

ADDENDUM NO. 3

November 11, 2022

LIBERTY ELEMENTARY SCHOOL RENOVATIONS Chesterton, IN 46304

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 October 17, 2022 by Gibraltar Design. 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 3-1 through ADD 3-9, attached replacement Specification Sections 00 31 00, 01 00 32b, 01 32 00c, 01 23 00, attached Addendum No. 3 from Gibraltar Design dated November 9, 2022 and consisting of 5 pages, Specification Sections 11 40 00 - Foodservice Equipment, 32 12 16 - Asphaltic Concrete Paving, 32 17 23 - Roadway and Paving Marking, and 39 Drawings.

A. SPECIFICATION SECTION 00 00 20 - TABLE OF CONTENTS

1. Add:

Specification Section 32 12 16 - Asphaltic Concrete Paving
Specification Section 32 17 23 - Roadway and Paving Marking

B. SPECIFICATION SECTION 00 31 00 - INDIANA BID FORM

1. Replace with attached

C. **SPECIFICATION SECTION 01 12 00 - MULTIPLE CONTRACT SUMMARY**

1. **Bid Category No. 1 - General Trades**

a. **Add:**

Specification Section 32 12 16 - Asphaltic Concrete Paving
Specification Section 32 17 23 - Roadway and Paving Marking

b. **Replace:**

Clarification No. 5:

The Bid Category No. 1 Contractor shall provide plywood covered frames for new window openings, new overhead door openings, and hinged plywood at door openings to maintain temperatures necessary to perform the work and provide security. Provide protection against adverse weather so that the building and materials will not be damaged, and against unauthorized entry. Protection shall be provided well in advance of finishing operations to prevent penetration of dust or moisture into finished areas. Provide Ten (10) Construction grade padlocks keyed alike with freeze protection for gates/doors with a minimum of Ten (10) keys for distribution to designated contractors and the Construction Manager.

c. **Replace:**

Clarification No. 12:

Regarding Specification Section 02 41 30 Minor Demolition for Remodeling; **The Bid Category No. 1 Contractor** is responsible to provide all demolition, cutting and patching of Roof related work to include, but not limited to, membrane, fascia, coping, insulation, curbs, etc. **The Bid Category No. 9 Contractor** is responsible to provide all demolition, cutting and patching of Fire Protection related work to include, but not limited to, fixtures, piping, etc. **The Bid Category No. 10 Contractor** is responsible to provide all demolition, cutting and patching of Plumbing related work to include, but not limited to, fixtures, piping, etc. **The Bid Category No. 11 Contractor** is responsible to provide all demolition, cutting and patching of Mechanical/HVAC related work to include, but not limited to, grilles, ductwork, units, piping, systems, etc. **The Bid Category No. 12 Contractor** is to provide all demolition, cutting and patching of Electrical related work to include, but not limited to, light fixtures, conduit, raceways, wiring, equipment, etc. **The Bid Category No. 1 Contractor** is responsible for all other demolition, removals and patching as indicated on the contract documents.

d. **Replace:**

Clarification No. 15:

The **Bid Category No. 1 Contractor** is responsible to provide the work described in Demolition Plan Note No. 51 on Plan Sheets AD101, AD102 and AD103.

e. **Add:**

Clarification No. 17:

The **Bid Category No. 1 Contractor** shall provide protection for all flooring that is scheduled to remain. Protection must be adequate for all contractors. Protection on wood floor in gymnasium must be adequate for the use of a scissor lift for overhead fire protection piping work. Installation, relocation, and removal of temporary protection shall be coordinated with the Skillman Site Manager.

Clarification No. 18:

The **Bid Category No. 1 Contractor** shall provide the work indicated in Demolition Plan Note No. 35 on Plan AD101 for Rooms A-119, A-120, A-122, A-123, A-124, A-125 and A-126 only.

2. **Bid Category No. 3 - Metal Studs/Drywall**

a. **Replace:**

Clarification No. 5:

The **Bid Category No. 3 Contractor** is responsible to provide the work described in Plan Notes 20, 26 and 35 on Plan Sheets A-101, A-102 and A-103.

3. **Bid Category No. 4 - Painting**

a. **Add:**

Clarification No. 6:

The **Bid Category No. 4 Contractor** is responsible to provide demolition of all wall covering in a manner to minimize damaging subsurface and to provide patching and coating of existing surfaces as required to prepare for final finishes as indicated throughout the contract documents.

4. **Bid Category No. 5 - Hard Tile**

a. **Replace:**

Clarification No. 2:

The **Bid Category No. 5 Contractor** or the **Bid Category No. 6 Contractor – whichever is providing the final finishes** – is responsible to provide the work described in Plan Notes 27 and 28 on Plan Sheets A-101, A-102 and A-103.

5. **Bid Category No. 6 - Carpet/Resilient**

a. **Replace:**

Clarification No. 2:

The **Bid Category No. 5 Contractor** or the **Bid Category No. 6 Contractor – whichever is providing the final finishes** – is responsible to provide the work described in Plan Notes 27 and 28 on Plan Sheets A-101, A-102 and A-103.

6. **Bid Category No. 7 - Casework**

a. **Replace:**

Clarification No. 2:

Reference Specification Section 06 20 00 – Finish Carpentry: The **Bid Category No. 7 Contractor** shall provide all work shown on Drawing Sheet A730 including solid surfaces. The **Bid Category No. 1 Contractor** shall provide all other items in this section.

7. **Bid Category No. 8 - Food Service**

a. **Add:**

Specification Section 11 40 00 - Food Service Equipment

8. **Bid Category No. 9 - Fire Protection**

a. **Add:**

Clarification No. 6:

The **Bid Category Contractor** requiring access to their work above ceiling systems that are not scheduled to be removed in their entirety is responsible to provide the removal and replacement of the applicable portions of ceiling systems required for their overhead work as indicated throughout the contract documents.

b. **Add:**

Clarification No. 7:

The **Bid Category No. 1 Contractor** shall provide the work indicated in Demolition Plan Note No. 35 on Plan AD101 for Rooms A-119, A-120, A-122, A-123, A-124, A-125 and A-126 only.

c. Clarification No. 8:

Regarding Specification Section 02 41 30 Minor Demolition for Remodeling; The **Bid Category No. 1 Contractor** is responsible to provide all demolition, cutting and patching of Roof related work to include, but not limited to, membrane, fascia, coping, insulation, curbs, etc. The **Bid Category No. 9 Contractor** is responsible to provide all demolition, cutting and patching of Fire Protection related work to include, but not limited to, fixtures, piping, etc. The **Bid Category No. 10 Contractor** is responsible to provide all demolition, cutting and patching of Plumbing related work to include, but not limited to, fixtures, piping, etc. The **Bid Category No. 11 Contractor** is responsible to provide all demolition, cutting and patching of Mechanical/HVAC related work to include, but not limited to, grilles, ductwork, units, piping, systems, etc. The **Bid Category No. 12 Contractor** is to provide all demolition, cutting and patching of Electrical related work to include, but not limited to, light fixtures, conduit, raceways, wiring, equipment, etc. The **Bid Category No. 1 Contractor** is responsible for all other demolition, removals and patching as indicated on the contract documents.

9. **Bid Category No. 10 - Plumbing**

a. **Replace:**

Clarification No. 3:

Regarding Specification Section 02 41 30 Minor Demolition for Remodeling; The **Bid Category No. 1 Contractor** is responsible to provide all demolition, cutting and patching of Roof related work to include, but not limited to, membrane, fascia, coping, insulation, curbs, etc. The **Bid Category No. 9 Contractor** is responsible to provide all demolition, cutting and patching of Fire Protection related work to include, but not limited to, fixtures, piping, etc. The **Bid Category No. 10 Contractor** is responsible to provide all demolition, cutting and patching of Plumbing related work to include, but not limited to, fixtures, piping, etc. The **Bid Category No. 11 Contractor** is responsible to provide all demolition, cutting and patching of Mechanical/HVAC related work to include, but not limited to, grilles, ductwork, units, piping, systems, etc. The **Bid Category No. 12 Contractor** is to provide all demolition, cutting and patching of Electrical related work to include, but not limited to, light fixtures, conduit, raceways, wiring, equipment, etc. The **Bid Category No. 1 Contractor** is responsible for all other demolition, removals and patching as indicated on the contract documents.

b. **Add:**

Clarification No. 9:

The **Bid Category Contractor** requiring access to their work above ceiling systems that are not scheduled to be removed in their entirety is responsible to provide the removal and replacement of the applicable portions of ceiling systems required for their overhead work as indicated throughout the contract documents.

c. **Add:**

Clarification No. 10:

The **Bid Category No. 1 Contractor** shall provide the work indicated in Demolition Plan Note No. 35 on Plan AD101 for Rooms A-119, A-120, A-122, A-123, A-124, A-125 and A-126 only.

10. **Bid Category No. 11 - Mechanical**

a. **Replace:**

Clarification No. 4:

Regarding Specification Section 02 41 30 Minor Demolition for Remodeling; The **Bid Category No. 1 Contractor** is responsible to provide all demolition, cutting and patching of Roof related work to include, but not limited to, membrane, fascia, coping, insulation, curbs, etc. The **Bid Category No. 9 Contractor** is responsible to provide all demolition, cutting and patching of Fire Protection related work to include, but not limited to, fixtures, piping, etc. The **Bid Category No. 10 Contractor** is responsible to provide all demolition, cutting and patching of Plumbing related work to include, but not limited to, fixtures, piping, etc. The **Bid Category No. 11 Contractor** is responsible to provide all demolition, cutting and patching of Mechanical/HVAC related work to include, but not limited to, grilles, ductwork, units, piping, systems, etc. The **Bid Category No. 12 Contractor** is to provide all demolition, cutting and patching of Electrical related work to include, but not limited to, light fixtures, conduit, raceways, wiring, equipment, etc. The **Bid Category No. 1 Contractor** is responsible for all other demolition, removals and patching as indicated on the contract documents.

b. **Add:**

Clarification No. 9:

The **Bid Category Contractor** requiring access to their work above ceiling systems that are not scheduled to be removed in their entirety is responsible to provide the removal and replacement of the applicable portions of ceiling systems required for their overhead work as indicated throughout the contract documents.

c. **Add:**

Clarification No. 10:

The **Bid Category No. 1 Contractor** shall provide the work indicated in Demolition Plan Note No. 35 on Plan AD101 for Rooms A-119, A-120, A-122, A-123, A-124, A-125 and A-126 only.

11. **Bid Category No. 12 - Electrical**

a. **Replace:**

Clarification No. 4:

Regarding Specification Section 02 41 30 Minor Demolition for Remodeling; The **Bid Category No. 1 Contractor** is responsible to provide all demolition, cutting and patching of Roof related work to include, but not limited to, membrane, fascia, coping, insulation, curbs, etc. The **Bid Category No. 9 Contractor** is responsible to provide all demolition, cutting and patching of Fire Protection related work to include, but not limited to, fixtures, piping, etc. The **Bid Category No. 10 Contractor** is responsible to provide all demolition, cutting and patching of Plumbing related work to include, but not limited to, fixtures, piping, etc. The **Bid Category No. 11 Contractor** is responsible to provide all demolition, cutting and patching of Mechanical/HVAC related work to include, but not limited to, grilles, ductwork, units, piping, systems, etc. The **Bid Category No. 12 Contractor** is to provide all demolition, cutting and patching of Electrical related work to include, but not limited to, light fixtures, conduit, raceways, wiring, equipment, etc. The **Bid Category No. 1 Contractor** is responsible for all other demolition, removals and patching as indicated on the contract documents.

b. **Add:**

Clarification No. 11:

The **Bid Category Contractor** requiring access to their work above ceiling systems that are not scheduled to be removed in their entirety is responsible to provide the removal and replacement of the applicable portions of ceiling systems required for their overhead work as indicated throughout the contract documents.

c. **Add:**

Clarification No. 12:

The **Bid Category No. 1 Contractor** shall provide the work indicated in Demolition Plan Note No. 35 on Plan AD101 for Rooms A-119, A-120, A-122, A-123, A-124, A-125 and A-126 only.

D. SPECIFICATION SECTION 01 23 00 - BID ALTERNATES

1. **Replace with attached**

E. SPECIFICATION SECTION 01 32 00b - GUIDELINE SCHEDULE

1. **Replace with attached**

F. SPECIFICATION SECTION 01 32 00c - PHASING PLAN

1. **Replace with the attached**

CONTRACTOR'S BID FOR PUBLIC WORKS FORM NO. 96

ADD No. 3

Format (Revised 2013)
(Amended for DSC)

Duneland Liberty Elementary School Renovations
Duneland School Corporation
Chesterton, IN

PART I

(To be completed for all bids. Please type or print)

Date (month, day, year): _____

BIDDER (Firm) _____

Address _____ P.O. Box _____

City/State/Zip _____

Telephone Number: _____ Email Address: _____

Person to contact regarding this Bid _____

Pursuant to notices given, the undersigned offers to furnish labor and/or materials necessary to complete the public works project of:

Insert Category No. (s) and Name(s)

Of public works project, ***Duneland Liberty Elementary School Renovations***, in accordance with Plans and Specifications prepared by ***Gibraltar Design, 9102 N. Meridian St., Ste. #300, Indianapolis, IN 46260***, as follows:

BASE BID

For the sum of _____
(Sum in words)

_____ DOLLARS (\$ _____)
(Sum in figures)

The undersigned acknowledges receipt of the following Addenda:

Receipt of Addenda No. (s) _____

PROPOSAL TIME

Bidder agrees that this Bid shall remain in force for a period of sixty (60) consecutive calendar days from the due date, and Bids may be accepted or rejected during this period. Bids not accepted within said sixty (60) consecutive calendar days shall be deemed rejected.

Attended pre-bid conference YES _____ NO _____

Has visited the jobsite YES _____ NO _____

The Bidder has reviewed the Guideline Schedule in Section 01 32 00 and the intent
Of the schedule can be met.

YES _____ NO _____

Bidder has included their Written Drug Testing Plan that covers all employees of the bidder who will perform work on the public work project and meets or exceeds the requirements set in IC 4-13-18-5 or IC 4-13-18-6.

YES _____ NO _____

The Skillman Corporation's diversity initiative is to create a program to encourage, assist and measure the active participation of Minority- Owned, Women-Owned, Veteran – Owned and Disabled Individual-Owned Businesses. The Program is to ensure that MWVDBEs are provided full and equal opportunity to participate in all Skillman Corporation's Projects.

Bidder has included:

DBE: YES _____ %	NO _____
MBE: YES _____ %	NO _____
WBE: YES _____ %	NO _____
VBE: YES _____ %	NO _____

The undersigned further agrees to furnish a bond or certified check with this Bid for an amount specified in the Notice to Bidders. If Alternate Bids apply, submit a proposal for each in accordance with the Plans and Specifications.

If additional units of material included in the contract are needed, the cost of units must be the same as that shown in the original contract if accepted by the governmental unit. If the bid is to be awarded on a unit bases, the itemization of the units shall be shown on a separate attachment.

The contractor and his subcontractors, if any, shall not discriminate against or intimidate any employee, or applicant for employment, to be employed in the performance of this contract, with respect to any matter directly or indirectly related to employment because of race, religion, color, sex, national origin, or ancestry. Breach of this covenant may be regarded as a material breach of the contract.

CERTIFICATION OF USE OF UNITED STATES STEEL PRODUCTS
(if applicable)

I, the undersigned bidder, or agent as a contractor on a public works project, understand my statutory obligation to use steel products made in the United States (I.C. 5-16-8-2). I hereby certify that I and all subcontractors employed by me for this project will use U.S. steel on this project if awarded. I understand that violations hereunder may result in forfeiture of contractual payments.

ALTERNATE BIDS

A blank entry or an entry of "No Bid", "N/A", or similar entry on any Alternate will cause the bid to be rejected as non-responsive only if that Alternate is selected. If no change in the bid amount is required, indicate "No Change".

****MARK "ADD" OR "DEDUCT" FOR EACH ALTERNATE****

Alternate Bid No. 1 – Schneider Electric Controls installed by Precision Control Systems, Inc.

Change the Base Bid the sum of _____
(sum in words)

_____ DOLLARS (\$_____) ADD
(sum in figures) DEDUCT

Alternate Bid No. 2 – Bell & Gossett Pumps

Change the Base Bid the sum of _____
(sum in words)

_____ DOLLARS (\$_____) ADD
(sum in figures) DEDUCT

Alternate Bid No. 3 – Chemical Water Treatment by H-O-H Chemicals

Change the Base Bid the sum of _____
(sum in words)

_____ DOLLARS (\$_____) ADD
(sum in figures) DEDUCT

Alternate Bid No. 4 – Notifier Fire Alarm System

Change the Base Bid the sum of _____
(sum in words)

_____ DOLLARS (\$_____) ADD
(sum in figures) DEDUCT

Alternate Bid No. 5 – Square D Electrical Distribution Equipment

Change the Base Bid the sum of _____
(sum in words)

_____ DOLLARS (\$_____) ADD
(sum in figures) DEDUCT

Alternate Bid No. 6 – Remodel of canopy roofing, fascia and roof framing at Entry B-101 – steel columns and foundations to remain

Change the Base Bid the sum of _____
(sum in words)

_____ DOLLARS (\$_____) ADD
(sum in figures) DEDUCT

Alternate Bid No. 7 – Work for Kitchen, Kitchen Office, Storage/Office, PE Storage, Serving and Dishwashing areas

Change the Base Bid the sum of _____
(sum in words)

_____ DOLLARS (\$_____) ADD
(sum in figures) DEDUCT

Alternate Bid No. 8 – Work for south parking lot

Change the Base Bid the sum of _____
(sum in words)

_____ DOLLARS (\$_____) ADD
(sum in figures) DEDUCT

PART II

(For projects of \$150,000 or more – IC 36-1-12-4)

These statements to be submitted under oath by each bidder with and as a part of his bid. (Attach additional pages for each section as needed.)

SECTION I EXPERIENCE QUESTIONNAIRE

1. What public works projects has your organization completed for the period of one (1) year prior to the date of the current bid?

Contract Amount	Class of Work	Completion Date	Name and Address of Owner

2. What public works projects are now in process of construction by your organization?

Contract Amount	Class of Work	Completion Date	Name and Address of Owner

3. Have you ever failed to complete any work awarded to you?_____If so, where and why?

4. List references from private firms for which you have performed work.

SECTION II PLAN AND EQUIPMENT QUESTIONNAIRE

1. Explain your plan or layout for performing proposed Work. (Examples could include a narrative of when you could begin, complete the project, number of workers, etc. and any other information which you believe would enable the governmental unit to consider your bid.)

2. Please list the names and addresses of all subcontractors (i.e. persons or firms outside your own firm who have performed part of the work) that you have used on public works projects during the past five (5) years along with a brief description of the work done by each subcontractor.

3. If you intend to sublet any portion of the work, state the name and addresses of each subcontractor, equipment to be used by the subcontractor, and whether you will required a bond. However, if you are unable to currently provide a listing, please understand a listing must be provided prior to contract approval. Until the completion of the proposed project, you are under a continuing obligation to immediately notify the governmental unit in the event that you subsequently determine that you will use a subcontractor on the proposed project.

4. What equipment do you have available to use for the proposed Project? Any equipment used by subcontractors may also be required to be listed by the governmental unit.

5. Have you into contracts or received offers for all materials which substantiate the prices used in preparing your proposal? If not, please explain the rationale used which corroborate the process listed.

SECTION III CONTRACTOR'S FINANCIAL STATEMENT

Attachment of Bidder's financial statement is mandatory. Any Bid submitted without said financial statement as required by statute shall thereby be rendered invalid. The financial statement provided hereunder to the governing body awarding the Contract must be specific enough in detail so that said governing body can make a proper determination of the Bidder's capability for completing the Project if awarded.

SECTION IV CONTRACTOR NON-COLLUSION AFFIDAVIT

The undersigned Bidder or agent, being duly sworn on oath, says that he has not, nor has any other member, representative, or agent of the firm, company, corporation or partnership represented by him, entered into any combination, collusion or agreement with any person relative to the price to be bid by anyone at such letting nor to prevent any person from bidding nor to induce anyone to refrain from bidding, and that this Bid is made without reference to any other bid and without any agreement, understanding or combination with any other person in reference to such bidding.

He further says that no person or persons, firms, or corporations has, have, or will receive directly or indirectly, any rebate, fee, gift, commission, or thing of value on account of such contract.

SECTION V OATH AND AFFIRMATION

I HEREBY AFFIRM UNDER THE PENALTIES OF PERJURY THAT THE FACTS AND INFORMATION CONTAINED IN THE FOREGOING BID FOR PUBLIC WORKS ARE TRUE AND CORRECT

Dated at _____ this _____ day of _____, 20

(Name of Organization)

By

(Title of Person Signing)

ACKNOWLEDGEMENT

STATE OF _____)
) SS:
COUNTY OF _____)

Before me, a Notary Public, personally appeared the above-named

Swore that the statements contained in the foregoing document are true and correct.

Subscribed and sworn to before me this _____ day of _____,

(Title)

Notary Public

My Commission Expires: _____

County of Residence: _____

END OF SECTION 00 31 00

SECTION 01 23 00 - ALTERNATES

ADD-03

PART 1 - GENERAL

1.01 RELATED DOCUMENTS

- A. Drawings and general provisions of the Contract, including amended General Conditions and other Division 1 Specification Sections, apply to work of this Section.

1.02 PURPOSE

- A. The Bids for the Alternates described herein are required in order for the Owner to obtain information necessary for the proper consideration of the Project in its entirety.

1.03 ALTERNATES

- A. Definitions: Alternates are defined as alternate products, materials, equipment, installations, or systems for the Work, which may, at Owner's option and under terms established by Instructions to Bidders, be selected and recorded in the Owner-Contractor Agreement to either supplement or displace corresponding basic requirements of Contract Documents. Alternates may or may not substantially change scope and general character of the Work; and must not be confused with "allowances", "unit prices", "change orders", "substitutions", and other similar provisions.

1.04 SCHEDULE OF ALTERNATES








- A. ALTERNATE NO. 1: State the cost to provide Schneider Electric Controls as installed by Precision Controls Systems, Inc., if not already included in your Base Bid.
- B. ALTERNATE NO. 2: State the cost to provide hydronic pumps manufactured by Bell & Gossett if not already included in your Base Bid.
- C. ALTERNATE NO. 3: State the cost to provide Chemical Water Treatment by H-O-H Chemicals if not already included in your Base Bid.
- D. ALTERNATE NO. 4: State the cost to provide a Fire Alarm System manufactured by Notifier if not already included in your Base Bid.
- E. ALTERNATE NO. 5: State the cost to provide Electrical Distribution Equipment manufactured by Square D if not already included in your Base Bid.

- F. ALTERNATE NO. 6: State the cost to provide new canopy structure as indicated on the Drawings for canopy at Entry B-101, including removal of the existing canopy roofing, fascia, and roof framing. Existing steel columns and foundations to remain.
- G. ALTERNATE NO. 7: State the cost to provide the work for the Kitchen, Kitchen Office, Storage/Office, PE Storage, Serving and Dishwashing areas as shown on the bid plans.
- H. ALTERNATE No. 8: State the cost to provide the work at the south parking lot as shown on bid plans.

PART 2 - PRODUCTS, PART 3 - EXECUTION (Not Used)

END OF SECTION 01 23 00

Activity Name		Original Duration	Start	Finish	2023												2024												2025											
					Oct	Nov	Dec	Jan	F	Mar	Apr	M	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	M	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	F	Mar	Apr	M	Jun	Jul		
Duneland Liberty Elementary School Renovations		462	Oct-17-22	Jul-30-24																																				
Project Administration		462	Oct-17-22	Jul-30-24																																				
Bid Phase		22	Oct-17-22	Nov-15-22																																				
Pre-Bid Meeting		0		Oct-25-22																																				
Bid Opening		0		Nov-15-22																																				
Recommendation/Award		0		Nov-30-22																																				
Notice to Proceed		0	Dec-07-22																																					
Submittals, Product Data, Shop Drawings, Samples		120	Dec-07-22	May-25-23																																				
Contracts		5	Dec-07-22	Dec-13-22																																				
Start Summer Break 2023		0	May-26-23*																																					
Start Construction		0	May-26-23																																					
Mobilization		5	May-26-23	Jun-01-23																																				
Classroom A.1 Turnover		0		Jul-14-23																																				
Classroom B.1 Turnover		0		Aug-03-23																																				
First Teacher Day 2023		0	Aug-07-23*																																					
Classroom B.2 Turnover		0		Oct-11-23																																				
Classroom B.3 Turnover		0		Dec-19-23																																				
Classroom B.4 Turnover		0		Mar-08-24																																				
Classroom A.2 Turnover		0		May-16-24																																				
Start Summer Break 2024		0	May-24-24*																																					
Admin A.3 Turnover		0		Jul-15-24																																				
Substantial Completion		0		Jul-16-24																																				
Final Punchlist Completion		10	Jul-17-24	Jul-30-24																																				
Project Completion		0		Jul-30-24																																				

<div> <div> Actual Work</div> <div> Remaining Work</div> <div> Critical Remaining Work</div> <div>  Milestone</div> <div> Summary</div> </div>	<p>220190.03. - Duneland Liberty Elementary School Renovations</p> <p>Guideline Schedule Oct-17-22</p> <p>Page 1 of 9</p>	
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Activity Name			Original Duration	Start	Finish	2023												2024												2025										
						p	Oct	Nov	Dec	Jan	F	Mar	Apr	M	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	M	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	F	Mar	Apr	M	Jun	Jul
<div></div>	Site Work		3	May-26-23	May-30-23	<div><div></div><div>Site Work</div></div>																																		
	Landscape		2	May-26-23	May-29-23	<div><div></div><div>Landscape</div></div>																																		
	Curbs and Walks		2	May-29-23	May-30-23	<div><div></div><div>Curbs and Walks</div></div>																																		
	Interior Build Out		307	May-26-23	Jul-30-24	<div><div></div><div>Interior Build Out</div></div>																																		
	Unit B Gym, Cafeteria, Corridors		45	May-26-23	Jul-28-23	<div><div></div><div>Unit B Gym, Cafeteria, Corridors</div></div>																																		
	Fire Sprinkler Mains		45	May-26-23	Jul-28-23	<div><div></div><div>Fire Sprinkler Mains</div></div>																																		
	Classroom B.1		49	May-26-23	Aug-03-23	<div><div></div><div>Classroom B.1</div></div>																																		
	Demolition		10	May-26-23	Jun-08-23	<div><div></div><div>Demolition</div></div>																																		
	Abatement		7	Jun-09-23	Jun-19-23	<div><div></div><div>Abatement</div></div>																																		
	Underground Utilites and Floor Patch		5	Jun-20-23	Jun-26-23	<div><div></div><div>Underground Utilites and Floor Patch</div></div>																																		
	Store Fronts and Glazing		5	Jun-20-23	Jun-26-23	<div><div></div><div>Store Fronts and Glazing</div></div>																																		
	Metal Stud Framing		5	Jun-27-23	Jul-03-23	<div><div></div><div>Metal Stud Framing</div></div>																																		
	In-Wall Electrical Rough-Ins		5	Jun-27-23	Jul-03-23	<div><div></div><div>In-Wall Electrical Rough-Ins</div></div>																																		
	Ductwork		5	Jun-27-23	Jul-03-23	<div><div></div><div>Ductwork</div></div>																																		
	Overhead Piping/ Sprinklers		5	Jul-05-23	Jul-11-23	<div><div></div><div>Overhead Piping/ Sprinklers</div></div>																																		
	Overhead Electrical and Technology		5	Jul-05-23	Jul-11-23	<div><div></div><div>Overhead Electrical and Technology</div></div>																																		
	Drywall and Tape		5	Jul-12-23	Jul-18-23	<div><div></div><div>Drywall and Tape</div></div>																																		
	Painting		5	Jul-19-23	Jul-25-23	<div><div></div><div>Painting</div></div>																																		
	Ceilings		3	Jul-26-23	Jul-28-23	<div><div></div><div>Ceilings</div></div>																																		
	Light Fixtures		3	Jul-26-23	Jul-28-23	<div><div></div><div>Light Fixtures</div></div>																																		
	Diffusers and Grilles		3	Jul-26-23	Jul-28-23	<div><div></div><div>Diffusers and Grilles</div></div>																																		
	Casework and Millwork		4	Jul-31-23	Aug-03-23	<div><div></div><div>Casework and Millwork</div></div>																																		
	Flooring		4	Jul-31-23	Aug-03-23	<div><div></div><div>Flooring</div></div>																																		
	Doors and Hardware		4	Jul-31-23	Aug-03-23	<div><div></div><div>Doors and Hardware</div></div>																																		

Activity Name			Original Duration	Start	Finish	2023												2024												2025										
						p	Oct	Nov	Dec	Jan	F	Mar	Apr	M	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	M	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	F	Mar	Apr	M	Jun	Jul
		Restrooms B.1		28	Jun-09-23	Jul-19-23	<div><div></div><div>Restrooms B.1</div><div>▴ Demolition</div></div>																																	
		Demolition	5	Jun-09-23	Jun-15-23	<div><div></div><div>▴ Underground Utilities and Floor Patch</div></div>																																		
		Underground Utilities and Floor Patch	2	Jun-16-23	Jun-19-23	<div><div></div><div>▴ Plumbing Rough-Ins</div></div>																																		
		Plumbing Rough-Ins	4	Jun-20-23	Jun-23-23	<div><div></div><div>▴ Metal Stud Framing</div></div>																																		
		Metal Stud Framing	2	Jun-26-23	Jun-27-23	<div><div></div><div>▴ Drywall</div></div>																																		
		Drywall	5	Jun-28-23	Jul-05-23	<div><div></div><div>▴ Tile</div></div>																																		
		Tile	4	Jul-06-23	Jul-11-23	<div><div></div><div>▴ Painting</div></div>																																		
		Painting	2	Jul-12-23	Jul-13-23	<div><div></div><div>▴ Plumbing Fixtures</div></div>																																		
		Plumbing Fixtures	2	Jul-14-23	Jul-17-23	<div><div></div><div>▴ Toilet Partitions</div></div>																																		
		Toilet Partitions	2	Jul-18-23	Jul-19-23	<div><div></div><div>▴ Toilet Accessories</div></div>																																		
		Toilet Accessories	2	Jul-18-23	Jul-19-23	<div><div></div><div></div></div>																																		
		Multi-Purpose Room C.1		5	May-26-23	Jun-01-23	<div><div></div><div>Multi-Purpose Room C.1</div><div>▴ Metal Stud Framing</div></div>																																	
		Metal Stud Framing	1	May-26-23	May-26-23	<div><div></div><div>▴ Drywall and Tape</div></div>																																		
		Drywall and Tape	3	May-26-23	May-30-23	<div><div></div><div>▴ Painting</div></div>																																		
		Painting	1	May-31-23	May-31-23	<div><div></div><div>▴ Doors and Hardware</div></div>																																		
		Doors and Hardware	1	Jun-01-23	Jun-01-23	<div><div></div><div></div></div>																																		
		Classroom A.1		35	May-26-23	Jul-14-23	<div><div></div><div>Classroom A.1</div><div>▴ Demolition</div></div>																																	
		Demolition	5	May-26-23	Jun-01-23	<div><div></div><div>▴ Abatement</div></div>																																		
		Abatement	5	Jun-02-23	Jun-08-23	<div><div></div><div>▴ Store Fronts and Glazing</div></div>																																		
		Store Fronts and Glazing	5	Jun-02-23	Jun-08-23	<div><div></div><div>▴ Overhead Piping/ Sprinklers</div></div>																																		
Overhead Piping/ Sprinklers	5	Jun-09-23	Jun-15-23	<div><div></div><div>▴ Painting</div></div>																																				
Painting	5	Jun-16-23	Jun-22-23	<div><div></div><div>▴ Ceilings</div></div>																																				
Ceilings	5	Jun-23-23	Jun-29-23	<div><div></div><div>▴ Flooring</div></div>																																				
Flooring	5	Jun-30-23	Jul-07-23																																					

Activity Name			Original Duration	Start	Finish	2023												2024												2025																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
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-  Actual Work
-  Remaining Work
-  Critical Remaining Work
-  Milestone
-  Summary

