCH EXISTING. SEE STRUCTURAL

GENERAL NOTES - EXTERIOR ELEVATIONS

A. REPLACE ALL CAULK CONTROL JOINTS, FIELD VERIFY.



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EXTERIOR ELEVATIONS

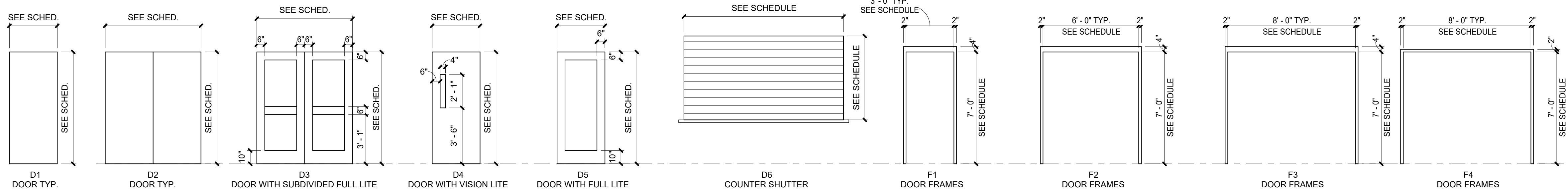


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DOOR SCHEDULE

DOOR SCHEDULE														
DR #	ROOM NAME	ROOM #	DOOR			FRAME					GLAZING	FIRE RATING	HARDWARE	NOTES
			HEIGHT	WIDTH	ELEV	MATERIAL	ELEV	MATERIAL	HEAD	JAMB				
2-6A.1	LGI	2-6A	7'-0"	3'-0"	D4	WD	F1	HM	1/A602	2/A602	TEMP. SECURITY		21	
2-6A.2	LGI	2-6A	7'-0"	3'-0"	D4	WD	F1	HM	1/A602	2/A602	TEMP. SECURITY		21	
2-6AB	CORRIDOR	394	7'-0"	3'-0"	D1	WD	F1	HM	1/A602	2/A602	TEMP. SECURITY		10	
2-6B	CLASSROOM	2-6B	7'-0"	3'-0"	D4	WD	F1	HM	1/A602	2/A602	TEMP. SECURITY		16	
2-6C	CLASSROOM	2-6C	7'-0"	3'-0"	D4	WD	F1	HM	1/A602	2/A602	TEMP. SECURITY		16	
2-6D	CLASSROOM	2-6D	7'-0"	3'-0"	D4	WD	F1	HM	1/A602	2/A602	TEMP. SECURITY		16	
2-6E	CLASSROOM	2-6E	7'-0"	3'-0"	D4	WD	F1	HM	1/A602	2/A602	TEMP. SECURITY		16	
2-6F	CLASSROOM	2-6F	7'-0"	3'-0"	D4	WD	F1	HM	1/A602	2/A602	TEMP. SECURITY		16	
2-6G	CLASSROOM	2-6G	7'-0"	3'-0"	D4	WD	F1	HM	1/A602	2/A602	TEMP. SECURITY		16	
2-6H	CLASSROOM	2-6H	7'-0"	3'-0"	D4	WD	F1	HM	1/A602	2/A602	TEMP. SECURITY		16	
2-6J	CLASSROOM	2-6J	7'-0"	3'-0"	D4	WD	F1	HM	1/A602	2/A602	TEMP. SECURITY		16	
2-6K	CLASSROOM	2-6K	7'-0"	3'-0"	D4	WD	F1	HM	1/A602	2/A602	TEMP. SECURITY		16	
2-6L	CLASSROOM	2-6L	7'-0"	3'-0"	D4	WD	F1	HM	1/A602	2/A602	TEMP. SECURITY		16	
3D	CIP	3D	7'-0"	4'-0"	D4	WD	F1	HM	3/A602	4/A602	TEMP. SECURITY		17	
3E	SENSORY	3E	7'-0"	4'-0"	D4	WD	F1	HM	3/A602	4/A602	TEMP. SECURITY		24	
5C.1	CHORAL	5C	7'-0"	4'-0"	D4	WD	F1	HM	1/A602	2/A602	TEMP. SECURITY		22	ACOUSTICAL SEAL AROUND DOOR
5C.2	CHORAL	5C	7'-0"	4'-0"	D4	WD	F1	HM	1/A602	2/A602	TEMP. SECURITY		22	ACOUSTICAL SEAL AROUND DOOR
5CA	ELECTRICAL	5CA	7'-0"	3'-0"	D1	HM	F1	HM	11/A602	12/A602	NONE		12	
7A	CIP	7A	7'-0"	4'-0"	D4	WD	F1	HM	3/A602	4/A602	TEMP. SECURITY		17	
7A.1.1	HALLWAY	7A.1	7'-0"	4'-0"	D1	WD	F1	HM	1/A602	2/A602	NONE		01	
7A.1.2	HALLWAY	7A.1	7'-0"	4'-0"	D1	WD	F1	HM	1/A602	2/A602	NONE		01	
7A.2	RR	7A.2	7'-0"	4'-0"	D1	WD	F1	HM	1/A602	2/A602	NONE		04	
7B	CIP	7B	7'-0"	4'-0"	D4	WD	F1	HM	3/A602	4/A602	TEMP. SECURITY		24	
8HA.1	LIFE SKILLS	8HA	7'-0"	4'-0"	D4	WD	F1	HM	1/A602	2/A602	TEMP. SECURITY		25	
8HA.2	LIFE SKILLS	8HA	5'-2"	10'-0"	D6	ALUM	NA	PER MANUF.	PER MANUF.	PER MANUF.	NONE		15	MANUAL ROLL UP COUNTERTOP DOOR. PROVIDE LOGO ON CORRIDOR SIDE
8HA.3	LIFE SKILLS	8HA	7'-0"	4'-0"	D1	WD	F1	HM	3/A602	4/A602	NONE		29	ACOUSTICAL SEAL AROUND DOOR
8HAB	STORAGE	8HAB	7'-0"	3'-0"	D1	WD	F1	HM	1/A602	2/A602	NONE		26	
8HAC	RR	8HAC	7'-0"	4'-0"	D1	WD	F1	HM	1/A602	2/A602	NONE		04	
8HB.1	SPIRIT SHOP	8HB	7'-0"	4'-0"	D1	WD	F1	HM	3/A602	4/A602	NONE		24	
8HB.2	SPIRIT SHOP	8HB	5'-2"	10'-0"	D6	ALUM	NA	PER MANUF.	PER MANUF.	PER MANUF.	NONE		15	MANUAL ROLL UP COUNTERTOP DOOR. PROVIDE LOGO ON CORRIDOR SIDE
12A.1	ENSEMBLE	12A	7'-0"	6'-0"	D2	WD	F2	HM	3/A602	4/A602	NONE		14	ACOUSTICAL SEAL AROUND DOORS, NO MIDDLE MULLION, (2) 3' LEAVES
12A.2	ENSEMBLE	12A	7'-0"	3'-0"	D4	WD	F1	HM	1/A602	2/A602	TEMP. SECURITY		30	ACOUSTICAL SEAL AROUND DOOR
12AB.1	ORCHESTRA	12AB	7'-0"	6'-0"	D3	ALUM	SF-1	ALUM	2/A611	3/A611	TEMP. SECURITY, INSUL		28	ACOUSTICAL SEAL AROUND DOOR.
12AB.2	ORCHESTRA	12AB	7'-0"	8'-0"	D2	INSUL. HM	F4	HM	5/A602	6/A602	NONE		09	ACOUSTICAL SEAL AROUND DOORS, NO MIDDLE MULLION, (2) 3' LEAVES
12AC.1	OFFICE	12AC	7'-0"	3'-0"	D5	WD	F1	HM	1/A602	2/A602	TEMP. SECURITY, INSUL		06	ACOUSTICAL SEAL AROUND DOOR
12AC.2	OFFICE	12AC	7'-0"	3'-0"	D5	WD	F1	HM	1/A602	2/A602	TEMP. SECURITY, INSUL		06	ACOUSTICAL SEAL AROUND DOOR
12AD.1	STORAGE	12AD	7'-0"	6'-0"	D2	WD	F2	HM	1/A602	2/A602	NONE		20	ACOUSTICAL SEAL AROUND DOORS, NO MIDDLE MULLION, (2) 3' LEAVES
12AD.2	STORAGE	12AD	7'-0"	6'-0"	D2	WD	F2	HM	1/A602	2/A602	NONE		20	ACOUSTICAL SEAL AROUND DOORS, NO MIDDLE MULLION, (2) 3' LEAVES
12AE.1	STORAGE	12AE	7'-0"	6'-0"	D2	WD	F2	HM	1/A602	2/A602	NONE		20	ACOUSTICAL SEAL AROUND DOORS, NO MIDDLE MULLION, (2) 3' LEAVES
12AE.2	STORAGE	12AE	7'-0"	6'-0"	D2	WD	F2	HM	1/A602	2/A602	NONE		20	ACOUSTICAL SEAL AROUND DOORS, NO MIDDLE MULLION, (2) 3' LEAVES
12AF.1	BAND	12AF	7'-0"	6'-0"	D2	WD	F2	HM	1/A602	2/A602	NONE		14	ACOUSTICAL SEAL AROUND DOORS, NO MIDDLE MULLION, (2) 3' LEAVES
12AF.2	BAND	12AF	7'-0"	8'-0"	D2	INSUL. HM	F4	HM	5/A602	6/A602	NONE		27	ACOUSTICAL SEAL AROUND DOORS, NO MIDDLE MULLION, (2) 3' LEAVES
12AG.1	SHEET STORAGE	12AG	7'-0"	3'-0"	D1	WD	F1	HM	1/A602	2/A602	NONE		19	ACOUSTICAL SEAL AROUND DOOR
12AG.2	SHEET STORAGE	12AG	7'-0"	3'-0"	D1	WD	F1	HM	1/A602	2/A602	NONE		19	ACOUSTICAL SEAL AROUND DOOR
12AH	PRAC.	12AH	7'-0"	3'-0"	D5	HM	F1	HM	1/A602	2/A602	TEMP		23	ACOUSTICAL SEAL AROUND DOOR, WENGER DOOR
12AJ	PRAC.	12AJ	7'-0"	3'-0"	D5	HM	F1	HM	1/A602	2/A602	TEMP		23	ACOUSTICAL SEAL AROUND DOOR, WENGER DOOR
12AK	PRAC.	12AK	7'-0"	3'-0"	D5	HM	F1	HM	1/A602	2/A602	TEMP		23	ACOUSTICAL SEAL AROUND DOOR, WENGER DOOR
12AL	PRAC.	12AL	7'-0"	3'-0"	D5	HM	F1	HM	1/A602	2/A602	TEMP		23	ACOUSTICAL SEAL AROUND DOOR, WENGER DOOR
12AM	PRAC.	12AM	7'-0"	3'-0"	D5	HM	F1	HM	1/A602	2/A602	TEMP		23	ACOUSTICAL SEAL AROUND DOOR, WENGER DOOR
12AN	PRAC.	12AN	7'-0"	3'-0"	D5	HM	F1	HM	1/A602	2/A602	TEMP		23	ACOUSTICAL SEAL AROUND DOOR, WENGER DOOR
12AO	PRAC.	12AO	7'-0"	3'-0"	D5	HM	F1	HM	1/A602	2/A602	TEMP		23	ACOUSTICAL SEAL AROUND DOOR, WENGER DOOR
12E.1	3D ART	12E	7'-0"	4'-0"	D4	WD	F1	HM	3/A602	4/A602	TEMP. SECURITY		24	
12E.2	3D ART	12E	7'-0"	4'-0"	D4	WD	F1	HM	3/A602	4/A602	TEMP. SECURITY		24	
12EA	DATA	12EA	7'-0"	3'-0"	D1	HM	F1	HM	3/A602	4/A602	NONE		10	
12EB	STORAGE	12EB	7'-0"	3'-0"	D1	HM	F1	HM	1/A602	2/A602	NONE		26	
12EC	KILN	12EC	7'-0"	4'-0"	D1	INSUL. HM	F1	HM	1/A602	2/A602	NONE		18	
12JB	PANTRY	12JA	7'-0"	3'-0"	D1	WD	F1	HM	1/A602	2/A602	NONE		26	
12K	FOOD LAB	12K	7'-0"	3'-0"	D4	WD	F1	HM	1/A602	2/A602	TEMP. SECURITY		16	
15AC	RR	15AC	7'-0"	3'-0"	D1	WD	F1	HM	1/A602	2/A602	NONE		05	
15BC	RR	15BC	7'-0"	3'-0"	D1	WD	F1	HM	1/A602	2/A602	NONE		05	
17A.1	BOYS LOCKERS	17A	7'-0"	3'-0"	D1	FRP	F1	FRP	7/A602	8/A602	NONE		02	
17A.2	BOYS LOCKERS	17A	7'-0"	3'-0"	D1	FRP	F1	FRP	9/A602	10/A602	NONE		13	
17B.1	GIRLS LOCKERS	17B	7'-0"	3'-0"	D1	FRP	F1	FRP	7/A602	8/A602	NONE		02	
17B.2	GIRLS LOCKERS	17B	7'-0"	3'-0"	D1	FRP	F1	FRP	7/A602	8/A602	NONE		03	
382	MECHANICAL	382	7'-0"	6'-0"	D2	INSUL. HM	F2	HM	5/A602	6/A602	NONE		31	
385	MECHANICAL	385	7'-0"	6'-0"	D2	INSUL. HM	F2	HM	5/A602	6/A602	NONE		31	



13 DOOR AND FRAME ELEVATIONS
SCALE: 1/4" = 1'-0"

1 INTERIOR FINISH PLAN - FIRST FLOOR - UNIT A

SCALE: 1/8" = 1'-0" REF: 1 / A201



GENERAL FINISH PLAN NOTES

- A. PRIOR TO INSTALLATION OF NEW FINISHES CONTRACTOR SHALL INSPECT ALL SUBSTRATES. IF A SUBSTRATE IS DEEMED UNACCEPTABLE, THE CONTRACTOR SHALL REPAIR AS NECESSARY FOR SUBSTRATE TO ACCEPT NEW MATERIALS.
- B. CONTRACTOR TO VERIFY EXISTING CONDITIONS AND REPAIR ALL EXISTING WALLS, SLAB, AND CEILINGS TO A CONDITION SUITABLE FOR ACCEPTING NEW FINISHES AS PER MANUFACTURER'S RECOMMENDED INSTALLATION METHODS. MINIMUM LEVEL 4 FINISH ON EXISTING AND NEW WALLS, UNLESS NOTED OTHERWISE.
- C. ALL FLOORING TRANSITIONS TO COMPLY WITH ADA GUIDELINES AND TO OCCUR UNDER CENTER OF DOORWAYS, AND OR AT CENTERLINE OF WALL, UNLESS INDICATED DIFFERENTLY ON FINISH PLANS.
- D. CONTRACTOR TO PROVIDE PROTECTION AS NEEDED DURING CONSTRUCTION, IF ANY TO PRESERVE NEW FINISHES WHILE COMPLETING CONSTRUCTION.
- E. CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFICATION OF DIMENSIONS AND JOB CONDITIONS. ANY DEVIATION FROM WHAT IS INDICATED ON THE FINISH PLANS SHALL BE BROUGHT TO THE ATTENTION OF THE ARCHITECTS AND DESIGNERS.
- F. ALL DIMENSIONS SHOWN ARE TO FACE OF FINISH MATERIAL, UNLESS INDICATED OTHERWISE ON PLANS.
- G. WHERE WALLS ARE INDICATED TO RECEIVE PAINT FINISH, PAINT ALL PRIMED GRILLES, FIRE EXTINGUISHER CABINETS, AND OTHER ITEMS EMBEDDED IN WALL CONSTRUCTION TO MATCH SURFACE ON WHICH THEY OCCUR UNLESS NOTED OTHERWISE.
- H. CONTRACTOR TO PROVIDE DRYWALL REVEAL JOINT WHERE DRYWALL MEETS DISSIMILAR MATERIALS.
- I. CONTRACTOR TO PROVIDE SCHLUTER EDGE WHERE TILE MEETS DISSIMILAR MATERIALS.
- J. REFER TO FINISH MATERIAL LEGEND AND INTERIOR ELEVATIONS FOR FURTHER DETAILS.
- K. DO NOT INSTALL GYPSUM BOARD BEHIND TILE BACKER BOARD LOCATIONS.
- L. IF ONLY PAINT IS INDICATED AS THE FINISH, REFER TO ARCHITECTURAL FLOOR PLANS FOR SUBSTRATE INFORMATION.
- M. ALL MECHANICAL CLOSETS TO HAVE A SEALED CONCRETE FLOOR FINISH. PROVIDE RESILIENT REDUCER TO MATCH RB-1 UNDER CENTER OF DOORWAY.
- N. ALL WALLS AND CEILINGS TO BE PAINTED PT-1, UNLESS NOTED OTHERWISE.
- O. WHERE WINDOW SILLS ARE WITHIN SCOPE OF WORK, SILL TO BE SOLID SURFACE SS-2 UNLESS NOTED OTHERWISE.
- P. ALL HM DOOR FRAMES, NEW AND WITHIN THE SCOPE OF WORK, IN THEIR ENTIRETY ARE TO BE PAINTED PT-4 UNLESS NOTED OTHERWISE.
- Q. WHERE ALL SP-CON FINISH OCCURS, SURFACE IS TO BE CLEANED, PATCHED, AND PREPPED FOR SEAL AND POLISH.
- U. ALL RESTROOMS, LOCKER ROOMS, AND SHOWERS TO HAVE EPOXY PAINT.
- W. ALL COLUMNS TO BE PAINTED TO MATCH ADJACENT WALL FINISH, UNLESS NOTED OTHERWISE.