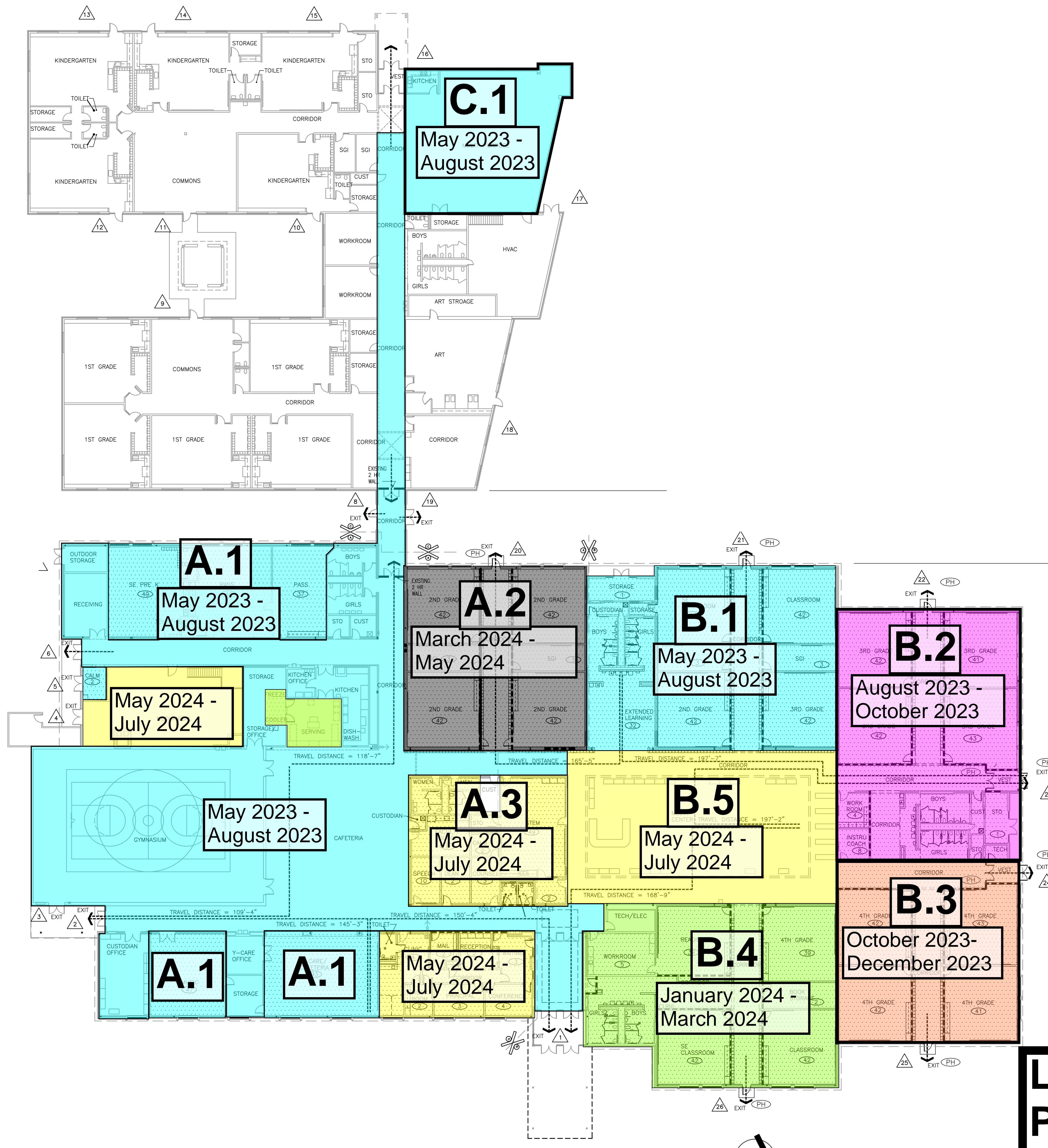
220190.03. - Duneland Liberty Elementary School Renovations
Guideline Schedule Oct-17-22

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Activity Name			Original Duration	Start	Finish	2023												2024												2025																			
						p	o	Oct	Nov	Dec	Jan	F	Mar	Apr	M	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	M	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	F	Mar	Apr	M	Jun	Jul								
<div>Project Overview</div>	<div>Timeline</div>	<div>Legend</div>	<div>Activities</div>	<div>Duration</div>	<div>Start Date</div>	<div>End Date</div>																																											
							Concrete Pads	5	Jun-14-24	Jun-20-24	▴ Concrete Pads																																						
							Set Mechanical Equipment	5	Jun-21-24	Jun-27-24	▴ Set Mechanical Equipment																																						
							Final Electrical Connections	10	Jun-28-24	Jul-11-24	▴ Final Electrical Connections																																						
							Final Piping Connections	10	Jun-28-24	Jul-11-24	▴ Final Piping Connections																																						
							Temperature Controls	13	Jul-12-24	Jul-30-24	▴ Temperature Controls																																						
							Insulation	5	Jul-12-24	Jul-18-24	▴ Insulation																																						
							Final Testing and Start Up	5	Jul-19-24	Jul-25-24	▴ Final Testing and Start Up																																						
							Chiller Replacement	48	May-24-24	Jul-30-24	▬ Chiller Replacement																																						
							Demolition	5	May-24-24	May-30-24	▴ Demolition																																						
							Paint Chiller Support	10	May-31-24	Jun-13-24	▴ Paint Chiller Support																																						
							Set Chiller	3	Jun-14-24	Jun-18-24	▴ Set Chiller																																						
							Piping Final Connection and Insulation	10	Jun-19-24	Jul-02-24	▴ Piping Final Connection and Insulation																																						
							Electrical Final Connections	10	Jun-19-24	Jul-02-24	▴ Electrical Final Connections																																						
							Temperature Controls	20	Jul-03-24	Jul-30-24	▴ Temperature Controls																																						
							Final Testing and Start Up	5	Jul-03-24	Jul-09-24	▴ Final Testing and Start Up																																						
							Air Handling Unit Replacement	43	May-31-24	Jul-30-24	▬ Air Handling Unit Replacement																																						
							Demolition	5	May-31-24	Jun-06-24	▴ Demolition																																						
							Concrete Pads	5	Jun-07-24	Jun-13-24	▴ Concrete Pads																																						
							Set Air Handling Unit	3	Jun-14-24	Jun-18-24	▴ Set Air Handling Unit																																						
							Piping Final Connection and Insulation	10	Jun-19-24	Jul-02-24	▴ Piping Final Connection and Insulation																																						
							Electrical Final Connections	10	Jun-19-24	Jul-02-24	▴ Electrical Final Connections																																						
							Temperature Controls	20	Jul-03-24	Jul-30-24	▴ Temperature Controls																																						
							Final Testing and Start Up	5	Jul-03-24	Jul-09-24	▴ Final Testing and Start Up																																						

 Actual Work  Remaining Work  Critical Remaining Work   Milestone   Summary	220190.03. - Duneland Liberty Elementary School Renovations Guideline Schedule Oct-17-22 <i>Page 9 of 9</i>	
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	May 2023 - August 2023
	August 2023 - October 2023
	October 2023 - December 2024
	January 2024 - March 2024
	March 2024 - May 2024
	May 2024 - July 2024

Liberty Elementary School Phasing Plan 11/10/2022

ADDENDUM THREE

Addendum Three (AD.03) to the drawings and specifications prepared by Gibraltar Design for **Liberty Elementary School Renovations** for Duneland School Corporation, Chesterton, Indiana.

All Contractors bidding on this project shall read all of the items covered below and shall comply with all of the requirements as set forth, including any necessary refinements or additions generated by this Addendum and required by the intent of the original contract documents. All Contractors shall acknowledge on their bid form that they have received this Addendum, Addendum One and Addendum Two, and include the appropriate content of same within their bid proposal.

SPECIFICATIONS

1. Specification Section 04 20 00 Unit Masonry

A. Delete Paragraph 2.6 A.1 in its entirety.

2. Specification Section 09 65 13 Resilient Flooring

A. Revise Paragraph 2.2 B.1 to read as follows:

"1. Wear Layer Thickness: Tarkett, 32 mils and Mannington, 40 mils."

3. Specification Section 10 11 00 Markerboards & Corkboards

A. Claridge Aspire Marker/Projection Boards is hereby approved to bid Markerboards and Projectable Markerboards for this project. All requirements of the Drawings and Specifications shall be met, including the color selections.

4. Specification Section 10 73 16 Canopies

A. JAG Metal Solutions is hereby approved to bid Canopies for this project. All requirements of the Drawings and Specifications shall be met, including the color selections.

5. Specification Section 11 40 00 Foodservice Equipment

A. Add Specification Section 11 40 00 Foodservice Equipment, included in this Addendum, to the Construction Documents.

6. Specification Section 23 05 00 Mechanical Materials and Methods

A. Delete Paragraph 2.06.F (and all subparagraphs) in its entirety.

7. Specification Section 32 12 16 Asphaltic Concrete Paving

A. Add Specification Section 32 12 16, Asphaltic Concrete Paving, included in this Addendum, to the Construction Documents.

8. Specification Section 32 17 23 Roadway and Paving Marking

A. Add Specification Section 32 17 23, Roadway and Paving Marking, included in this Addendum, to the Construction Documents.

DRAWINGS

9. Sheet G-102

- A. Refer to revised full size drawings, included in this Addendum, for revised Sheet Index.

10. Sheet S-402

- A. Refer to revised full size drawing, included in this Addendum, for notes added to clarify Detail 10/S-402.

11. Sheet AD101

- A. Refer to revised full size drawings, included in this Addendum, for the following revisions:
 - 1. Added and revised Demolition Plan Notes.
 - 2. Added demolition at bulkhead between Cafeteria A-120 and Serving A-125.
 - 3. Clarification of casework demolition at General Office A-106 and Music, A-116.
 - 4. Demolition of existing finishes at Corridor B-129.

12. Sheet AD102

- A. Refer to revised full size drawings, included in this Addendum, for the following revisions:
 - 1. Added and revised Demolition Plan Notes.
 - 2. Demolition of existing finishes at Media Center B-123

13. Sheet A-100

- A. Refer to revised full size drawings, included in this Addendum, for the following revisions:
 - 1. Added Architectural Paving Plan.

14. Sheet A-101

- A. Refer to revised full size drawings, included in this Addendum, for the following revisions:
 - 1. Added note 38 to Plan Notes.
 - 2. Update overhead bulkhead lines and add coiling overhead grill track and support at the south wall of Serving A-128.

15. Sheet A-201

- A. Refer to revised full size drawings, included in this Addendum, for the following revisions:
 - 1. Added new rooftop mechanical equipment and associated notes.

16. Sheet A-501

- A. Refer to revised full size drawings, included in this Addendum, for the following revisions:
 - 1. Added detail 7/A-501 Overhead Coiling Grille.

17. Sheet A-610

- A. Refer to revised full size drawings, included in this Addendum, for the following revisions:



1. Add additional section cuts to Aluminum Window Elevation W1.
2. Revise titles of Detail 8 and 9/A-610.
3. Add Details 10 and 11/A-610 for windows in existing wall construction without new wall furring.

18. Sheet A-730

- A. Refer to revised full size drawings, included in this Addendum, for the following revisions:
1. Casework elevation cabinet model adjustment.

19. Sheets A-801 and A-802

- A. Refer to two (2) revised full size drawings, included in this Addendum, for the following revisions:
1. Note plan finish changes.

20. Sheet A-820

- A. Refer to revised full size drawing, included in this Addendum, for the following revisions:
1. Note change in Carpet C4.

21. Sheet A-860

- A. Refer to revised full size drawings, included in this Addendum, for the following revisions:
1. Note addition of wall tile pattern elevations.

22. Sheet A-901

- A. Refer to revised full size drawings, included in this Addendum, for the following revisions:
1. Add Reflected Ceiling Plan Notes 21 and 22.
 2. Add new bulkheads between Cafeteria A-117 and Serving A-128.
 3. Add new ceilings to corridor north of Restrooms A-134 and A-135.

23. Sheet A-902

- A. Refer to revised full size drawings, included in this Addendum, for the following revisions:
1. Add Reflected Ceiling Plan Notes 21 and 22.
 2. Add new ceilings to Media Center B-107 and surrounding Corridors.

24. Sheet K-100

- A. Refer to revised full size drawing, included in this Addendum, for revisions.

25. Sheet P-001

- A. Refer to revised full size drawing, included in this Addendum, for revisions.
1. Add FS-1 to Plumbing Fixture Schedule.

26. Sheet P-101

- A. Refer to revised full size drawing, included in this Addendum, for revisions.
1. Add sanitary line in Kitchen A-130.



27. Sheet P-111

- A. Refer to revised full size drawing, included in this Addendum, for revisions.
 - 1. Add FS-1 in Kitchen A-130.

28. Sheet MV-101

- A. Refer to revised full size drawing, included in this Addendum, for the following revisions:
 - 1. Revised exhaust ductwork in Storage A-126.
 - 2. Added VRF system to Kitchen A-130.

29. Sheet MP-101

- A. Refer to revised full size drawing, included in this Addendum, for VRF system added to Kitchen A-130.

30. Sheet M-201

- A. Refer to revised full size drawing, included in this Addendum, for the following revisions:
 - 1. Added exhaust fan rebalance notes.
 - 2. Added roof mounted condensing unit and refrigerant piping.

31. Sheet M-202

- A. Refer to revised full size drawing, included in this Addendum, for Added exhaust fan rebalance notes.

32. Sheet M-501

- A. Refer to revised full size drawing, included in this Addendum, for the following revisions:
 - 1. Added VRF Diagram.
 - 2. Added VRF Schedule.
 - 3. Added VRF Condensing unit to Mechanical Equipment Schedule.

33. Sheet M-601

- A. Refer to revised full size drawing, included in this Addendum, for added hot water piping diagram.

34. Sheet E-001

- A. Refer to revised full size drawing, included in this Addendum, for added TV symbol.

35. Sheets ED101 and ED102

- A. Refer to two (2) revised full size drawings, included in this Addendum, for existing lighting demolition revised in Media Center.

36. Sheets EL101 and EL102

- A. Refer to two (2) revised full size drawings, included in this Addendum, for existing lighting replaced in Media Center.

37. Sheets EP101 and EP102

- A. Refer to two (2) revised full size drawings, included in this Addendum, for added Kitchen scope "Alternate Bid".

38. Sheet E-201

- A. Refer to revised full size drawing, included in this Addendum, for condensing unit added to floor plan.

**39. Sheet E-602**

- A. Refer to revised full size drawing, included in this Addendum, for revised Mechanical Connection Schedule.

40. Sheet E-603

- A. Refer to revised full size drawing, included in this Addendum, for added Kitchen Equipment Schedule.

41. Sheet E-604

- A. Refer to revised full size drawing, included in this Addendum, for revised one-line diagram for emergency power.

42. Sheet T001

- A. Replace this sheet with the one being issued in this Addendum.

43. Sheet T101

- A. Refer to revised full size drawing, included in this Addendum, for revisions.
 - 1. Change local input outlet to data outlet location in kitchen office A-129.
 - 2. Change local input outlet to data outlet location in Storage / Office A-126.
 - 3. Remove POS location and relocate other to wall in Serving A-128.

Pages 1 through 5, inclusive, Specification Sections 11 40 00, 32 12 16, and 32 17 23; and Thirty-nine (39) Full-Size Drawings, constitutes the total makeup of **Addendum Three**.

**GIBRALTAR**

DESIGN

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GIBALTAR DESIGN

ARCHITECTURE • ENGINEERING • INTERIOR DESIGN

PROJECT

LIBERTY ELEMENTARY SCHOOL - RENOVATIONS

DUNELAND SCHOOL CORPORATION
CHESTERTON, INDIANA

GIBALTAR DESIGN

9102 N. Meridian St., Ste. 300
Indianapolis, IN 46260
Homepage: www.GibraltarDesign.com
Email: info@GibraltarDesign.com
Phone: 317.580.5777 Fax: 317.580.5778

PROJECT

21-137

DATE

10/17/22

COORDINATED BY

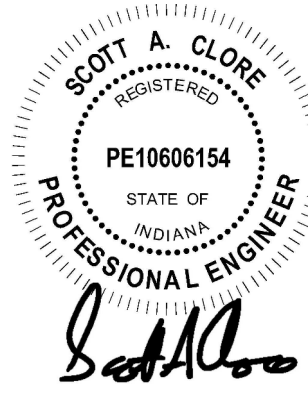
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CHECKED BY

SAC



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REVISIONS

MARK	DATE	ISSUED FOR
AD-1	10.26.2022	ADDENDUM #1
AD-3	11.09.2022	ADDENDUM #3

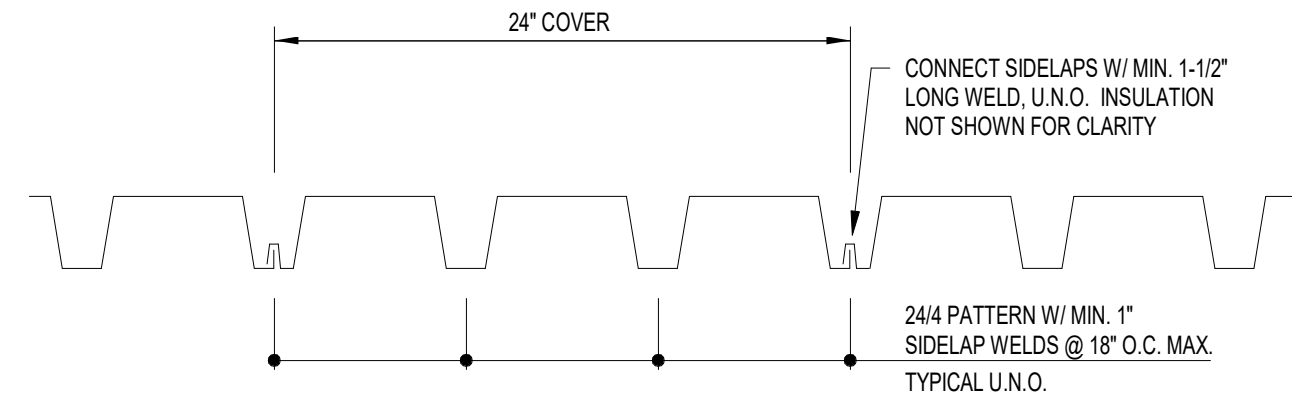
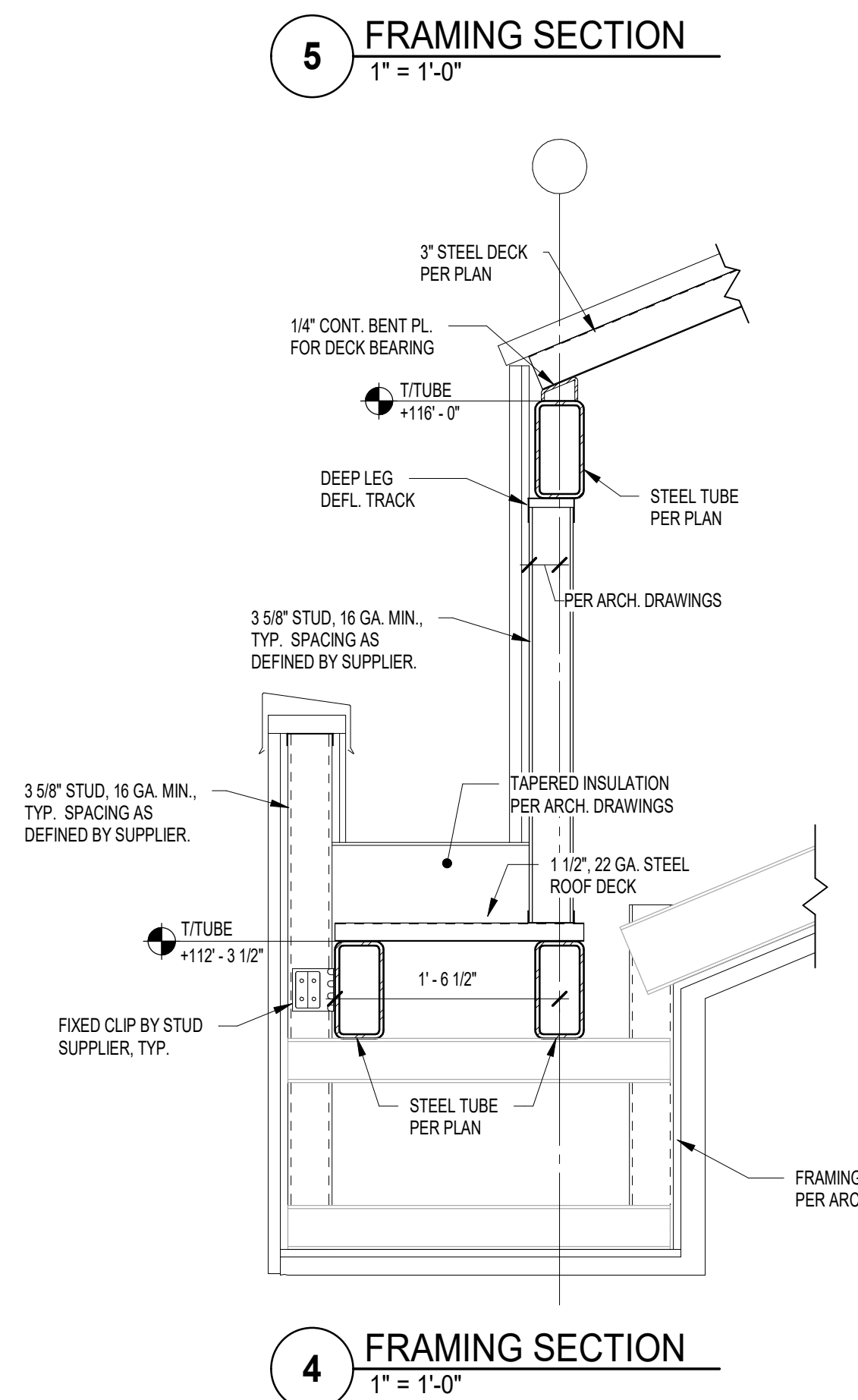
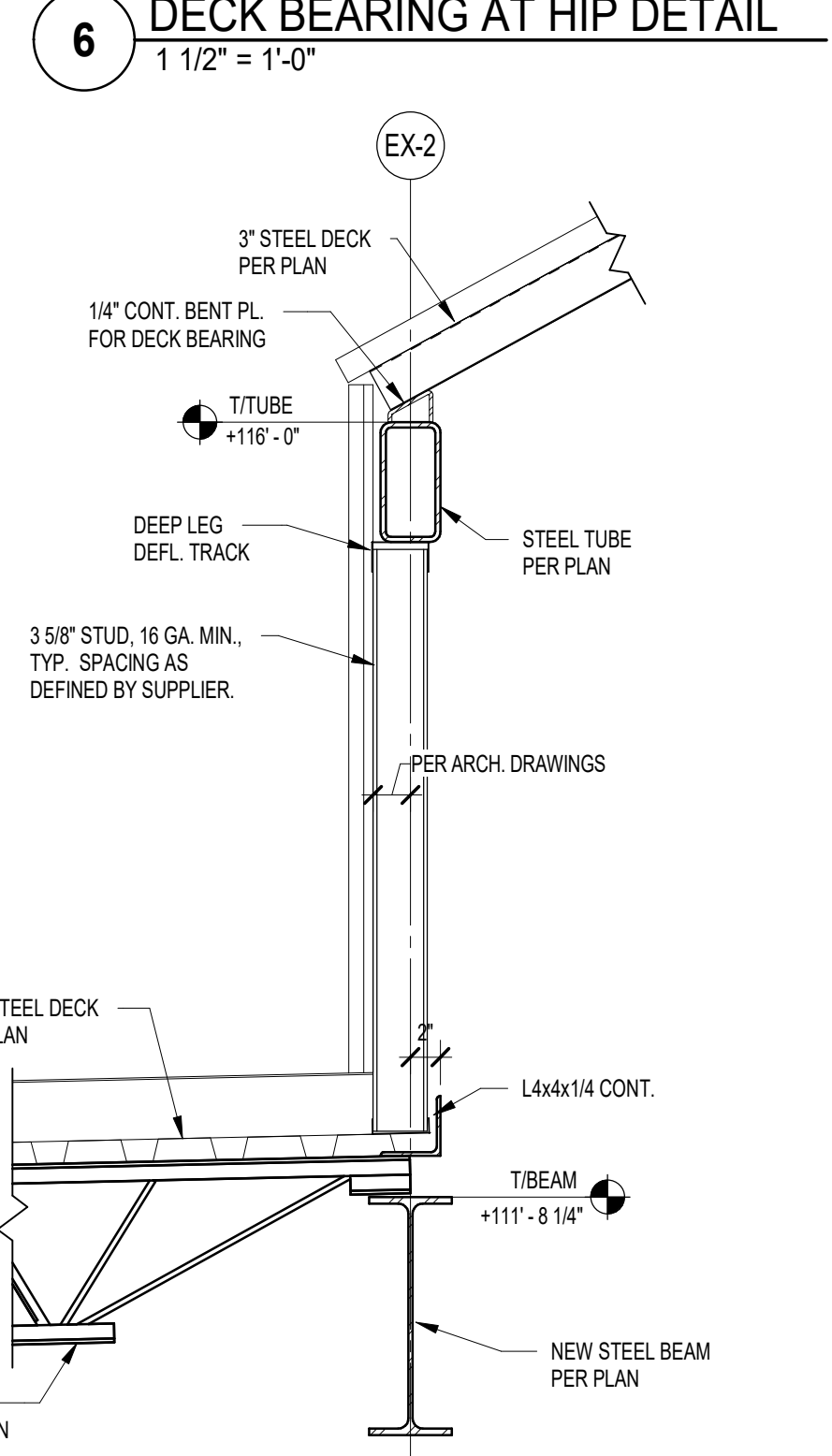
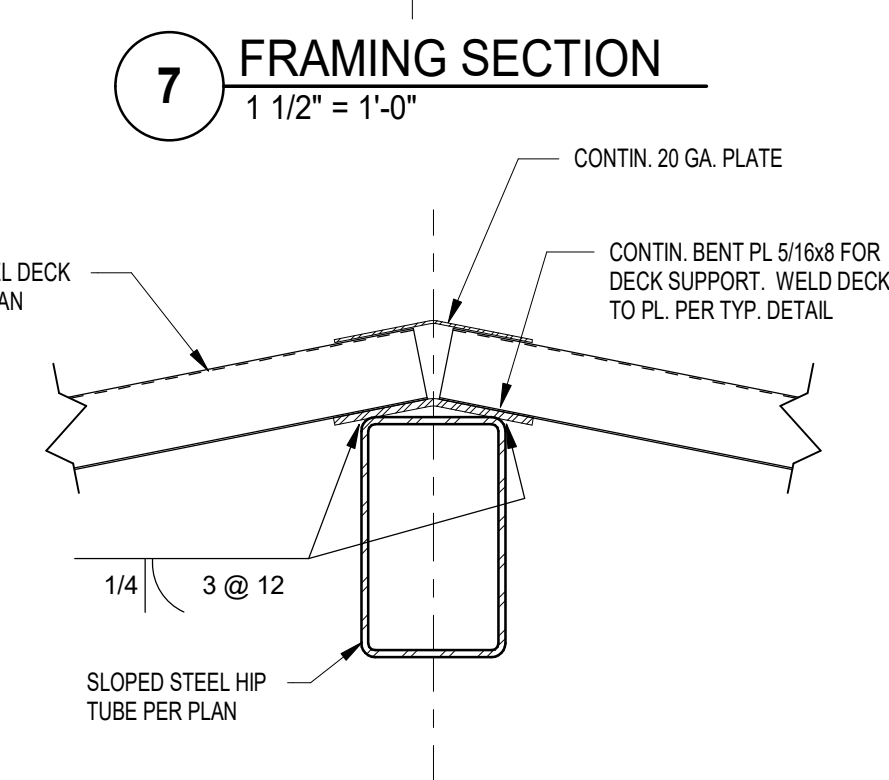
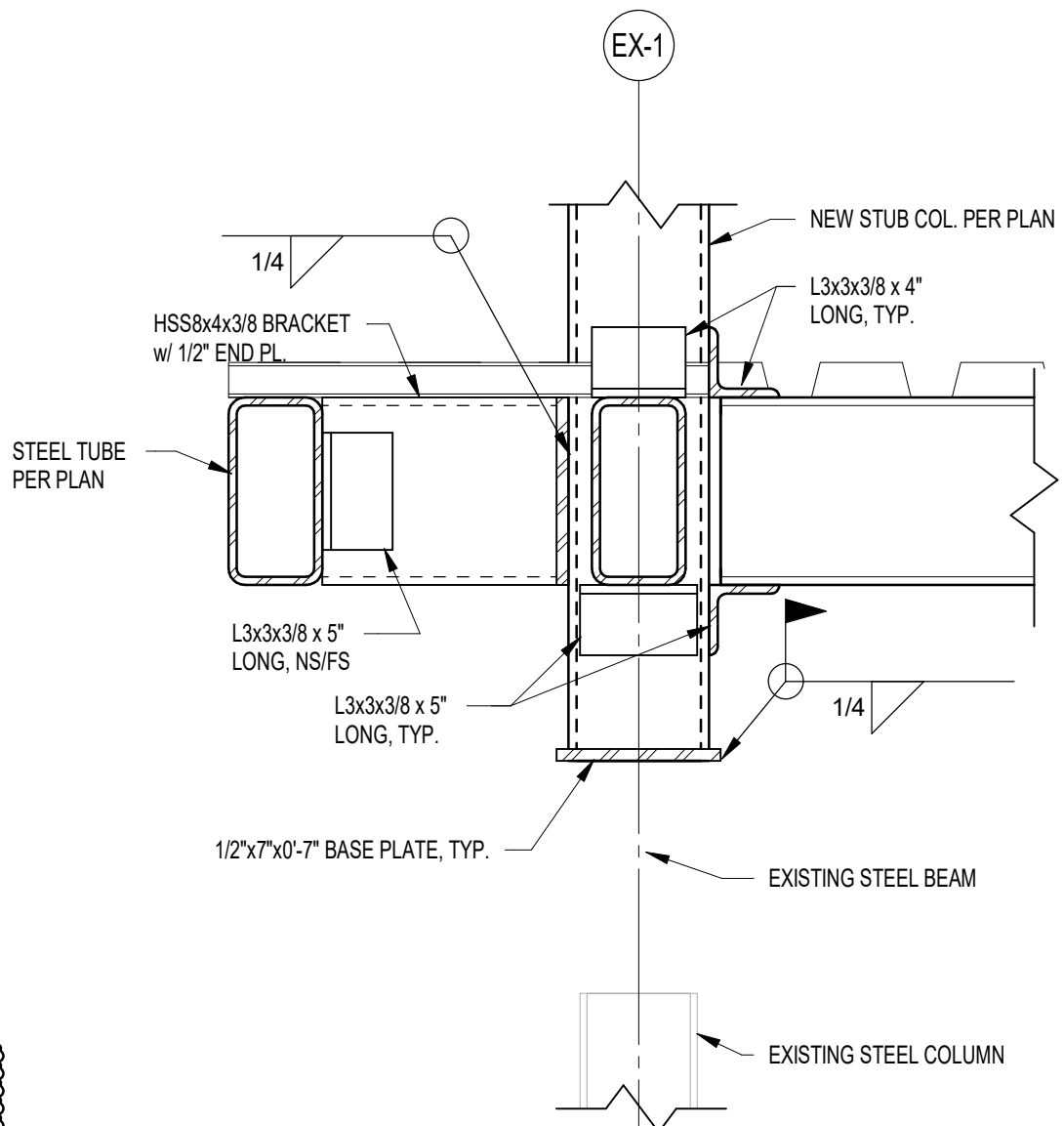
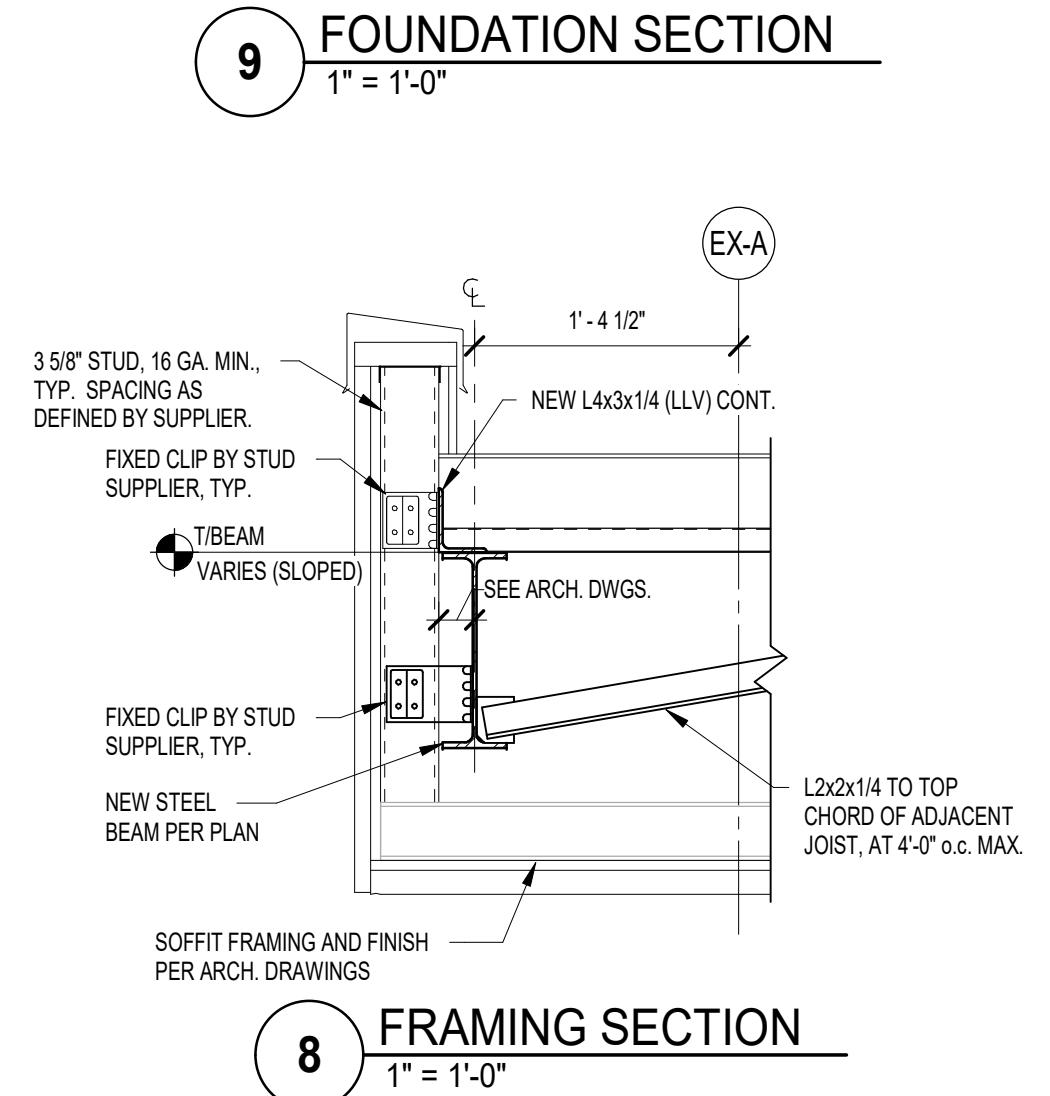
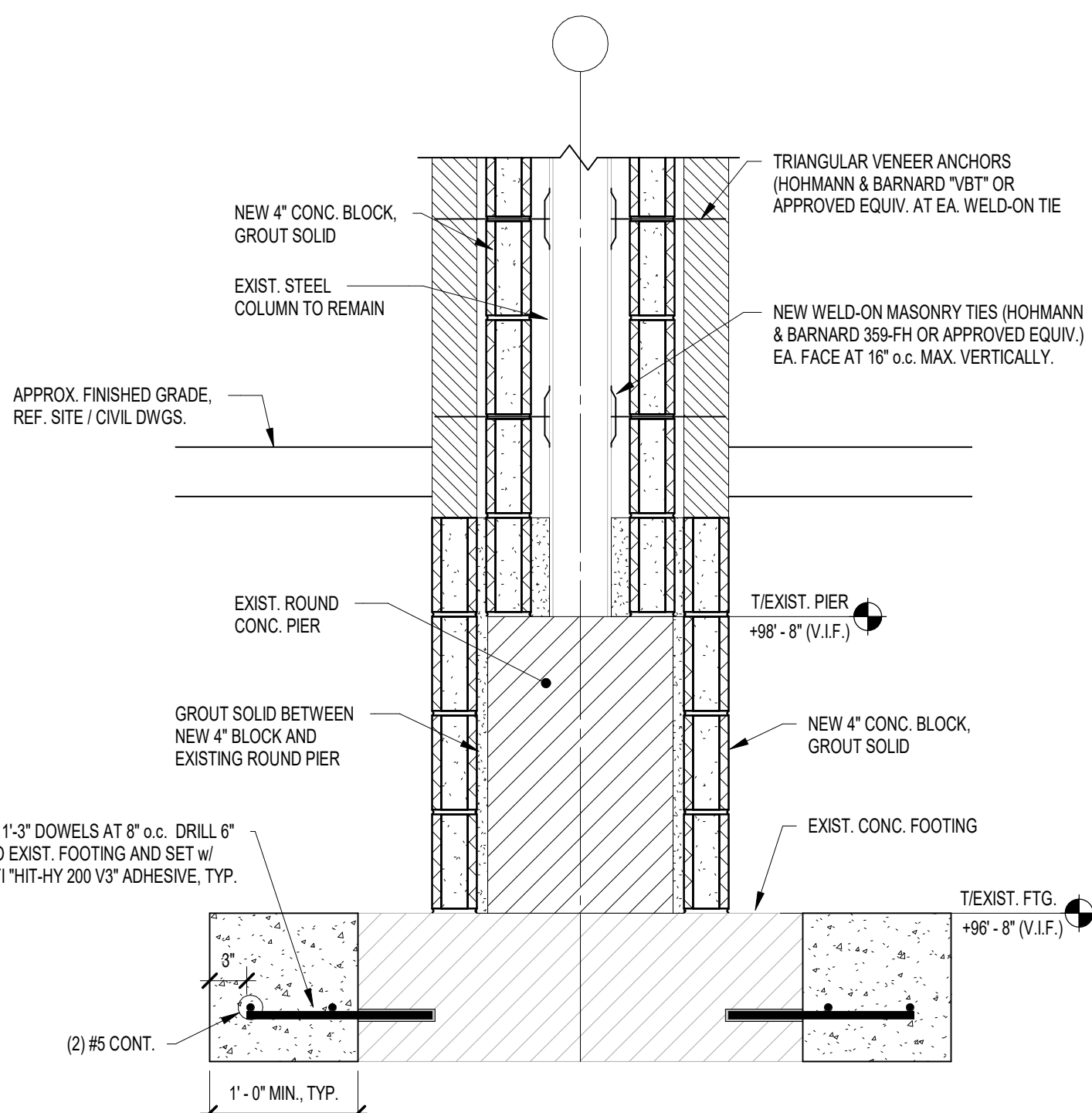
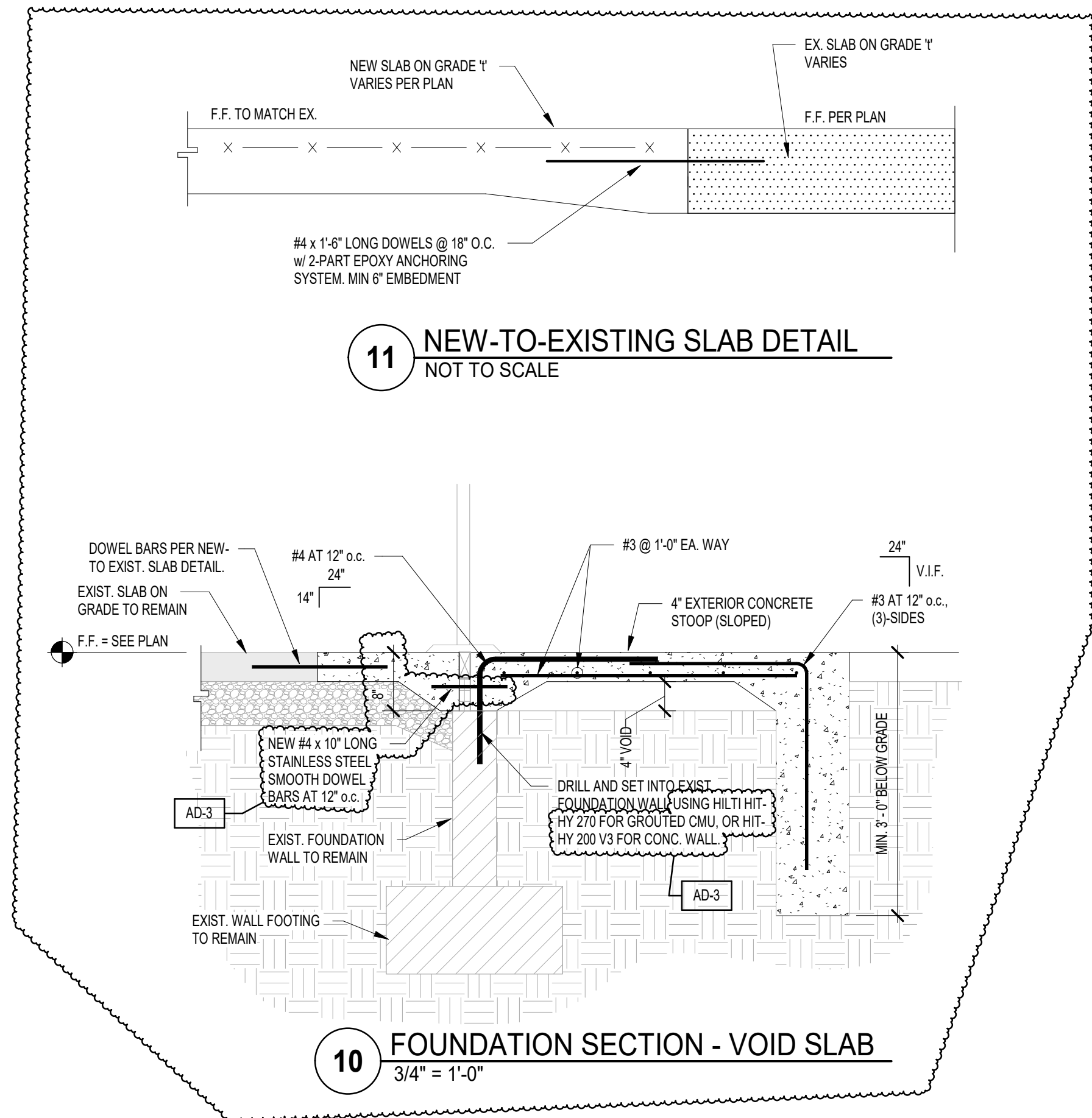
DRAWING STRUCTURAL SECTIONS & DETAILS

PROJECT
LIBERTY ES - RENOVATIONS

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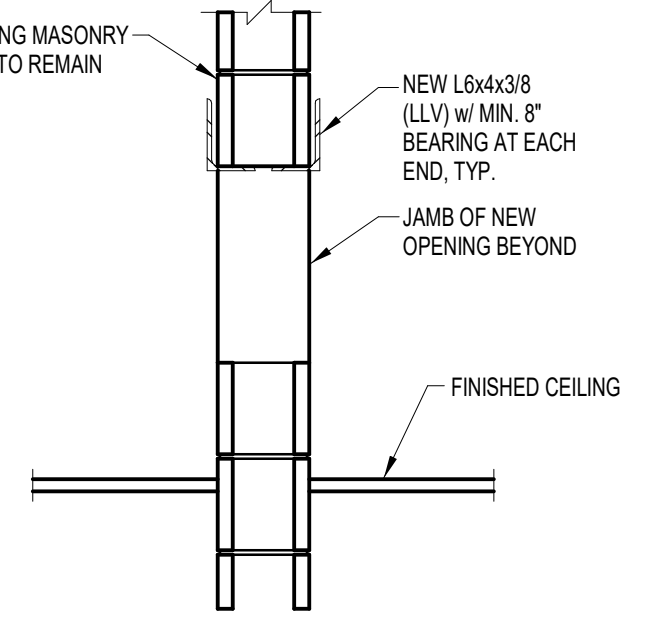
SHEET

S-402

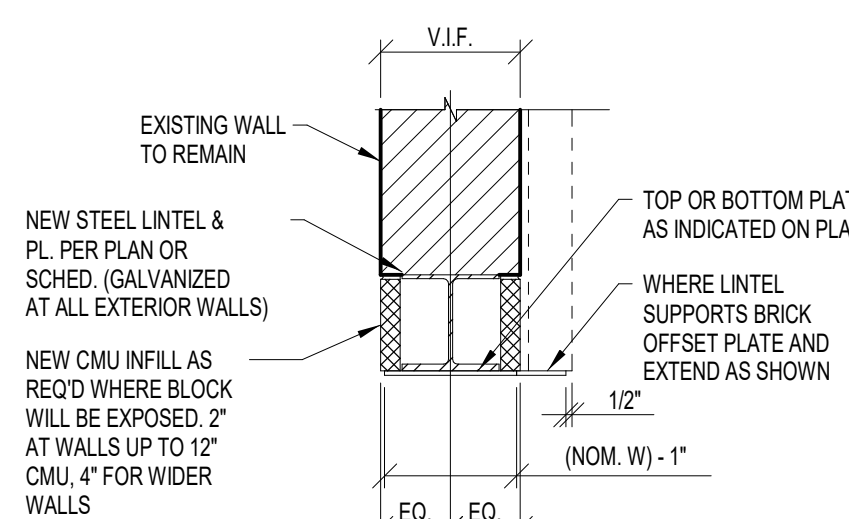


- NOTE:
- 3", 18 GA. PRIME PAINTED DEEP RIB STEEL ROOF DECK.
 - ALL WELDS TO SUPPORTING STRUCTURE SHALL BE 5/8" DIA. PUDDLE WELDS.
 - MECHANICAL FASTENERS MAY BE USED IN LIEU OF WELDS.
 - USE THE FOLLOWING HILTI POWER ACTUATED FASTENERS:
USE XEDN22 THQ12HSN FOR STEEL 1/8" THROUGH 1/4"
USE XEDN19 THQ12HSN FOR STEEL 3/16" THROUGH 3/8"
USE THE FOLLOWING ITW-BUILDEX POWER ACTUATED FASTENERS:
USE BX12 FOR STEEL 1/8" THROUGH 3/16"
USE BX14 FOR STEEL 1/4" OVER 3/16" THROUGH 3/8"
USE #10 TEK SCREWS FOR FASTENING TO COLD-FORMED STEEL.
 - SUBMIT PROPOSED FASTENERS & TECHNICAL DATA FOR REVIEW.
4. REFER TO SPECIFICATIONS FOR ADDITIONAL INFORMATION.

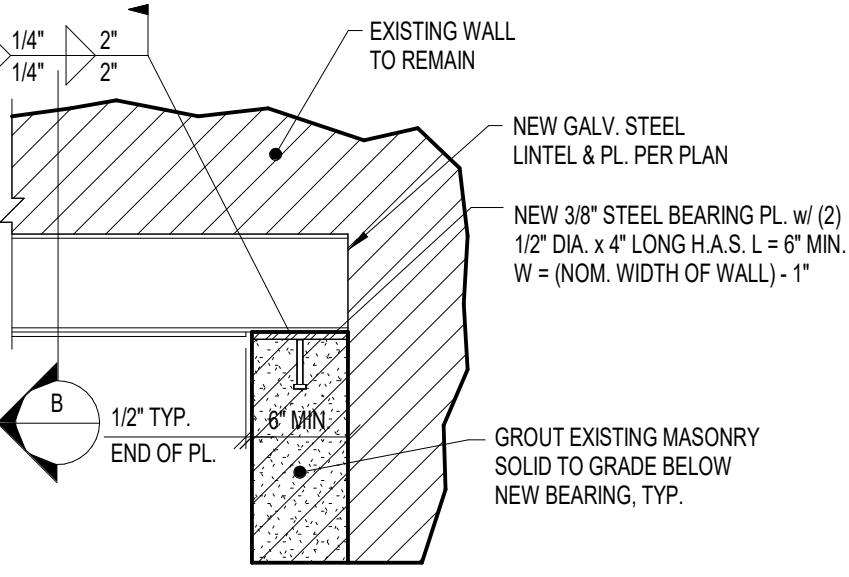
3" DEEP RIB STEEL ROOF DECK NOT TO SCALE



'C' OPENING ABOVE CEILING < 32" WIDE

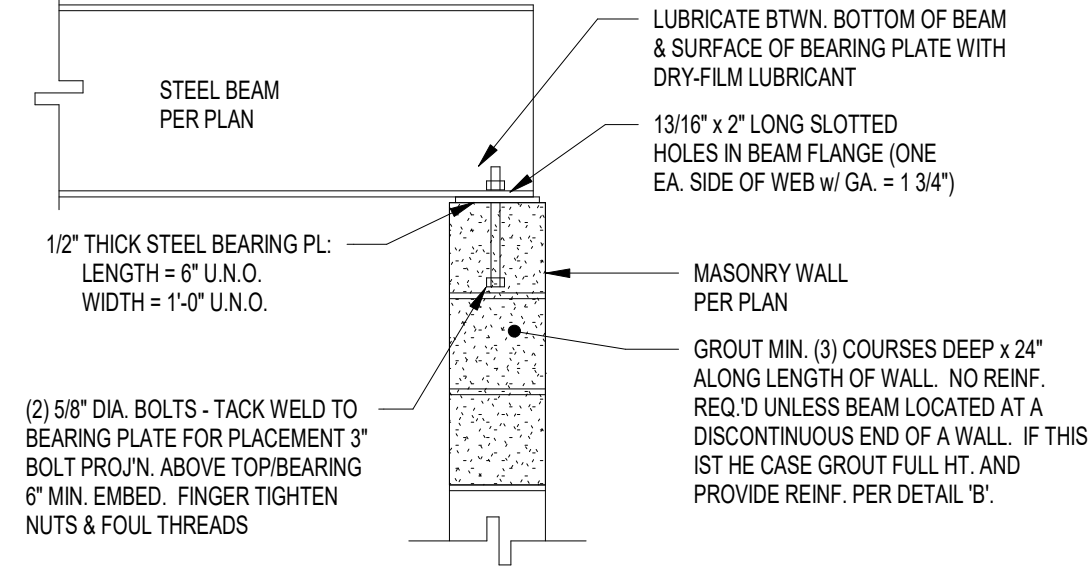


'B' SECTIONVIEW

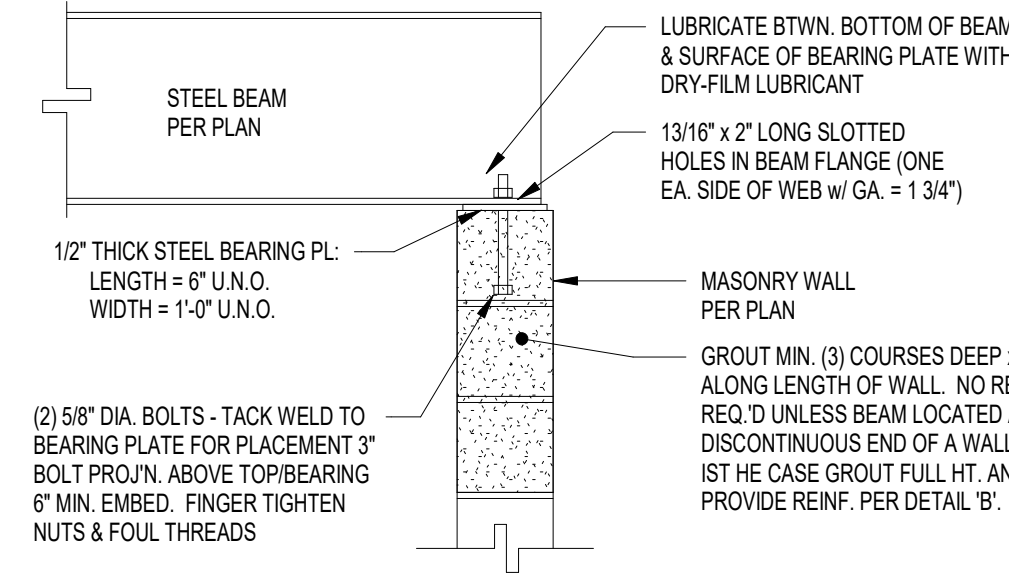


'A' ELEVATION VIEW

2 STEEL LINTEL BEARING DETAILS - EXISTING CMU WALL 3/4" = 1'-0"



DETAIL A: BEAM PERPENDICULAR TO WALL



DETAIL A: BEAM PERPENDICULAR TO WALL

1 STEEL LINTEL BEARING DETAILS - NEW CMU WALL 3/4" = 1'-0"

DEMOLITION PLAN NOTES (CONTINUED):

- (ALL PLAN NOTES MAY NOT BE INDICATED ON THIS SHEET.)
- 52 REMOVE EXISTING BULKHEAD, CURTAIN TRACK, AND SUPPORT BEAM IN ITS ENTIRETY.
- 53 CAREFULLY REMOVE, STORE, AND REINSTALL EXISTING MEDIA SHELVING AS DIRECTED BY OWNER.

DEMOLITION PLAN NOTES (CONTINUED):

- (ALL PLAN NOTES MAY NOT BE INDICATED ON THIS SHEET.)
- 47 CAREFULLY REMOVE AND STORE WATER CLOSETS AND ACCESS PANELS FOR RE-INSTALLATION AS PART OF THIS PROJECT.
- 48 ALTERNATE: REMOVE ROOFING, FLASHING, ROOF DRAIN, FASCIA, SOFFIT, METAL DECK AND OPEN WEB BAR JOISTS AT EXISTING ENTRANCE CANOPY. WIDE FLANGE STEEL BEAMS AND COLUMNS TO REMAIN.
- 49 TEMPORARILY REMOVE, STORE AND RELOCATE EXISTING MARKER BOARD.
- 50 TEMPORARILY REMOVE, STORE AND RELOCATE EXISTING CASEWORK/MILLWORK/SHELVING, PATCH AND PREP FOR NEW FINISHES.
- 51 REMOVE, MODIFY OR RELOCATE EXISTING KITCHEN EQUIPMENT. REFER TO KITCHEN DRAWINGS.

GENERAL DEMOLITION NOTES:

- A. FOR GENERAL PROJECT NOTES, MATERIAL INDICATIONS LEGEND, SYMBOL LEGEND, ABBREVIATIONS, ETC., REFER TO G1 SERIES SHEETS.
- B. UNLESS NOTED OTHERWISE ON THIS SHEET, THE GENERAL CONTRACTOR IS RESPONSIBLE FOR ALL DEMOLITION AND REMOVAL WORK INDICATED ON THIS SHEET.
- C. CONTRACTORS ENCOUNTERING EXISTING MATERIAL WHICH IS SUSPECTED OF CONTAINING ASBESTOS SHALL STOP WORK IMMEDIATELY AND NOTIFY THE OWNER AND THE OWNERS REPRESENTATIVE.
- D. BOLD DASHED LINES INDICATE EXISTING ITEMS TO BE REMOVED UNLESS OTHERWISE NOTED. THE CONTRACTOR SHALL BE RESPONSIBLE FOR FIELD VERIFYING THE EXTENT OF DEMOLITION WORK PRIOR TO BIDDING AND FOR COORDINATING THE EXTENT OF DEMOLITION WITH THE INSTALLATION OF NEW SYSTEMS.
- E. EACH CONTRACTOR SHALL BE RESPONSIBLE FOR ALL DEMOLITION APPLICABLE TO THEIR SCOPE OF WORK AND AS REQUIRED FOR INSTALLATION OF NEW WORK WHETHER OR NOT IT IS SPECIFICALLY INDICATED OR NOTED IN THESE DOCUMENTS.
- F. REMOVE ALL ITEMS AND FINISHES MADE OBSOLETE BY NEW CONSTRUCTION. VERIFY ITEMS DEEMED OBSOLETE WITH ARCHITECT PRIOR TO REMOVAL. REFER TO NEW CONSTRUCTION DRAWINGS FOR DEMOLITION REQUIRED NOT SHOWN ON DEMOLITION PLANS.
- G. EACH CONTRACTOR SHALL BE RESPONSIBLE FOR SITE REMOVAL OF ALL DEMOLITION MATERIALS AND/OR ITEMS UNLESS NOTED OTHERWISE OR DIRECTED BY THE OWNER.
- H. PRIOR TO STARTING DEMOLITION, CONSTRUCT DUST CONTROL BARRIERS TO PREVENT THE SPREAD OF DUST INTO SURROUNDING AREAS (WHERE APPLICABLE).
- I. WHERE BUILDING EGRESS IS REQUIRED TO PASS THROUGH DEMOLITION AREAS, PROVIDE APPROVED BARRIERS, ETC. TO ENSURE SAFETY OF THE PUBLIC.
- J. RELOCATED ITEMS SHALL BE CLEANED AND PLACED IN STORAGE. PER OWNERS' DIRECTION, UNTIL ITEMS ARE READY TO BE INSTALLED. IF ITEMS ARE DAMAGED DURING DEMOLITION OR RELOCATION, THEY SHALL BE REPAIRED OR REPLACED WITH NEW ITEMS AS APPROVED.
- K. DEMOLITION SHALL BE PERFORMED WITHOUT DAMAGE TO EXISTING CONSTRUCTION TO REMAIN. WHERE SUCH DAMAGE OCCURS, PATCH, REPAIR, OR RESTORE WALLS, FLOORS, CEILING, ETC. NEATLY TO MATCH EXISTING ADJACENT SURFACE. PROVIDE SHORING, BRACING, OR SUPPORT AS REQUIRED TO PREVENT MOVEMENT OR SETTLEMENT OF EXISTING STRUCTURES.
- L. EACH CONTRACTOR IS RESPONSIBLE FOR CUTTING, PATCHING, AND DISCONNECTION OF ITEMS APPLICABLE TO THEIR SCOPE OF WORK. WHERE EXISTING SERVICES ARE ABANDONED, CAP AT LEAST 1" BEHIND NEW FINISHES AND/OR EXISTING SURFACE AND PATCH TO RECEIVE NEW FINISHES OR MATCH EXISTING FINISH.
- M. ON WALLS THAT ARE TO RECEIVE NEW FINISHES, REMOVE AND REINSTALL EXISTING EQUIPMENT TO REMAIN AS REQUIRED FOR INSTALLATION OF NEW FINISHES.
- N. WHERE WALLS OR BULKHEADS ARE REMOVED, PATCH FLOORS, CEILINGS, AND ADJACENT WALLS AS REQUIRED TO MATCH EXISTING OR RECEIVE NEW FINISHES WHERE APPLICABLE. WHERE EXISTING DUCTWORK, PIPING, OR EQUIPMENT IS REMOVED, PATCH OPENINGS AND/OR SURFACES TO MATCH ADJACENT SURFACES OR RECEIVE NEW FINISHES WHERE APPLICABLE. REFER TO ALL DEMOLITION DRAWINGS FOR EXTENT OF ITEMS TO BE REMOVED.
- O. OVER CUT NEW OPENINGS IN EXISTING WALL AS REQUIRED FOR NEW CONSTRUCTION. PATCH AND REPAIR WALLS TO MATCH EXISTING. WHERE APPLICABLE, TOOTH NEW MASONRY INTO EXISTING MASONRY.
- P. ALL EQUIPMENT AND FURNITURE WHICH ARE CONSIDERED LOOSE FURNISHING SHALL BE REMOVED BY THE OWNER PRIOR TO DEMOLITION.
- Q. MASONRY WALLS TO BE REMOVED SHALL BE REMOVED TO A POINT 2" MINIMUM BELOW THE EXISTING FLOOR SLAB UNLESS SETTING ON A SLAB OR SPECIFICALLY NOTED OTHERWISE. PATCH WITH NEW CONCRETE TO BE FLUSH WITH THE EXISTING FLOOR SLAB.
- R. EACH CONTRACTOR SHALL BE RESPONSIBLE FOR GENERAL REVIEW OF DEMOLITION NOTES AND GENERAL DEMOLITION NOTES AS THEY APPLY TO THEIR SCOPE OF WORK.
- S. THE OWNER SHALL RESERVE THE RIGHT TO CLAIM ANY MATERIALS THAT ARE BEING DEMOLISHED PRIOR TO THE CONTRACTOR DISPOSING OF THEM OFF SITE.
- T. REFER TO THE STRUCTURAL, MECHANICAL, PLUMBING, ELECTRICAL AND TECHNOLOGY DOCUMENTS FOR COMPLETE SCOPE OF DEMOLITION WORK.
- U. "FLOORING" DENOTES FLOOR COVERING MATERIALS INCLUDING BACKING, ADHESIVES, AND BASES DOWN TO BUT EXCLUSIVE OF FLOOR SLABS AND STRUCTURAL MATERIALS UNLESS NOTED OTHERWISE.
- V. DEMOLITION IS TO FOLLOW ESTABLISHED CONSTRUCTION SEQUENCE. REFER TO SPECIFICATIONS AND DRAWINGS FOR REQUIREMENTS AND SPECIAL CONDITIONS.
- W. WHERE APPLICABLE SALVAGE EXISTING MASONRY (FACE BRICK, GLAZED CMU, FACING TILE) AS REQUIRED FOR PATCHING AND INFILL IN RENOVATED AREAS WHERE INDICATED. DISCARD UNUSED PORTION OFF SITE.