OUT OF SCOPE

PLAN NOTES - FINISH PLAN

1. WALL TILE WT-1 ON ALL WALL, UNLESS NOTED OTHERWISE. INSTALL FROM TOP OF BASE TO CEILING. FINISH ALL EDGES WITH SCHLUTER
2. PAINT PT-1
3. MUSICAL INSTRUMENT STORAGE SIMILAR TO WENGER ULTRASTOR STORAGE CABINETS
4. ALL WALLS TO RECEIVE ACOUSTICAL WALL PANELS AWP-3 FROM 4'-0" AFF TO 9'-0" AFF.
5. PAINT WALL AND INSTALL NEW WALL BASE TO MATCH EXISTING CORRIDOR FINISHES
6. EPOXY PAINT ON ALL WALLS IN THIS AREA
7. PAINT WALL TO MATCH EXISTING WALL PAINT. INSTALL AND PATCH WALL BASE AND EPOXY FLOORING TO MATCH EXISTING FLOORING AND WALL BASE. ASSESS EXISTING CONDITIONS AND MAKE ADDITIONAL PREPARATIONS TO ENSURE SEAMLESS TRANSITION TO NEW
8. PAINT PT-2
9. FRP PANEL ON WALLS ALONG MOP SINK. INSTALL FROM TOP OF BASE UP TO 4'-4" AFF. PAINT ABOVE
10. FINISH / PATCH FLOORING TO MATCH EXISTING CORRIDOR FLOORING
11. CORNERGUARD CG-1. FROM TOP OF BASE TO 7'-0" AFF
12. PAINT PT-4
13. EXISTING EPOXY FLOORING TO REMAIN. INSTALL NEW CARPET AROUND AND FINISH WITH TRANSITION TO MATCH CPT-2
14. PAINT EXISTING CONCRETE BENCH WITH EPOXY PAINT, PT-5
15. 4' X 6' CUSTOM VINYL GRAPHIC ON COILING DOOR. DESIGN TO BE COORDINATED DIRECTLY WITH OWNER
16. PAINT PT-3
17. VESTIBULE: NEW PAINT PT-1, WALL BASE RB-1, FLOORING WOM-1

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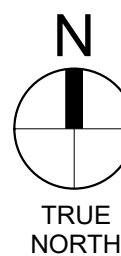
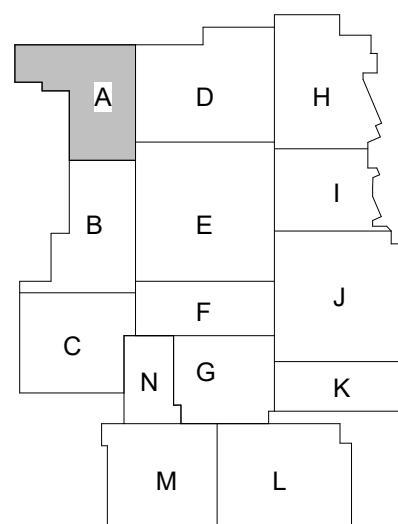
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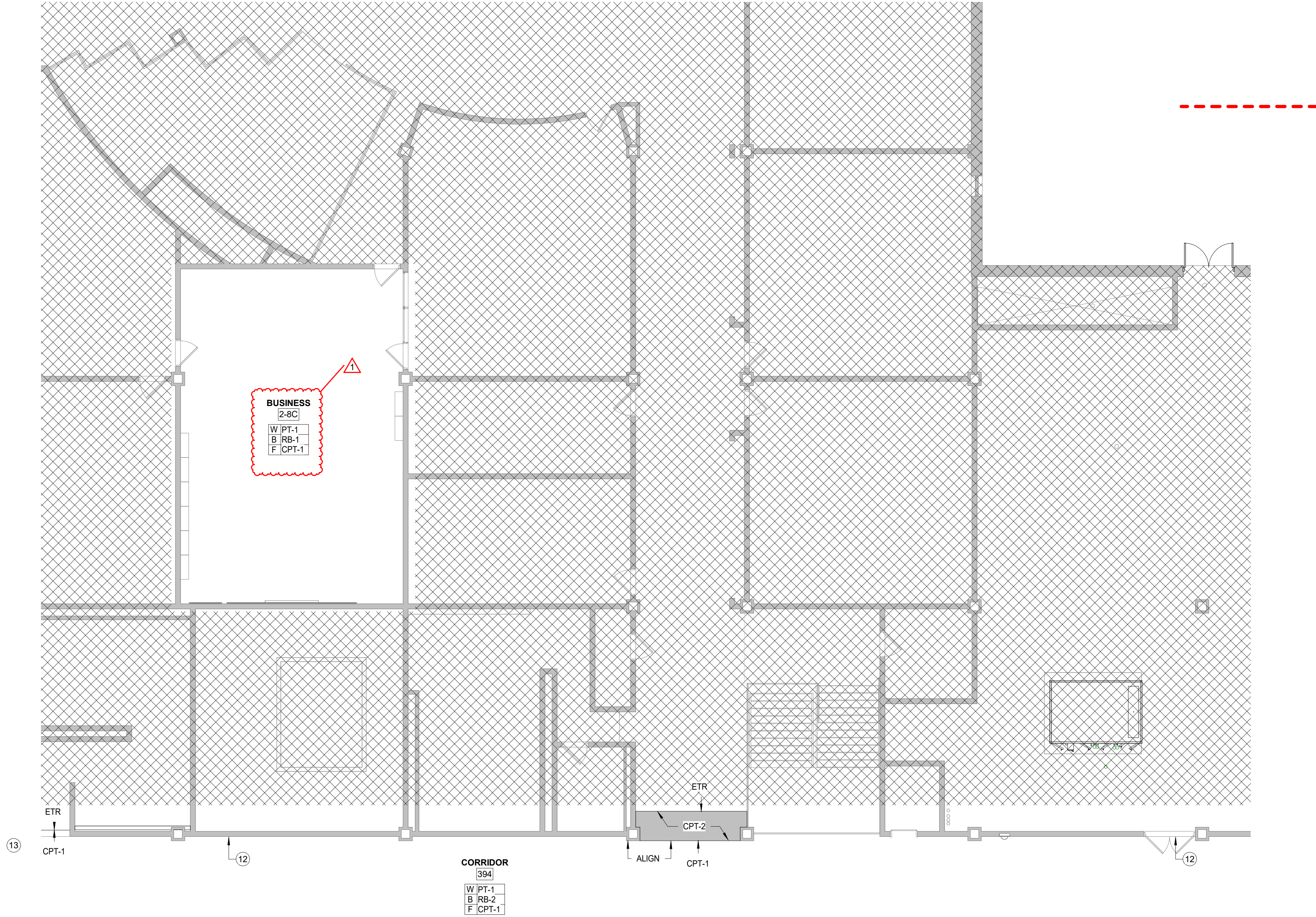
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INTERIOR
FINISH PLAN -
FIRST FLOOR -
UNIT A



A721A



1 INTERIOR FINISH PLAN - UNIT SECOND FLOOR - UNIT E
SCALE: 1/8" = 1'-0" REF: 4 / A201

GENERAL FINISH PLAN NOTES

- A. PRIOR TO INSTALLATION OF NEW FINISHES CONTRACTOR SHALL INSPECT ALL SUBSTRATES. IF A SUBSTRATE IS DEEMED UNACCEPTABLE, THE CONTRACTOR SHALL REPAIR AS NECESSARY FOR SUBSTRATE TO ACCEPT NEW MATERIALS.
- B. CONTRACTOR TO VERIFY EXISTING CONDITIONS AND REPAIR ALL EXISTING WALLS, SLAB, AND CEILINGS TO A CONDITION SUITABLE FOR ACCEPTING NEW FINISHES AS PER MANUFACTURER'S RECOMMENDED INSTALLATION METHODS. MINIMUM LEVEL 4 FINISH ON EXISTING AND NEW WALLS, UNLESS NOTED OTHERWISE.
- C. ALL FLOORING TRANSITIONS TO COMPLY WITH ADA GUIDELINES AND TO OCCUR UNDER CENTER OF DOORWAYS, AND OR AT CENTERLINE OF WALL, UNLESS INDICATED DIFFERENTLY ON FINISH PLANS.
- D. CONTRACTOR TO PROVIDE PROTECTION AS NEEDED DURING CONSTRUCTION, IF ANY TO PRESERVE NEW FINISHES WHILE COMPLETING CONSTRUCTION.
- E. CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFICATION OF DIMENSIONS AND JOB CONDITIONS. ANY DEVIATION FROM WHAT IS INDICATED ON THE FINISH PLANS SHALL BE BROUGHT TO THE ATTENTION OF THE ARCHITECTS AND DESIGNERS.
- F. ALL DIMENSIONS SHOWN ARE TO FACE OF FINISH MATERIAL, UNLESS INDICATED OTHERWISE ON PLANS.
- G. WHERE WALLS ARE INDICATED TO RECEIVE PAINT FINISH, PAINT ALL PRIMED GRILLES, FIRE EXTINGUISHER CABINERS, AND OTHER ITEMS EMBEDDED IN WALL CONSTRUCTION TO MATCH SURFACE ON WHICH THEY OCCUR UNLESS NOTED OTHERWISE.
- H. CONTRACTOR TO PROVIDE DRYWALL REVEAL JOINT WHERE DRYWALL MEETS DISSIMILAR MATERIALS.
- I. CONTRACTOR TO PROVIDE SCHLUTER EDGE WHERE TILE MEETS DISSIMILAR MATERIALS.
- J. REFER TO FINISH MATERIAL LEGEND AND INTERIOR ELEVATIONS FOR FURTHER DETAILS.
- K. DO NOT INSTALL GYPSUM BOARD BEHIND TILE BACKER BOARD LOCATIONS.
- L. IF ONLY PAINT IS INDICATED AS THE FINISH, REFER TO ARCHITECTURAL FLOOR PLANS FOR SUBSTRATE INFORMATION.
- M. ALL MECHANICAL CLOSETS TO HAVE A SEALED CONCRETE FLOOR FINISH. PROVIDE RESILIENT REDUCER TO MATCH RB-1 UNDER CENTER OF DOORWAY.
- N. ALL WALLS AND CEILINGS TO BE PAINTED PT-1, UNLESS NOTED OTHERWISE.
- O. WHERE WINDOW SILLS ARE WITHIN SCOPE OF WORK, SILL TO BE SOLID SURFACE SS-2 UNLESS NOTED OTHERWISE.
- P. ALL HM DOOR FRAMES, NEW AND WITHIN THE SCOPE OF WORK, IN THEIR ENTIRETY ARE TO BE PAINTED PT-4 UNLESS NOTED OTHERWISE.
- Q. WHERE ALL SP-CON FINISH OCCURS, SURFACE IS TO BE CLEANED, PATCHED, AND PREPPED FOR SEAL AND POLISH.
- U. ALL RESTROOMS, LOCKER ROOMS, AND SHOWERS TO HAVE EPOXY PAINT.
- W. ALL COLUMNS TO BE PAINTED TO MATCH ADJACENT WALL FINISH, UNLESS NOTED OTHERWISE.



PLAN NOTES - FINISH PLAN

- WALL TILE WT-1 ON ALL WALL, UNLESS NOTED OTHERWISE. INSTALL FROM TOP OF BASE TO CEILING. FINISH ALL EDGES WITH SCHLUTER
- PAINT PT-1
- MUSICAL INSTRUMENT STORAGE SIMILAR TO WENGER ULTRASTOR STORAGE CABINETS.
- ALL WALLS TO RECEIVE ACOUSTICAL WALL PANELS AWP-3 FROM 4'-0" AFF TO 9'-0" AFF.
- PAINT WALL AND INSTALL NEW WALL BASE TO MATCH EXISTING CORRIDOR FINISHES
- EPOXY PAINT ON ALL WALLS IN THIS AREA
- PAINT WALL TO MATCH EXISTING WALL PAINT. INSTALL AND PATCH WALL BASE AND EPOXY FLOORING TO MATCH EXISTING FLOORING AND WALL BASE. ASSESS EXISTING CONDITIONS AND MAKE ADDITIONAL PREPARATIONS TO ENSURE SEAMLESS TRANSITION TO NEW
- PAINT PT-2
- FRP PANEL ON WALLS ALONG MOP SINK. INSTALL FROM TOP OF BASE UP TO 4'-4" AFF. PAINT ABOVE
- FINISH PATCH FLOORING TO MATCH EXISTING CORRIDOR FLOORING
- CORNERGUARD CG-1. FROM TOP OF BASE TO 7'-0" AFF
- PAINT PT-4
- EXISTING EPOXY FLOORING TO REMAIN. INSTALL NEW CARPET AROUND AND FINISH WITH TRANSITION TO MATCH CPT-2.
- PAINT EXISTING CONCRETE BENCH WITH EPOXY PAINT. PT-5
- 4' X 8' CUSTOM VINYL GRAPHIC ON COILING DOOR. DESIGN TO BE COORDINATED DIRECTLY WITH OWNER
- PAINT PT-3
- VESTIBULE: NEW PAINT PT-1, WALL BASE RB-1, FLOORING WOM-1

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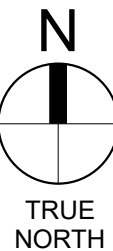
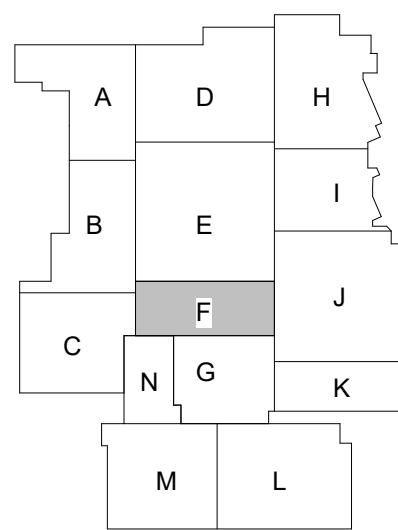


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	1	09-11-2025	Addendum 001

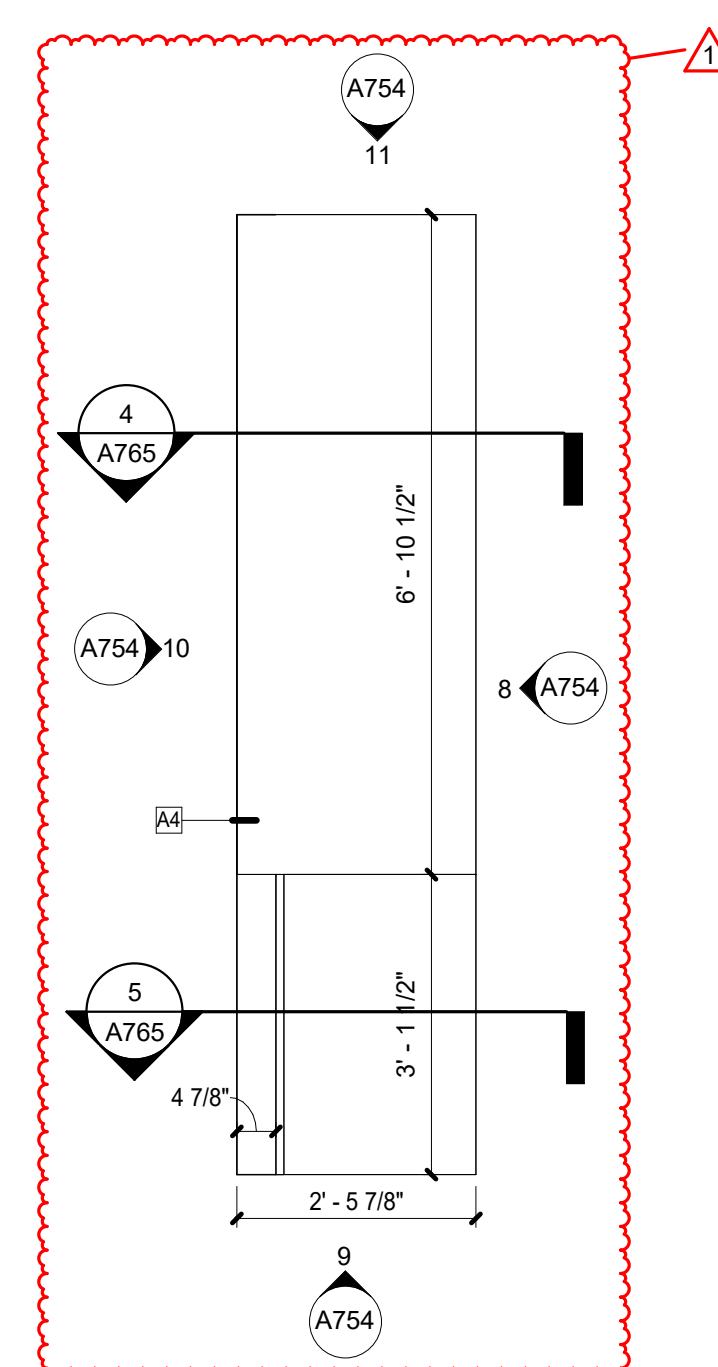
100% CONSTRUCTION DOCUMENTS
PROJECT: #24173P
DATE: 08-21-2025
DRAWN BY: Author

INTERIOR
FINISH PLAN -
SECOND FLOOR
- UNIT E

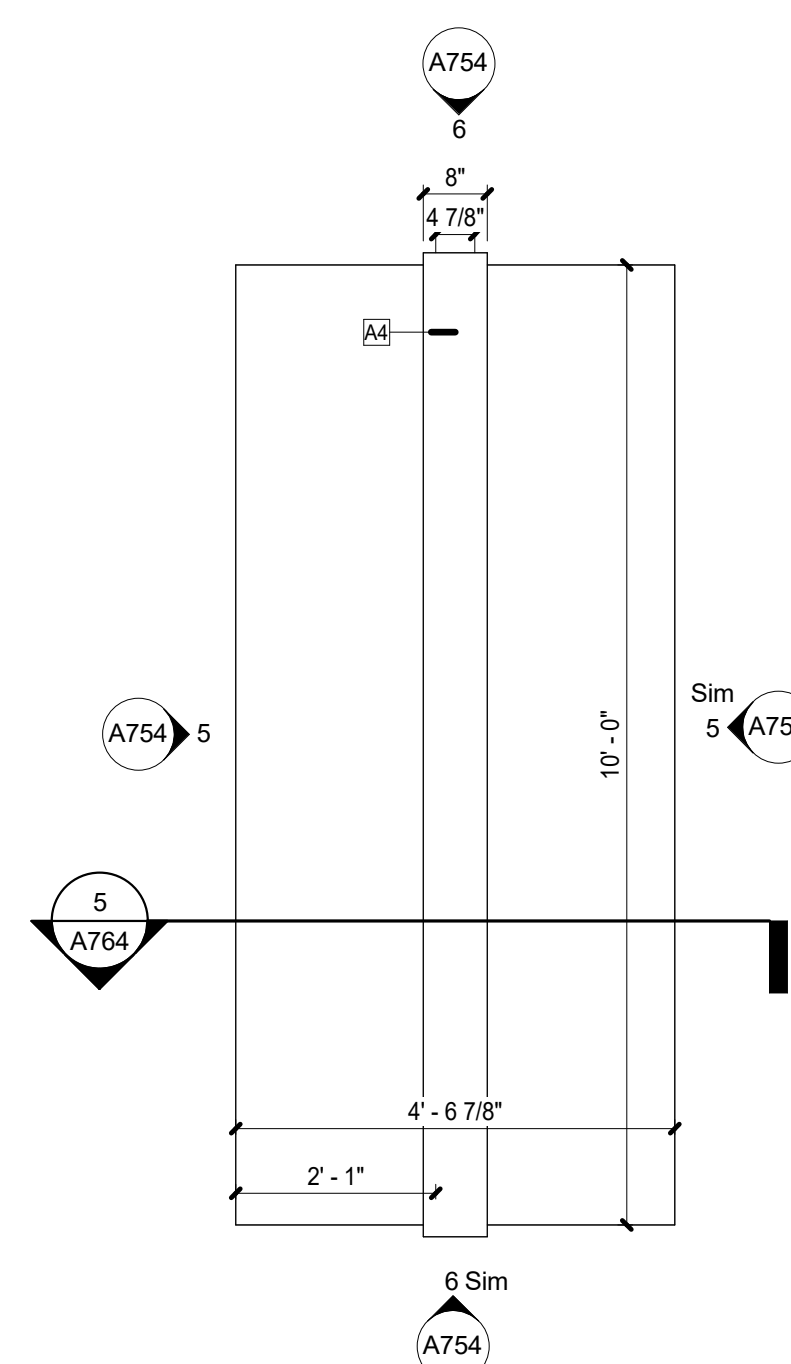
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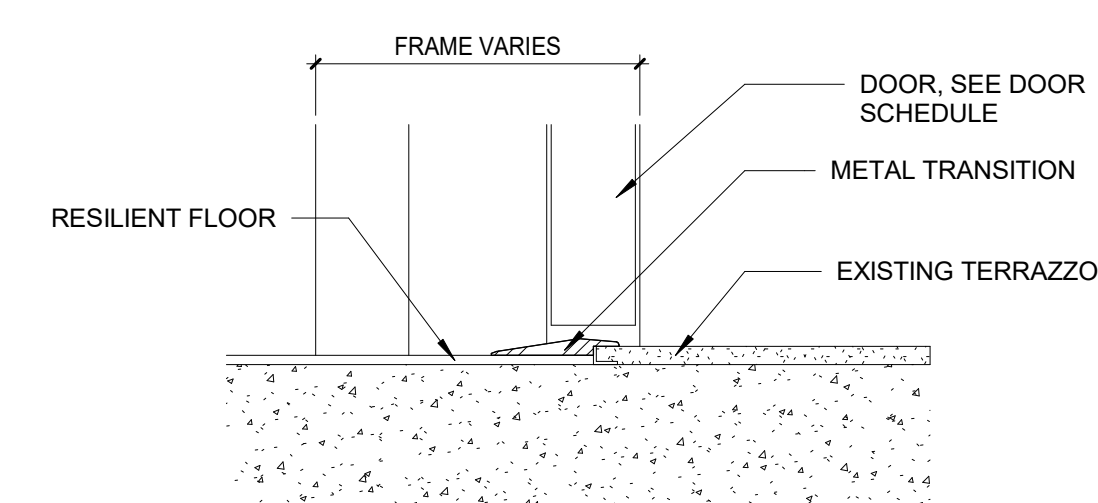
LANCER ASSOCIATES
ARCHITECTURE
145 N EAST ST.
INDIANAPOLIS, IN 46204