DEMOLITION PLAN NOTES:

- (ALL PLAN NOTES MAY NOT BE INDICATED ON THIS SHEET.)
- 1 REMOVE WALL MOUNTED PROJECTOR, SALVAGE FOR REINSTALLATION.
- 2 REMOVE ACOUSTICAL BOARD CEILING SYSTEM IN ITS ENTIRETY.
- 3 REMOVE CARPET FLOORING SYSTEM IN ITS ENTIRETY. PREPARE FLOOR FOR NEW FINISHES.
- 4 REMOVE ALL WALL ACCESSORIES MADE OBSOLETE BY NEW CONSTRUCTION. PATCH AND REPAIR WALL AS REQUIRED TO ACCEPT NEW FINISHES.
- 5 REMOVE VOT/SHEET VINYL FLOORING SYSTEM IN ITS ENTIRETY. PREPARE FLOOR FOR NEW FINISHES.
- 6 REMOVE WALL MOUNTED T.V. IN ITS ENTIRETY. TURN OVER TO OWNER.
- 7 REMOVE TACK BOARD, MARKER BOARD OR CHALKBOARD IN THEIR ENTIRETY. PATCH WALL TO RECEIVE NEW FINISHES.
- 8 REMOVE EXISTING DEMOUNTABLE PARTITIONS INCLUDING BUT NOT LIMITED TO DOORS, FRAMES, AND BORROWED LIGHTS.
- 9 REMOVE METAL STUD AND PLASTER/GYPSUM BOARD WALL IN ITS ENTIRETY. PATCH AND REPAIR ADJACENT WALL AND FLOOR TO ACCEPT NEW FINISHES.
- 10 REMOVE PLUMBING FIXTURE IN ITS ENTIRETY. CUT AND CAP LINE BELOW WALL OR FLOOR SURFACE. UNLESS OTHERWISE NOTED ON PLUMBING DRAWINGS PATCH AND REPAIR FLOOR AND/OR WALL TO ACCEPT NEW FINISHES.
- 11 REMOVE TOILET PARTITIONS IN THEIR ENTIRETY.
- 12 REMOVE CURTAIN TRACK AND SUPPORT IN ITS ENTIRETY.
- 13 REMOVE HOLLOW METAL DOOR, FRAME AND HARDWARE IN ITS ENTIRETY.
- 14 REMOVE HOLLOW METAL DOOR, FRAME, HARDWARE AND METAL WALL SYSTEM IN ITS ENTIRETY.
- 15 REMOVE CASEWORK/MILLWORK IN ITS ENTIRETY. PATCH AND REPAIR WALL AND FLOOR AS REQUIRED TO ACCEPT NEW FINISHES.
- 16 NOT USED.
- 17 REMOVE WINDOW IN ITS ENTIRETY.
- 18 REMOVE WOOD CUBBIES IN ITS ENTIRETY. PREPARE WALL FOR NEW FINISHES.
- 19 REMOVE ACCORDION PARTITION, DOOR AND SUPPORTING STRUCTURE ABOVE IN THEIR ENTIRETY.
- 20 REMOVE PORTION OF METAL STUD AND GYPSUM BOARD/PLASTER WALL AS REQUIRED TO INSTALL NEW DOOR.
- 21 REMOVE EXISTING THICK SET TERRAZZO INCLUDING SETTING BED AND PREP FLOOR TO RECEIVE NEW CONCRETE TOPPING AND CERAMIC TILE. REFER TO STRUCTURAL DRAWINGS.
- 22 EXISTING STEEL COLUMN TO REMAIN. PROTECT FROM DAMAGE.
- 23 REMOVE EQUIPMENT AS NEEDED. TURN OVER TO OWNER.
- 24 REMOVE WALL COVERING IN ITS ENTIRETY. PREPARE WALL FOR NEW FINISHES.
- 25 REMOVE STAFF MAILBOX IN ITS ENTIRETY.
- 26 REMOVE FIRE EXTINGUISHER. TURN OVER TO OWNER. PATCH AND REPAIR WALL AS REQUIRED TO RECEIVE NEW FINISHES.
- 27 REMOVE PORTION OF PRECAST CONCRETE PANEL AS REQUIRED TO INSTALL NEW DOOR.
- 28 REMOVE TOILET ACCESSORIES AND TURN OVER TO THE OWNER.
- 29 REMOVE ELECTRICAL PANELS. REFER TO ELECTRICAL DRAWINGS.
- 30 ALTERNATE: REMOVE ENTIRE CANOPY INCLUDING STEEL FRAMING, ROOFING, AND CONCRETE FOOTINGS AS REQUIRED FOR NEW CONSTRUCTION.
- 31 REMOVE INTERIOR WINDOW IN ITS ENTIRETY.
- 32 REMOVE RECEPTION COUNTER AND WALL IN ITS ENTIRETY. PATCH AND PREPARE FOR NEW WINDOW AND DOOR.
- 33 EXISTING PLASTER/GYPSUM BOARD CEILING TO REMAIN. CUT AND PATCH FOR MECHANICAL, ELECTRICAL, PLUMBING OR FIRE PROTECTION WORK.
- 34 REMOVE PLASTER AND METAL LATH ON METAL STUD BULKHEAD IN ITS ENTIRETY.
- 35 TEMPORARILY REMOVE, STORE AND REPLACE CEILING PADS, AND GRID FOR MECHANICAL, ELECTRICAL, PLUMBING OR FIRE PROTECTION WORK. REPLACE ALL TILES DAMAGED DURING REMOVAL AND REINSTALLATION.
- 36 REMOVE CEILING PADS, EXISTING GRID TO REMAIN. CLEAN AND PREP FOR NEW PAINT.
- 37 REMOVE PORTION OF WALL AS REQUIRED FOR INSTALLATION OF CARRIER AT NEW URINAL OR WATER CLOSET.
- 38 REMOVE EXISTING ALUMINUM STOREFRONT IN ITS ENTIRETY.
- 39 REMOVE PARTIAL HEIGHT WALL INCLUDING BUT NOT LIMITED TO TILE, MARBLE COUNTERTOP, GYPSUM/PLASTER, AND METAL STUDS.
- 40 REMOVE FIN TUBE RADIATOR IN ITS ENTIRETY. CUT AND CAP LINE BELOW WALL OR FLOOR SURFACE. REFER TO PLUMBING DRAWINGS. PATCH AND REPAIR FLOOR AND/OR WALL TO ACCEPT NEW FINISHES.
- 41 REMOVE FIRE EXTINGUISHER AND CABINET AND TURN OVER TO OWNER. PATCH WALL AS REQUIRED FOR NEW AND EXISTING TO BE SMOOTH AND FLUSH WITH NO VISIBLE JOINTS.
- 42 REMOVE CABINET HEATER IN ITS ENTIRETY. CUT AND CAP LINE BELOW WALL OR FLOOR SURFACE. REFER TO PLUMBING DRAWINGS. PATCH AND REPAIR FLOOR AND/OR WALL AS REQUIRED TO ACCEPT NEW FINISHES.
- 43 REMOVE ALUMINUM STOREFRONT IN ITS ENTIRETY. PATCH ADJACENT WALLS DAMAGED DURING REMOVAL WITH NEW GYPSUM BOARD.
- 44 REMOVE EXISTING DEPRESSED MAT IN ITS ENTIRETY. PREPARE SUBSTRATE FOR NEW FINISH.
- 45 REMOVE COVE PORTION OF EXISTING WALL TILE AS REQUIRED FOR INSTALLATION OF NEW FINISHES.
- 46 REMOVE CHASE VENTS AND STAINLESS STEEL COVER PLATES FROM EXISTING TILE WALLS AND PREP FOR NEW FINISH.



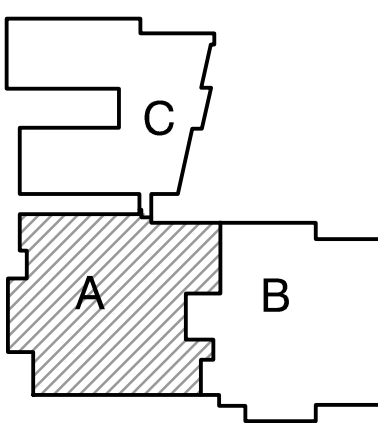
GIBRALTAR
DESIGN

ARCHITECTURE • ENGINEERING • INTERIOR DESIGN

PROJECT

**LIBERTY
ELEMENTARY
SCHOOL -
RENOVATIONS**

DUNELAND SCHOOL CORPORATION
CHESTERTON, INDIANA



KEY PLAN

GIBRALTAR DESIGN

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Indianapolis, IN 46260
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PROJECT

21-137

DATE

10/17/22

COORDINATED BY

MMM

DRAWN BY

MMM

CHECKED BY

DJW

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REVISIONS

MARK	DATE	ISSUED FOR
AD-2	11/02/22	ADDENDUM NO. 2
AD-3	11/09/22	ADDENDUM NO. 3

DRAWING

**UNIT "A" ARCHITECTURAL
FIRST FLOOR DEMOLITION
PLAN**

PROJECT

LIBERTY ES - RENOVATIONS

DRAWING

LIBERTY ES - RENOVATIONS

DRAWING

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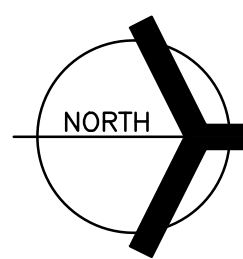
LIBERTY ES - RENOVATIONS

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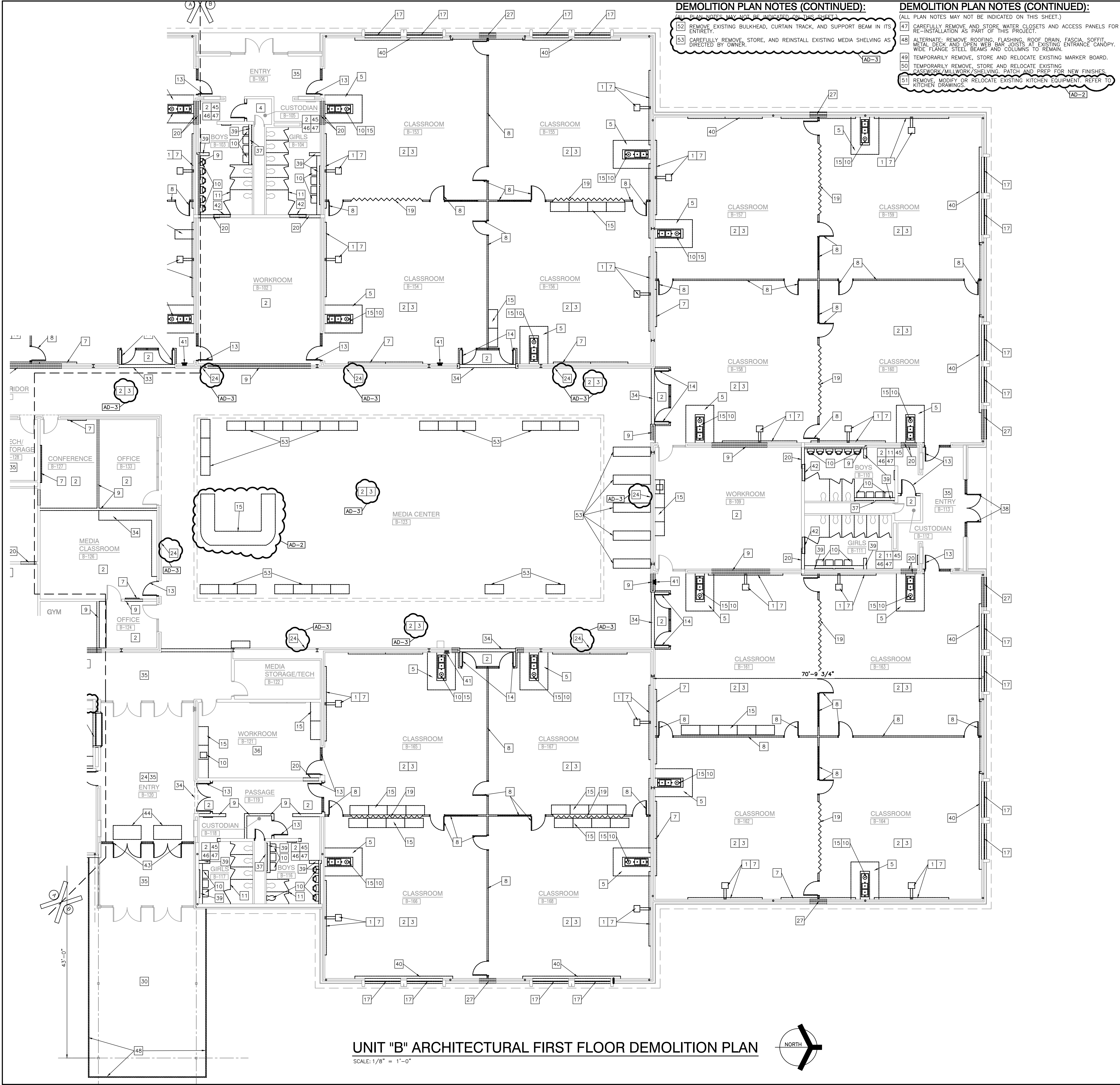
LIBERTY ES - RENOVATIONS

UNIT "A" ARCHITECTURAL FIRST FLOOR DEMOLITION PLAN

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



Wednesday, 11/9/2022 - 9:34 AM - LAST SAVED BY: GIBRALTAR
Y:\21-137 DUNELAND SC - LIBERTY ES ADDITIONS AND
RENOVATIONS\21-137 DRAWINGS\05 ARCH\AD102.DWG



UNIT "B" ARCHITECTURAL FIRST FLOOR DEMOLITION PLAN

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

DEMOLITION PLAN NOTES (CONTINUED):

- (ALL PLAN NOTES MAY NOT BE INDICATED ON THIS SHEET.)
- 52 REMOVE EXISTING BULKHEAD, CURTAIN TRACK, AND SUPPORT BEAM IN ITS ENTIRETY.
 - 53 CAREFULLY REMOVE, STORE, AND REINSTALL EXISTING MEDIA SHELVING AS DIRECTED BY OWNER.

DEMOLITION PLAN NOTES (CONTINUED):

- (ALL PLAN NOTES MAY NOT BE INDICATED ON THIS SHEET.)
- 47 CAREFULLY REMOVE AND STORE WATER CLOSETS AND ACCESS PANELS FOR RE-INSTALLATION AS PART OF THIS PROJECT.
 - 48 ALTERNATE: REMOVE ROOFING, FLASHING, ROOF DRAIN, FASCIA, SOFFIT, METAL DECK AND OPEN WEB BAR JOISTS AT EXISTING ENTRANCE CANOPY. WIDE FLANGE STEEL BEAMS AND COLUMNS TO REMAIN.
 - 49 TEMPORARILY REMOVE, STORE AND RELOCATE EXISTING MARKER BOARD.
 - 50 TEMPORARILY REMOVE, STORE AND RELOCATE EXISTING CASEWORK/MILLWORK/SHELVING, PATCH AND PREP FOR NEW FINISHES.
 - 51 REMOVE, MODIFY OR RELOCATE EXISTING KITCHEN EQUIPMENT. REFER TO KITCHEN DRAWINGS.

GENERAL DEMOLITION NOTES:

- A. FOR GENERAL PROJECT NOTES, MATERIAL INDICATIONS LEGEND, SYMBOL LEGEND, ABBREVIATIONS, ETC., REFER TO G1 SERIES SHEETS.
- B. UNLESS NOTED OTHERWISE ON THIS SHEET, THE GENERAL CONTRACTOR IS RESPONSIBLE FOR ALL DEMOLITION AND REMOVAL WORK INDICATED ON THIS SHEET.
- C. CONTRACTORS ENCOUNTERING EXISTING MATERIAL WHICH IS SUSPECTED OF CONTAINING ASBESTOS SHALL STOP WORK IMMEDIATELY AND NOTIFY THE OWNER AND THE OWNERS REPRESENTATIVE.
- D. BOLD DASHED LINES INDICATE EXISTING ITEMS TO BE REMOVED UNLESS OTHERWISE NOTED. THE CONTRACTOR SHALL BE RESPONSIBLE FOR FIELD VERIFYING THE EXTENT OF DEMOLITION WORK PRIOR TO BIDDING AND FOR COORDINATING THE EXTENT OF DEMOLITION WITH THE INSTALLATION OF NEW SYSTEMS.
- E. EACH CONTRACTOR SHALL BE RESPONSIBLE FOR ALL DEMOLITION APPLICABLE TO THEIR SCOPE OF WORK AND AS REQUIRED FOR INSTALLATION OF NEW WORK WHETHER OR NOT IT IS SPECIFICALLY INDICATED OR NOTED IN THESE DOCUMENTS.
- F. REMOVE ALL ITEMS AND FINISHES MADE OBSOLETE BY NEW CONSTRUCTION. VERIFY ITEMS DEEMED OBSOLETE WITH ARCHITECT PRIOR TO REMOVAL. REFER TO NEW CONSTRUCTION DRAWINGS FOR DEMOLITION REQUIRED NOT SHOWN ON DEMOLITION PLANS.
- G. EACH CONTRACTOR SHALL BE RESPONSIBLE FOR OFF SITE REMOVAL OF ALL DEMOLITION MATERIALS AND/OR ITEMS UNLESS NOTED OTHERWISE OR DIRECTED BY THE OWNER.
- H. PRIOR TO STARTING DEMOLITION, CONSTRUCT DUST CONTROL BARRIERS TO PREVENT THE SPREAD OF DUST INTO SURROUNDING AREAS (WHERE APPLICABLE).
- I. WHERE BUILDING EGRESS IS REQUIRED TO PASS THROUGH DEMOLITION AREAS, PROVIDE APPROVED BARRIERS, ETC. TO ENSURE SAFETY OF THE PUBLIC.
- J. RELOCATED ITEMS SHALL BE CLEANED AND PLACED IN STORAGE. PER OWNERS' DIRECTION, UNTIL ITEMS ARE READY TO BE INSTALLED. IF ITEMS ARE DAMAGED DURING DEMOLITION OR RELOCATION, THEY SHALL BE REPAIRED OR REPLACED WITH NEW ITEMS AS APPROVED.
- K. DEMOLITION SHALL BE PERFORMED WITHOUT DAMAGE TO EXISTING CONSTRUCTION TO REMAIN. WHERE SUCH DAMAGE OCCURS, PATCH, REPAIR, OR RESTORE WALLS, FLOORS, CEILING, ETC. NEATLY TO MATCH EXISTING ADJACENT SURFACE. PROVIDE SHORING, BRACING, OR SUPPORT AS REQUIRED TO PREVENT MOVEMENT OR SETTLEMENT OF EXISTING STRUCTURES.
- L. EACH CONTRACTOR IS RESPONSIBLE FOR CUTTING, PATCHING, AND DISCONNECTION OF ITEMS APPLICABLE TO THEIR SCOPE OF WORK. WHERE EXISTING SERVICES ARE ABANDONED, CAP AT LEAST 1" BEHIND NEW FINISHES AND/OR EXISTING SURFACE AND PATCH TO RECEIVE NEW FINISHES OR MATCH EXISTING FINISH.
- M. ON WALLS THAT ARE TO RECEIVE NEW FINISHES, REMOVE AND REINSTALL EXISTING EQUIPMENT TO REMAIN AS REQUIRED FOR INSTALLATION OF NEW FINISHES.
- N. WHERE WALLS OR BULKHEADS ARE REMOVED, PATCH FLOORS, CEILINGS, AND ADJACENT WALLS AS REQUIRED TO MATCH EXISTING OR RECEIVE NEW FINISHES WHERE APPLICABLE. WHERE EXISTING DUCTWORK, PIPING, OR EQUIPMENT IS REMOVED, PATCH OPENINGS AND/OR SURFACES TO MATCH ADJACENT SURFACES OR RECEIVE NEW FINISHES WHERE APPLICABLE. REFER TO ALL DEMOLITION DRAWINGS FOR EXTENT OF ITEMS TO BE REMOVED.
- O. OVER CUT NEW OPENINGS IN EXISTING WALL AS REQUIRED FOR NEW CONSTRUCTION. PATCH AND REPAIR WALLS TO MATCH EXISTING. WHERE APPLICABLE, TOOTH NEW MASONRY INTO EXISTING MASONRY.
- P. ALL EQUIPMENT AND FURNITURE WHICH ARE CONSIDERED LOOSE FURNISHING SHALL BE REMOVED BY THE OWNER PRIOR TO DEMOLITION.
- Q. MASONRY WALLS TO BE REMOVED SHALL BE REMOVED TO A POINT 2" MINIMUM BELOW THE EXISTING FLOOR SLAB UNLESS SETTING ON A SLAB OR SPECIFICALLY NOTED OTHERWISE. PATCH WITH NEW CONCRETE TO BE FLUSH WITH THE EXISTING FLOOR SLAB.
- R. EACH CONTRACTOR SHALL BE RESPONSIBLE FOR GENERAL REVIEW OF DEMOLITION NOTES AND GENERAL DEMOLITION NOTES AS THEY APPLY TO THEIR SCOPE OF WORK.
- S. THE OWNER SHALL RESERVE THE RIGHT TO CLAIM ANY MATERIALS THAT ARE BEING DEMOLISHED PRIOR TO THE CONTRACTOR DISPOSING OF THEM OFF SITE.
- T. REFER TO THE STRUCTURAL, MECHANICAL, PLUMBING, ELECTRICAL AND TECHNOLOGY DOCUMENTS FOR COMPLETE SCOPE OF DEMOLITION WORK.
- U. "FLOORING" DENOTES FLOOR COVERING MATERIALS INCLUDING BACKING, ADHESIVES, AND BASES DOWN TO BUT EXCLUSIVE OF FLOOR SLABS AND STRUCTURAL MATERIALS UNLESS NOTED OTHERWISE.
- V. DEMOLITION IS TO FOLLOW ESTABLISHED CONSTRUCTION SEQUENCE. REFER TO SPECIFICATIONS AND DRAWINGS FOR REQUIREMENTS AND SPECIAL CONDITIONS.
- W. WHERE APPLICABLE SALVAGE EXISTING MASONRY (FACE BRICK, GLAZED CMU, FACING TILE) AS REQUIRED FOR PATCHING AND INFILL IN RENOVATED AREAS WHERE INDICATED. DISCARD UNUSED PORTION OFF SITE.

DEMOLITION PLAN NOTES:

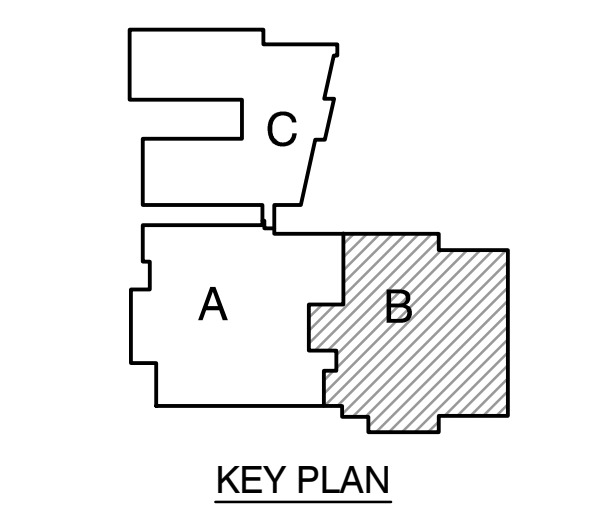
- (ALL PLAN NOTES MAY NOT BE INDICATED ON THIS SHEET.)
- 1 REMOVE WALL MOUNTED PROJECTOR, SALVAGE FOR REINSTALLATION.
 - 2 REMOVE ACOUSTICAL BOARD CEILING SYSTEM IN ITS ENTIRETY.
 - 3 REMOVE CARPET FLOORING SYSTEM IN ITS ENTIRETY. PREPARE FLOOR FOR NEW FINISHES.
 - 4 REMOVE ALL WALL ACCESSORIES MADE OBSOLETE BY NEW CONSTRUCTION. PATCH AND REPAIR WALL AS REQUIRED TO ACCEPT NEW FINISHES.
 - 5 REMOVE VCT/SHEET VINYL FLOORING SYSTEM IN ITS ENTIRETY. PREPARE FLOOR FOR NEW FINISHES.
 - 6 REMOVE WALL MOUNTED T.V. IN ITS ENTIRETY. TURN OVER TO OWNER.
 - 7 REMOVE TACK BOARD, MARKER BOARD OR CHALKBOARD IN THEIR ENTIRETY. PATCH WALL TO RECEIVE NEW FINISHES.
 - 8 REMOVE EXISTING DEMOUNTABLE PARTITIONS INCLUDING BUT NOT LIMITED TO DOORS, FRAMES, AND BORROWED LIGHTS.
 - 9 REMOVE METAL STUD AND PLASTER/GYPSUM BOARD WALL IN ITS ENTIRETY. PATCH AND REPAIR ADJACENT WALL AND FLOOR TO ACCEPT NEW FINISHES.
 - 10 REMOVE PLUMBING FIXTURE IN ITS ENTIRETY. CUT AND CAP LINE BELOW WALL OR FLOOR SURFACE. UNLESS OTHERWISE NOTED ON PLUMBING DRAWINGS PATCH AND REPAIR FLOOR AND/OR WALL TO ACCEPT NEW FINISHES.
 - 11 REMOVE TOILET PARTITIONS IN THEIR ENTIRETY.
 - 12 REMOVE CURTAIN TRACK AND SUPPORT IN ITS ENTIRETY.
 - 13 REMOVE HOLLOW METAL DOOR, FRAME AND HARDWARE IN ITS ENTIRETY.
 - 14 REMOVE HOLLOW METAL DOOR, FRAME, HARDWARE AND METAL WALL SYSTEM IN ITS ENTIRETY.
 - 15 REMOVE CASEWORK/MILLWORK IN ITS ENTIRETY. PATCH AND REPAIR WALL AND FLOOR AS REQUIRED TO ACCEPT NEW FINISHES.
 - 16 NOT USED.
 - 17 REMOVE WINDOW IN ITS ENTIRETY.
 - 18 REMOVE WOOD CUBBIES IN ITS ENTIRETY. PREPARE WALL FOR NEW FINISHES.
 - 19 REMOVE ACCORDION PARTITION, DOOR AND SUPPORTING STRUCTURE ABOVE IN THEIR ENTIRETY.
 - 20 REMOVE PORTION OF METAL STUD AND GYPSUM BOARD/PLASTER WALL AS REQUIRED TO INSTALL NEW DOOR.
 - 21 REMOVE EXISTING THICK SET TERRAZZO INCLUDING SETTING BED AND PREP FLOOR TO RECEIVE NEW CONCRETE TOPPING AND CERAMIC TILE. REFER TO STRUCTURAL DRAWINGS.
 - 22 EXISTING STEEL COLUMN TO REMAIN. PROTECT FROM DAMAGE.
 - 23 REMOVE EQUIPMENT AS NEEDED. TURN OVER TO OWNER.
 - 24 REMOVE WALL COVERING IN ITS ENTIRETY. PREPARE WALL FOR NEW FINISHES.
 - 25 REMOVE STAFF MAILBOX IN ITS ENTIRETY.
 - 26 REMOVE FIRE EXTINGUISHER. TURN OVER TO OWNER. PATCH AND REPAIR WALL AS REQUIRED TO RECEIVE NEW FINISHES.
 - 27 REMOVE PORTION OF PRECAST CONCRETE PANEL AS REQUIRED TO INSTALL NEW DOOR.
 - 28 REMOVE TOILET ACCESSORIES AND TURN OVER TO THE OWNER.
 - 29 REMOVE ELECTRICAL PANELS. REFER TO ELECTRICAL DRAWINGS.
 - 30 ALTERNATE: REMOVE ENTIRE CANOPY INCLUDING STEEL FRAMING, ROOFING, AND CONCRETE FOOTINGS AS REQUIRED FOR NEW CONSTRUCTION.
 - 31 REMOVE INTERIOR WINDOW IN ITS ENTIRETY.
 - 32 REMOVE RECEPTION COUNTER AND WALL IN ITS ENTIRETY. PATCH AND PREPARE FOR NEW WINDOW AND DOOR.
 - 33 EXISTING PLASTER/GYPSUM BOARD CEILING TO REMAIN. CUT AND PATCH FOR MECHANICAL, ELECTRICAL, PLUMBING OR FIRE PROTECTION WORK.
 - 34 REMOVE PLASTER AND METAL LATH ON METAL STUD BULKHEAD IN ITS ENTIRETY.
 - 35 TEMPORARILY REMOVE, STORE AND REPLACE CEILING PADS, AND GRID FOR MECHANICAL, ELECTRICAL, PLUMBING OR FIRE PROTECTION WORK. REPLACE ALL TILES DAMAGED DURING REMOVAL AND REINSTALLATION.
 - 36 REMOVE CEILING PADS, EXISTING GRID TO REMAIN. CLEAN AND PREP FOR NEW PAINT.
 - 37 REMOVE PORTION OF WALL AS REQUIRED FOR INSTALLATION OF CARRIER AT NEW URINAL OR WATER CLOSET.
 - 38 REMOVE EXISTING ALUMINUM STOREFRONT IN ITS ENTIRETY.
 - 39 REMOVE PARTIAL HEIGHT WALL INCLUDING BUT NOT LIMITED TO TILE, MARBLE COUNTERTOP, GYPSUM/PLASTER, AND METAL STUDS.
 - 40 REMOVE FIN TUBE RADIATOR IN ITS ENTIRETY. CUT AND CAP LINE BELOW WALL OR FLOOR SURFACE. REFER TO PLUMBING DRAWINGS. PATCH AND REPAIR FLOOR AND/OR WALL TO ACCEPT NEW FINISHES.
 - 41 REMOVE FIRE EXTINGUISHER AND CABINET AND TURN OVER TO OWNER. PATCH WALL AS REQUIRED FOR NEW AND EXISTING TO BE SMOOTH AND FLUSH WITH NO VISIBLE JOINTS.
 - 42 REMOVE CABINET HEATER IN ITS ENTIRETY. CUT AND CAP LINE BELOW WALL OR FLOOR SURFACE. REFER TO PLUMBING DRAWINGS. PATCH AND REPAIR FLOOR AND/OR WALL TO ACCEPT NEW FINISHES.
 - 43 REMOVE ALUMINUM STOREFRONT IN ITS ENTIRETY. PATCH ADJACENT WALLS DAMAGED DURING REMOVAL WITH NEW GYPSUM BOARD.
 - 44 REMOVE EXISTING DEPRESSED MAT IN ITS ENTIRETY. PREPARE SUBSTRATE FOR NEW FINISH.
 - 45 REMOVE COVE PORTION OF EXISTING WALL TILE AS REQUIRED FOR INSTALLATION OF NEW FINISHES.
 - 46 REMOVE CHASE VENTS AND STAINLESS STEEL COVER PLATES FROM EXISTING TILE WALLS AND PREP FOR NEW FINISH.



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PROJECT
**LIBERTY
ELEMENTARY
SCHOOL -
RENOVATIONS**

DUNELAND SCHOOL CORPORATION
CHESTERTON, INDIANA



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PROJECT
21-137
DATE
10/17/22
COORDINATED BY
MMM
DRAWN BY
MMM
CHECKED BY
DJW

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REVISIONS		
MARK	DATE	ISSUED FOR
AD-2	11/02/22	ADDENDUM NO. 2
AD-3	11/09/22	ADDENDUM NO. 3

DRAWING
**UNIT "B" ARCHITECTURAL
FIRST FLOOR DEMOLITION
PLAN**

PROJECT
LIBERTY ES - RENOVATIONS

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AD102

GENERAL ROOF PLAN NOTES:

- A. FOR GENERAL NOTES, MATERIAL INDICATIONS LEGEND, SYMBOL LEGEND, ABBREVIATIONS, ETC. SEE SHEET G-301.
- B. THERE MAY BE LOCATIONS ON NEW AND/OR EXISTING ROOF WHERE THE ROOF DECK MAY NOT BE STRUCTURALLY SOUND. CONTRACTORS SHOULD USE EXTREME CAUTION IN WORKING THESE ROOF AREAS TO MAINTAIN SAFE WORKING CONDITIONS.
- C. THE ROOFING INSTALLER SHALL VERIFY ALL DIMENSIONS, CLEARANCES AND ALL EXISTING FIELD CONDITIONS BEFORE STARTING CONSTRUCTION. COMMENCEMENT OF WORK CONSTITUTES ACCEPTANCE OF CONDITIONS. SHOULD DIFFERENT CONDITIONS BE ENCOUNTERED, CONTACT THE ARCHITECT BEFORE PROCEEDING WITH WORK.
- D. THE ROOFING INSTALLER SHALL BE RESPONSIBLE FOR THE REPAIR OR REPLACEMENT OF ALL DAMAGE CAUSED BY THE IMPROPER STORAGE OR STACKING OF ROOFING MATERIALS.
- E. ALL DIMENSIONS INDICATED ON THE ROOF PLAN ARE APPROXIMATE. THE ROOFING INSTALLER IS RESPONSIBLE FOR OBTAINING ACCURATE FIELD MEASUREMENTS FOR THE EXECUTION OF HIS WORK AND PRIOR TO ANY FABRICATION OF THE VARIOUS MATERIALS.
- F. THE ROOFING INSTALLER SHALL PROTECT ALL ROOF DRAINS, SCUPPERS AND DOWNSPOUTS FROM DEBRIS CREATED DURING DEMOLITION AND/OR NEW CONSTRUCTION. THE ROOFING INSTALLER SHALL INSPECT AND CLEAR ALL DRAINS, SCUPPERS AND DOWNSPOUTS PRIOR TO COMPLETION OF WORK AND TO ENSURE THAT THEY ARE FREE OF DEBRIS AND ARE FUNCTIONING PROPERLY.
- G. ROOF DRAIN LOCATION INDICATE DESIGN INTENT. COORDINATE LOCATIONS WITH STRUCTURAL AND MECHANICAL, ELECTRICAL, AND PLUMBING DRAWINGS AND TRADES.
- H. FOR LOCATION AND QUANTITY OF ALL ROOFTOP MECHANICAL EQUIPMENT, REFER TO MECHANICAL DRAWINGS.
- I. FOR LOCATION OF ALL NEW AND/OR EXISTING PLUMBING VENTS, REFER TO MECHANICAL ROOF PLANS.
- J. EXTEND ALL PLUMBING VENTS SO THAT THE TOP IS A MINIMUM OF 12" ABOVE THE ROOFING MEMBRANE.
- K. PROVIDE NEW FLASHING AND TWO PIECE COUNTER-FLASHING WHERE NEW ROOFING ABUTS A NEW OR EXISTING WALL, UNLESS OTHERWISE NOTED OR DETAILED.
- L. PROVIDE FLASHING AND SADDLES FOR ALL EQUIPMENT PROVIDED UNDER MECHANICAL.
- M. PROVIDE FLASHING OF ALL VENTS, FAN CURBS, MASONRY WALLS, FLUES, DRAINS, FASCIAE, ETC. IN ACCORDANCE WITH THESE DRAWINGS AND SPECIFICATIONS, AND WITH ROOFING MANUFACTURERS' STANDARD DETAILS AND SPECIFICATIONS.
- N. CONTRACTOR TO PROVIDE CRICKETS AND/OR ROOF SADDLES AS REQUIRED TO PROMOTE POSITIVE DRAINAGE AROUND ALL ROOF TOP PENETRATIONS.
- O. SADDLES AND TAPERED INSULATION SYMBOLS INDICATE DESIGN INTENT TO SLOPES TO DRAIN. ROOFING INSTALLER SHALL PROVIDE SUBMITTAL DRAWINGS FOR TAPERED INSULATION AND SADDLES TO ENSURE POSITIVE SLOPE.
- P. ALL NEW WOOD BLOCKING AND NAILERS SHALL BE FIRE/MOISTURE TREATED WOOD.
- Q. ANCHOR ALL ROOFING EDGE WOOD BLOCKING AND STRUCTURAL INSULATED SHEATHING FOR COPINGS, FASCIA, AND EXPANSION JOINT COMPRESSIBLE TUBES AS REQUIRED TO CONFORM TO STATE AND LOCAL CODES.
- R. REFER TO ARCHITECTURAL FLOOR PLAN FOR LOCATION OF SECTION CUTS FOR ADDITIONAL INFORMATION.
- S. REMOVE ALL ROOF GRAVEL, RESIDUE, AND ALL PROJECTIONS WHICH WOULD PREVENT THE NEW ROOF INSULATION FROM LAYING FLAT OVER THE ROOF SURFACES.
- T. AT ALL NEW ROOF DRAINS AND/OR EXISTING ROOF DRAINS AT AREAS TO BE RE-ROOFED, REMOVE AND CLEAN ROOF DRAIN STRAINERS AND CLAMP RINGS. REINSTALL AFTER NEW ROOF INSULATION AND ROOFING MEMBRANE ARE IN PLACE. ANY BROKEN OR MISSING ROOF DRAIN STRAINER SHALL BE REPLACED WITH A NEW STRAINER.
- U. SEE MECHANICAL DRAWINGS FOR LOCATIONS OF ROOF TOP EQUIPMENT TO BE REMOVED.
- V. ALL ROOF SADDLE SLOPES SHALL BE 1/2" PER 12".