9 ENLARGED TEACHER DEMONSTRATION
SCALE: 1/2" = 1'-0" REF. 1 / A101A

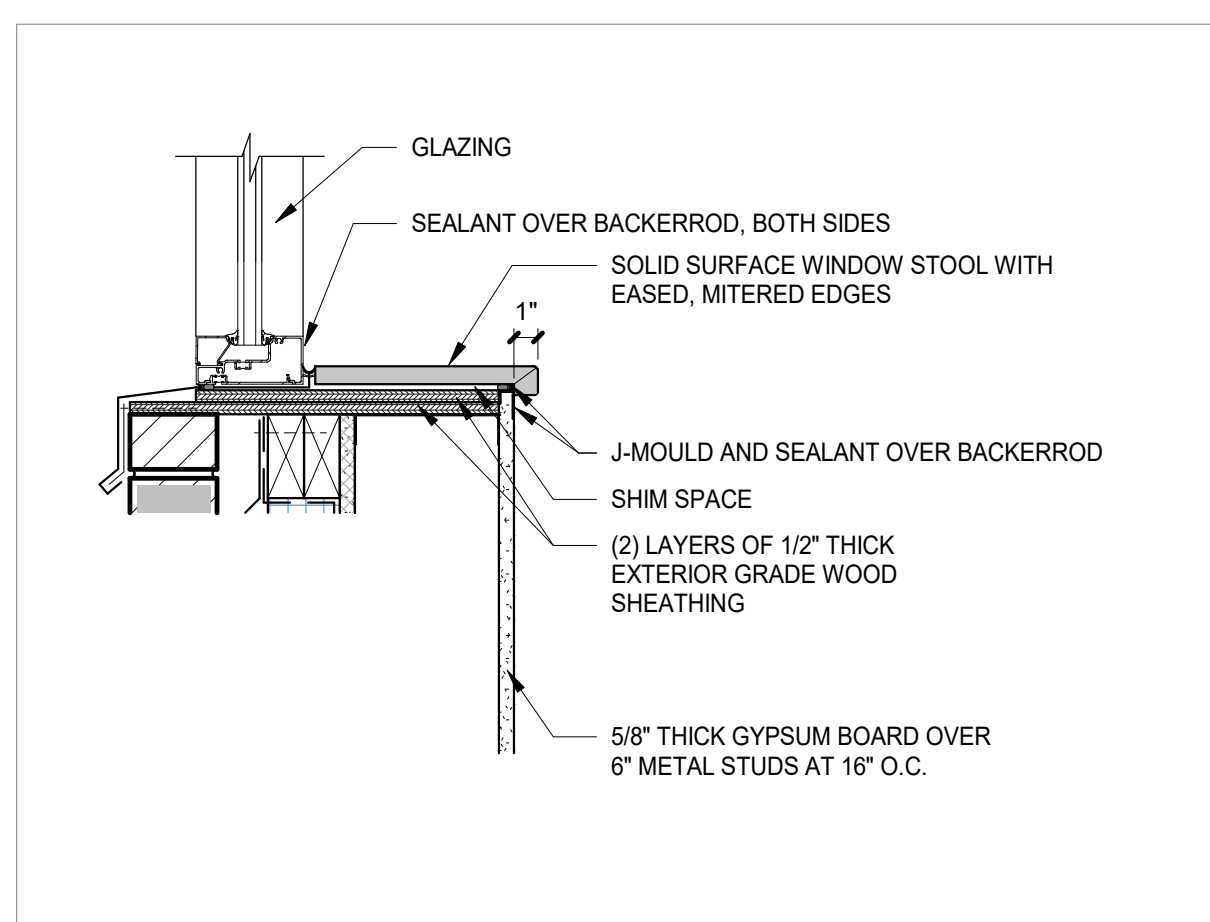


8 ENLARGED TYP. FOODLAB ISLAND
SCALE: 1/2" = 1'-0" REF. 1 / A101A



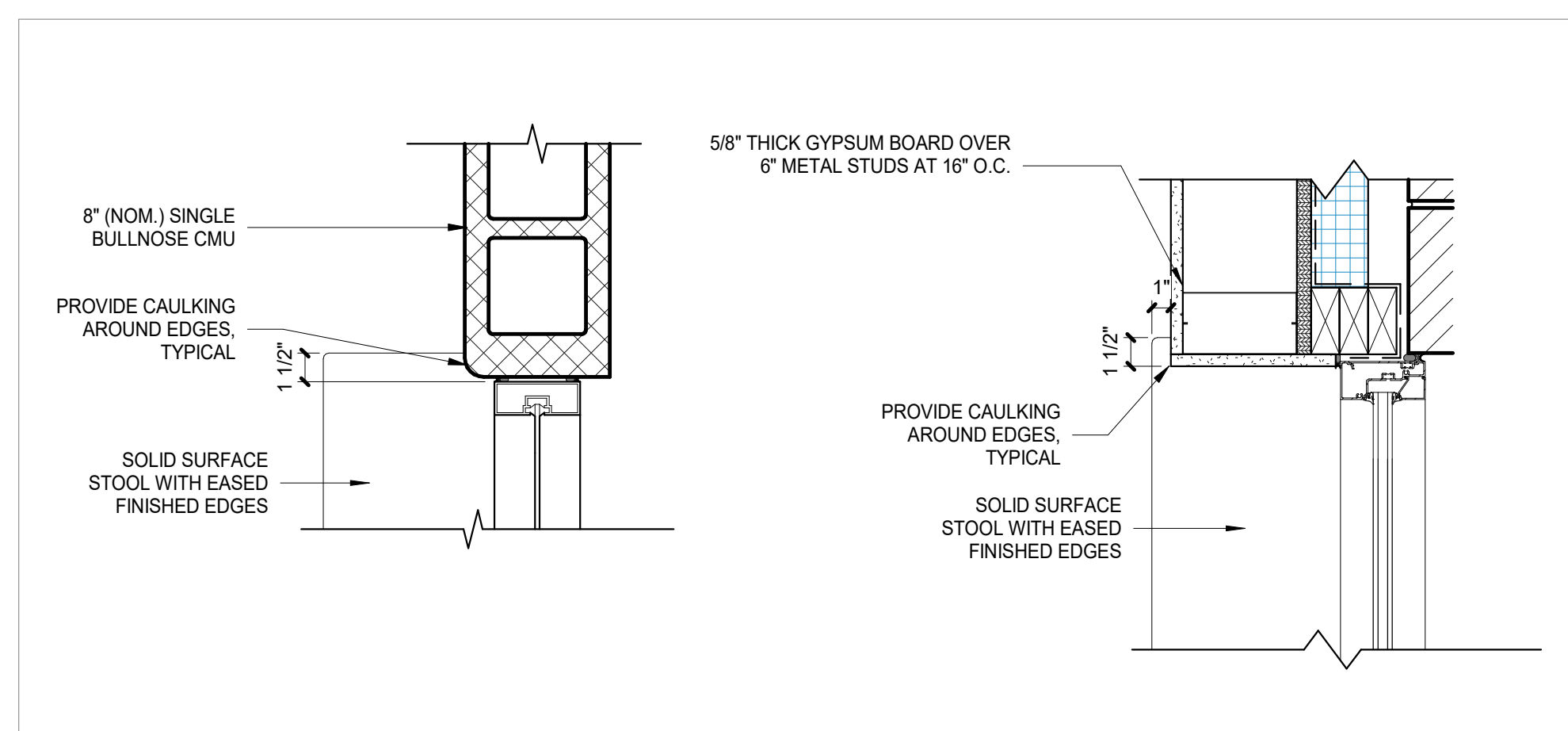
7 DETAIL- RESILIENT FLOOR TO EXIST. TERRAZZO
SCALE: 3" = 1'-0"