ROOF LEGEND:

- ELEVATION TOP OF NEW ROOF DECK
- RELIEF VENT
- ⊖ EXHAUST FAN
- ⊗ GRAVITY VENT
- PLUMBING VENT
- ▤ ROOF DRAINAGE SADDLE
- ▨ MECHANICAL UNIT
- ROOF WALKWAY PADS
- ▨ HATCH PATTERN INDICATES NEW ROOFING SYSTEM.
- ELEVATION TOP OF EXISTING ROOF DECK
- E EXISTING RELIEF VENT
- ⊖ E EXISTING EXHAUST FAN
- ⊗ E EXISTING GRAVITY VENT
- E EXISTING ROOF DRAIN
- E EXISTING PLUMBING VENT
- ▤ E EXISTING ROOF DRAINAGE SADDLE
- ▨ E EXISTING ROOF HATCH
- ▨ E EXISTING PENTHOUSE
- ▨ E EXISTING MECHANICAL UNIT
- ▨ E EXISTING ROOF HATCH

- INDICATES ROOF SLOPE (1/4" PER 12")
- INDICATES ROOF SADDLE SLOPE (1/2" PER 12")

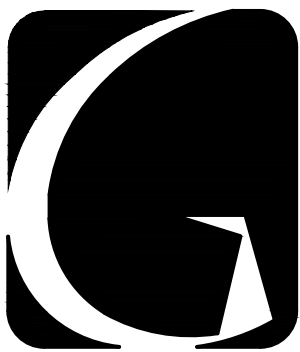
ROOF TYPES:

- A EXISTING MEMBRANE ROOF SYSTEM SHALL REMAIN EXCEPT AS NOTED. PROTECT FROM ADJACENT ROOF WORK.
- B EXISTING STANDING SEAM METAL ROOF SYSTEM SHALL REMAIN EXCEPT AS NOTED. PROTECT FROM ADJACENT ROOF WORK.

ROOF PLAN NOTES:

(ALL PLAN NOTES MAY NOT BE INDICATED ON THIS SHEET.)

- 1 NEW ROOF PENETRATIONS BASED ON MECHANICAL WORK.
- 2 NEW PLUMBING VENT, REFER TO PLUMBING DRAWINGS.
- 3 NEW MECHANICAL EQUIPMENT ON EXISTING RAILS, REFER TO MECHANICAL.
- 4 NEW MECHANICAL EQUIPMENT ON NEW CURB PER EQUIPMENT SUPPLIER RECOMMENDATIONS, REFER TO MECHANICAL FLASH NEW CURB INTO EXISTING ROOF PER DETAIL.
- 5 NEW MECHANICAL EQUIPMENT ON NEW EQUIPMENT RAILS, REFER TO MECHANICAL. INSTALL RAILS PER DETAIL.
- 6 BASE BID: EXISTING CANOPY STRUCTURE AND ROOF TO REMAIN. ALTERNATE: REFER TO SHEET A-420 FOR NEW CANOPY.
- 7 NEW EXHAUST FAN WITH CURB, REFER TO MECHANICAL.



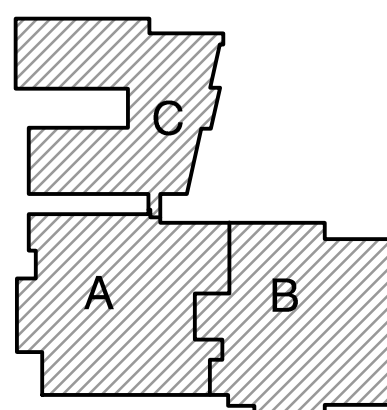
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PROJECT

**LIBERTY
ELEMENTARY
SCHOOL -
RENOVATIONS**

DUNELAND SCHOOL CORPORATION
CHESTERTON, INDIANA



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PROJECT

21-137

DATE

10/17/22

COORDINATED BY

JMG

DRAWN BY

JMG

CHECKED BY

DJW

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MARK	DATE	ISSUED FOR
AD-2	11/02/22	ADDENDUM NO. 2
AD-3	11/09/22	ADDENDUM NO. 3

DRAWING

**OVERALL ARCHITECTURAL
ROOF PLAN**

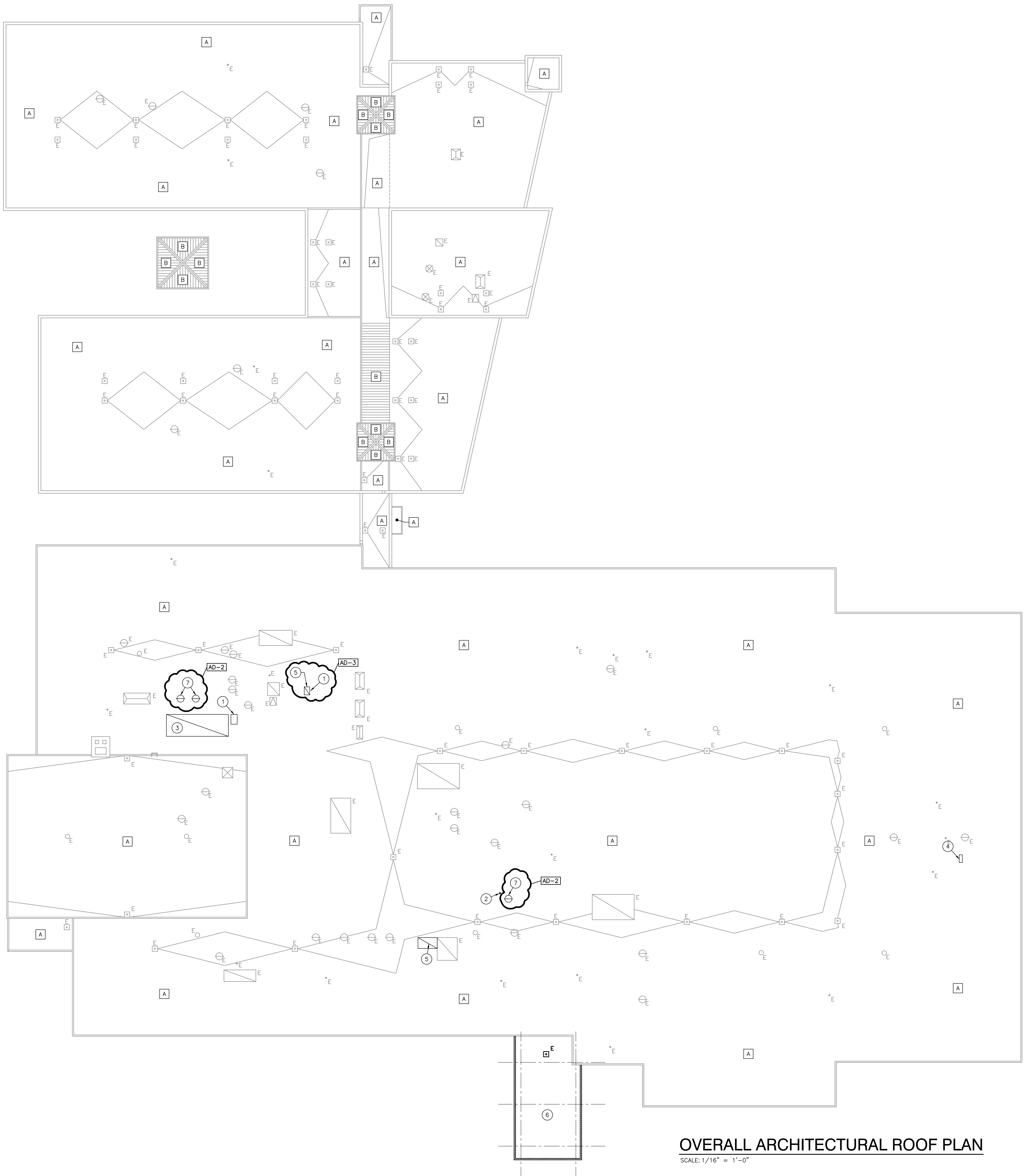
PROJECT

LIBERTY ES - RENOVATIONS

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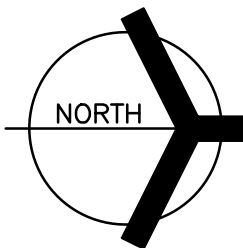
SHEET

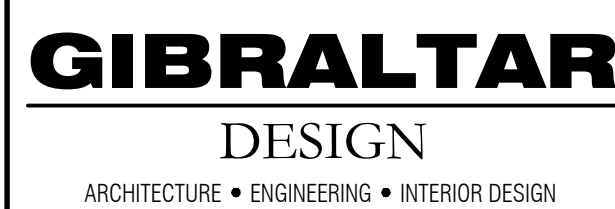
A-201



OVERALL ARCHITECTURAL ROOF PLAN

SCALE: 1/16" = 1'-0"



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RENOVATIONS

DIVIDER STRIP

CARPET

TERRAZZO

FLOOR LINE

PROVIDE TAPERED FLOOR LEVELER AS REQUIRED FOR TOP OF CARPET TO BE FLUSH WITH TOP OF TERRAZZO

A cross-sectional diagram of a vinyl composition tile (VCT) installation. The diagram shows a carpet layer on the left, transitioning into a vinyl tile on the right. A vinyl trim piece is shown at the edge of the carpet. Labels with leader lines point to the following components: VINYL TRIM, CARPET, VINYL TILE, and FLOOR LINE. The text 'VINYL COMPOSITION' is partially visible at the top right.

DIVIDER STRIP

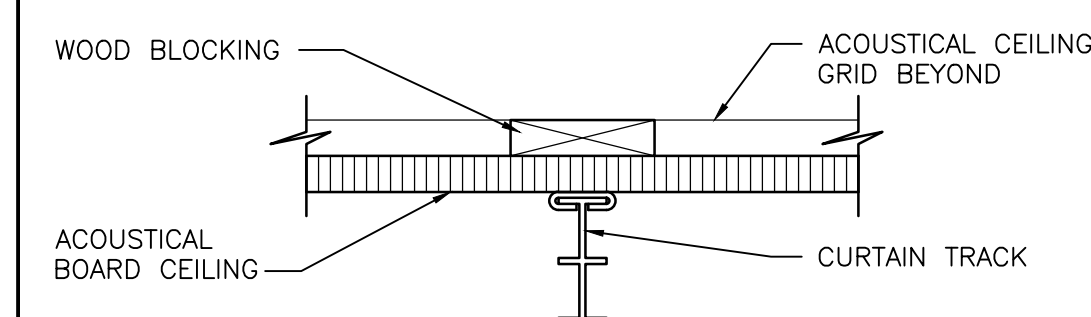
CARPET

THIN-SET CERAMIC TILE OR PORCELAIN TILE

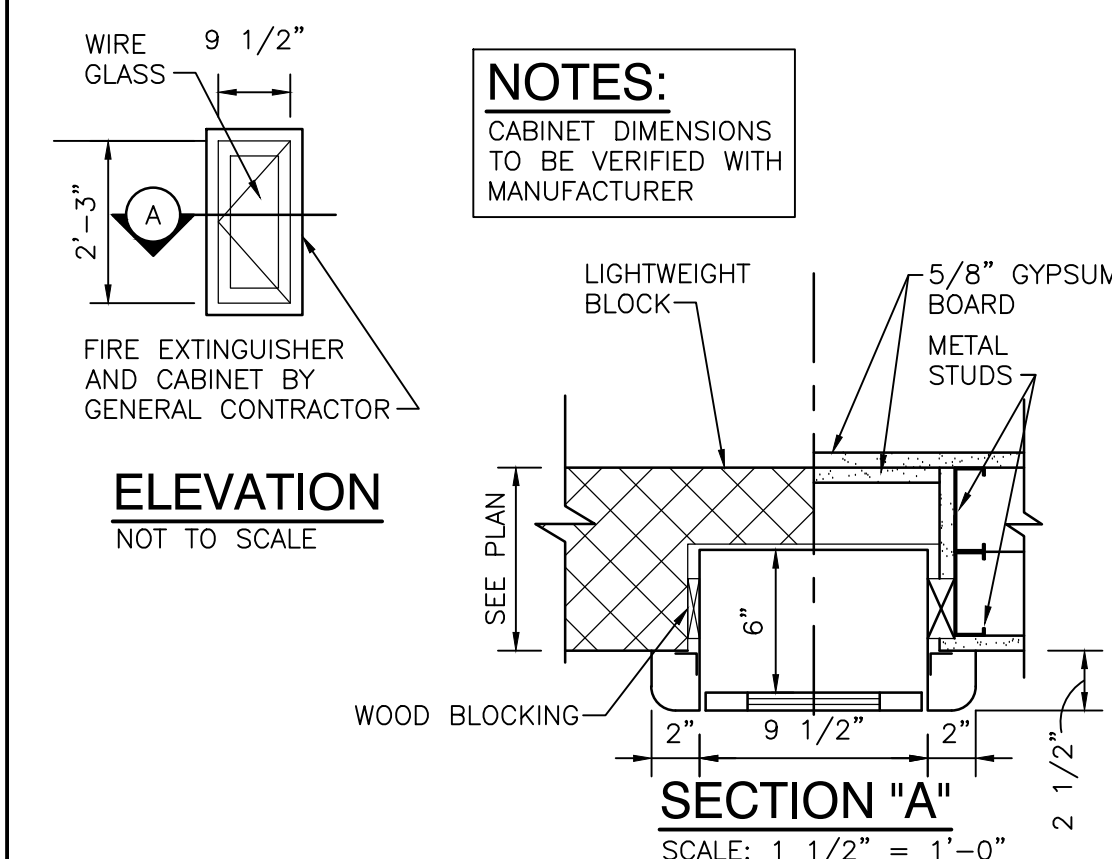
FLOOR LINE

PROVIDE TAPERED FLOOR LEVELER AS REQUIRED FOR TOP OF CARPET TO BE FLUSH WITH TOP OF TILE

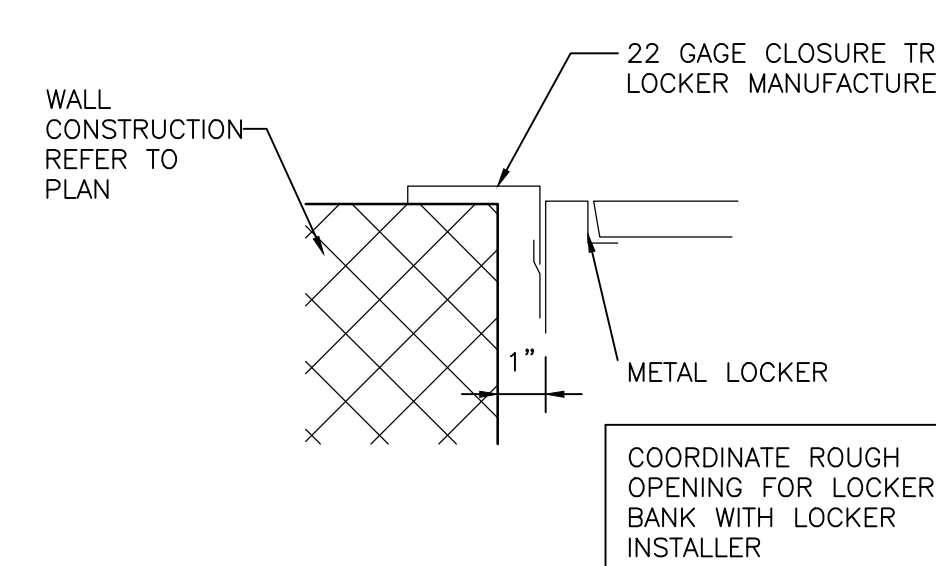
FLOOR TRANSITION DETAILS



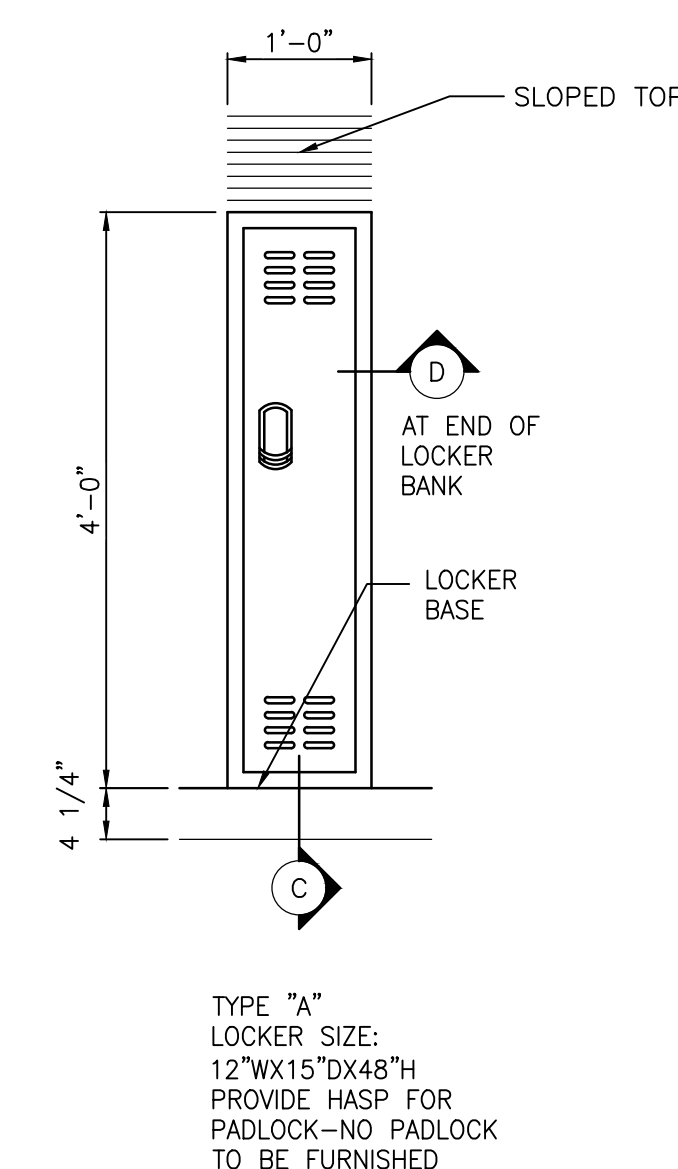
SCALE: 3" = 1'-0"



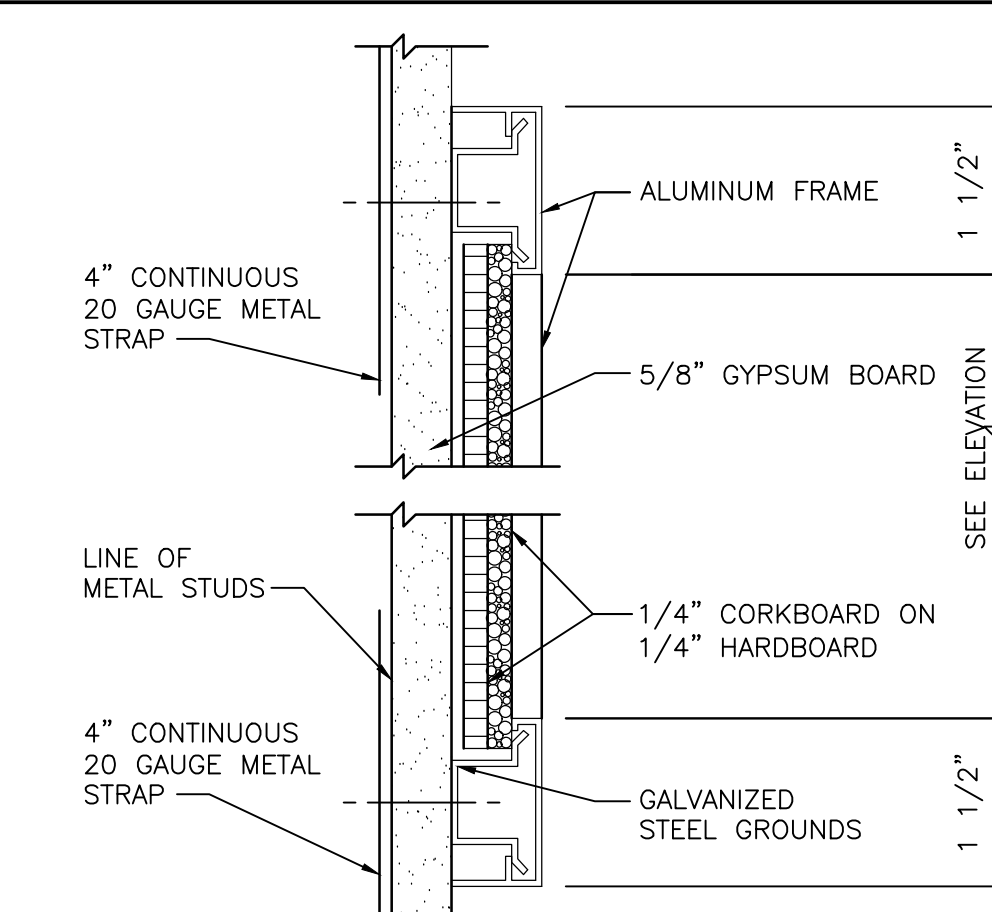
SEMI-RECESSED FIRE
EXTINGUISHER CABINET



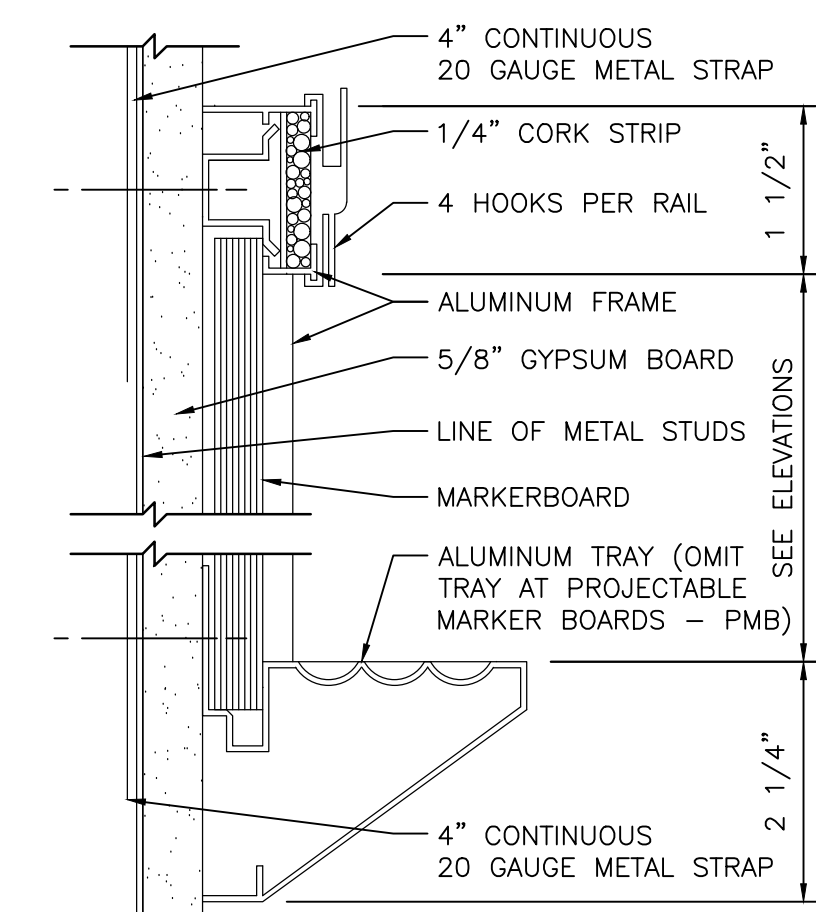
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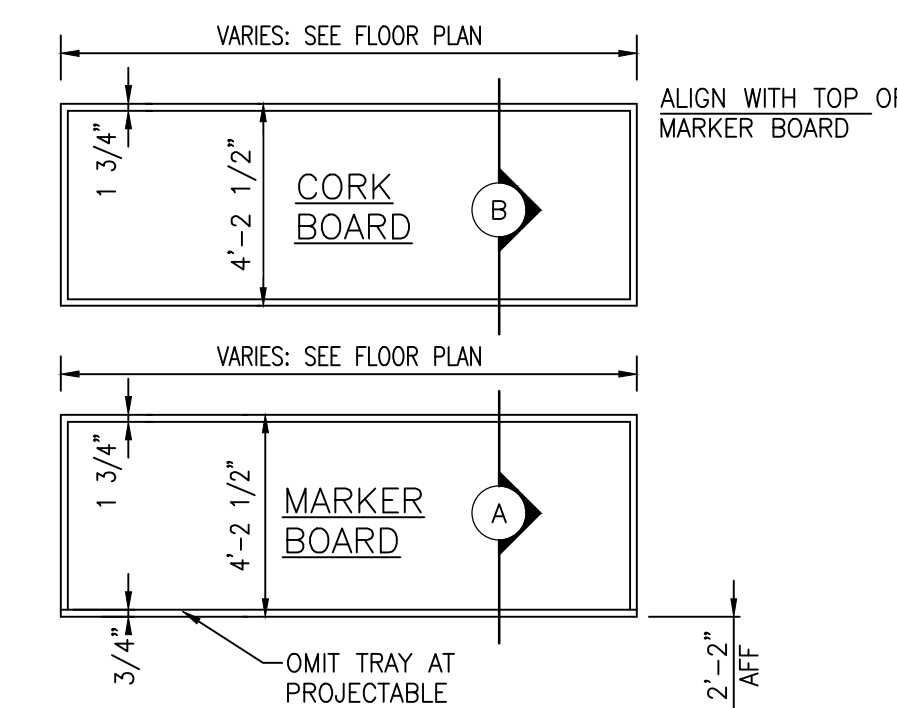
SCALE: 3/4" = 1'-0"



SCALE: 6" = 1'-0"



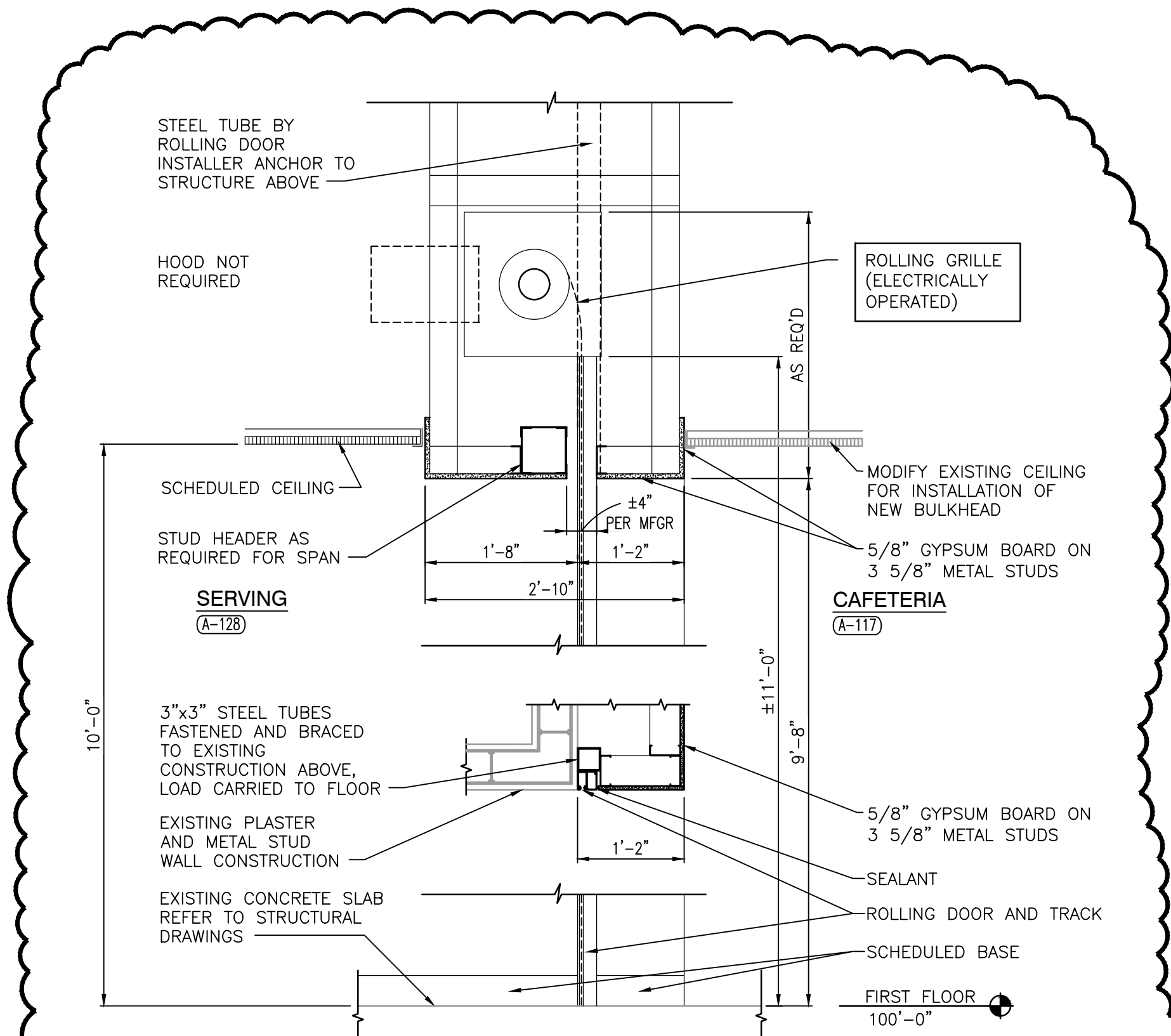
SCALE: 6" = 1'-0"



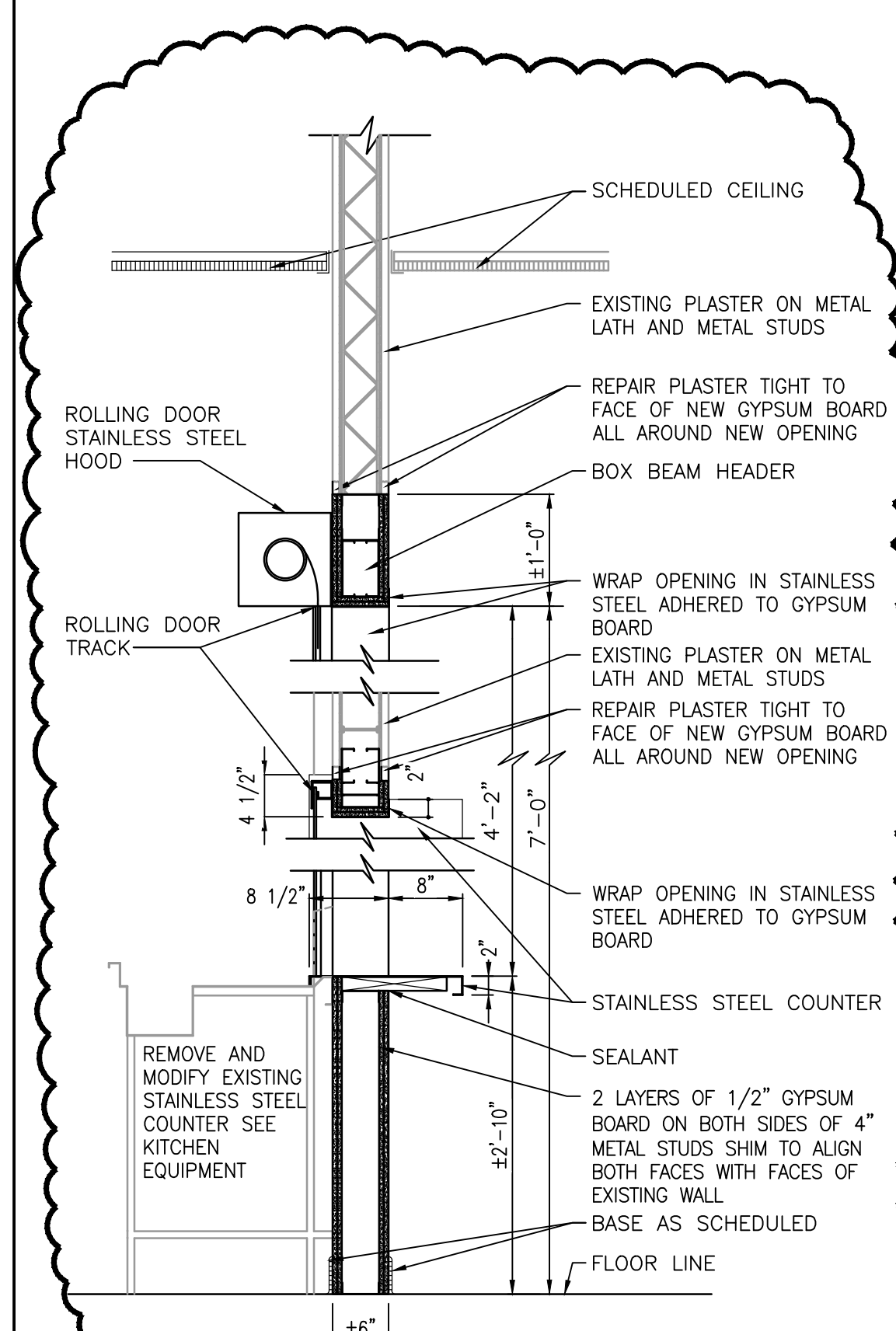
NOTES:

1. SEE FLOOR PLANS FOR LOCATION.
2. SEE FINISH PLANS FOR WALL FINISH.
3. MOUNTING HEIGHT AS DIRECTED BY OWNER AND ARCHITECT.