SECTION VIEW

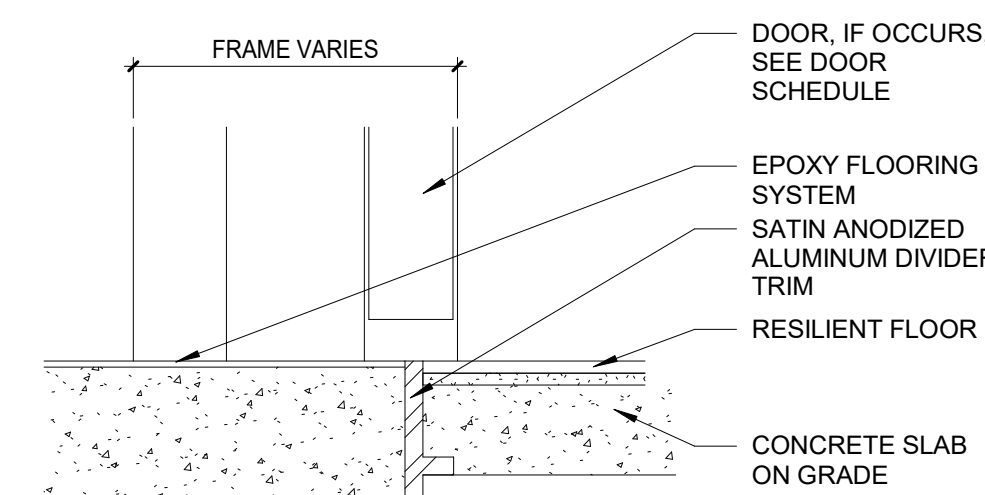


6 INTERIOR WINDOW SILL DETAIL TYPICAL

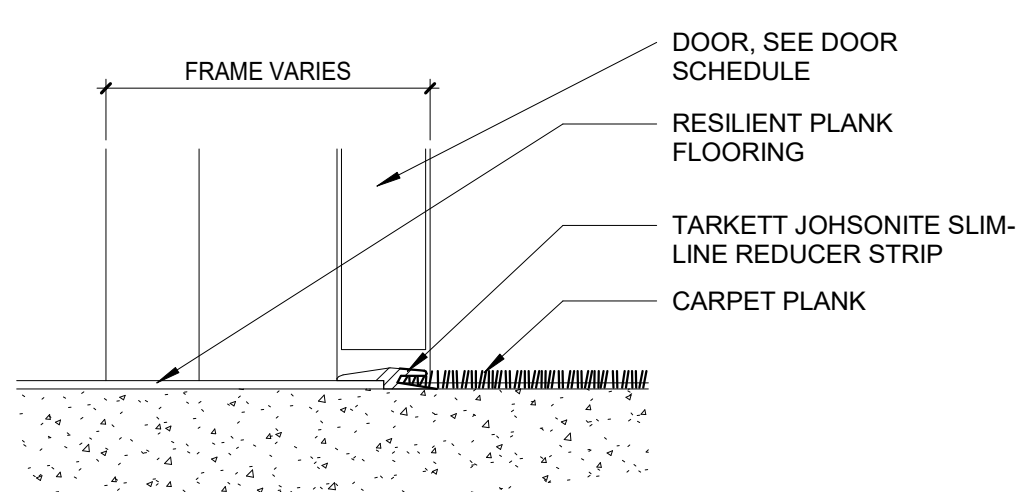
PLAN VIEW



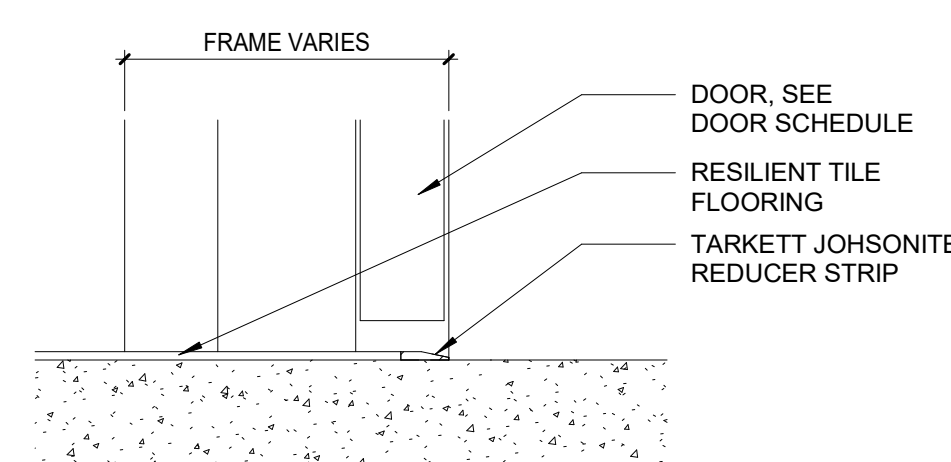
5 DETAIL-EPOXY TO RESILIENT



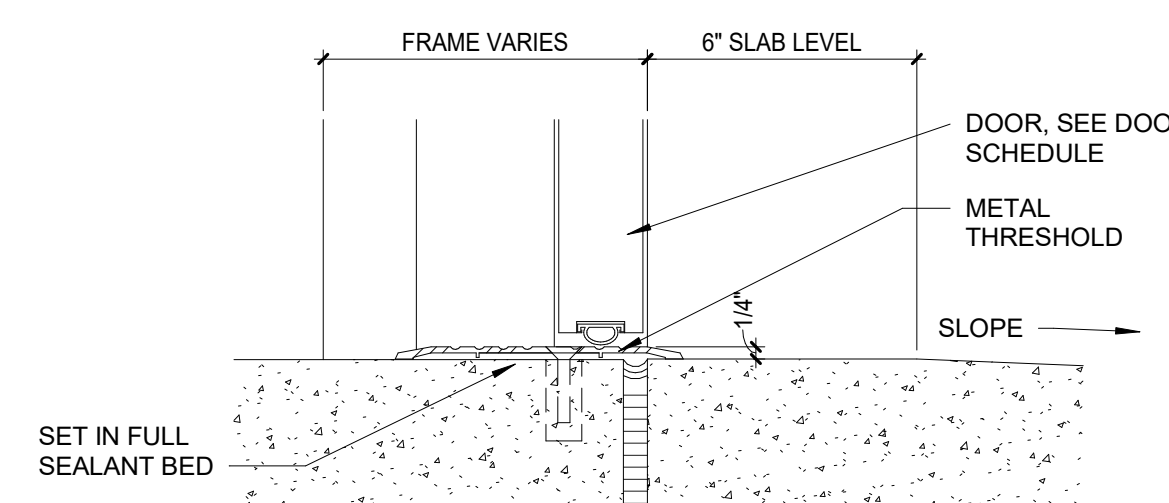
DETAIL-RESILIENT FLOOR TO CARPET



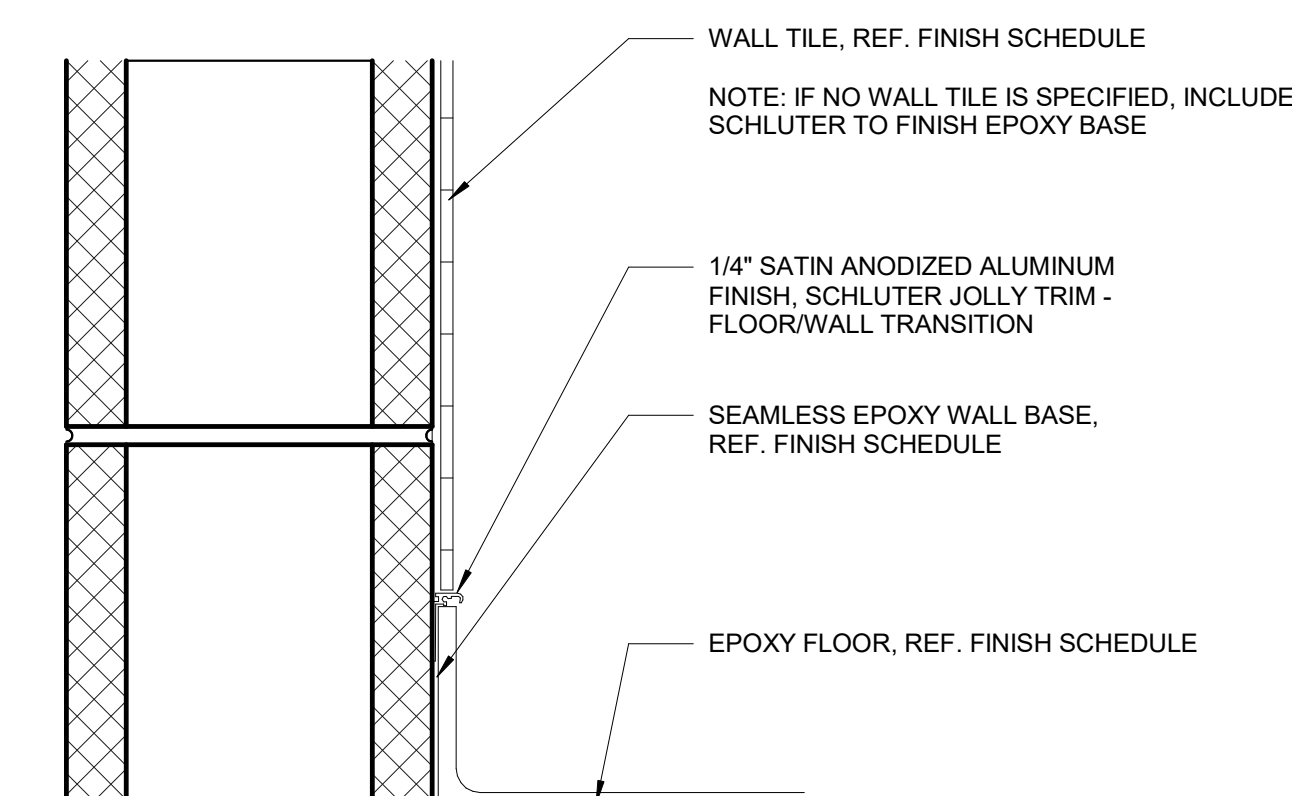
3 DETAIL-RESILIENT FLOOR TO CONCRETE



2 DETAIL- EXT. CONCRETE TO CONCRETE



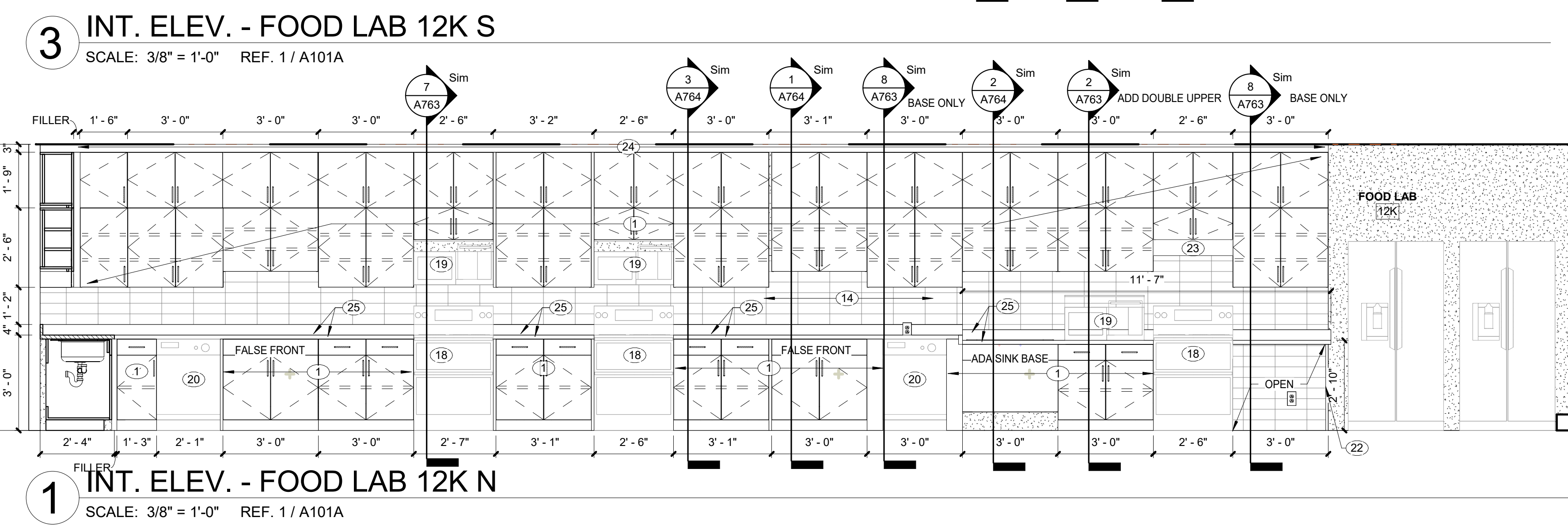
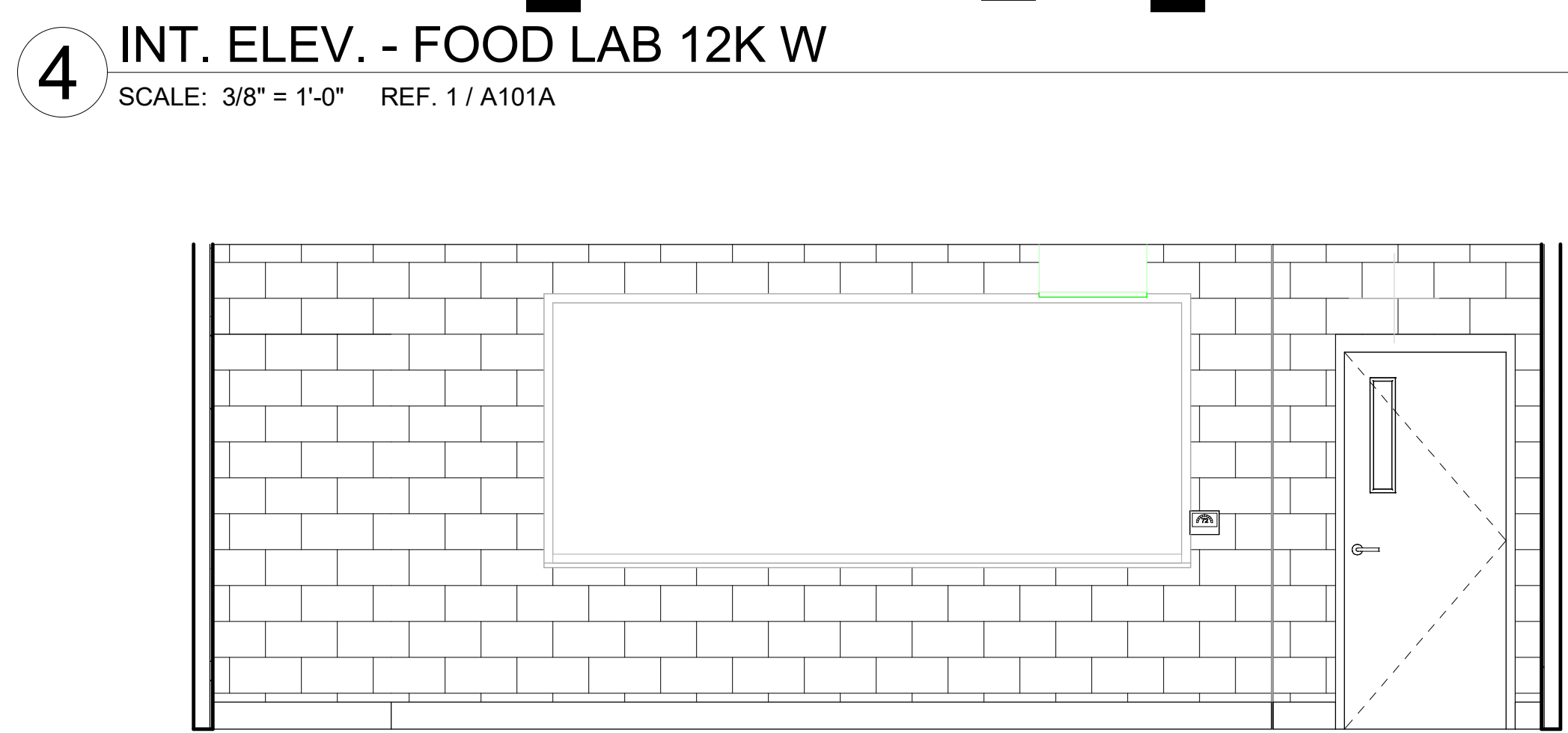
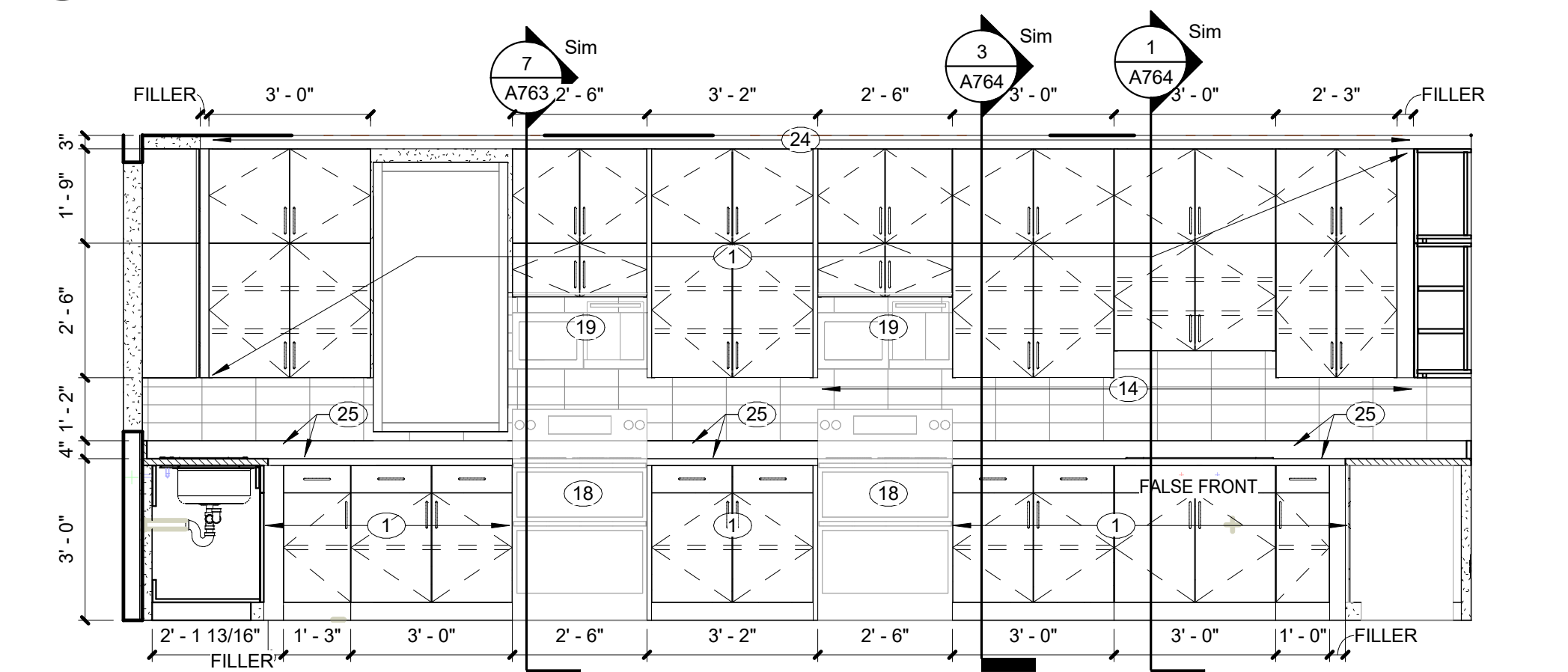
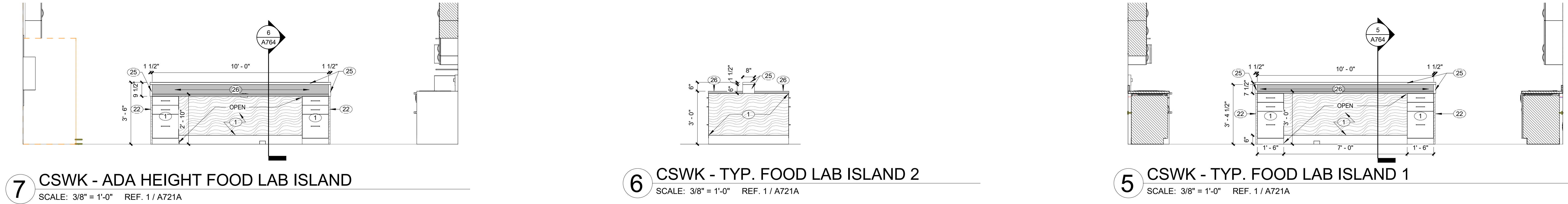
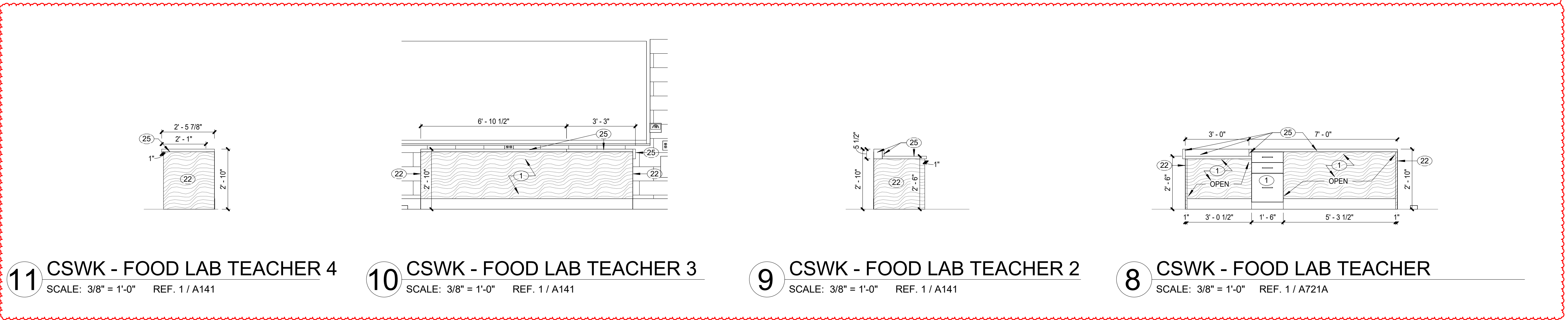
1 DETAIL - EPOXY BASE TO WALL TILE



GENERAL CASEWORK NOTES	
1. FABRICATE WOODWORK/ MILLWORK ITEMS TO ACTUAL FIELD DIMENSIONS. CONTRACTOR SHALL SUBMIT FOR DESIGNERS APPROVALS SHOP DRAWING SAMPLES OR MANUFACTURER'S LITERATURE FOR ALL ITEMS. SHOP DRAWINGS SHALL SHOW SUFFICIENT DETAIL TO DETERMINE COMPLIANCE WITH STANDARDS AND DESIGN INTENT.	5. ALL PULLS TO BE 4" SATIN NICKEL SOLID WIRE PULL
2. PROVIDE ALL NECESSARY FURRING AND GROUNDS FOR WOODWORK AND FINISH ITEMS. COORDINATE LOCATION OF BLOCKING WITHIN FRAMED WALLS AS NECESSARY FOR ITEMS TO BE SECURED TO SURFACE. ALL FASTENERS SHALL BE CONCEALED.	6. PROVIDE LOCKS FOR ALL STORAGE CASE CABINETS/ TALL STORAGE CABINETS, ALL DRAWERS AND DOORS. ALL UPPER WALL CABINETS AND ALL DISPLAY CASE SLIDING GLASS PANELS.
3. FINISH ALL SIDES AND BACK OF MILLWORK CASEWORK	7. ALL PLASTIC LAMINATE SURFACES ON EXTERIOR OF CABINETS SHALL BE A STANDARD COLOR AS LISTED ON THE FINISH LEGEND: PL-1
4. PROVIDE GROMMETS IN COUNTERTOPS ABOVE ALL ELECTRICAL RECEPTICALS AND TELEPHONE DATA ROUTINGS.	8. ALL INTERIORS BEHIND DOORS/ DRAWERS AND NOT VISIBLE SHALL BE WHITE.
	9. ALL SOLID SURFACE COUNTERTOPS SHALL BE A STANDARD COLOR AS LISTED ON FINISH LEGEND: SS-1
	10. SEE ELEC. DWGS FOR ELECTRICAL DEVICES.

GENERAL NOTES - INTERIOR ELEVATIONS	
A. CONTRACTOR TO PROVIDE SCHLUTER EDGE WHERE TILE MEETS DISSIMILAR MATERIALS. REFER TO FINISH MATERIAL LEGEND AND INTERIOR ELEVATIONS FOR FURTHER DETAILS.	
B. DO NOT INSTALL GYPSUM BOARD BEHIND TILE BACKER BOARD LOCATIONS.	
C. CONTRACTOR TO PROVIDE DRYWALL REVEAL JOINT WHERE DRYWALL MEETS DISSIMILAR MATERIALS.	
D. CONTRACTOR TO PROVIDE SCHLUTER EDGE WHERE TILE MEETS DISSIMILAR MATERIALS. REFER TO FINISH MATERIAL LEGEND AND INTERIOR ELEVATIONS FOR FURTHER DETAILS.	
E. IF ONLY PAINT IS INDICATED AS THE FINISH, REFER TO ARCHITECTURAL FLOOR PLANS FOR SUBSTRATE INFORMATION.	
F. CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFICATION OF DIMENSIONS AND JOB CONDITIONS. ANY DEVIATION FROM WHAT IS INDICATED ON THE FINISH PLANS SHALL BE BROUGHT TO THE ATTENTION OF THE ARCHITECTS AND DESIGNERS.	
G. ALL DIMENSIONS SHOWN ARE TO FACE OF FINISH MATERIAL, UNLESS INDICATED OTHERWISE ON PLANS.	
H. ALL EXPOSED METAL SURFACES, SUCH AS GRILLES, FIRE EXTINGUISHER CABINETS, ETC., THAT ARE NOTED TO BE PAINTED ARE TO BE PAINTED MATCH WALL COLOR.	
I. ALL WALLS TO BE PAINTED PT-1, UNLESS NOTED OTHERWISE.	

- ELEVATION NOTES - INTERIOR
1. PLASTIC LAMINATE PL-1
 2. SOLID SURFACE SS-1
 3. TALL CABINET WITH (5) ADJUSTABLE SHELVES
 4. ACOUSTICAL WALL DIFFUSER PANEL
 5. ACOUSTICAL WALL ABSORBER PANEL
 6. INDUSTRIAL DEEP BASIN SINK WITH CLAY TRAP
 7. SPRAY BOOTH
 8. WARDROBE CABINET WITH ROD AND SHELF
 9. MUSICAL INSTRUMENT STORAGE SIMILAR TO WENGER ULTRASTOR STORAGE CABINETS. PLASTIC LAMINATE PL-1 (REFER TO FINISH LEGEND)
 10. WALL-MOUNTED MONITOR
 11. EPOXY SURFACE TOP AND BACKSPLASH, SS-2
 12. PAINT WALL TO MATCH EXISTING WALL FINISH
 13. PROVIDE FINISHED EDGE PANEL TO MATCH INSTRUMENT STORAGE. PLASTIC LAMINATE PL-1 (REFER TO FINISH LEGEND)
 14. WALL TILE WT-1 AT THIS LOCATION. FINISH ALL EDGES WITH SCHLUTER JOLLY TRIM. REFER TO FINISH LEGEND.
 15. SLAT WALL PANELS
 16. LARGE DRYING CABINET - STEEL FRAME WITH STEEL MESH
 17. LARGE DAMP-PROOF CABINET
 18. RANGE. OWNER FURNISHED, CONTRACTOR INSTALLED
 19. WALL MOUNTED MICROWAVE OVEN WITH EXHAUST HOOD. OWNER FURNISHED, CONTRACTOR INSTALLED
 20. DISHWASHER - OWNER FURNISHED, CONTRACTOR INSTALLED
 21. TYPE II ACOUSTICAL WALL DIFFUSER PANEL
 22. PLASTIC LAMINATE PL-1 FINISHED EDGE PANEL.
 23. VENT HOOD ABOVE RANGE.
 24. PROVIDE FINISHED PL-1 FILLER. WRAP SIDES AS NECESSARY.
 25. SOLID SURFACE SS-3. EASED AND MITERED EDGES. REFER TO FINISH LEGEND.
 26. STAINLESS STEEL, COUNTERTOP, STS-1. REFER TO FINISH LEGEND.
 27. PLASTIC LAMINATE PL-2
 28. 4'-0" W X 7'-0" H INSTALLED MIRRORS.
 29. FREE STANDING MICROWAVE. OWNER PROVIDED, OWNER INSTALLED
 30. REFRIGERATOR. OWNER FURNISHED, CONTRACTOR INSTALLED
 31. UNDER CABINET RANGE HOOD. OWNER FURNISHED, CONTRACTOR INSTALLED
 32. NEW WINDOW SOLID SURFACE WINDOW SILL SS-1
 33. AWP-1 FINISH
 34. AWP-2 FINISH



PERRY TOWNSHIP SCHOOLS
PERRY MERIDIAN HS PHASE II RENO (VOL 2)
401 W MERIDIAN SCHOOL RD,
INDIANAPOLIS, IN 46217



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#	Date Desc.
1	09-11-2026 Addendum 001

100% CONSTRUCTION DOCUMENTS
PROJECT: #24173P
DATE: 09-21-2026
DRAWN BY: Author
INTERIOR AND CASEWORK ELEVATIONS

A754

GENERAL CASEWORK NOTES

1. FABRICATE WOODWORK/ MILLWORK ITEMS TO ACTUAL FIELD DIMENSIONS. CONTRACTOR SHALL SUBMIT FOR DESIGNERS APPROVALS SHOP DRAWING SAMPLES OR MANUFACTURER'S LITERATURE FOR ALL ITEMS. SHOP DRAWINGS SHALL SHOW SUFFICIENT DETAIL TO DETERMINE COMPLIANCE WITH STANDARDS AND DESIGN INTENT.

2. PROVIDE ALL NECESSARY Furring AND GROUNDS FOR WOODWORK AND FINISH ITEMS. COORDINATE LOCATION OF BLOCKING WITHIN FRAMED WALLS AS NECESSARY FOR ITEMS TO BE SECURED TO SURFACE. ALL FASTENERS SHALL BE CONCEALED.

3. FINISH ALL SIDES AND BACK OF MILLWORK/ CASEWORK

4. PROVIDE GROMMETS IN COUNTERTOPS ABOVE ALL ELECTRICAL RECEPTALS AND TELEPHONE DATA ROUTINGS.
5. ALL PULLS TO BE 4" SATIN NICKEL SOLID WIRE PULL

6. PROVIDE LOCKS FOR ALL STORAGE CASE CABINETS/ TALL STORAGE CABINETS, ALL DRAWERS AND DOORS. ALL UPPER WALL CABINETS AND ALL DISPLAY CASE SLIDING GLASS PANELS.