SCALE: $1/4" = 1'-0"$



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



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

CHECKED BY
DJW

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DRAWING
TYPICAL DETAILS

PROJECT
LIBERTY ES - RENOVATIONS

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PROJECT 21-137	
DATE 10/17/22	
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REVISIONS		
MARK	DATE	ISSUED FOR
AD-1	10/26/22	ADDENDUM NO. 1
AD-3	11/09/22	ADDENDUM NO. 3

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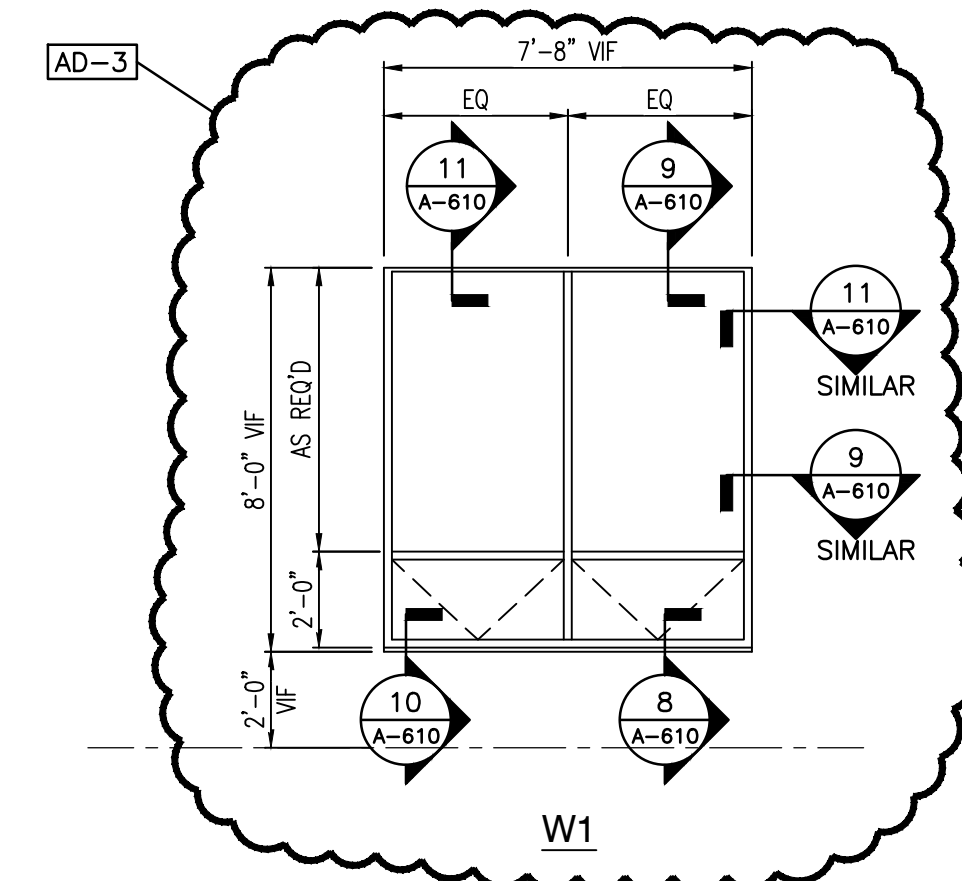
DRAWING
ALUMINUM STOREFRONT
AND WINDOW ELEVATIONS
AND DETAILS

PROJECT
LIBERTY ES - RENOVATIONS

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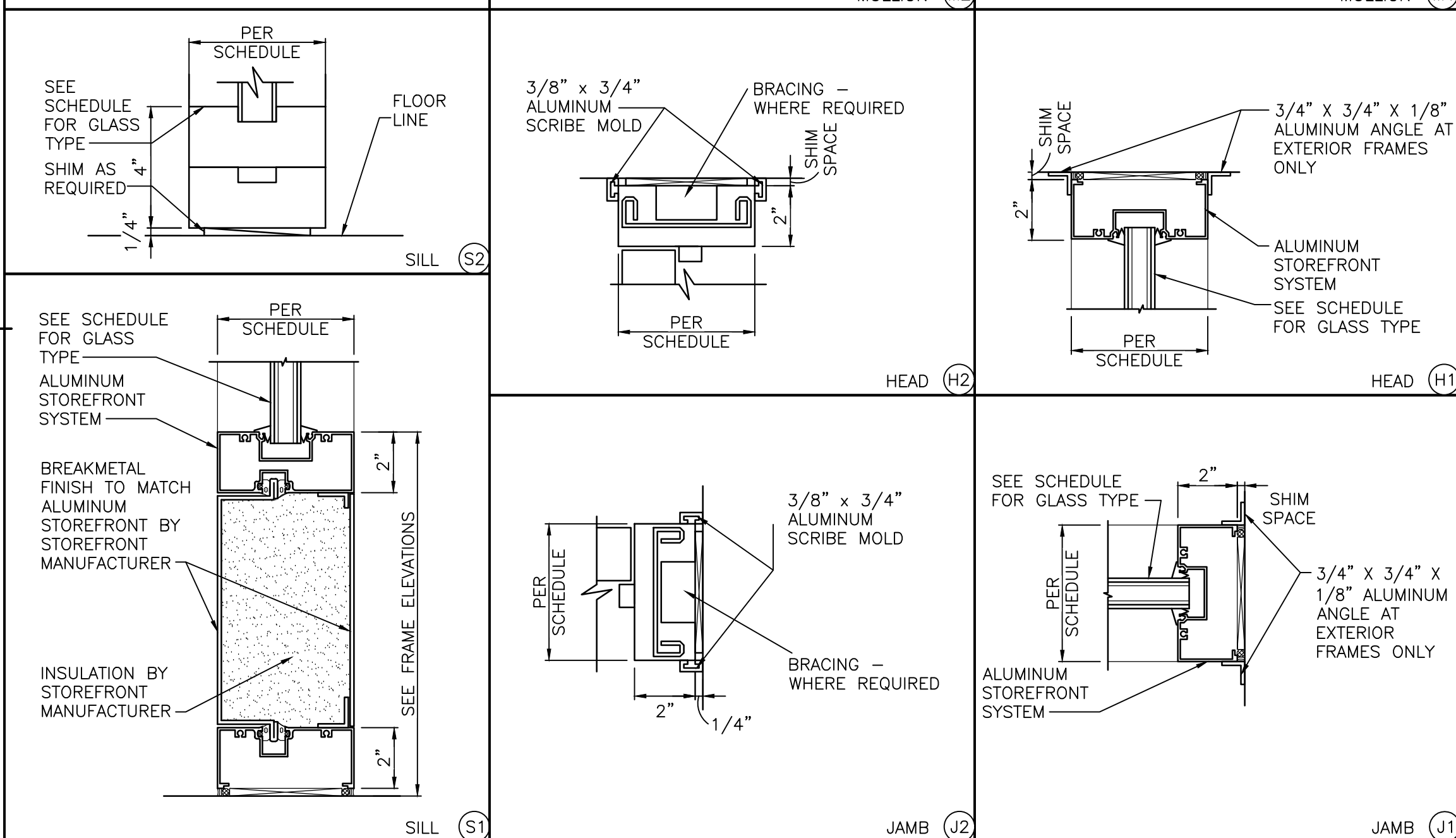
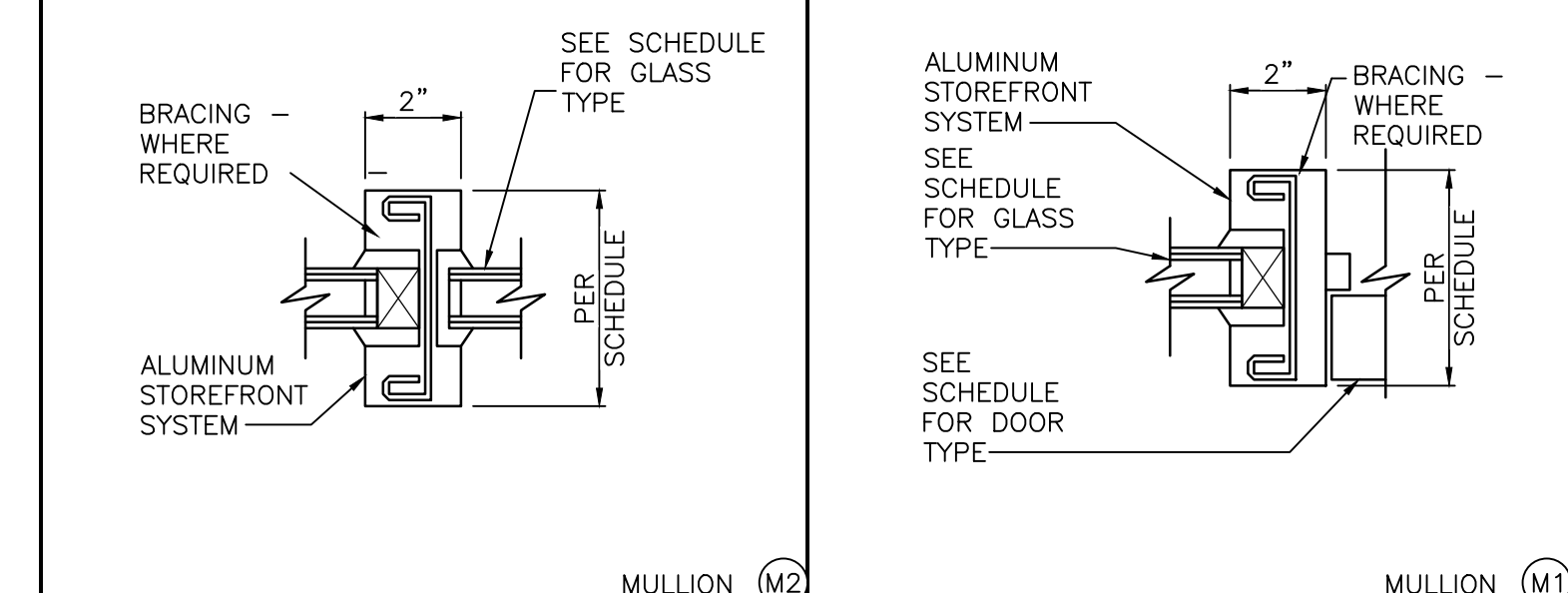
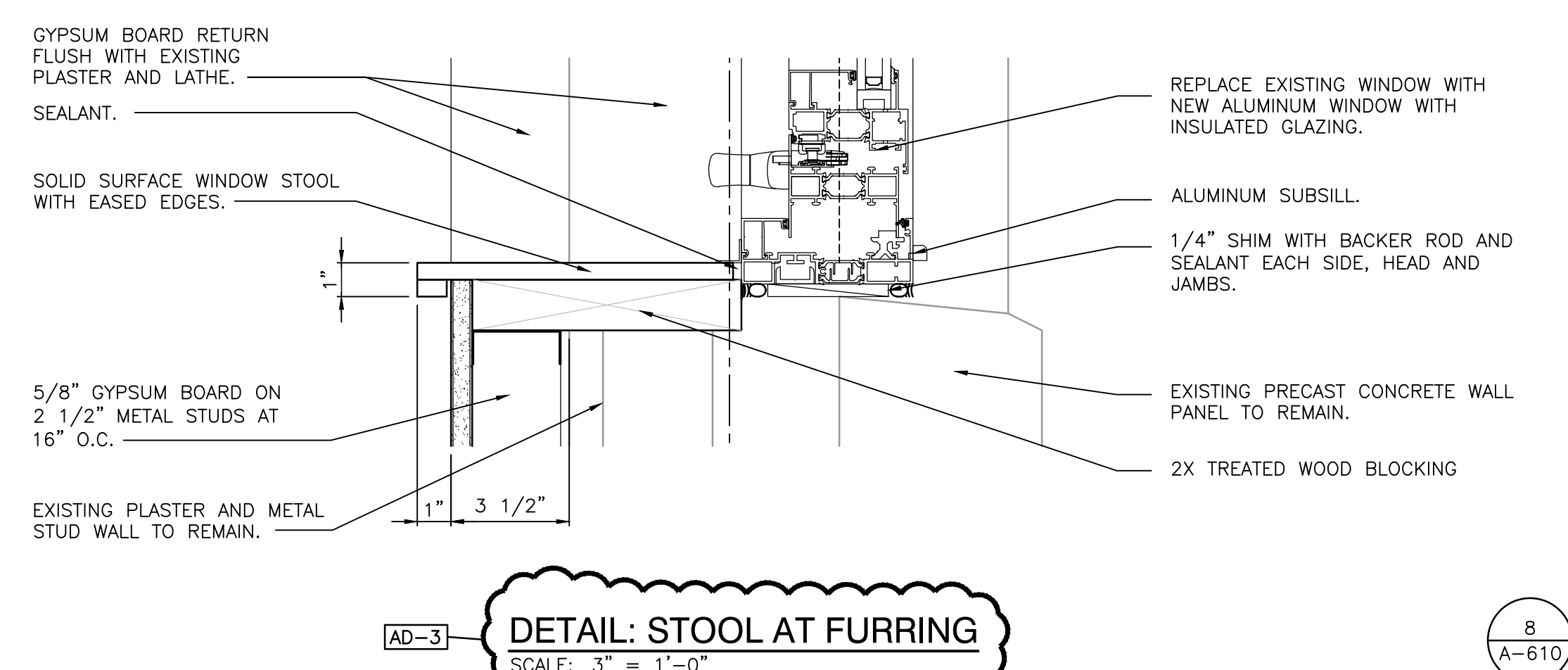
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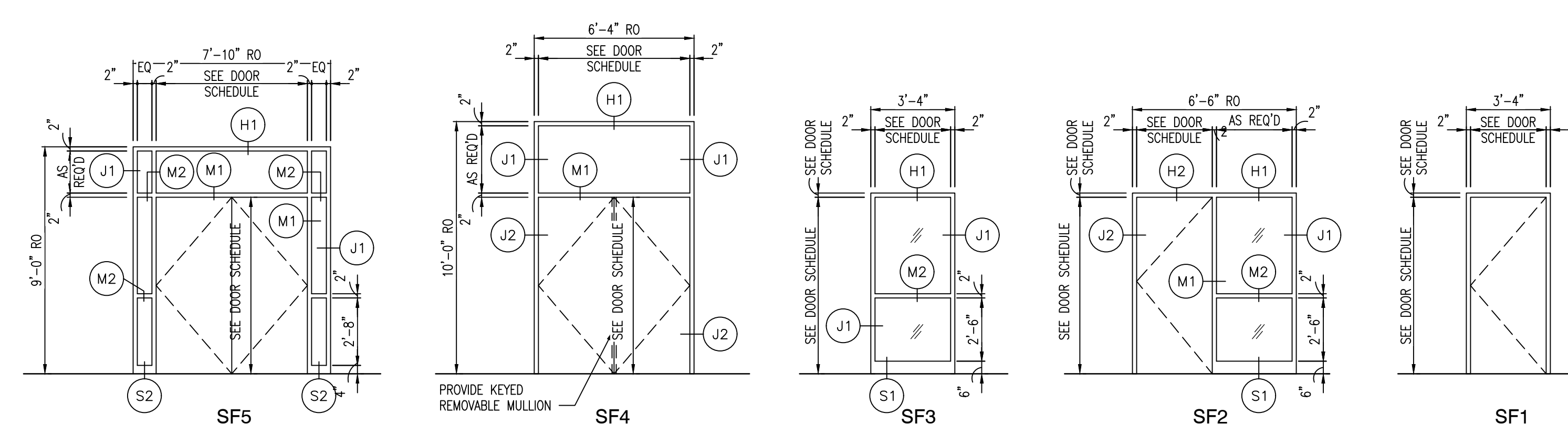
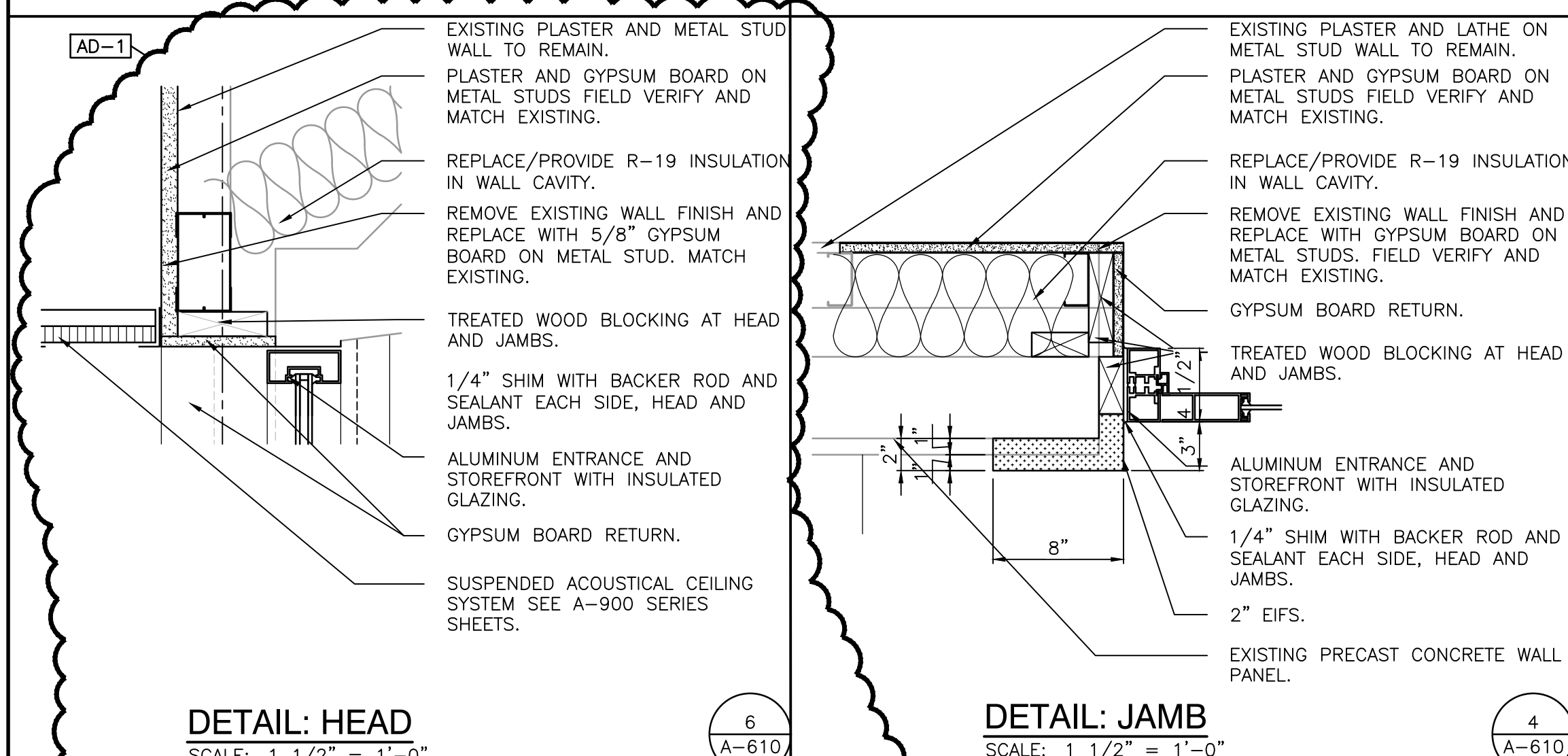
1. PROVIDE SHIM SPACE, BACKER ROD AND SEALANT AROUND PERIMETER OF ALL WINDOW FRAMING WHERE FRAMING ABUTS DISSIMILAR MATERIALS.
2. PROVIDE LOAD INSULATION IN SHIM SPACE AROUND PERIMETER OF ALL EXTERIOR WINDOW FRAMING.
3. DIMENSIONS SHALL BE THE NOMINAL FIELD VERTICAL DIMENSIONS SHOWN PRIOR TO FABRICATION AND INSTALLATION.
4. ALL FRAMES IN EXTERIOR WALLS SHALL BE FULLY BROKEN WITH 1" INSULATED GLAZING.
5. ALL GLAZING SHALL CONFORM TO STATE AND LOCAL CODES.
6. SET THE FINISH ELEVATIONS FOR HINGE SIDE LOCATIONS.
7. PROVIDE 3/4"x3/4" ALUMINUM SCRIBE MOLD AT PERIMETER OF BOTH SIDES ON ALL WINDOWS UNLESS OTHERWISE SET. SCRIBE MOLDS IN SEALANT.

ALUMINUM WINDOW ELEVATIONS (W)
SCALE: 1/4" = 1'-0"




ALUMINUM STOREFRONT (SF) FRAME PROFILES
SCALE: 3" = 1'-0"

1. FOR STOREFRONT HEAD, JAMB AND SILL DETAILS REFER TO WALL SECTIONS AND STOREFRONT (5F) FRAME PROFILES 6/A-601.
2. PROVIDE SHIM SPACE, BACKER ROD AND SEALANT AROUND PERIMETER OF ALL STOREFRONT FRAMING WHERE FRAMING ABUTS DISSIMILAR MATERIALS.
3. PROVIDE FOAM INSULATION IN SHIM SPACE AROUND PERIMETER OF ALL STOREFRONT FRAMING.
4. DIMENSIONS SHOWN ARE NOMINAL. FIELD VERIFY ALL DIMENSIONS SHOWN PRIOR TO FABRICATION AND INSTALLATION.
5. ALL FRAMES IN EXTERIOR WALLS SHALL BE THERMALLY BROKEN WITH 1" INSULATED GLAZING.
6. REFER TO DOOR AND FRAME SCHEDULE FOR GLASS SCHEDULE.
7. ALL GLAZING SHALL CONFORM TO STATE AND LOCAL CODES.
8. JAMB, HEAD, AND SILL DO NOT SHOW WALL CONSTRUCTION. SEE FLOOR PLAN FOR WALL MATERIALS. SEE ROOM FINISH SCHEDULE FOR WALL FINISHES.
9. PROVIDE GLAZING AND SETTING AND SEALING ACCESSORIES AS REQUIRED.



ALUMINUM STOREFRONT FRAME ELEVATIONS (SF)
SCALE: 1/4" = 1'-0"

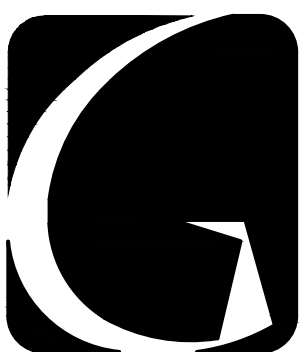


A-610

Wednesday, 11/9/2022 - 10:11 AM - LAST SAVED BY:JGRUBER
Y:\21-137 DUNELAND SC - LIBERTY ES ADDITIONS AND
RENOVATIONS\21-137 DRAWINGS\05 ARCH\A-610.DWG

PLASTIC LAMINATE CASEWORK SCHEDULE

MARK	CATALOG NUMBER	WIDTH	DESCRIPTION	AD-3	AD-2
B1	10432	36"	24"D X 29"H BASE, 2 DRAWERS, 2 DOORS, ADJUSTABLE SHELF		
B2	10446	36"	24"D X 29"H BASE, 1 DRAWERS, 2 DOORS, ADJUSTABLE SHELF		
B3	10129	36"	24"D X 29"H BASE, 2 DOORS, ADJUSTABLE SHELF		
B4	10129	36"	24"D X 32"H BASE, 2 DOORS, ADJUSTABLE SHELF		
B5	10432	36"	24"D X 32"H BASE, 2 DRAWERS, 2 DOORS, ADJUSTABLE SHELF		
B6	10421	36"	24"D X 32"H BASE, 1 DRAWERS, 1 DOOR, ADJUSTABLE SHELF, RIGHT		
B7	10339	24"	24"D X 29"H BASE, 3 DRAWERS		
B8	10432	36"	24"D X 32"H BASE, 2 DRAWERS, 2 DOORS, ADJUSTABLE SHELF		
B9	10120	15"	24"D X 29"H BASE, 1 DOORS, ADJUSTABLE SHELF, RIGHT HINGED		
B10	10121	15"	24"D X 29"H BASE, 1 DOORS, ADJUSTABLE SHELF, LEFT HINGED		
SB1	10479	36"	24"D X 29"H FALSE FRONT, DOORS, REMOVABLE BACK		
SB2	10479	36"	24"D X 32"H FALSE FRONT, DOORS, REMOVABLE BACK		
M1	22241	30"	24"D X 42"H OPEN MAIL SLOTS		
W1	16121	12"	14"D X 30"H WALL, DOOR, LEFT HINGED, ADJUSTABLE SHELVES		
W2	16120	12"	14"D X 30"H WALL, DOOR, RIGHT HINGED, ADJUSTABLE SHELVES		
W3	16129	36"	14"D X 18"H WALL, 2 DOOR, ADJUSTABLE SHELVES		
W4	16129	36"	14"D X 30"H WALL, DOOR, ADJUSTABLE SHELVES		
W5	16129	39"	14"D X 30"H WALL, DOOR, ADJUSTABLE SHELVES		
W6	16129	42"	14"D X 30"H WALL, DOOR, ADJUSTABLE SHELVES		
W7	16121	24"	14"D X 30"H WALL, DOOR, ADJUSTABLE SHELVES, HINGE LEFT		
W8	16120	15"	14"D X 30"H WALL, DOOR, RIGHT HINGED, ADJUSTABLE SHELVES		
W9	16121	15"	14"D X 30"H WALL, DOOR, LEFT HINGED, ADJUSTABLE SHELVES		
T1	26610	36"	24"D X 84"H TALL WARDROBE, 2 DOORS, FILE UNIT, LOCKABLE		
T2	26129	36"	24"D X 84"H TALL STORAGE, 2 DOORS, ADJUSTABLE SHELVES		
C1	62034	40"	14"D X 49"H LOCKERS		
C2	62033	30"	14"D X 49"H LOCKERS		
C3	62032	20"	14"D X 49"H LOCKERS		



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**LIBERTY
ELEMENTARY
SCHOOL -
RENOVATIONS**

DUNELAND SCHOOL CORPORATION
CHESTERTON, INDIANA

GENERAL NOTES (APPLIES TO PLASTIC LAMINATE CASEWORK)

- REFER TO EQUIPMENT PLANS FOR CASEWORK LOCATIONS AND FINISH LEGEND IN "A-800" SERIES DRAWINGS FOR FINISH INFORMATION. REFER TO SPECIFICATIONS FOR ADDITIONAL INFORMATION.
- FOR SCHEDULING PURPOSES ONLY, MODEL NUMBERS ARE TAKEN FROM STEVENS INDUSTRIES, INC. (UNLESS NOTED OTHERWISE) AND ARE FOR CABINET REQUIREMENTS ONLY. SEE SPECIFICATIONS FOR CABINET CONSTRUCTION METHODS.
- VERIFY ALL PLAN AND CASEWORK DIMENSIONS WITH CASEWORK MANUFACTURER.
- ALL COUNTERTOPS TO BE PLASTIC LAMINATE WITH 4" HIGH PLASTIC LAMINATE BACKSPLASH AND/OR ENDSPLASH AT ALL LOCATIONS WHERE COUNTERTOP MEETS ADJACENT SURFACE (UNLESS NOTED OTHERWISE).
- PROVIDE 3MM PVC EDGE ON ALL PLASTIC LAMINATED COUNTERTOPS AND BACKSPLASHES.
- PROVIDE A 4" HIGH TOE SPACE ON ALL BASE AND FULL HEIGHT CABINETS.
- ALL EXPOSED CASEWORK SURFACES TO BE PLASTIC LAMINATE FINISHED, INCLUDING OPEN INTERIORS OF CABINETRY (UNLESS NOTED OTHERWISE).
- ALL EXPOSED CASEWORK ENDS SHALL BE FINISHED TO MATCH CASEWORK FRONTS.
- PROVIDE CONTINUOUS PLASTIC LAMINATE SLOPED TOPS ON ALL WALL AND FULL HEIGHT CABINETS (UNLESS OTHERWISE NOTED).
- FILLER PANELS, TRIM, AND MOLDING PROVIDED SHALL BE CONTINUOUS AS NECESSARY TO MAKE CASEWORK CONTINUOUS TO ADJACENT PARTITION, CEILING, AND/OR BULKHEAD. CASEWORK MANUFACTURER / INSTALLER SHALL PROVIDE ALL FILLERS AND SCRIBES AS REQUIRED FOR A COMPLETE AND FINISHED CASEWORK INSTALLATION.
- PROVIDE LOCKS ON ALL WARDROBE UNITS KEYS ALIKE BY ROOM.
- ALL ADJOINING CABINETS SHALL BE ALIGNED.
- WHERE CASEWORK REQUIRES SHIMMING, PROVIDE ONLY APPROVED METAL SHIMS.
- CABINETS LOCATED IN FRONT OF A PIPE CHASE SHALL HAVE REMOVABLE BACKS.
- PROVIDE JOINT SEALANT AT ALL JUNCTIONS OF CASEWORK / COUNTERTOPS WITH ADJACENT WALL OR CASEWORK.
- PROVIDE 4" HIGH VINYL COVE BASE AT ALL TOE SPACE AREAS AND AT EXPOSED SURFACES AND SIDES OF CABINETS ADJACENT TO TOE SPACES. BY FLOORING INSTALLER.
- REFER TO ELECTRICAL DRAWINGS AND SCHEDULES FOR DEVICE TYPES, HEIGHTS AND LOCATIONS.
- REFER TO PLUMBING DRAWINGS AND SCHEDULES FOR FIXTURE TYPES AND LOCATIONS. REFER TO PLUMBING DRAWINGS FOR PLUMBING CONNECTIONS.
- ALL CUTTING, DRILLING AND PATCHING OF CASEWORK AND COUNTERTOPS AS REQUIRED FOR INSTALLATION OF PIPING OR CONDUIT SHALL BE BY CASEWORK MANUFACTURER / INSTALLER.
- REFER TO "G" SERIES SHEETS FOR MOUNTING HEIGHTS OF EQUIPMENT AND ACCESSORIES.