7. ALL PLASTIC LAMINATE SURFACES ON EXTERIOR OF CABINETS SHALL BE A STANDARD COLOR AS LISTED ON THE FINISH LEGEND, PL-1

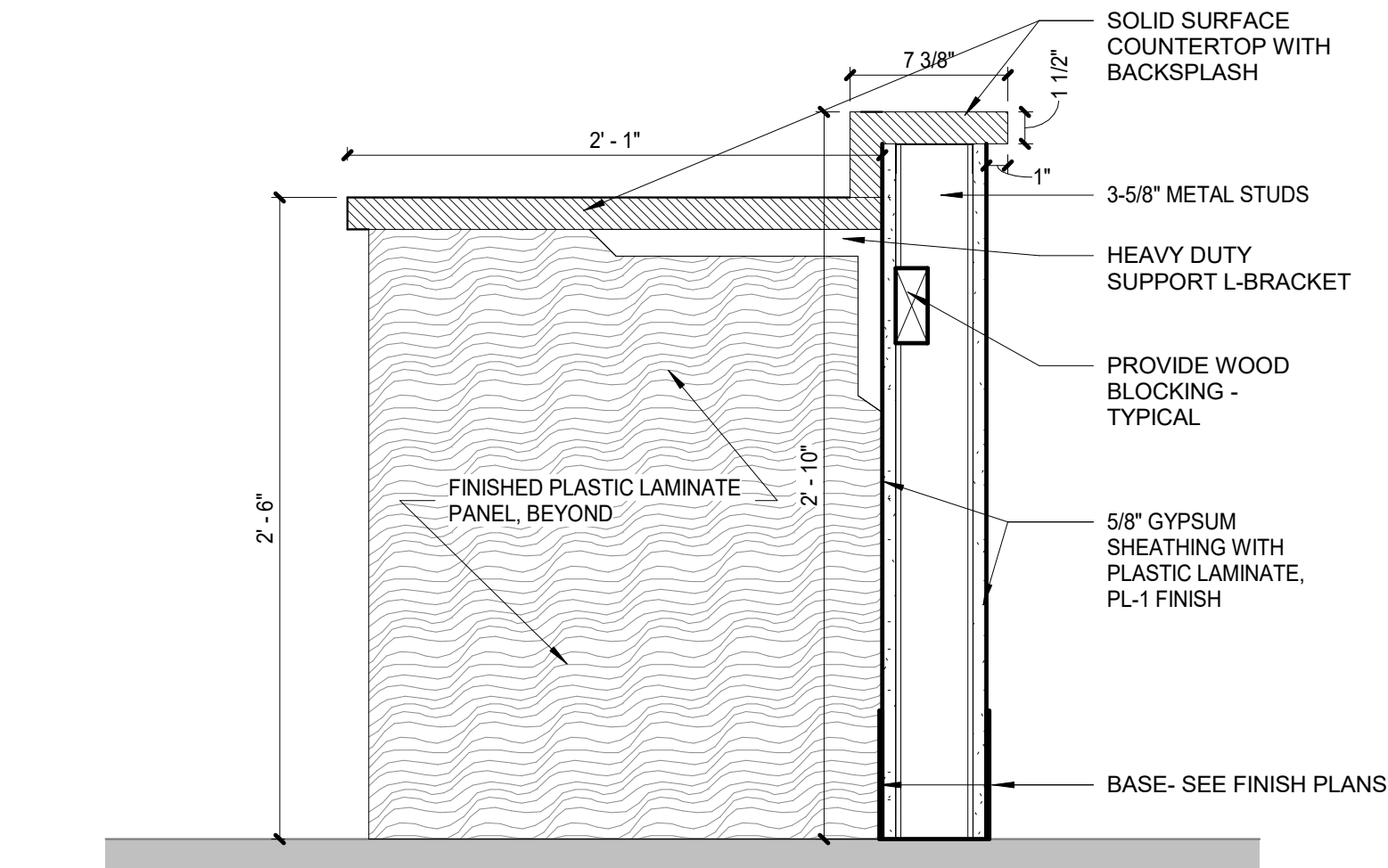
8. ALL INTERIORS BEHIND DOORS/ DRAWERS AND NOT VISIBLE SHALL BE WHITE.

9. ALL SOLID SURFACE COUNTERTOPS SHALL BE A STANDARD COLOR AS LISTED ON FINISH LEGEND: SS-1

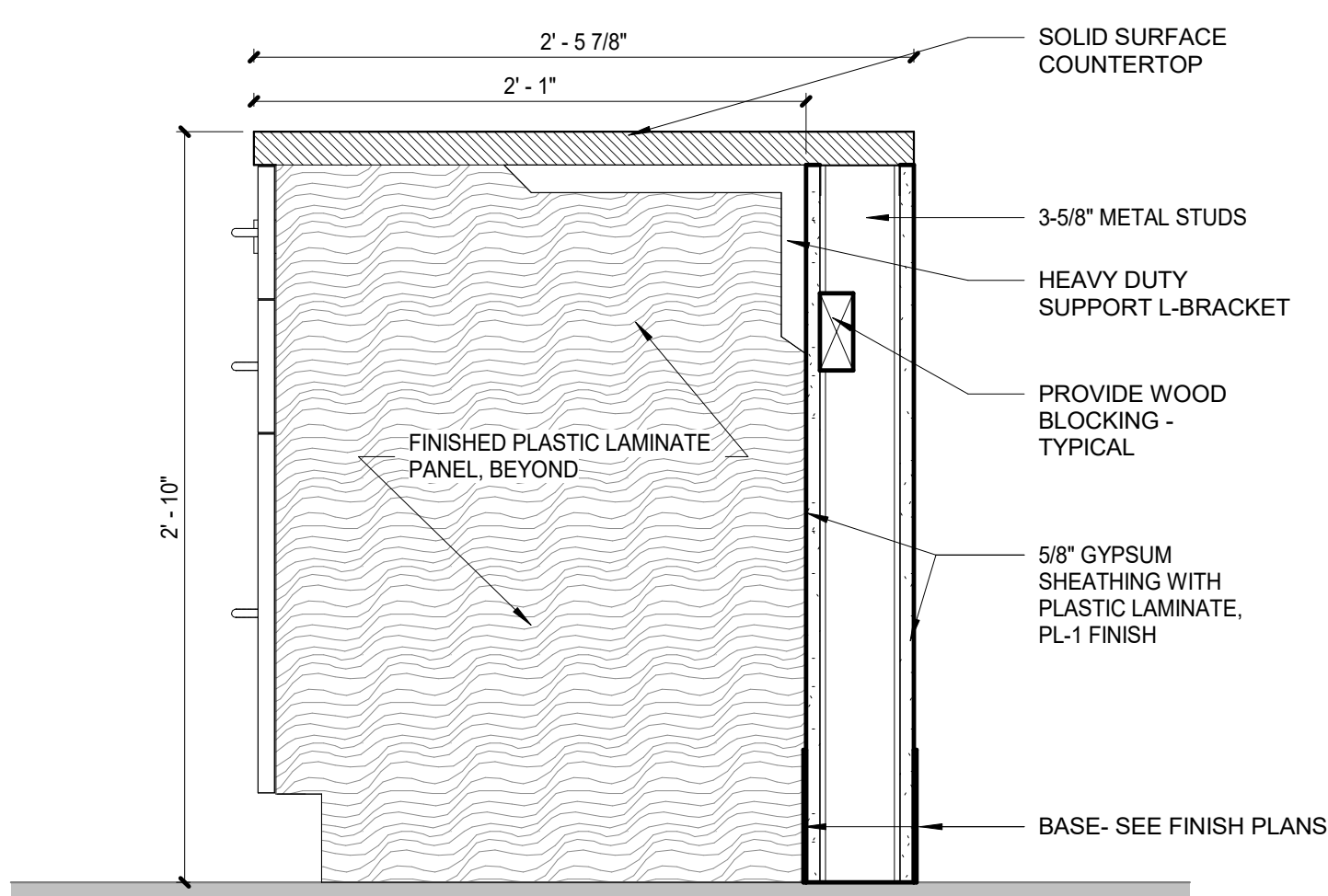
10. SEE ELEC. DWGS FOR ELECTRICAL DEVICES.

ELEVATION NOTES - INTERIOR

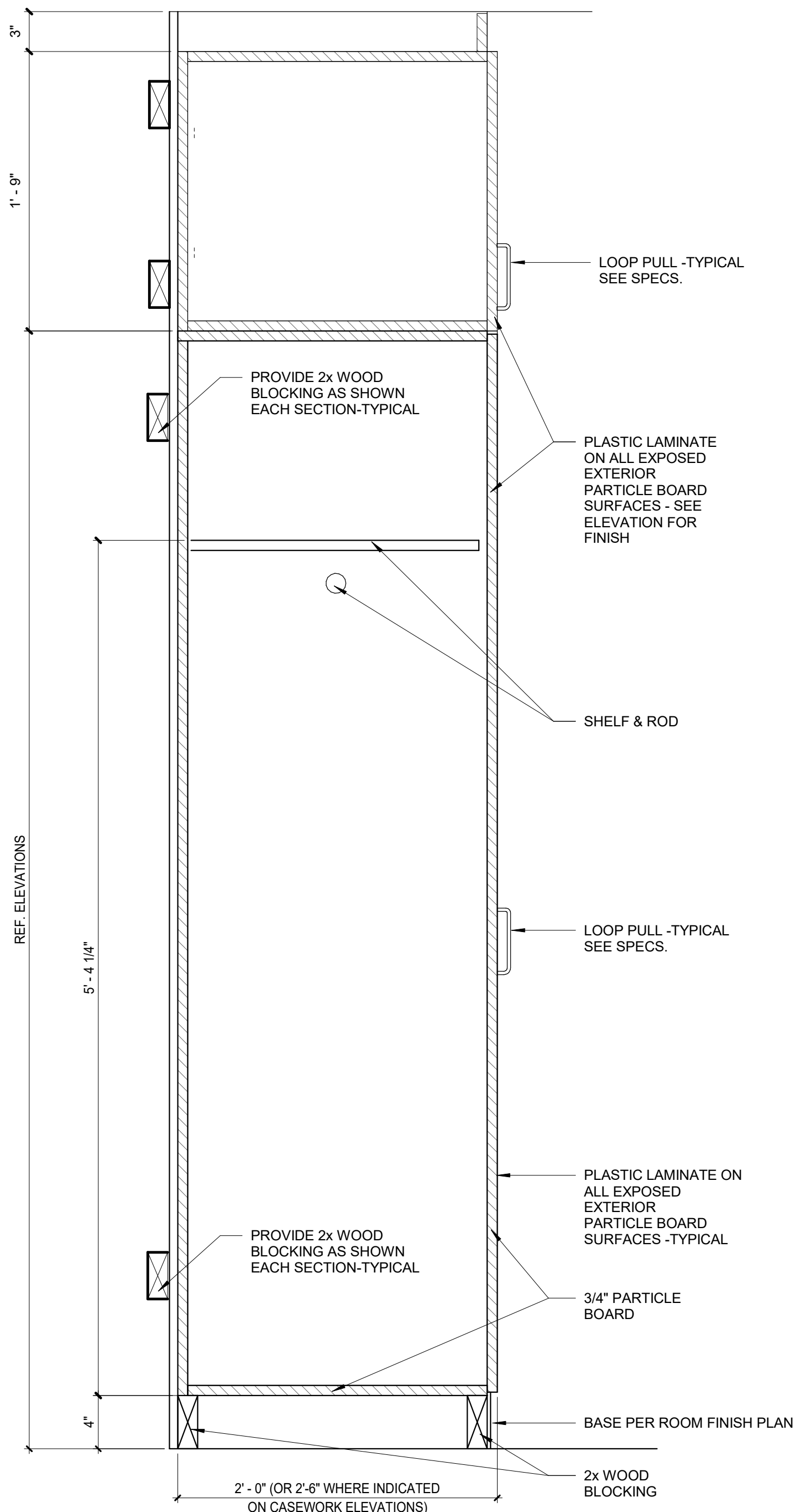
1. PLASTIC LAMINATE PL-1
2. SOLID SURFACE SS-1
3. TALL CABINET WITH (5) ADJUSTABLE SHELVES
4. ACOUSTICAL WALL DIFFUSER PANEL
5. ACOUSTICAL WALL ABSORBER PANEL
6. INDUSTRIAL DEEP BASIN SINK WITH CLAY TRAP
7. SPRAY BOOTH
8. WARDROBE CABINET WITH ROD AND SHELF
9. MUSICAL INSTRUMENT STORAGE SIMILAR TO WENGER ULTRASTOR STORAGE CABINETS, PLASTIC LAMINATE PL-1 (REFER TO FINISH LEGEND)
10. WALL-MOUNTED MONITOR
11. EPOXY SURFACE TOP AND BACKSPLASH, SS-2
12. PAINT WALL TO MATCH EXISTING WALL FINISH
13. PROVIDE FINISHED EDGE PANEL TO MATCH INSTRUMENT STORAGE. PLASTIC LAMINATE PL-1 (REFER TO FINISH LEGEND)
14. WALL TILE WT-1 AT THIS LOCATION. FINISH ALL EDGES WITH SCHLUTER JOLLY TRIM. REFER TO FINISH LEGEND.
15. SLAT WALL PANELS
16. LARGE DRYING CABINET - STEEL FRAME WITH STEEL MESH
17. LARGE DAMP-PROOF CABINET
18. RANGE, OWNER FURNISHED, CONTRACTOR INSTALLED
19. WALL MOUNTED MICROWAVE OVEN WITH EXHAUST HOOD, OWNER FURNISHED, CONTRACTOR INSTALLED
20. DISHWASHER - OWNER FURNISHED, CONTRACTOR INSTALLED
21. TYPE II ACOUSTICAL WALL DIFFUSER PANEL
22. PLASTIC LAMINATE PL-1 FINISHED EDGE PANEL.
23. VENT HOOD ABOVE RANGE
24. PROVIDE FINISHED PL-1 FILLER. WRAP SIDES AS NECESSARY.
25. SOLID SURFACE SS-3. EASED AND MITERED EDGES. REFER TO FINISH LEGEND.
26. STAINLESS STEEL COUNTERTOP, STS-1. REFER TO FINISH LEGEND.
27. PLASTIC LAMINATE PL-2
28. 4'-0" W X 7'-0" H INSTALLED MIRRORS.
29. FREE STANDING MICROWAVE, OWNER PROVIDED, OWNER INSTALLED
30. REFRIGERATOR, OWNER FURNISHED, CONTRACTOR INSTALLED
31. UNDER CABINET RANGE HOOD, OWNER FURNISHED, CONTRACTOR INSTALLED
32. NEW WINDOW SOLID SURFACE WINDOW SILL SS-1
33. AWP-1 FINISH
34. AWP-2 FINISH



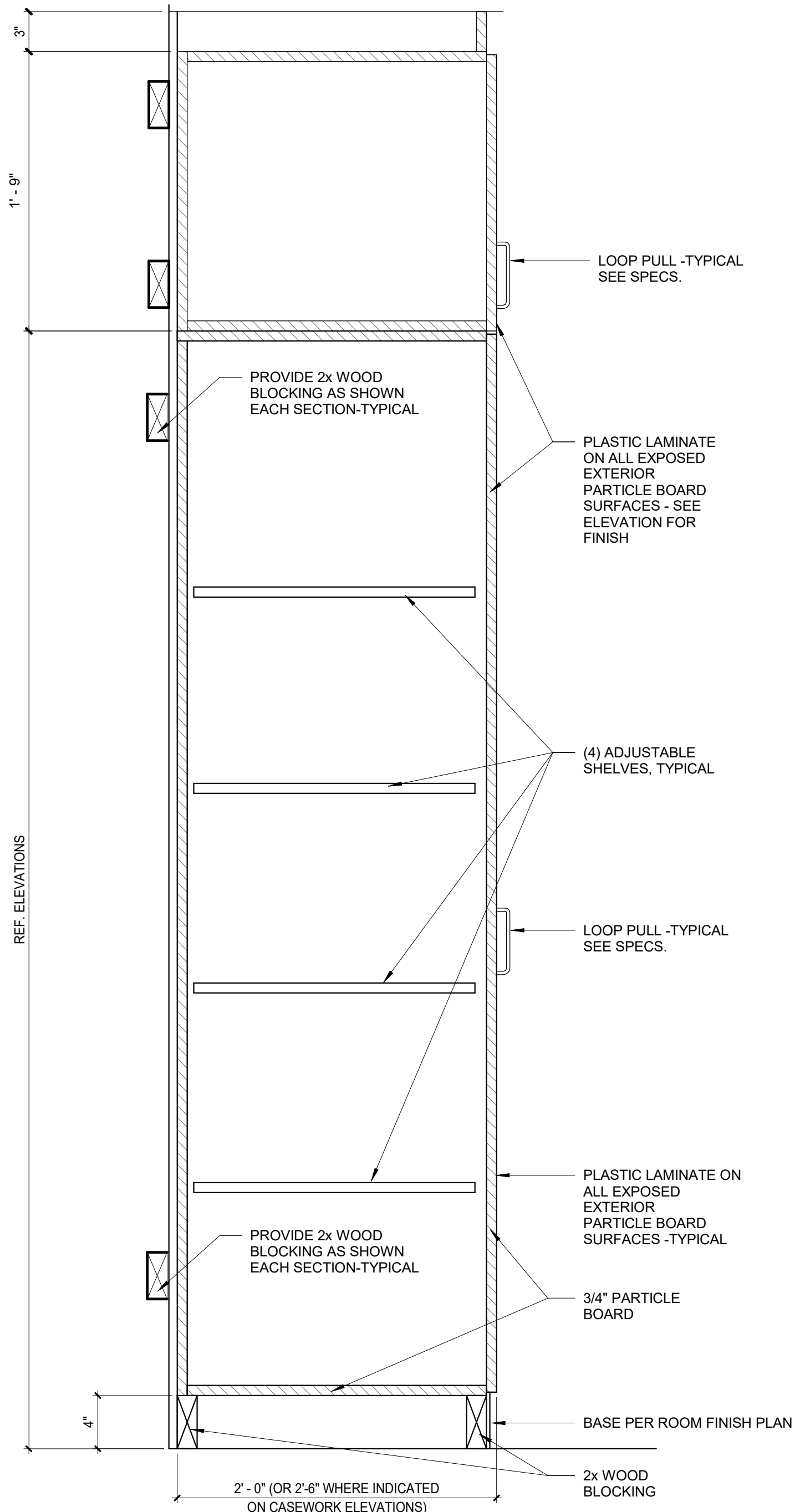
5 CSWK - FOOD LAB TEACHER 2
SCALE: 1 1/2" = 1'-0" REF. 9 / A731