KEY NOTES (APPLIES TO PLASTIC LAMINATE CASEWORK)

- LINE OF FINISHED FLOOR
- WALL LINE
- CEILING LINE
- FINISHED BACK/END PANEL
- PAPER TOWEL DISPENSER (OFCI)
- 4" TOE SPACE WITH VINYL BASE BY FLOORING INSTALLER
- SOAP DISPENSER (OFCI)
- SLOPED TOP (CONTINUOUS)
- 25"D COUNTERTOP WITH 4" BACKSPLASH AND SIDESPLASH UNLESS NOTED OTHERWISE
- SINK, REFERENCE PLUMBING DRAWINGS
- MICROWAVE, BY OWNER
- FILLER PANEL

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PROJECT

21-137

DATE

10/17/22

COORDINATED BY

DJW

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AB

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REVISIONS

MARK DATE ISSUED FOR

AD-2 11/02/22 ADDENDUM NO. 2

AD-3 11/09/22 ADDENDUM NO. 3

DRAWING

**CASEWORK SCHEDULE AND
ELEVATIONS**

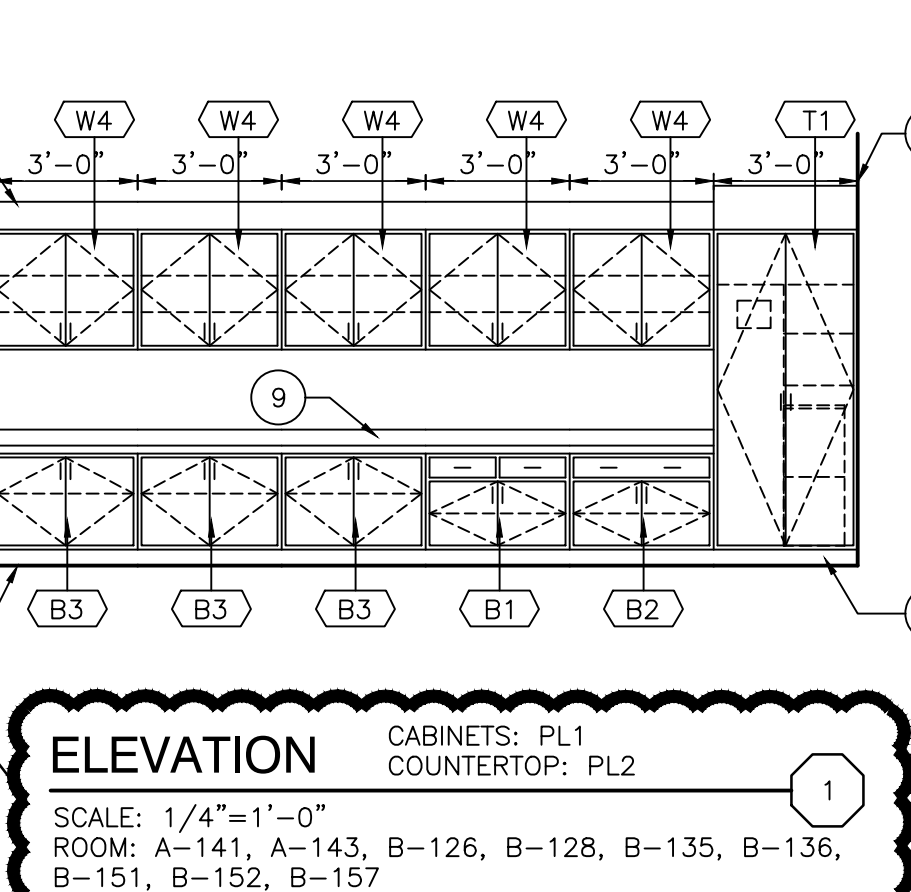
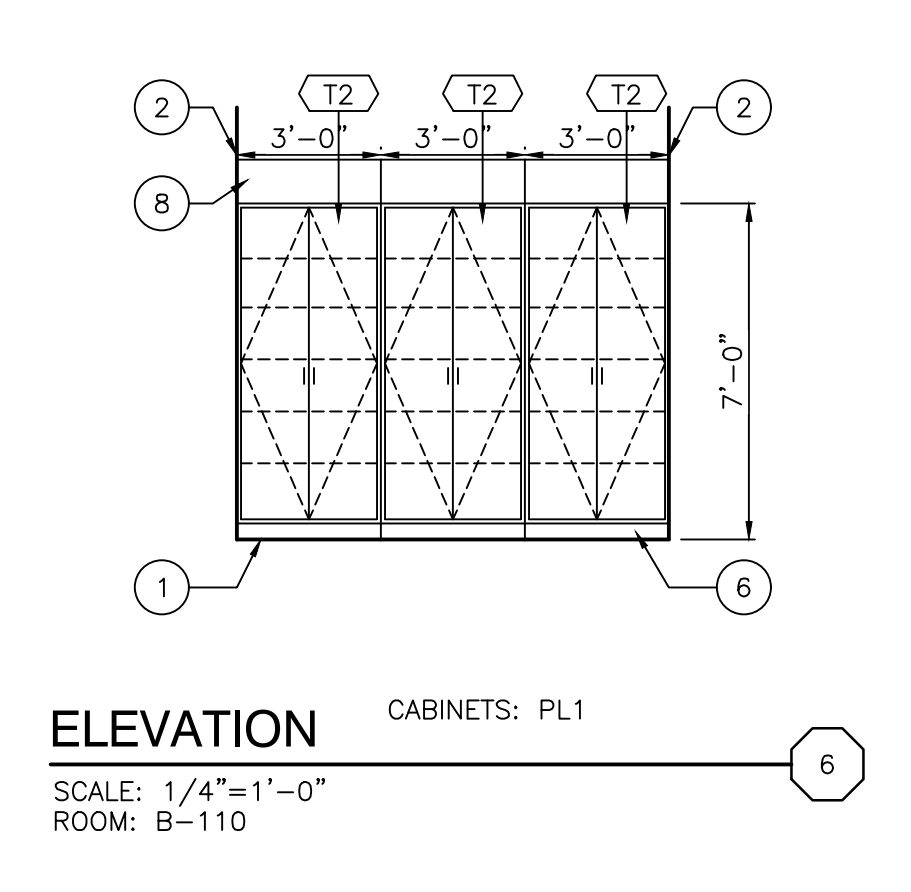
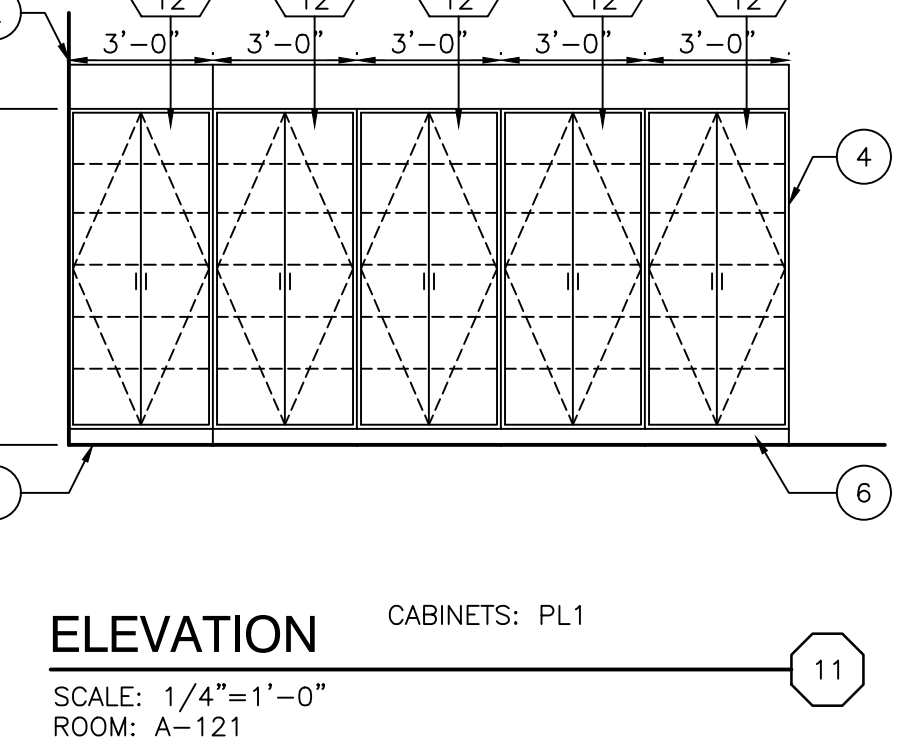
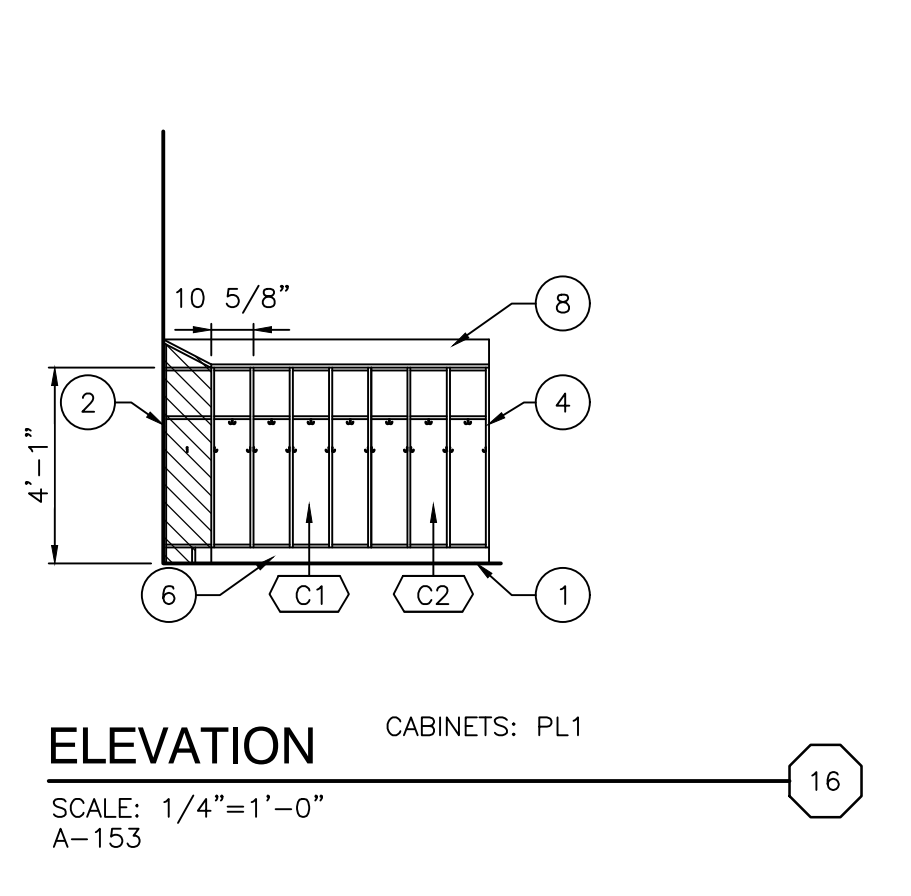
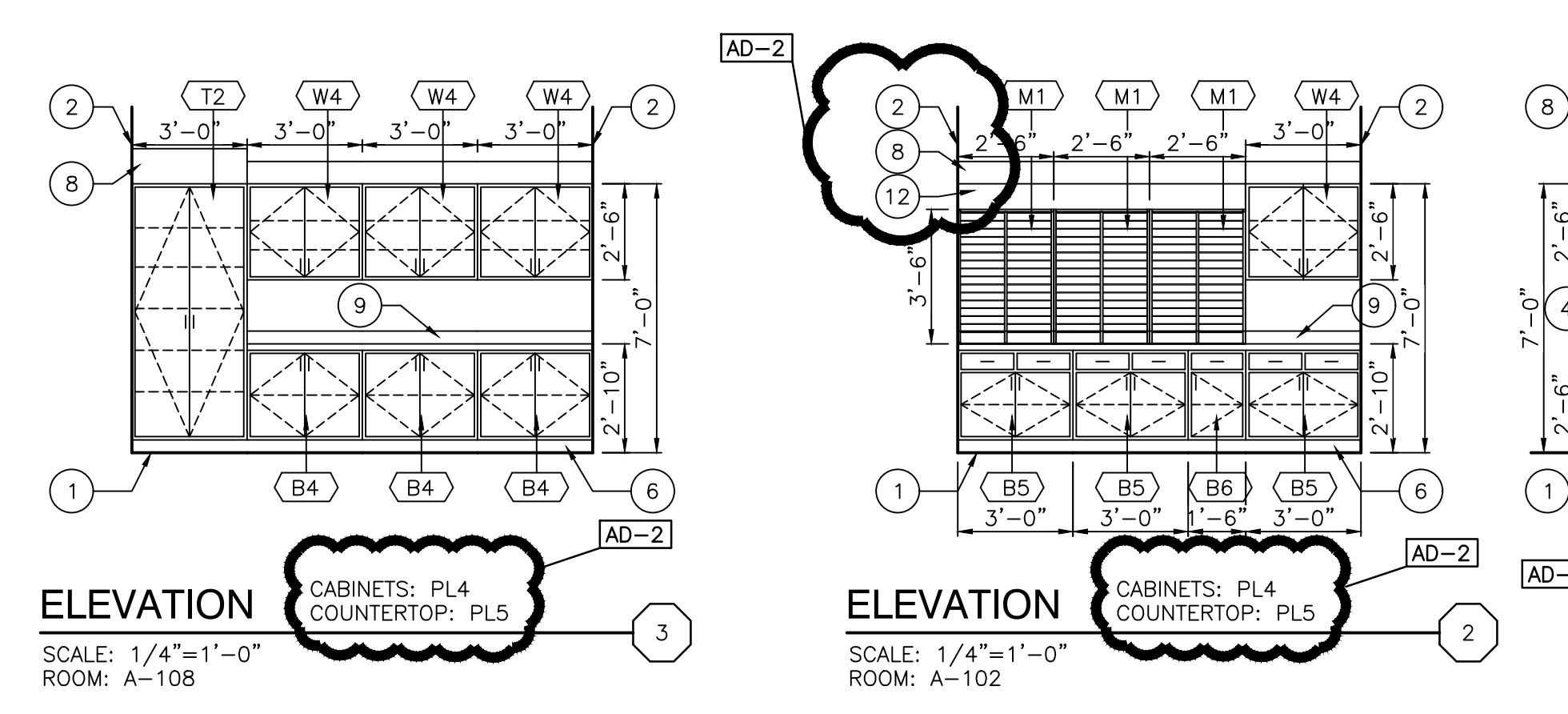
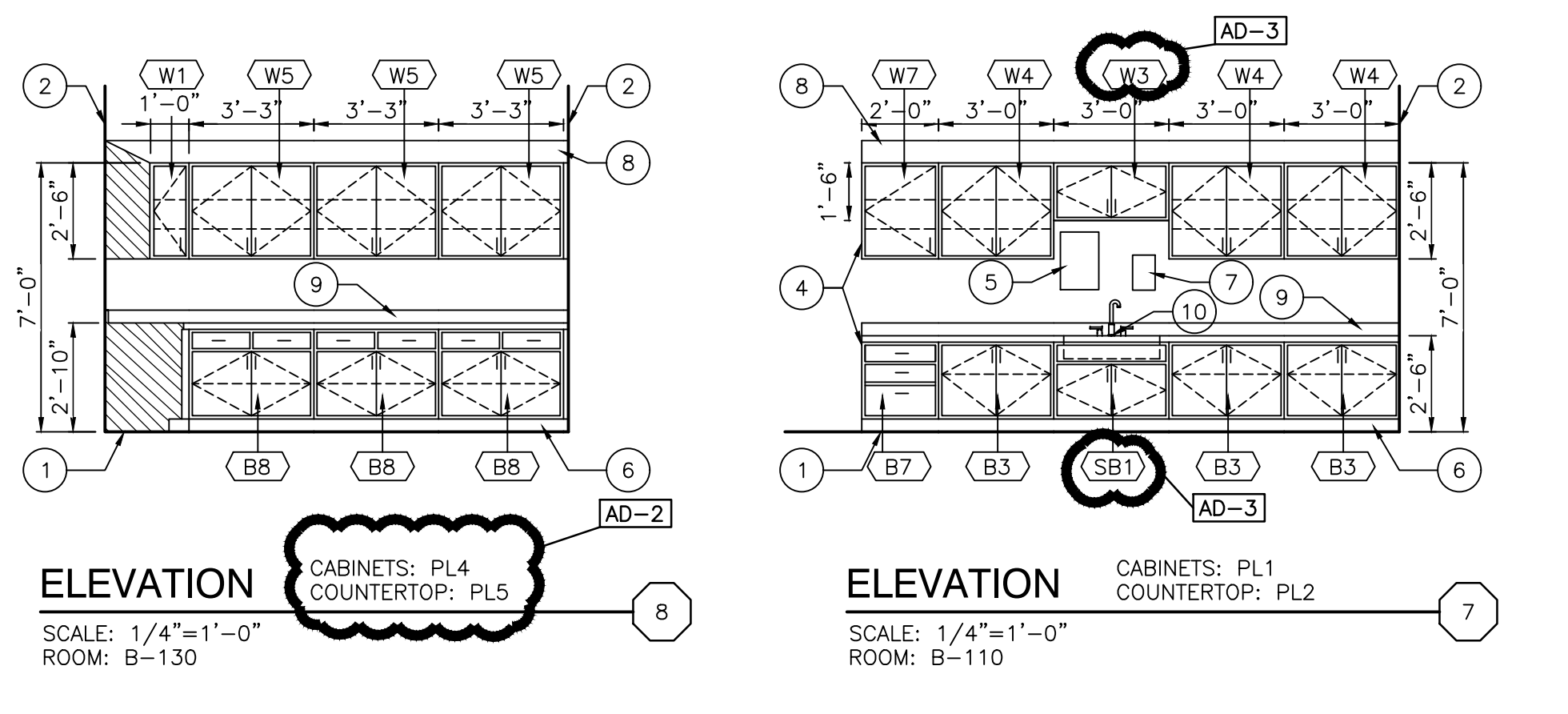
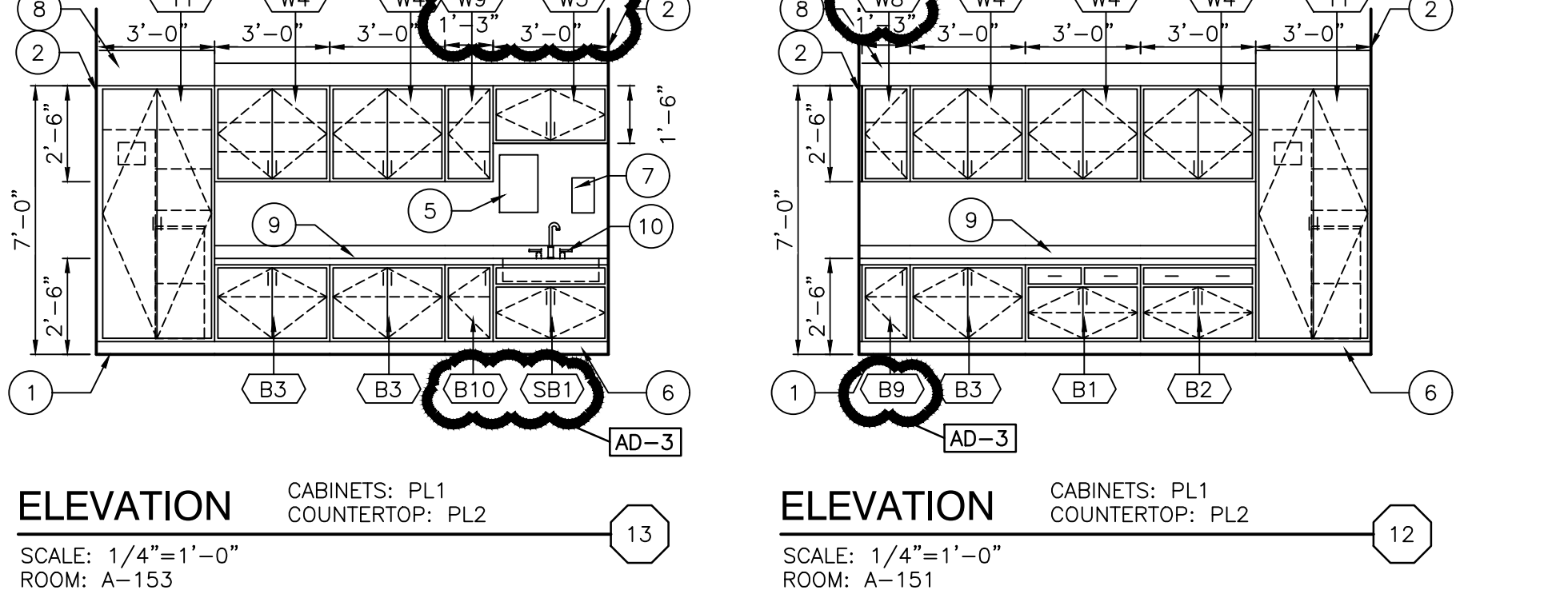
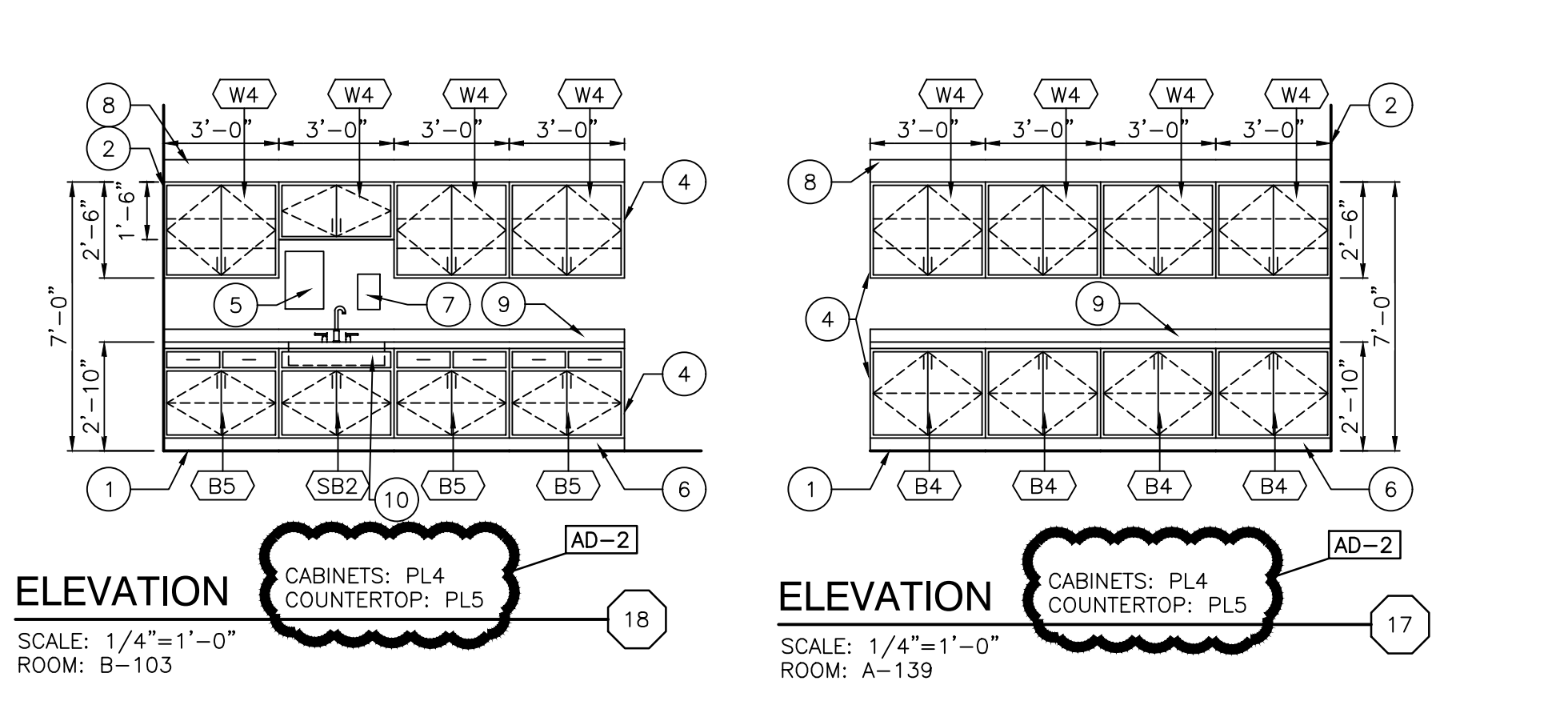
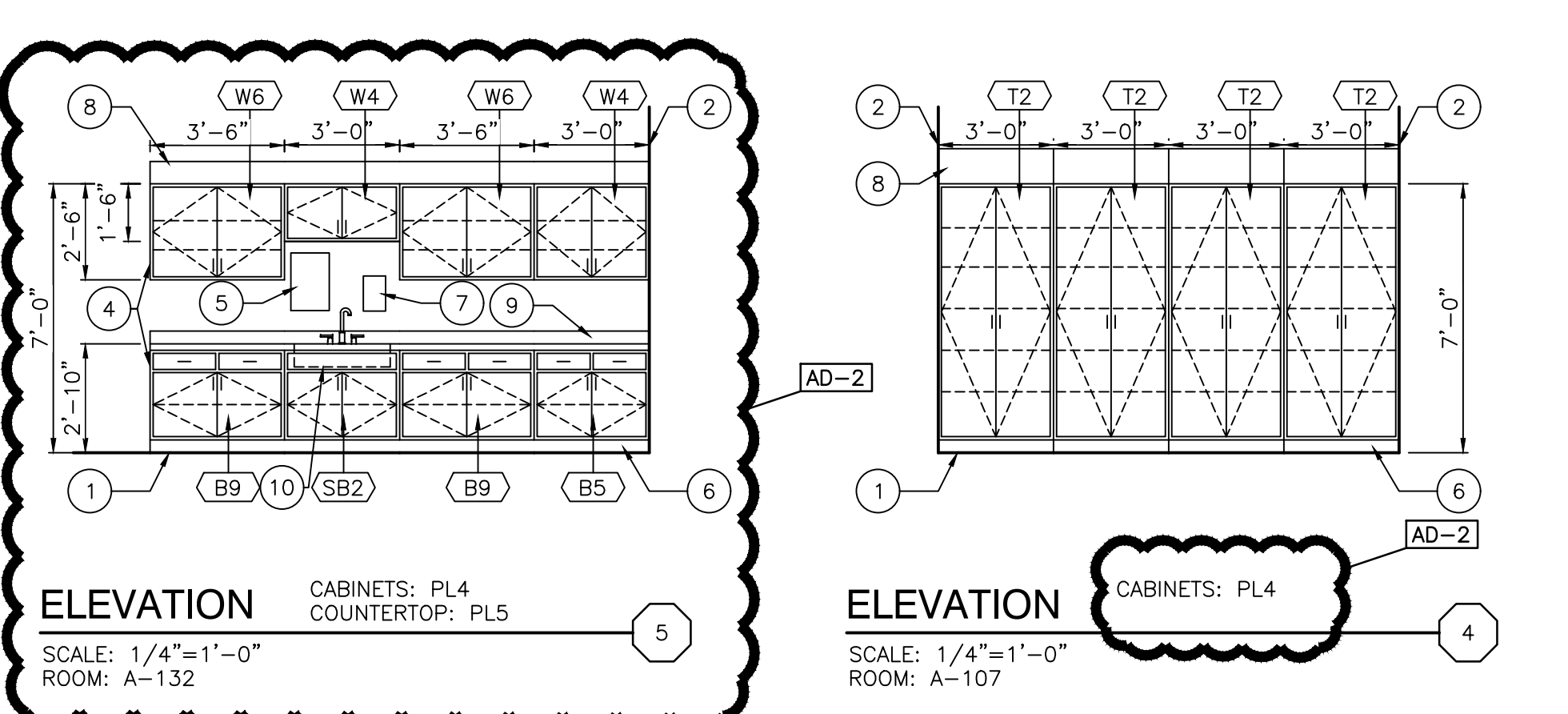
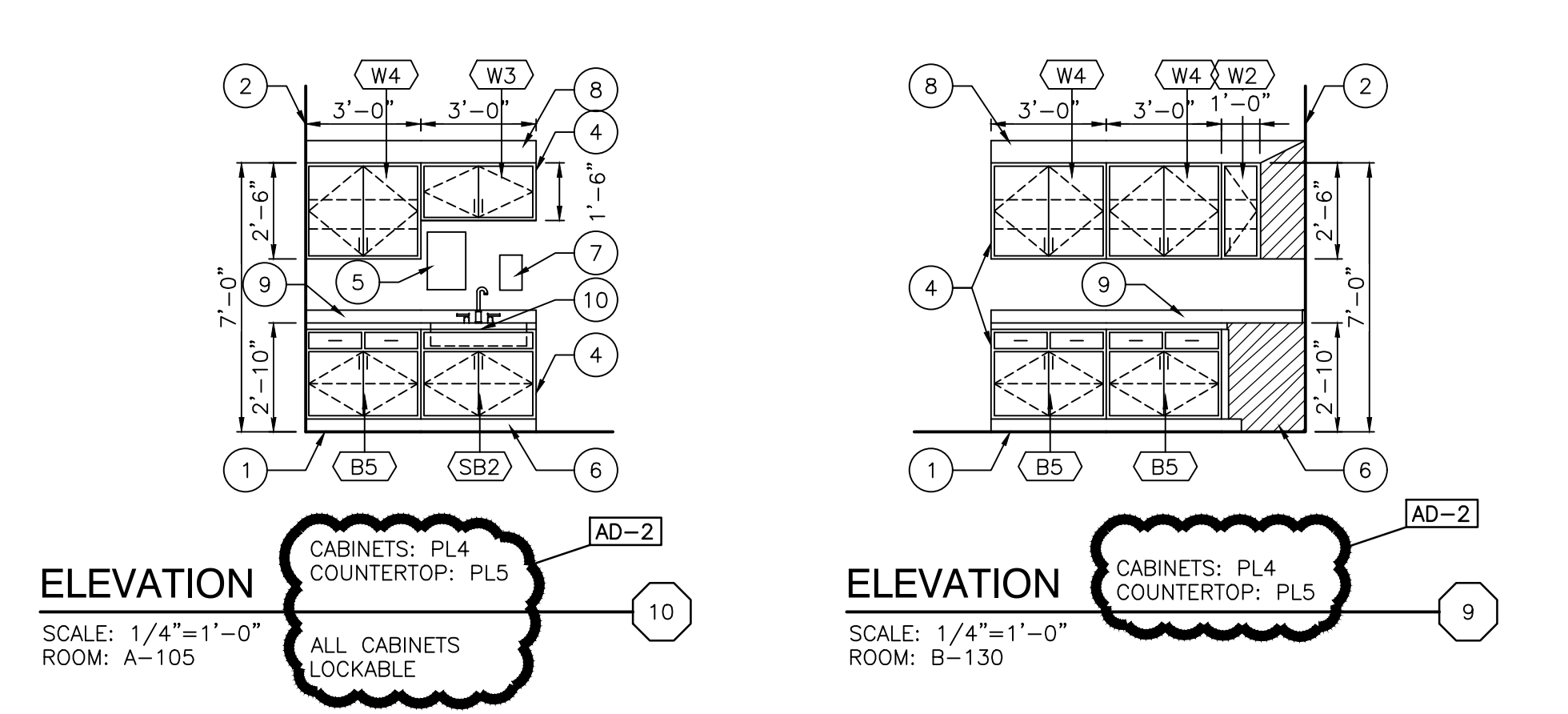
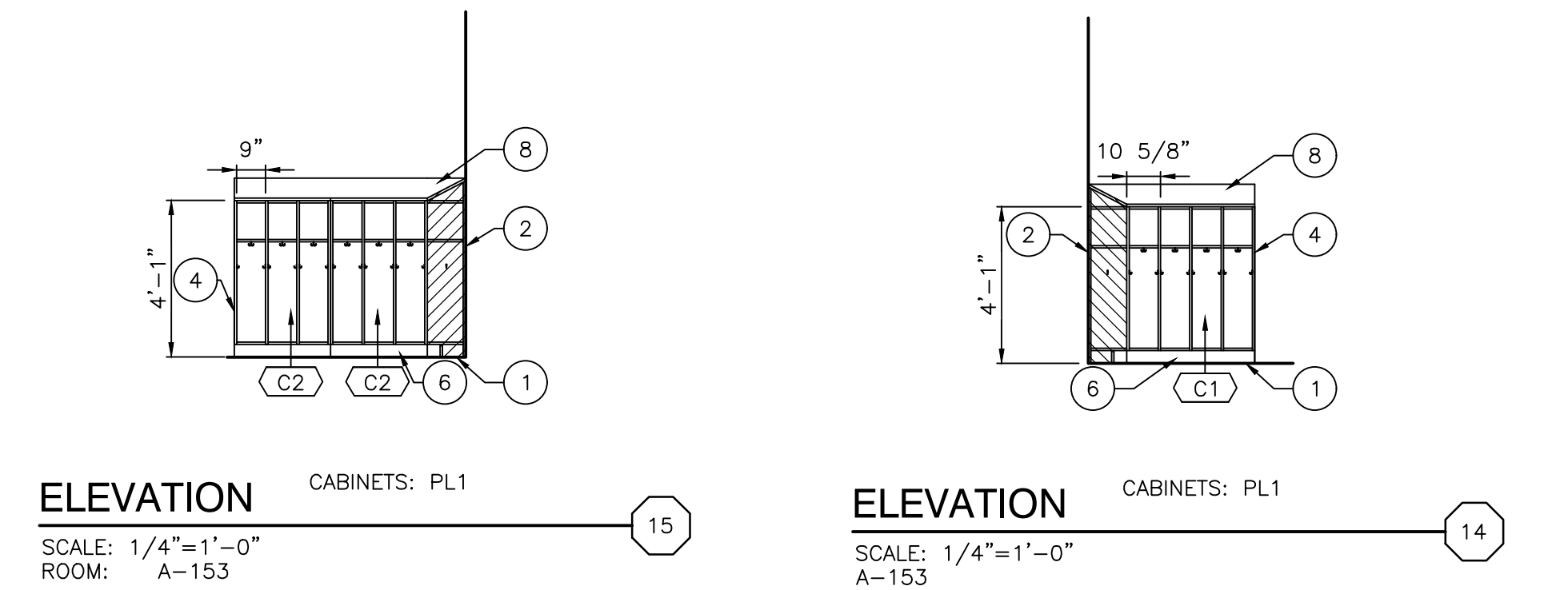
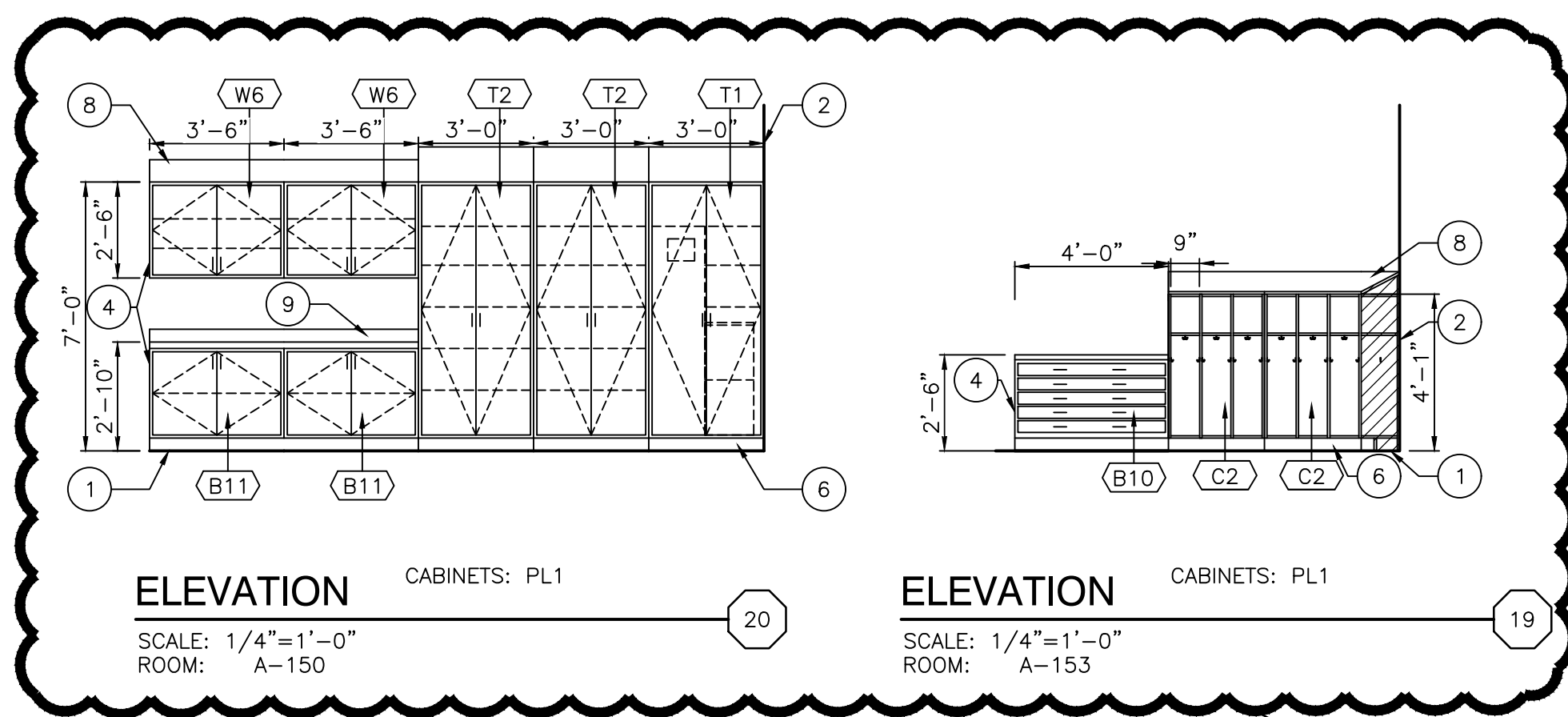
PROJECT