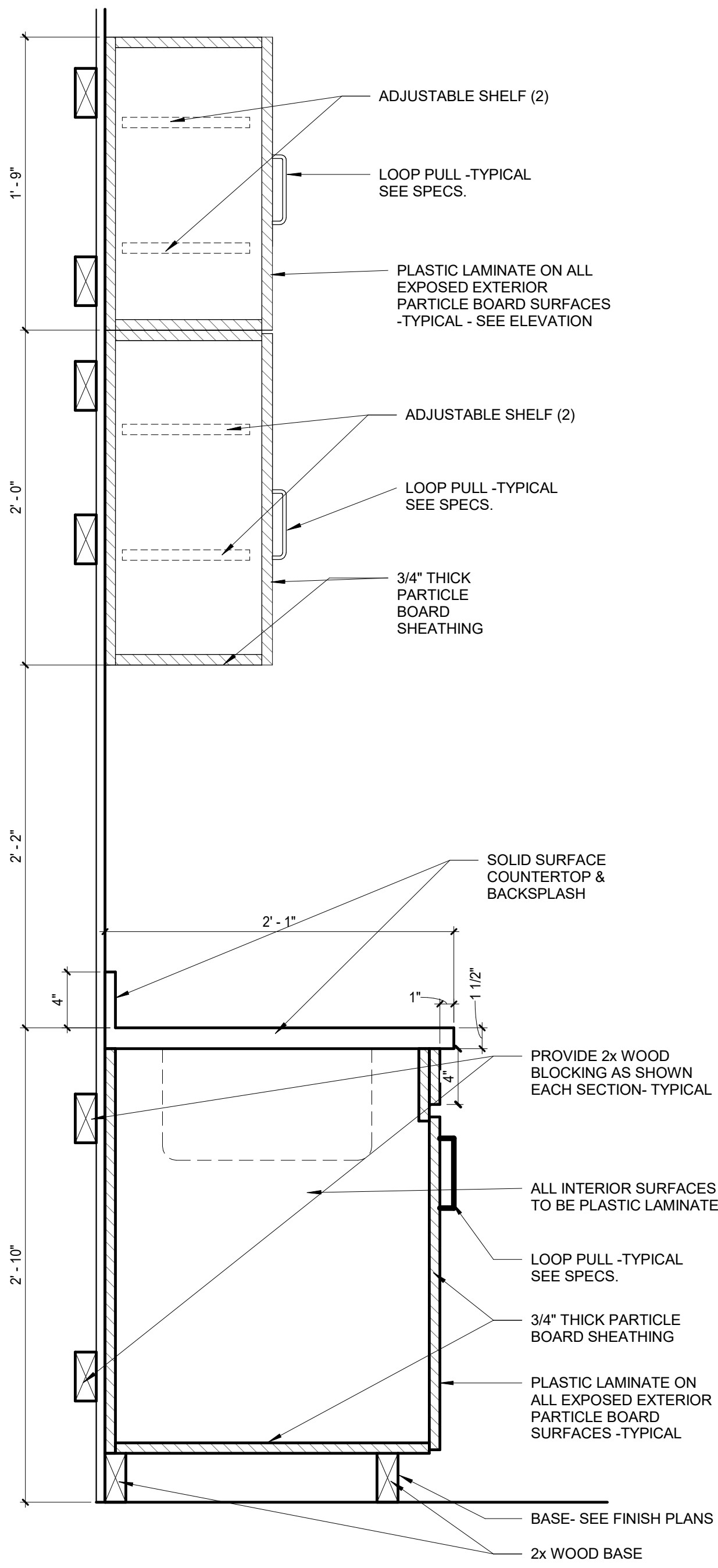
4 CSWK - FOOD LAB TEACHER 1
SCALE: 1 1/2" = 1'-0" REF. 9 / A731



3 CSWK - WARDROBE CABINET W/ UPPER
SCALE: 1 1/2" = 1'-0" REF. 6 / A761



2 CSWK - TALL CABINET W/ UPPER
SCALE: 1 1/2" = 1'-0" REF. 6 / A761



1 CSWK - 2'-10" AFF FALSE FRONT
SCALE: 1 1/2" = 1'-0" REF. 2 / A761

PERRY TOWNSHIP SCHOOLS
PERRY MERIDIAN HS PHASE II RENO (VOL 2)
401 W MERIDIAN SCHOOL RD,
INDIANAPOLIS, IN 46217



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		1	09-11-2026	Addendum 001

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PROJECT: #24173P
DATE: 09-21-2026
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CASEWORK SECTIONS

A765

- GENERAL DEMOLITION NOTES**
- A DARK DASHED LINES INDICATE EXISTING MECHANICAL EQUIPMENT, DUCTWORK, PIPING, AND/OR MECHANICAL ACCESSORIES DEMOLISHED COMPLETE. CONTRACTOR TO FIELD VERIFY ACTUAL EXISTING CONDITIONS PRIOR TO BIDDING AND DEMOLITION. CONTRACTOR TO INCLUDE ALL COST TO REMOVE ITEMS MADE OBSOLETE DUE TO NEW HVAC WORK.
- B LIGHT SOLID LINES INDICATE EXISTING MECHANICAL EQUIPMENT, DUCTWORK, PIPING, AND/OR MECHANICAL ACCESSORIES TO REMAIN AS-IS. CONTRACTOR TO FIELD VERIFY ACTUAL EXISTING CONDITIONS PRIOR TO DEMOLITION AND BIDDING.
- DEMOLITION HVAC PLAN NOTES**
- 1 REMOVE FAN POWERED VAV TERMINAL UNIT AND ASSOCIATED HANGERS AND SUPPORTS.
 - 2 REMOVE SPACE TEMPERATURE SENSOR AND CONTROL WIRING COMPLETE.
 - 3 REMOVE EXHAUST DUCT, INCLUDING ALL REGISTERS, GRILLES, HANGERS, AND SUPPORTS COMPLETE BACK TO EXHAUST FAN ON ROOF.
 - 4 DISCONNECT EXHAUST DUCT FROM HOOD OVER RANGE. REMOVE RANGE HOOD COMPLETE.
 - 5 REMOVE ALL SUPPLY DIFFUSERS, FLEXIBLE DUCT, LOW PRESSURE SUPPLY DUCT AND INSULATION AND DUCT HANGERS AND SUPPORTS COMPLETE TO POINT INDICATED.
 - 6 AIR HANDLING UNIT REMAINS. PREPARE SUPPLY DUCT FOR CONNECTION OF NEW DUCT.
 - 7 REMOVE RETURN AIR GRILLE AND RETURN BOOT COMPLETE.
 - 8 FAN POWERED VAV TERMINAL UNIT REMAINS. PREPARE UNIT FOR CONNECTION OF NEW DUCT.
 - 9 REMOVE SUPPLY DUCT COMPLETE UP TO AHU ON MEZZANINE.
 - 10 REMOVE SUPPLY GRILLE, RETURN DUCT, AND DUCT INSULATION COMPLETE.
 - 11 REMOVE MEDIUM PRESSURE DUCT, DUCT INSULATION, AND DUCT HANGERS AND SUPPORTS COMPLETE.
 - 12 REMOVE MEDIUM PRESSURE DUCT COMPLETE UP THROUGH FLOOR TO AHU ABOVE.
 - 13 REMOVE PIPING, PIPING INSULATION, AND HANGERS AND SUPPORTS COMPLETE TO POINT INDICATED.
 - 14 REMOVE SUPPLY CEILING DIFFUSER AND FLEXIBLE DUCT COMPLETE TO POINT INDICATED.
 - 15 REMOVE CABINET UNIT HEATER COMPLETE. DISCONNECT HEATING WATER PIPING AND REMOVE TO POINT INDICATED. PREPARE PIPING FOR CONNECTION OF NEW.

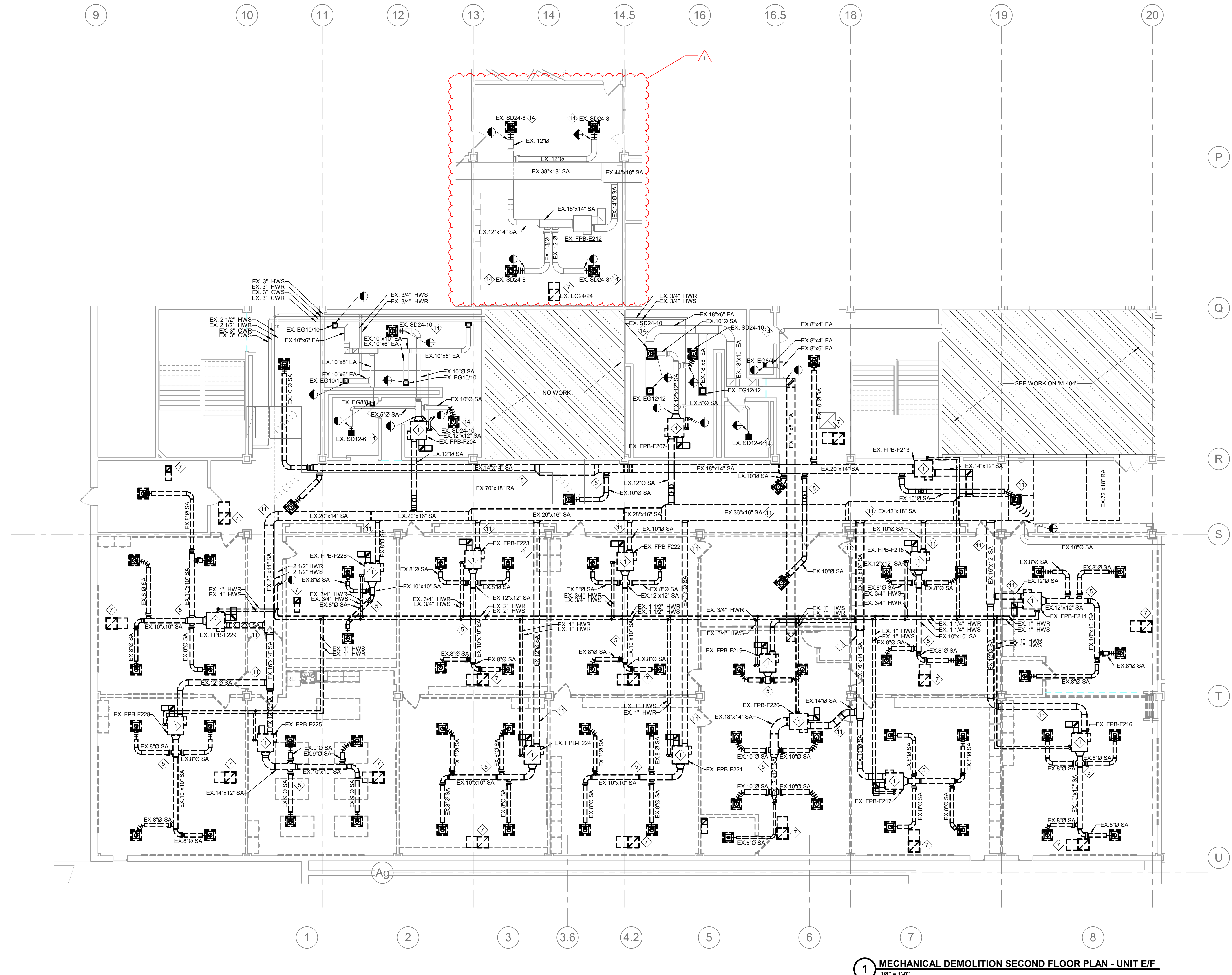


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1	09/11/2026	ADDENDUM #1

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PROJECT: #24173P
DATE: 08-21-2026
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MECHANICAL
DEMOLITION
SECOND FLOOR
PLAN - UNIT E/F

MD108



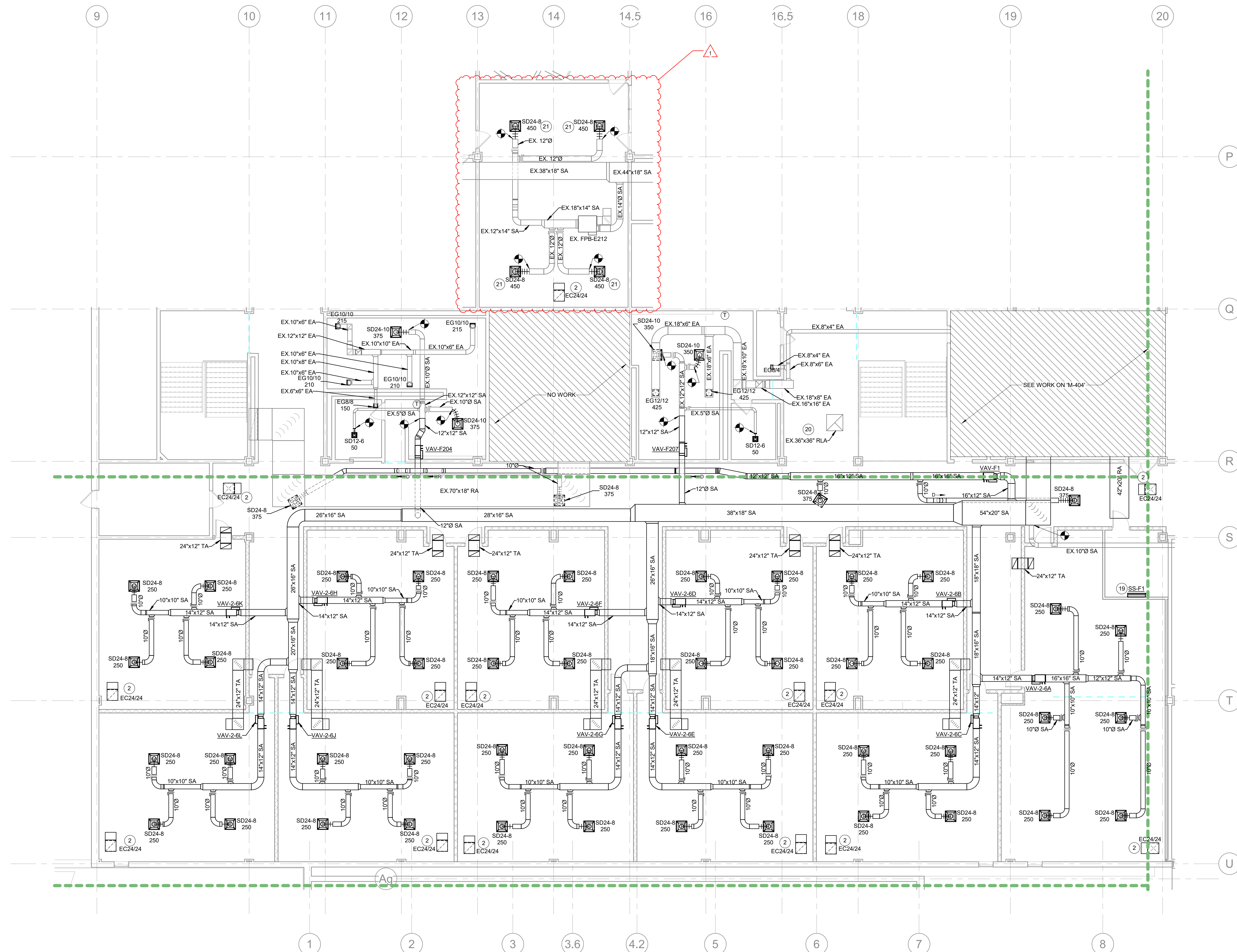
1 MECHANICAL DEMOLITION SECOND FLOOR PLAN - UNIT E/F
1/8" = 1'-0"

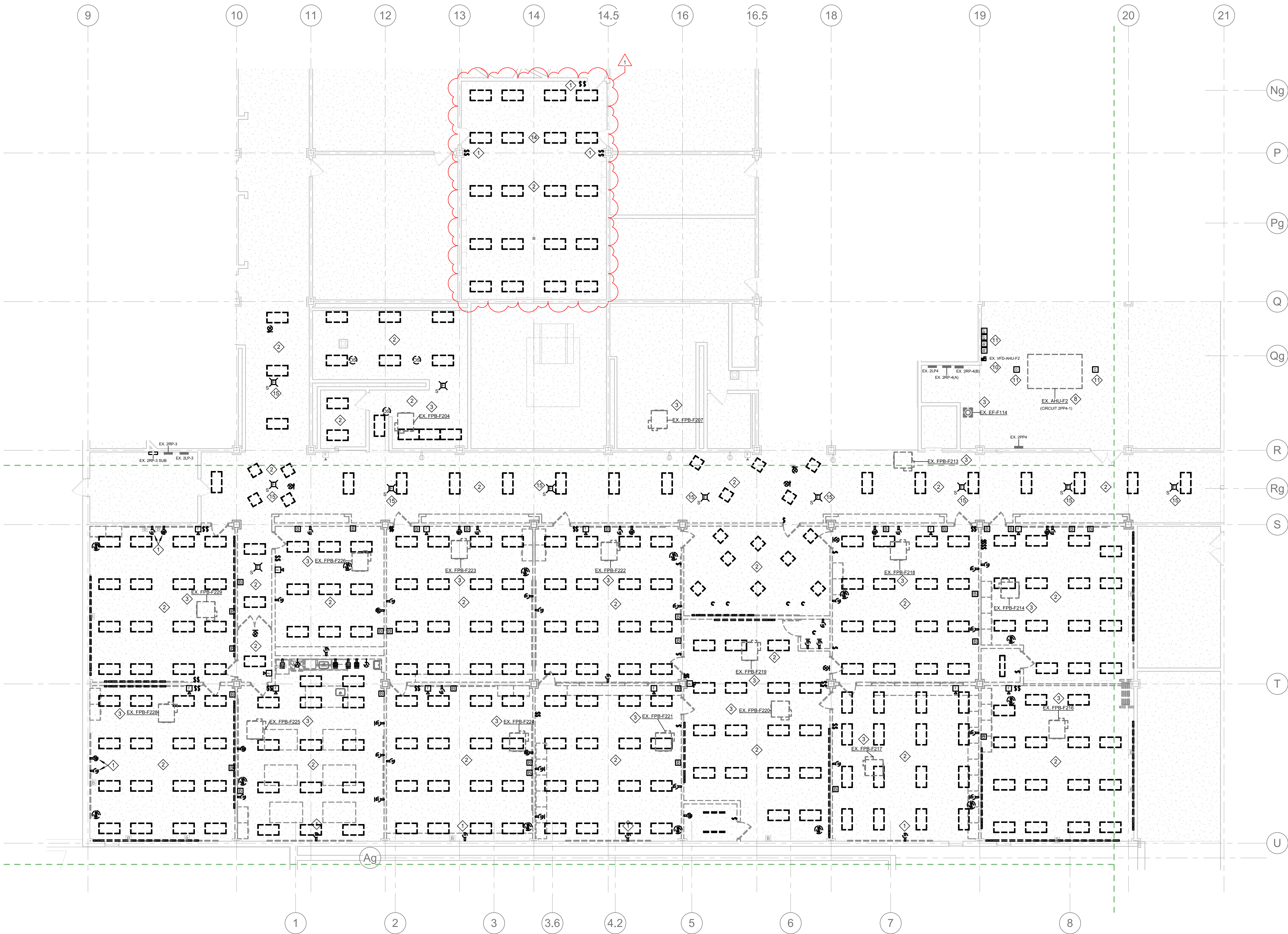
GENERAL MECHANICAL NOTES

- A DARK LINES INDICATE NEW WORK.
B LIGHT SOLID LINES INDICATE EXISTING MECHANICAL EQUIPMENT, DUCTWORK, PIPING, AND/OR MECHANICAL ACCESSORIES TO REMAIN AS-IS. CONTRACTOR TO FIELD VERIFY ACTUAL EXISTING CONDITIONS PRIOR TO BIDDING.

MECHANICAL HVAC PLAN NOTES

- 1 DROP 14"x14" SUPPLY DUCT BELOW 20"x16" SUPPLY DUCT.
- 2 PROVIDE DUCT BOOT ON EGG CRATE RETURN GRILL INTO THE RETURN AIR PLENUM.
- 3 SUPPLY AIR AND RETURN AIR DUCTS ROUTED UP TO RTU ON ROOF. SEE SHEET "MR104".
- 4 PROVIDE DAMPER IN VERTICAL DUCT.
- 5 PROVIDE NEW FLEX DUCT CONNECTION TO NEW DIFFUSERS.
- 6 PROVIDE ALUMINUM EXHAUST GRILLES.
- 7 PROVIDE ALUMINUM DUCT FOR ALL DUCT IN LOCKER ROOM.
- 8 REBALANCE EXISTING FAN POWERED BOX TO 300 CFM.
- 9 DUCT RISES IN BETWEEN JOISTS. RUN DUCT BETWEEN JOISTS.
- 10 ROUTE DUCT THROUGH WEBBING OF JOIST.
- 11 REBALANCE EXISTING EXHAUST GRILLES TO INDICATED CFM.
- 12 DROP EXHAUST DUCT 2' A.F.F. TO CONNECT TO OWNER PROVIDED KILN VENT.
- 13 CAP AND SEAL EXISTING DUCT.
- 14 EXHAUST DUCT CONTINUES AND CONNECTS TO EXHAUST FAN ON ROOF.
- 15 ROUTE DUCT UP THROUGH EXISTING ROOF PENETRATION TO EXHAUST FAN ON THE ROOF.
- 16 WALL SWITCH BY DIV 26 TO CONTROL EF ON ROOF.
- 17 CONNECT EXHAUST DUCT TO EXHAUST FAN ON SPRAY BOOTH. ROUTE DUCT UP THROUGH ROOF AND GOOSENECK ON ROOF PER DETAIL.
- 18 INSTALL SPLIT SYSTEM AT 11'0" FROM THE BOTTOM OF THE UNIT TO THE FLOOR.
- 19 PROVIDE NEW 36"x36" CONTROL DAMPER AND DAMPER ACTUATOR AND BACKDRAFT DAMPER, FIELD VERIFY SIZE.
- 20 PROVIDE CEILING DIFFUSER AND RECONNECT TO EXISTING DUCT. REBALANCE TERMINAL UNIT TO AIRFLOWS LISTED AT EACH DIFFUSER.
- 21 PROVIDE CEILING MOUNTED CABINET UNIT HEATER.





1 ELECTRICAL DEMOLITION SECOND FLOOR PLAN - UNIT F
1/8" = 1'-0"

GENERAL DEMOLITION NOTES

- REFER TO ELECTRICAL SYMBOLS AND ABBREVIATIONS SHEET E-001 FOR ADDITIONAL INFORMATION.
- THIS DRAWING REPRESENTS INFORMATION OBTAINED FROM ORIGINAL CONTRACT DRAWINGS AND FIELD SURVEY. VERIFY BY ON-SITE OBSERVATION THE EXTENT OF WORK PRIOR TO SUBMISSION OF BID.
- CONTRACT DOCUMENTS CONSIST OF BOTH PROJECT MANUAL AND DRAWINGS AND ARE MEANT TO BE COMPLEMENTARY. ANYTHING APPEARING ON EITHER MUST BE EXECUTED THE SAME AS IF SHOWN ON BOTH.
- THOROUGHLY EXAMINE THE WORK OF OTHER CONTRACTORS AND PROPERLY DEMOLISH ALL WORK REQUIRED FOR THE PROJECT.
- THE OWNER HOLDS RIGHT OF FIRST REFUSAL FOR ALL DEMOLISHED ELECTRICAL EQUIPMENT.
- ALL ELECTRICAL ITEMS SHOWN WITH LIGHT LINEWORK ARE EXISTING TO REMAIN. COORDINATE AND DISCONNECT ALL ARCHITECTURAL, MECHANICAL, AND PLUMBING EQUIPMENT AS NOTED FOR REMOVAL BY OTHERS. REMOVE ALL ASSOCIATED ELECTRICAL EQUIPMENT, RACEWAYS, CONDUCTORS, ETC. SERVING THE EQUIPMENT.
- PROVIDE ALL CUTTING AND PATCHING AS REQUIRED FOR THE REMOVAL OF EXISTING ELECTRICAL EQUIPMENT. REFER TO SPECIFICATIONS.
- PROVIDE A BLANK COVERPLATE FOR ALL EXISTING WALL OPENINGS WHERE ELECTRICAL EQUIPMENT HAS BEEN REMOVED AND NOT REPLACED. IN AREAS RECEIVING NEW WALL TREATMENTS, PATCH THE EXISTING OPENING.
- REFER TO A, M, AND P-SERIES DRAWINGS FOR AREAS WITH ABOVE CEILING WORK AND/OR CEILING REMOVAL. TEMPORARILY SUPPORT ALL ELECTRICAL DEVICES, FIXTURES, ETC. AS REQUIRED. RE-INSTALL ELECTRICAL ITEMS FOLLOWING THE COMPLETION OF WORK IN THE NEW OR EXISTING CEILING.
- PROVIDE A COMPLETE FIRE ALARM SYSTEM TEST PRIOR TO DEMOLITION.
- NOT ALL PLAN NOTES ARE USED ON THIS SHEET.

DEMOLITION PLAN NOTES

- MAINTAIN EXISTING CONDUIT AND BOX FOR REUSE.
- DISCONNECT LIGHTING AND LIGHTING CONTROLS TO BE REMOVED IN THIS SPACE. MAINTAIN CIRCUITS FOR REUSE.
- DISCONNECT MECHANICAL EQUIPMENT TO BE REMOVED. REMOVE CONDUIT AND WIRE BACK TO SOURCE.
- REMOVE RECEPTACLE AND DISCONNECT SWITCH FOR KILN. REMOVE CONDUIT AND WIRE BACK TO SOURCE.
- REMOVE RECEPTACLE AND SWITCH FOR KILN EXHAUST FAN. REMOVE CONDUIT AND WIRE BACK TO SOURCE.
- DISCONNECT KILN HOOD AND REMOVE PUSHBUTTON. REMOVE CONDUIT AND WIRE BACK TO SOURCE.
- MAINTAIN EXISTING CONDUIT, WIRING, AND BOX FOR REUSE.
- DISCONNECT MECHANICAL EQUIPMENT TO BE REMOVED. MAINTAIN CIRCUIT FOR REUSE.
- MAINTAIN HANDHAIR DRYER CIRCUIT ABOVE CEILING FOR REUSE.
- DISCONNECT MECHANICAL EQUIPMENT VFD AND DISCONNECT. MAINTAIN CIRCUIT FOR REUSE.
- DISCONNECT AND REMOVE FIRE ALARM DUCT DETECTOR AND ASSOCIATED BASE, INDICATORS AND TEST SWITCHES. MAINTAIN CIRCUIT FOR REUSE.
- DISCONNECT MOTORIZED SCREEN TO BE REMOVED IN THIS SPACE. REMOVE CONDUIT AND WIRE BACK TO SOURCE.
- DISCONNECT ACCESS CONTROL POWER SUPPLY TO BE REMOVED. MAINTAIN CIRCUIT FOR REUSE.
- DISCONNECT POWER POLE TO BE REMOVED. REMOVE CONDUIT AND WIRE BACK TO SOURCE.
- DISCONNECT AND SALVAGE SMOKE DETECTOR FOR REUSE. MAINTAIN CIRCUIT FOR REUSE.

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PERRY MERIDIAN HS PHASE II RENOVATIONS
401 W MERIDIAN SCHOOL RD,
INDIANAPOLIS, IN 46217



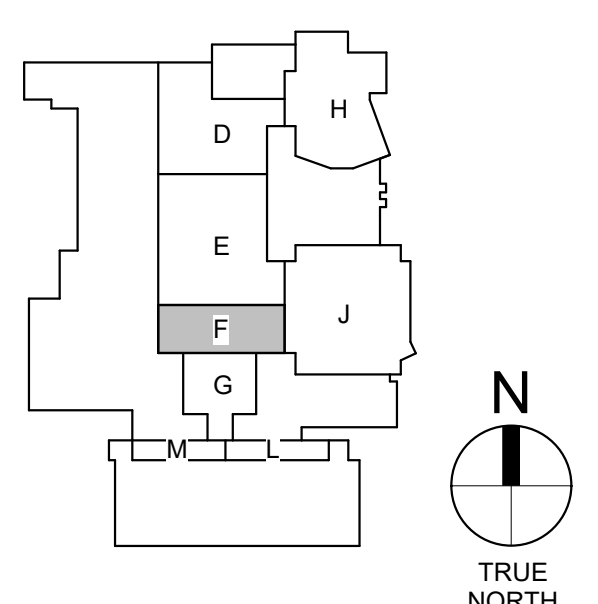
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1	09/11/2026	ADDENDUM #1

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PROJECT: #24173P
DATE: 08-21-2026
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ELECTRICAL
DEMOLITION
SECOND FLOOR
PLAN - UNIT F

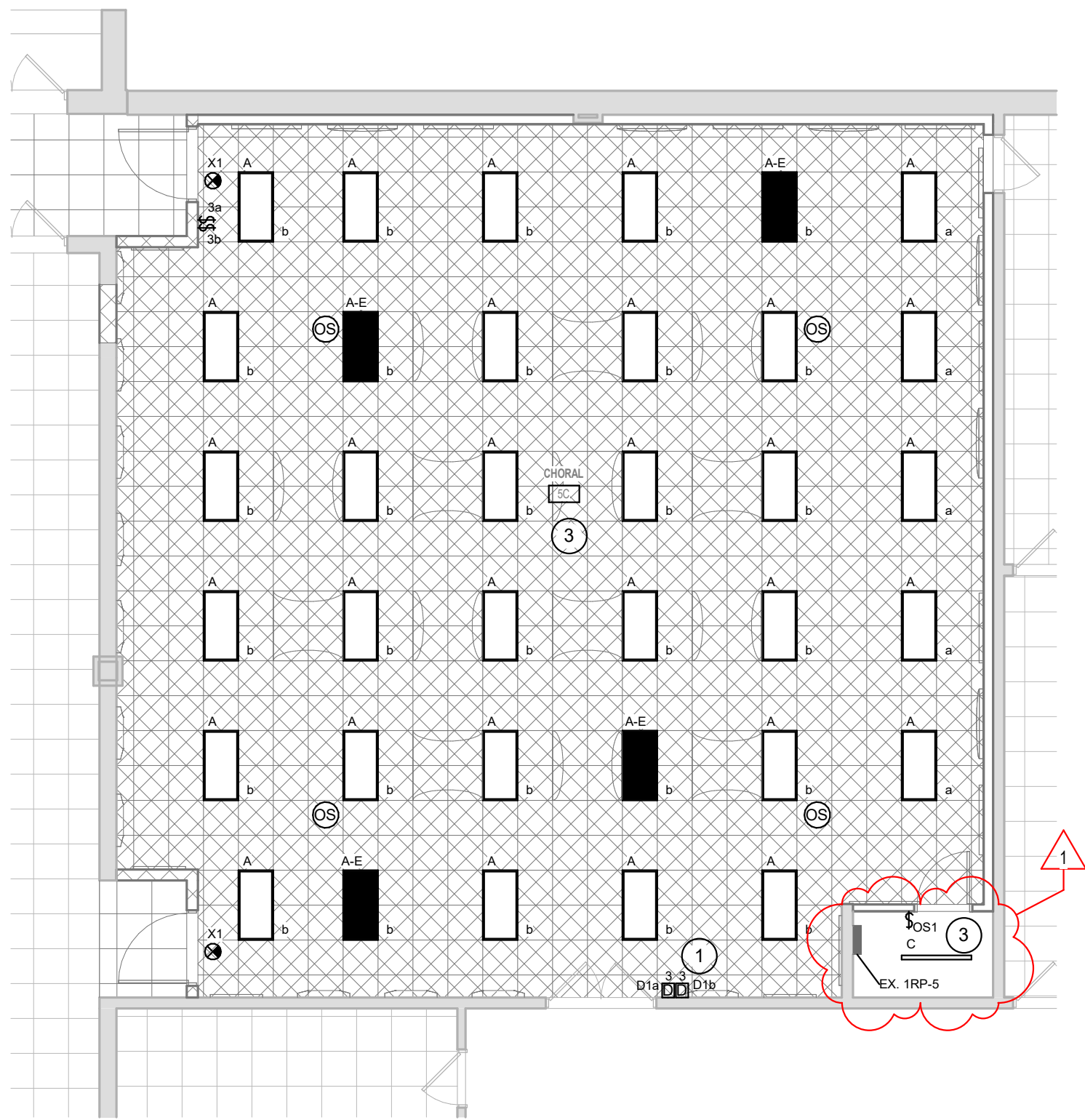
ED108



LANCER ASSOCIATES
ARCHITECTURE



145 N EAST ST.
INDIANAPOLIS, IN 46204



1 ELECTRICAL LIGHTING FIRST FLOOR PLAN - UNIT H
1/8" = 1'-0"

GENERAL LIGHTING NOTES

- A REFER TO ELECTRICAL SYMBOLS AND ABBREVIATIONS SHEET E-001 FOR ADDITIONAL INFORMATION.
- B COORDINATE ALL DEVICE LOCATIONS WITH ARCHITECT AND INTERIOR DESIGNER.
- C PROVIDE LABELS ON ALL EQUIPMENT MODIFIED BY THIS PROJECT. PROVIDE LABELS ON ALL JUNCTION BOXES AND CONDUITS MODIFIED OR PROVIDED BY THIS PROJECT. PROVIDE UPDATED PANELBOARD DIRECTORIES ON ALL PANELBOARDS MODIFIED BY THIS PROJECT.
- D NOT ALL PLAN NOTES ARE USED ON THIS SHEET.

LIGHTING PLAN NOTES

- 1 PROVIDE NEW SWITCH(ES) IN EXISTING BOX.
- 2 INSTALL NEW EXIT SIGN UTILIZING EXISTING BOX.
- 3 CONNECT NEW LIGHT FIXTURES TO LIGHTING CIRCUIT THAT SERVED THIS AREA.
- 4 CONNECT LIGHT FIXTURE TO CORRIDOR LIGHTING CIRCUIT AND CONTROLS.
- 5 INSTALL EXISTING LIGHT FIXTURES AND OCCUPANCY SENSORS SALVAGED DURING DEMOLITION. CONNECT LIGHT FIXTURES TO LIGHTING CIRCUIT THAT SERVED THIS AREA.

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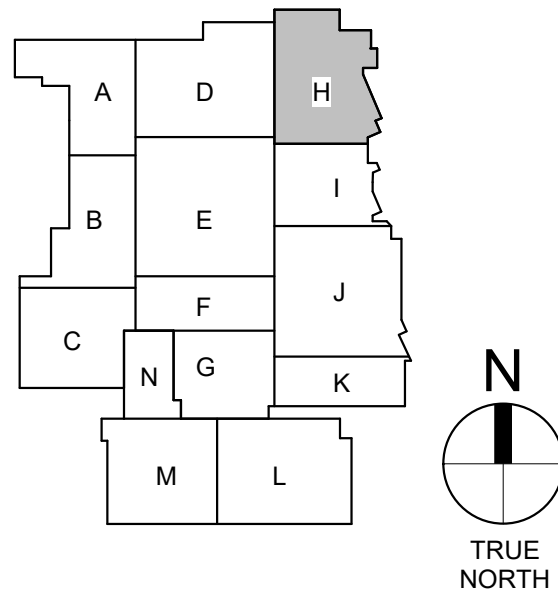
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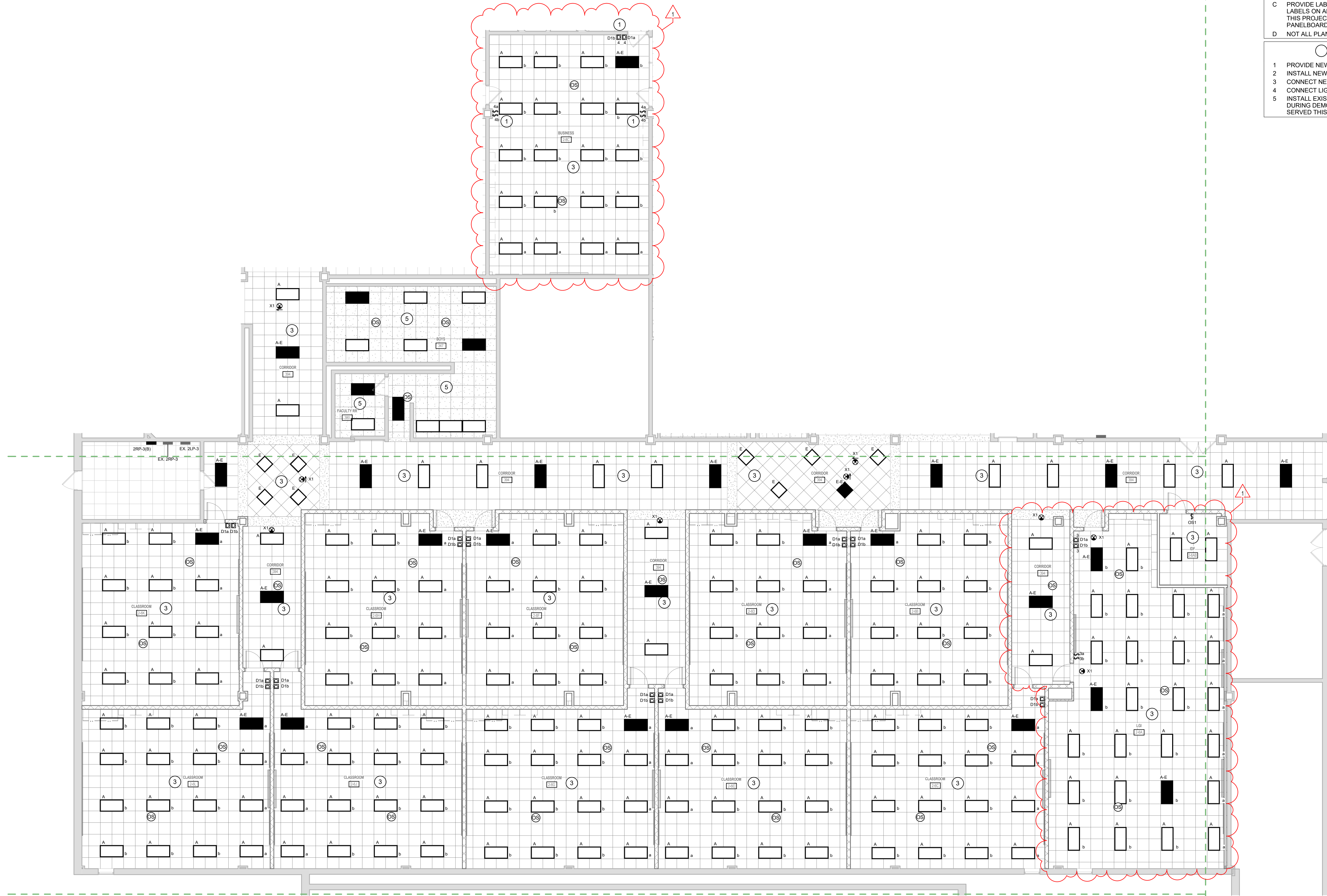
PROJECT: #24173P
DATE: 08-21-2026
DRAWN BY: AMN

ELECTRICAL
LIGHTING FIRST
FLOOR PLAN -
UNIT H

EL106

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ARCHITECTURE
145 N EAST ST.
INDIANAPOLIS, IN 46204





1 ELECTRICAL LIGHTING SECOND FLOOR PLAN - UNIT F
1/8" = 1'-0"

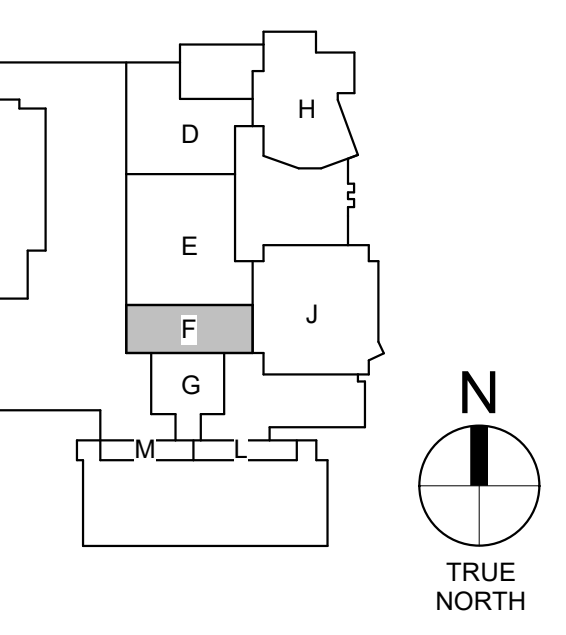
- GENERAL LIGHTING NOTES**
- A REFER TO ELECTRICAL SYMBOLS AND ABBREVIATIONS SHEET E-001 FOR ADDITIONAL INFORMATION.
 - B COORDINATE ALL DEVICE LOCATIONS WITH ARCHITECT AND INTERIOR DESIGNER.
 - C PROVIDE LABELS ON ALL EQUIPMENT MODIFIED BY THIS PROJECT. PROVIDE LABELS ON ALL JUNCTION BOXES AND CONDUITS MODIFIED OR PROVIDED BY THIS PROJECT. PROVIDE UPDATED PANELBOARD DIRECTORIES ON ALL PANELBOARDS MODIFIED BY THIS PROJECT.
 - D NOT ALL PLAN NOTES ARE USED ON THIS SHEET.
- LIGHTING PLAN NOTES**
- 1 PROVIDE NEW SWITCH(ES) IN EXISTING BOX.
 - 2 INSTALL NEW EXIT SIGN UTILIZING EXISTING BOX.
 - 3 CONNECT NEW LIGHT FIXTURES TO LIGHTING CIRCUIT THAT SERVED THIS AREA.
 - 4 CONNECT LIGHT FIXTURE TO CORRIDOR LIGHTING CIRCUIT AND CONTROLS.
 - 5 INSTALL EXISTING LIGHT FIXTURES AND OCCUPANCY SENSORS SALVAGED DURING DEMOLITION. CONNECT LIGHT FIXTURES TO LIGHTING CIRCUIT THAT SERVED THIS AREA.

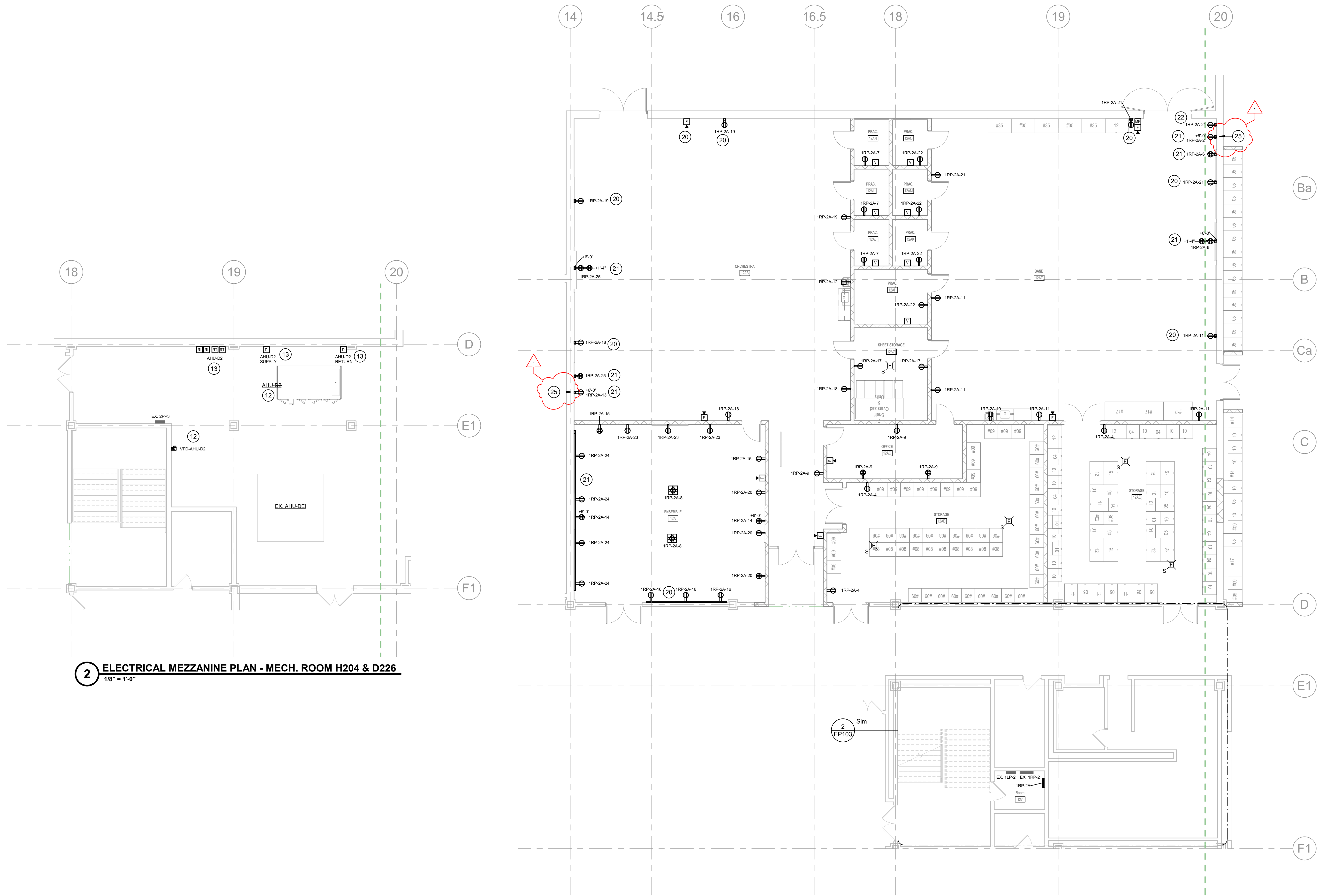
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ELECTRICAL LIGHTING
SECOND FLOOR PLAN - UNIT F

EL108





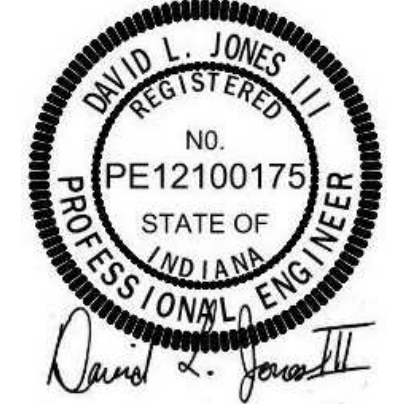
2 ELECTRICAL MEZZANINE PLAN - MECH. ROOM H204 & D226
1/8" = 1'-0"

1 ELECTRICAL POWER & SYSTEMS FIRST FLOOR PLAN - UNIT D
1/8" = 1'-0"

- ### GENERAL POWER NOTES
- REFER TO ELECTRICAL SYMBOLS AND ABBREVIATIONS SHEET E-001 FOR ADDITIONAL INFORMATION.
 - PROVIDE A GEAR SUBMITTAL FOR GENERAL APPROVAL PRIOR TO CONDUCTING STUDIES. IMPLEMENT RECOMMENDATIONS TO ELECTRICAL GEAR FOR FINAL APPROVAL AFTER STUDIES ARE COMPLETED AND APPROVED.
 - COORDINATE ALL DEVICE LOCATIONS WITH ARCHITECT AND INTERIOR DESIGNER.
 - PROVIDE LABELS ON ALL EQUIPMENT MODIFIED BY THIS PROJECT. PROVIDE LABELS ON ALL JUNCTION BOXES AND CONDUITS MODIFIED OR PROVIDED BY THIS PROJECT. PROVIDE UPDATED PANELBOARD DIRECTORIES ON ALL PANELBOARDS MODIFIED BY THIS PROJECT.
 - NOT ALL PLAN NOTES ARE USED ON THIS SHEET.

- ### POWER PLAN NOTES
- PROVIDE NEW RECEPTACLE IN EXISTING BOX.
 - PROVIDE GROUNDING BUSBAR, CABLES, AND CONNECTIONS PER TECHNOLOGY DRAWINGS. CONNECT GROUNDING BUSBAR TO NEAREST PANELBOARD GROUNDING BUS.
 - REMOVE EXISTING BREAKERS AT CIRCUIT LOCATION INDICATED AND PROVIDE A 50A 3-POLE BREAKER FOR KILN.
 - UTILIZE EXISTING SPARE 20A CIRCUIT BREAKER IN PANEL FOR CIRCUIT INDICATED.
 - PROVIDE NEW RECEPTACLE AND FACEPLATE IN EXISTING BOX AND CONNECT TO EXISTING CIRCUIT.
 - CONNECT NEW RECEPTACLE TO EXISTING RECEPTACLE CIRCUIT IN THIS SPACE.
 - CONNECT NEW RECEPTACLE TO NEAREST AVAILABLE RECEPTACLE CIRCUIT.
 - COORDINATE HAIR DRYER MOUNTING HEIGHT IN THE FIELD. CONNECT TO EXISTING DEDICATED HANDHAIR DRYER CIRCUIT MAINTAINED DURING DEMOLITION. EXTEND TO THIS LOCATION WITH 2#12, #12S IN 3/4" C. REPLACE EXISTING CIRCUIT BREAKER WITH A LOCKABLE BREAKER IF REQUIRED.
 - INSTALL RECEPTACLE HORIZONTALLY WITH THE BOTTOM EDGE OF THE BOX AT +4" ABOVE FINISHED FLOOR.
 - CONNECT NEW CABINET UNIT HEATER TO EXISTING CIRCUIT MAINTAINED DURING DEMOLITION. EXTEND TO NEW UNIT MATCHING EXISTING CONDUIT AND WIRE SIZES.
 - CONNECT NEW EXHAUST FAN ON ROOF TO EXISTING CIRCUIT MAINTAINED DURING DEMOLITION. EXTEND TO NEW UNIT MATCHING EXISTING CONDUIT AND WIRE SIZES.
 - CONNECT AHU-D2 TO NEW VFD AND NEW VFD TO EXISTING AHU CIRCUIT FROM PANEL 2PP3 UTILIZING EXISTING CIRCUIT CONDUIT AND WIRING.
 - PROVIDE FIRE ALARM DUCT DETECTOR AND BASE IN DUCT. COORDINATE INSTALLATION LOCATION WITH DIVISION 23. PROVIDE REMOTE INDICATOR AND REMOTE TEST SWITCH AT LOCATION SHOWN.
 - CONNECT AHU-F2 TO NEW VFD AND NEW VFD TO EXISTING AHU CIRCUIT FROM PANEL 2PP4 UTILIZING EXISTING CIRCUIT CONDUIT AND WIRING.
 - COORDINATE JUNCTION BOX MOUNTING HEIGHT AND PAINT BOOTH CONNECTION WITH MANUFACTURE REQUIREMENTS.
 - MOUNT MOTOR STARTER ABOVE CEILING. CONNECT EXHAUST FAN EF-K1 THROUGH THIS MOTOR STARTER. COORDINATE WITH OWNER TO MARK CEILING FOR MOTOR STARTER LOCATION.
 - CONNECT EXHAUST FAN CIRCUIT THROUGH THIS MOTOR STARTER.
 - PROVIDE NEW 20A 1-POLE CIRCUIT BREAKER IN PANEL FOR CIRCUIT INDICATED.
 - INDOOR SPLIT SYSTEM UNIT IS POWERED BY CONDENSING UNIT CU-F1 ON THE ROOF. PROVIDE ALL NECESSARY WIRING AND CONNECTIONS TO THE INDOOR UNIT.
 - PROVIDE SINGLE CHANNEL SURFACE RACEWAY FOR NEW DEVICE(S).
 - PROVIDE DUAL CHANNEL SURFACE RACEWAY FOR NEW DEVICE(S).
 - PROVIDE DUAL CHANNEL SURFACE RACEWAY FOR CLOCK RECEPTACLE. MOUNT RECEPTACLE ONE FOOT BELOW THE CEILING.
 - CONNECT NEW ACCESS CONTROL POWER SUPPLY TO EXISTING CIRCUIT MAINTAINED IN THIS AREA. EXTEND CIRCUIT TO NEW LOCATION MATCHING EXISTING CONDUIT AND WIRE SIZES.
 - INSTALL SALVAGED SMOKE DETECTOR IN NEW CEILING. CONNECT TO EXISTING CIRCUIT MAINTAINED DURING DEMOLITION.
 - PROVIDE FIRE ALARM RELAY FOR AV SYSTEM. CONNECT TO EXISTING FIRE ALARM SYSTEM AND PROGRAM TO SILENCE AV SYSTEM UPON SYSTEM ACTIVATION.

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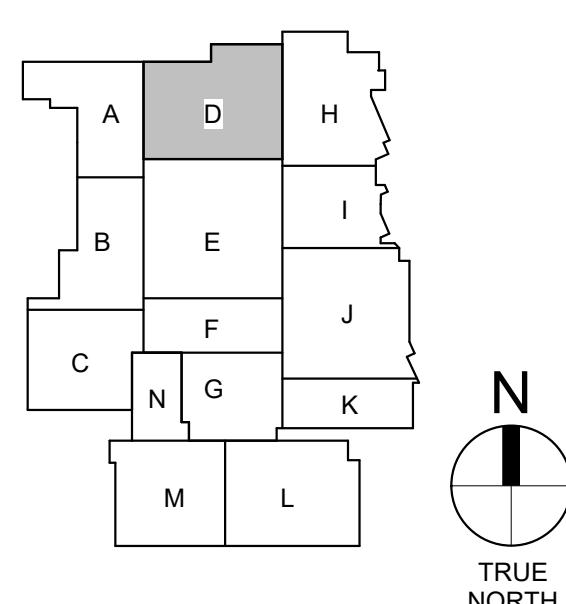


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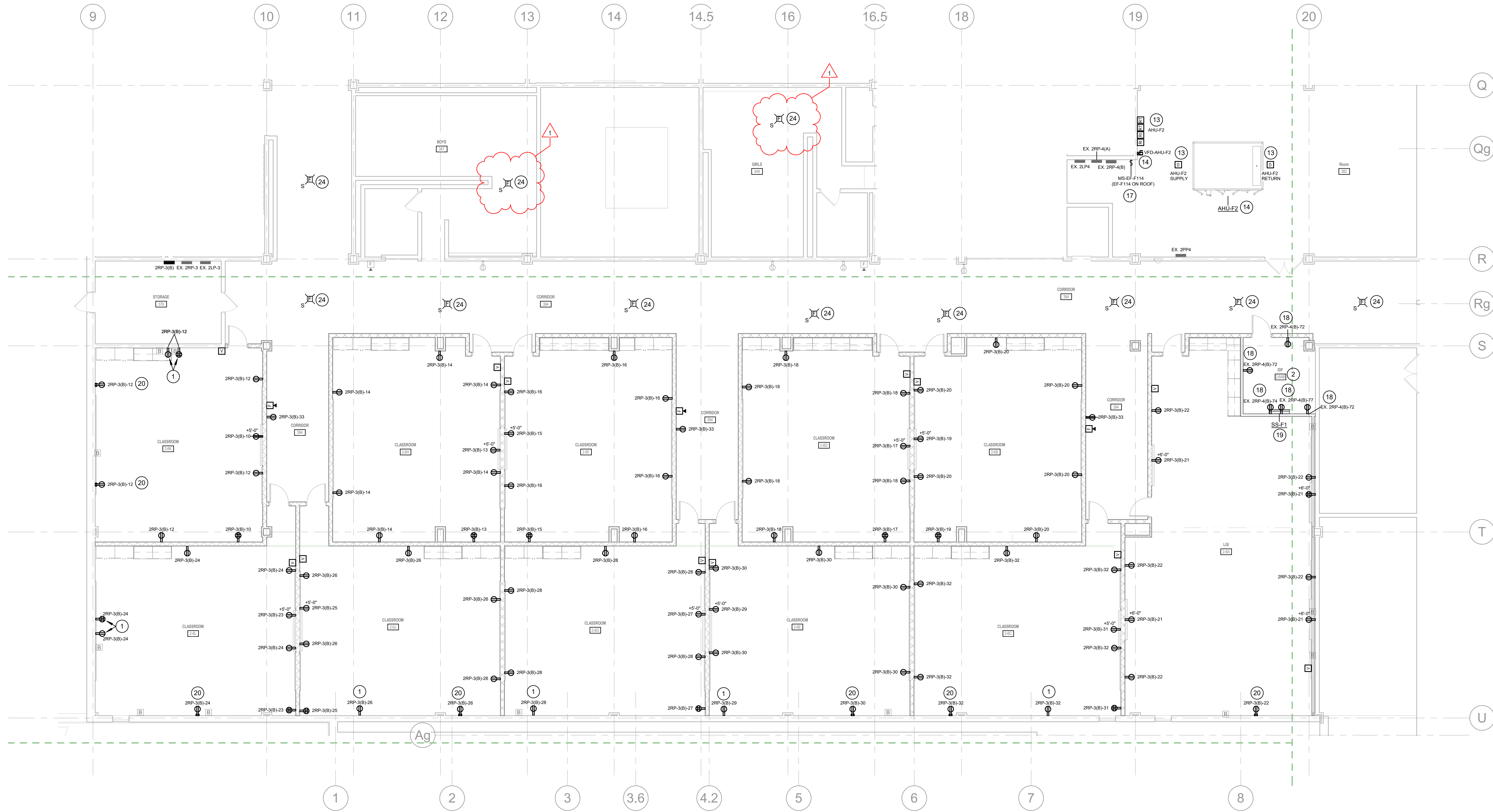
ELECTRICAL POWER & SYSTEMS FIRST FLOOR PLAN - UNIT D

EP103



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145 N EAST ST.
INDIANAPOLIS, IN 46204





1 ELECTRICAL POWER & SYSTEMS SECOND FLOOR PLAN - UNIT F
1/8" = 1'-0"

GENERAL POWER NOTES

- REFER TO ELECTRICAL SYMBOLS AND ABBREVIATIONS SHEET E-001 FOR ADDITIONAL INFORMATION.
- PROVIDE A GEAR SUBMITTAL FOR GENERAL APPROVAL PRIOR TO CONDUCTING STUDIES. IMPLEMENT RECOMMENDATIONS TO ELECTRICAL GEAR FOR FINAL APPROVAL AFTER STUDIES ARE COMPLETED AND APPROVED.
- COORDINATE ALL DEVICE LOCATIONS WITH ARCHITECT AND INTERIOR DESIGNER.
- PROVIDE LABELS ON ALL EQUIPMENT MODIFIED BY THIS PROJECT. PROVIDE LABELS ON ALL JUNCTION BOXES AND CONDUITS MODIFIED OR PROVIDED BY THIS PROJECT. PROVIDE UPDATED PANELBOARD DIRECTORIES ON ALL PANELBOARDS MODIFIED BY THIS PROJECT.
- NOT ALL PLAN NOTES ARE USED ON THIS SHEET.

POWER PLAN NOTES

- PROVIDE NEW RECEPTACLE IN EXISTING BOX.
- PROVIDE GROUNDING BUSBAR, CABLES, AND CONNECTIONS PER TECHNOLOGY DRAWINGS. CONNECT GROUNDING BUSBAR TO NEAREST PANELBOARD GROUNDING BUS.
- REMOVE EXISTING BREAKERS AT CIRCUIT LOCATION INDICATED AND PROVIDE A 50A 3-POLE BREAKER FOR KILN.
- UTILIZE EXISTING SPARE 20A CIRCUIT BREAKER IN PANEL FOR CIRCUIT INDICATED.
- PROVIDE NEW RECEPTACLE AND FACEPLATE IN EXISTING BOX AND CONNECT TO EXISTING CIRCUIT.
- CONNECT NEW RECEPTACLE TO EXISTING RECEPTACLE CIRCUIT IN THIS SPACE.
- CONNECT NEW RECEPTACLE TO NEAREST AVAILABLE RECEPTACLE CIRCUIT.
- COORDINATE HAIR DRYER MOUNTING HEIGHT IN THE FIELD. CONNECT TO EXISTING DEDICATED HANDHAIR DRYER CIRCUIT MAINTAINED DURING DEMOLITION. EXTEND TO THIS LOCATION WITH 2#12, #125 IN 3/4" C. REPLACE EXISTING CIRCUIT BREAKER WITH A LOCKABLE BREAKER IF REQUIRED.
- INSTALL RECEPTACLE HORIZONTALLY WITH THE BOTTOM EDGE OF THE BOX AT +4" ABOVE FINISHED FLOOR.
- CONNECT NEW CABINET UNIT HEATER TO EXISTING CIRCUIT MAINTAINED DURING DEMOLITION. EXTEND TO NEW UNIT MATCHING EXISTING CONDUIT AND WIRE SIZES.
- CONNECT NEW EXHAUST FAN ON ROOF TO EXISTING CIRCUIT MAINTAINED DURING DEMOLITION. EXTEND TO NEW UNIT MATCHING EXISTING CONDUIT AND WIRE SIZES.
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ELECTRICAL
POWER &
SYSTEMS
SECOND FLOOR
PLAN - UNIT F

EP108