LIBERTY ES - RENOVATIONS

GIBRALTAR DESIGN

SHEET

A-730



GENERAL FINISH PLAN NOTES:

- A. REFERENCE FINISH LEGEND FOR FINISH INFORMATION.
- B. REFERENCE FLOOR PATTERN PLANS, EQUIPMENT PLANS, INTERIOR ELEVATIONS, REFLECTED CEILING PLANS AND WRITTEN SPECIFICATIONS FOR ADDITIONAL FINISH INFORMATION.
- C. PRIOR TO INSTALLATION OF NEW FINISHES CONTRACTOR SHALL INSPECT ALL SUBSTRATES. IF A SUBSTRATE IS DEEMED UNACCEPTABLE THE CONTRACTOR SHALL TAKE THE NECESSARY STEPS TO RECTIFY THE SITUATION OR CONTACT THE ARCHITECT WITH THE CONCERN. PROCEEDING WITH THE INSTALLATION OF FINISHES WILL BE CONSIDERED THAT THE INSTALLER AND/OR FINISHER HAS ACCEPTED SAID SUBSTRATE. NO CHANGE ORDER WILL BE ISSUED TO RECTIFY CONCEALED, OR UNSATISFACTORY SUBSTRATE ONCE FINISH WORK HAS PROCEEDED.
- D. PREPARE ALL WALL CONSTRUCTION, NEW AND EXISTING, TO RECEIVE NEW FINISHES AS PER MANUFACTURER'S RECOMMENDED INSTALLATION METHODS AND MATERIALS FOR ALL FINISHES.
- E. ALL FLOORING IS TO BE LEVELED WITHIN 1/4" IN 10'-0" WITH LATEX MATERIAL. MOISTURE CONTENT IN AREA IS TO BE TESTED PRIOR TO INSTALLATION OF FLOORING MATERIAL. CONTRACTOR TO INSTALL FLOORING PER MANUFACTURER'S RECOMMENDED METHOD.
- F. FLOORING CONTRACTOR TO SUBMIT A SEAMING DIAGRAM FOR FLOORING MATERIAL INCLUDING NOTATION OF MATERIAL DIRECTION.
- G. ALL FLOORING TRANSITIONS SHALL COMPLY WITH ADA GUIDELINES.
- H. ALL EXPOSED METAL SURFACES, SUCH AS GRILLES, FIRE EXTINGUISHER CABINETS, ETC., THAT ARE NOTED TO BE PAINTED, SHALL BE PAINTED WITH ALKID TYPE PAINT. COLOR TO BE COORDINATED WITH DESIGNER UNLESS OTHERWISE NOTED.
- I. CONTRACTOR TO PROVIDE AND INSTALL FLOORING TRANSITIONS AS INDICATED ON THE FLOOR PATTERN PLANS, WHERE NONE ARE NOTED, CONTRACTOR SHALL VERIFY REQUIRED TYPE/COLOR WITH ARCHITECT.
- J. ALL FLOOR FINISH TRANSITIONS AT DOORS SHALL BE CENTERED UNDER DOOR UNLESS NOTED OTHERWISE.
- K. FOR FLOOR FINISH TRANSITION DETAILS REFER TO 6/A-501.
- L. THE CONTRACTOR SHALL BE RESPONSIBLE TO VERIFY THAT ALL NEW INTERIOR WALL AND CEILING FINISHES WILL BE CLASS B MINIMUM, WITH A FLAME SPREAD RATING OF 75 MAXIMUM, AND A SMOKE DEVELOPED INDEX OF 450 MAXIMUM, PER IBC SECTION 603.
- M. PAINT ALL SIDES OF NEW AND EXISTING DOOR FRAMES TO MATCH EXISTING UNLESS NOTED OTHERWISE.
- N. EXPOSED SURFACES OF DUCTWORK TO BE PAINTED TO MATCH ADJACENT SURFACES UNLESS NOTED OTHERWISE.
- O. EXISTING BRICK TO REMAIN AND DO NOT PAINT.

FINISH SYMBOL LEGEND:

P1	WALL FINISH
C1	FLOOR FINISH
B1	BASE FINISH
---	MISC FINISH INFORMATION

— FLOOR TRANSITION STRIP AS REQUIRED

↑ INDICATES DIRECTION OF MATERIAL GRAIN

FINISH PLAN NOTES:

(ALL PLAN NOTES MAY NOT BE INDICATED ON THIS PLAN)

- NO NEW FINISHES THIS ROOM, EXCLUDING DOOR FRAMES CONNECTED TO OTHER ROOMS THAT RECEIVE NEW FINISHES.
- MATCH EXISTING WALL FINISHES, WALL PAINT AND PROVIDE NEW BASE.
- WALL TILE, WT1, FULL HEIGHT OF WALL.
- WALL TILE - REFER TO INTERIOR ELEVATIONS AND FINISH LEGEND.
- WALL TILE, SEE WALL TILE PATTERN - A-860
- PAINT, P2.
- PAINT, P3
- WALLCOATING, W6
- PAINT, P4.
- PAINT, W6
- WALL TILE, SEE WALL TILE PATTERN - A-860
- PAINT, W1
- CARPET, C4
- PAINT, P6
- WALLCOATING, W3
- SEE WALL TILE PATTERN, ALL WALLS WITH PATTERN, A-860
- PAINT BULKHEAD, P9
- PAINT, SEE ELEVATION A-860
- WALLCOATING, W4
- SCHULTER TILE TRIM AT ALL OUTSIDE CORNERS
- MATCH EXISTING WALL FINISHES, WALL TILE.
- WALL PADDING TO REMAIN, PAINT ALL EXPOSED WALL SURFACE.



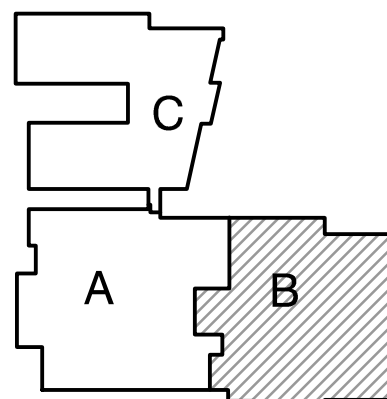
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PROJECT

**LIBERTY
ELEMENTARY
SCHOOL -
RENOVATIONS**

DUNELAND SCHOOL CORPORATION
CHESTERTON, INDIANA



KEY PLAN

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MARK	DATE	ISSUED FOR
AD-2	11/02/22	ADDENDUM NO. 2
AD-3	11/09/22	ADDENDUM NO. 3

DRAWING

UNIT "B" FIRST FLOOR FINISH PLAN

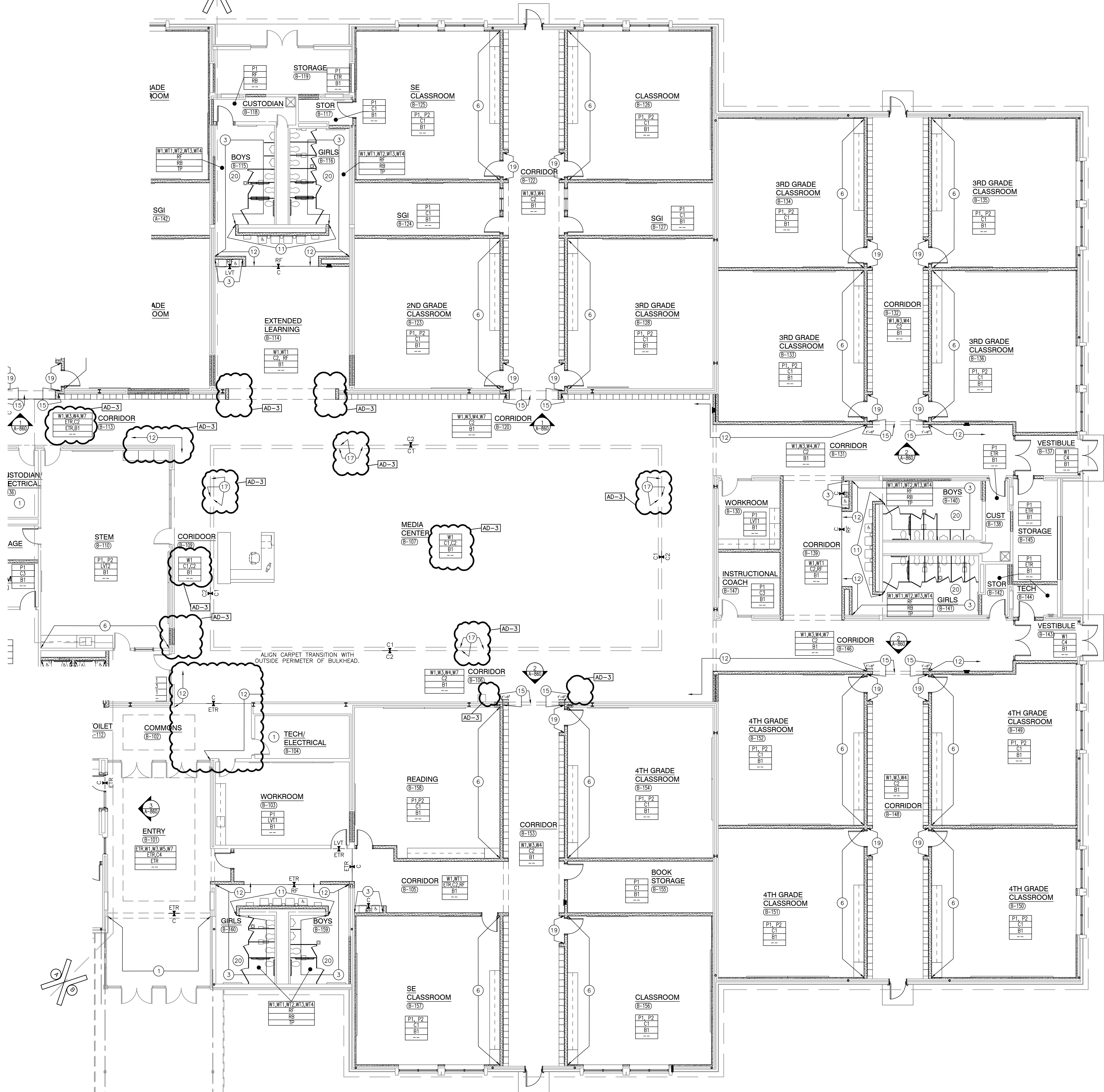
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LIBERTY ES - RENOVATIONS

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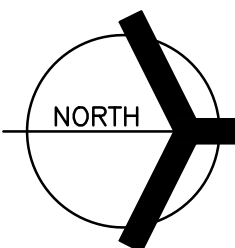
SHEET

A-802



UNIT "B" FIRST FLOOR FINISH PLAN

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



AD-2 - ENTIRE SHEET SUBMITTED IN ADDENDUM 2

Tuesday, 11/8/2022 - 2:58 PM - LAST SAVED BY:CHELSON
Y:\21-137 DUNELAND SC - LIBERTY ES ADDITIONS AND
RENOVATIONS\21-137 DRAWINGS\05 ARCH\A-820.DWG

AD-3

FINISH LEGEND							
SURFACE	MARK	DESCRIPTION	MANUFACTURER	PATTERN/FINISH	NUMBER/COLOR	SIZE	COMMENTS
WALL BASE							
	B1	VINYL	TARKETT	---	BURGUNDY 85	4" COVE	
	B2	VINYL	TARKETT	---	---	4" COVE	MATCH EXISTING
	RB	RESINOUS EPOXY	SHERWIN WILLIAMS	RESUFLOL DECO QUARTZ	MORNING FOG BC23	5" COVE	---
FLOOR MATERIALS							
C1	C1a	CARPET TILE	TARKETT	CRAYON 01957	FIREFLIES 48006	24" X 24"	INSTALL: MONOLITHIC
	C1b	CARPET TILE	MANNINGTON	ALL STAR - GAMETIME III	ROBINSON (ROBI)	24" X 24"	INSTALL: MONOLITHIC
C2	C2a	CARPET TILE	TARKETT	AFTERMATH II 03026	FIREWORKS 23514	24" X 24"	INSTALL: VERTICAL ASHLAR
	C2b	CARPET TILE	MANNINGTON	ALL STAR - HALFTIME	ROBINSON (ROBI)	24" X 24"	INSTALL: MONOLITHIC
C3	C3a	CARPET TILE	TARKETT	APPLAUSE III 02803	FOOTHILL 28521	24" X 24"	INSTALL: MONOLITHIC
	C3b	CARPET TILE	MANNINGTON	LOGOIC - PHENOMENIA	HELMETRON 13634	24" X 24"	INSTALL: VERTICAL ASHLAR
C4	C4a	WALK OFF CARPET TILE	TARKETT	ASSERTIVE ACTION 04837	CHROMIUM 26201	24" X 24"	INSTALL: QUARTER TURN
	C4b	WALK OFF CARPET TILE	MANNINGTON	FORCE	KINETIC 11360	18" X 36"	INSTALL: HORIZONTAL BRICK ASHLAR
LVT1	LVT1a	LUXURY VINYL TILE	TARKETT	CONTOUR	COLOR POP SAND DOLLAR PCOP C147	18" X 18"	INSTALL: VERTICAL ASHLAR
	LVT1b	LUXURY VINYL TILE	MANNINGTON	ACTIVE LINES - GRID	ZING CHAROAL 207	18" X 18"	NON-BEVELED EDGE, INSTALL: BLOCKED
LVT2	LVT2a	LUXURY VINYL TILE	TARKETT	CONTOUR	COLOR POP SEA SALT PCOP C145	18" X 18"	INSTALL: VERTICAL ASHLAR
	LVT2b	LUXURY VINYL TILE	MANNINGTON	ACTIVE LINES - CRISSCROSS	FLASH 101	18" X 18"	NON-BEVELED EDGE, INSTALL: BLOCKED
LVT3	LVT3a	LUXURY VINYL TILE	TARKETT	CONTOUR	COLOR POP MALT PCOP C146	18" X 18"	INSTALL: VERTICAL ASHLAR
	LVT3b	LUXURY VINYL TILE	MANNINGTON	ACTIVE LINES - GRID	ZING 201	18" X 18"	NON-BEVELED EDGE, INSTALL: BLOCKED
	RF	RESINOUS EPOXY	SHERWIN WILLIAMS	RESUFLOL DECO QUARTZ	MORNING FOG BC23	---	
	SC	SEALED CONCRETE	---	---	---	---	
WALL MATERIALS							
	P1	PAINT	SHERWIN WILLIAMS	---	REPOSE GRAY SW 7015	---	
	P2	PAINT	SHERWIN WILLIAMS	---	ACIER SW 9170	---	
	P3	PAINT	SHERWIN WILLIAMS	---	GAUNTLET GRAY SW 7019	---	
	P4	PAINT	SHERWIN WILLIAMS	---	TAUPE TONE SW 7633	---	
	P5	PAINT	SHERWIN WILLIAMS	---	CUSTOM TO MATCH EXISTING	---	
	P6	PAINT	SHERWIN WILLIAMS	---	CUSTOM COLOR	---	* SEE NOTE 1
	P7	PAINT	SHERWIN WILLIAMS	---	HIGH REFLECTIVE WHITE SW 7757	---	
	P8	PAINT	SHERWIN WILLIAMS	---	URBANE BRONZE SW 7048	---	
	P9	PAINT	SHERWIN WILLIAMS	---	CUSTOM COLOR	---	* SEE NOTE 2
	W1	WALLCOATING	SHERWIN WILLIAMS	---	REPOSE GRAY SW 7015	---	
	W2	NOT USED					
	W3	WALLCOATING	SHERWIN WILLIAMS	---	GAUNTLET GRAY SW7019	---	
	W4	WALLCOATING	SHERWIN WILLIAMS	---	TAUPE TONE SW 7633	---	
	W5	NOT USED					
	W6	WALLCOATING	SHERWIN WILLIAMS	---	CUSTOM COLOR	---	* SEE NOTE 1
	W7	WALLCOATING	SHERWIN WILLIAMS	---	HIGH REFLECTIVE WHITE SW 7757	---	
	WT1	CERAMIC WALL TILE	AMERICAN OLEAN	---	CALM 0035	6" X 6"	
	WT2	CERAMIC WALL TILE	AMERICAN OLEAN	---	STABLE 0055	3" X 6"	
	WT3	CERAMIC WALL TILE	AMERICAN OLEAN	---	STORM GRAY 0040	3" X 6"	
	WT4	CERAMIC WALL TILE	AMERICAN OLEAN	---	PASSION 0019	3" X 6"	
CASEWORK AND MILLWORK							
	PL1	PLASTIC LAMINATE	PIONITE	---	APPEARS LTKATRE WP115	---	
	PL2	PLASTIC LAMINATE	NEVAMAR	---	BLUE LUNARIA LU3001T	---	
	PL3	PLASTIC LAMINATE	WILSONART	---	5TH AVEELM 7966K-12	---	
	PL4	PLASTIC LAMINATE	NEVAMAR	---	VOUS TEMPEST VS6002-T	---	
	PL5	PLASTIC LAMINATE	NEVAMAR	---	WINTER GRAY MATRIX MR6005T	---	
	SS1	SOLID SURFACE	WILSONART	---	TUMBLD STONE 9220CE	---	
	SS2	SOLID SURFACE	WILSONART	---	WHITE STONE 9208CS	---	
	SS3	SOLID SURFACE	WILSONART	---	BEIGE TRAVERTINE 9236SS	---	
MISCELLANEOUS							
	RS1	WINDOW ROLLER SHADE	MECHO	---	---	---	---
	CG1	CORNER GUARD	---	---	---	---	---
	L1	LOCKERS	LYON	---	TAUPE GY835-3N	---	---
	TP1	TOILET PARTITION	HINDY HIDERS	ORANGE PEEL TEXTURE	SHALE	---	---
	PC	PRIVACY CURTAIN	MAHARAM	PROGRESSION 3 511517	EARTHEN 006	---	---
	TRIM1	METAL TRIM	SCHLUTER	---	---	---	---
		WOOD DOOR	---	---	MATCH EXISTING	---	---

ETR = EXISTING TO REMAIN

- NOTE 1 SHERWIN WILLIAMS 062018 DUNELAND'S MAROON - CUSTOM MANUAL MATCH
INTERIOR SUPER PAINT SEMI GLOSS LATEX IFC 8012NP
- | | | | | |
|-------------|----|----|----|-----|
| CC#COLORANT | OZ | 32 | 64 | 128 |
| W1-WHITE | - | 10 | 1 | 1 |
| L1-BLUE | - | 58 | 1 | - |
| R2-MAROON | - | 38 | 1 | 1 |
| R3-MAGENTA | 6 | 20 | - | - |
- NOTE 2 SHERWIN WILLIAMS 703287 DUNELAND'S GOLD - CUSTOM MANUAL MATCH
INTERIOR SUPER PAINT EG-SHIEL ACRYLIC LATEX IFC 8012NP
- | | | | | |
|-------------|----|----|----|-----|
| CC#COLORANT | OZ | 32 | 64 | 128 |
| W1-WHITE | 2 | 22 | - | 1 |
| R4-NEW RED | - | 14 | 1 | 1 |
| Y1-YELLOW | 8 | 27 | - | 1 |
- NOTE 3 IT IS INTENDED THAT FLOORING (CARPET AND LVT) WITH MULTIPLE
MANUFACTURE OPTIONS, SHOULD BE BID AS "A" OR "B" PACKAGE ONLY.

AD-2

ENTIRE SHEET SUBMITTED
IN ADDENDUM 2



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DUNELAND SCHOOL CORPORATION
CHESTERTON, INDIANA

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PROJECT

21-137

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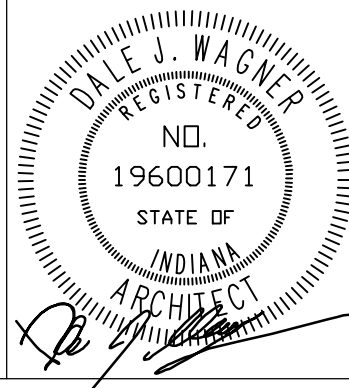
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AD-3	11/09/22	ADDENDUM NO. 3

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FINISH LEGEND

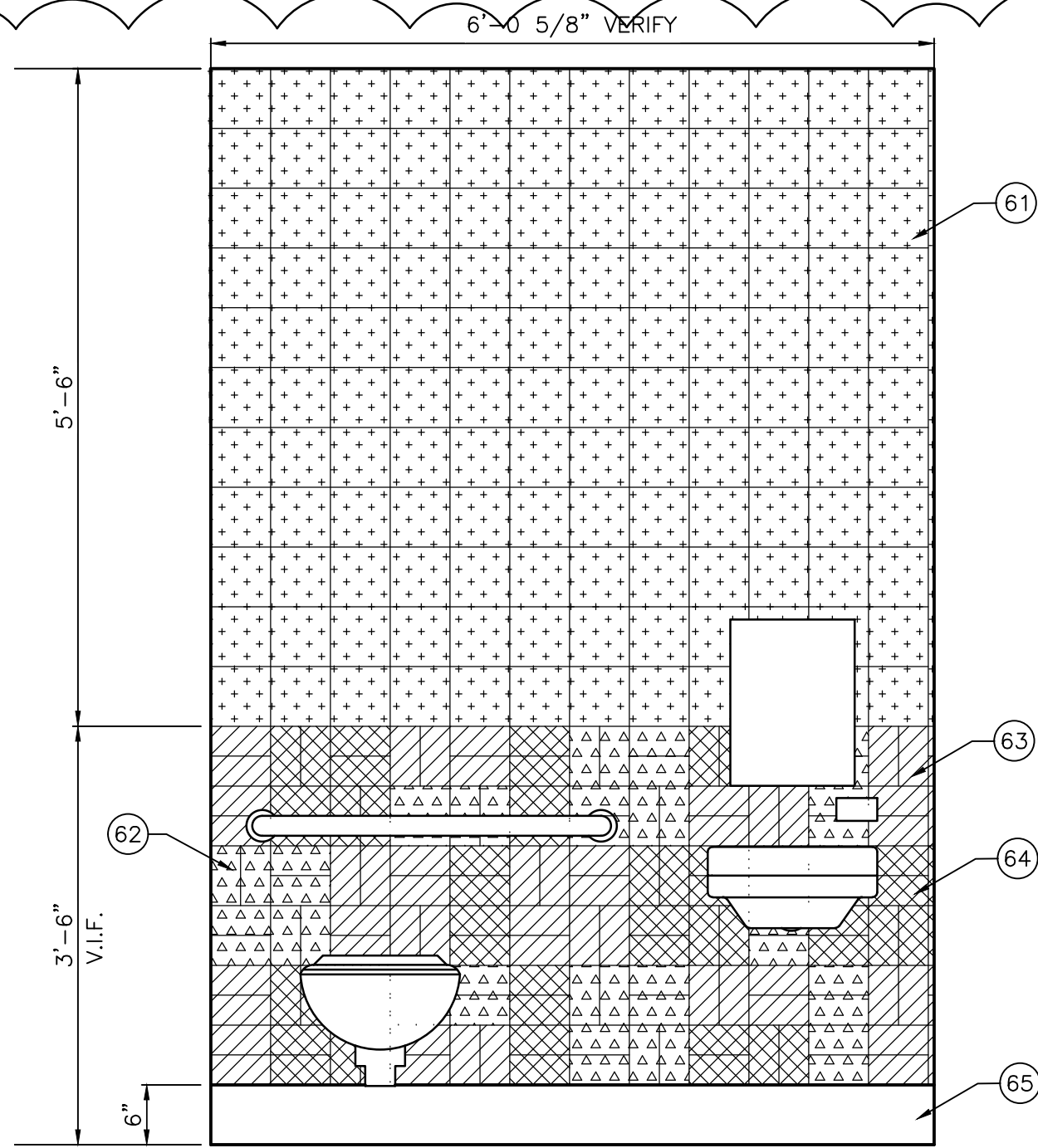
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LIBERTY ES - RENOVATIONS

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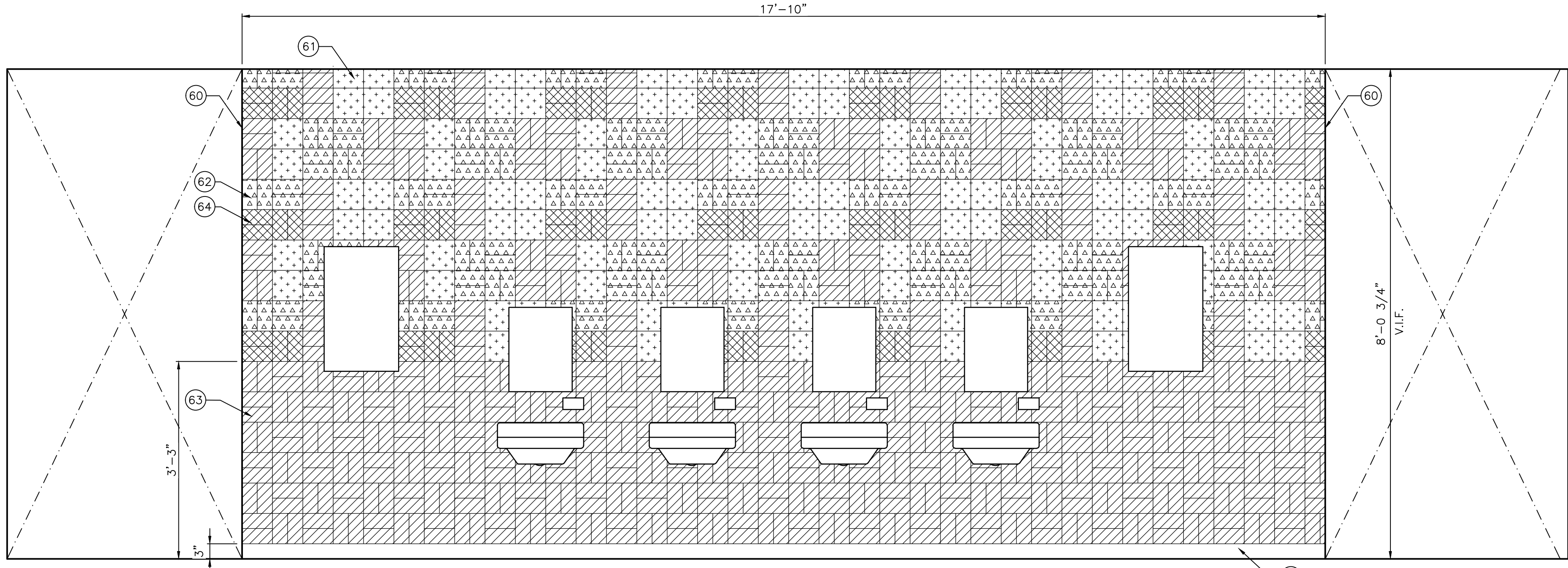
SHEET

A-820



TYPICAL RESTROOM TILE PATTERN
SCALE: 1/4" = 1'-0"

6
A-860



TYPICAL HAND SINK WALL TILE PATTERN
SCALE: 1/4" = 1'-0"

5
A-860

GENERAL INTERIOR ELEVATION NOTES:

- REFERENCE FINISH LEGEND FOR FINISH INFORMATION.
- REFERENCE FLOOR PATTERN PLANS, EQUIPMENT PLANS, INTERIOR ELEVATIONS, REFLECTED CEILING PLANS AND WRITTEN SPECIFICATIONS FOR ADDITIONAL FINISH INFORMATION.
- PRIOR TO INSTALLATION OF NEW FINISHES CONTRACTOR SHALL INSPECT ALL SUBSTRATES. IF A SUBSTRATE IS DEEMED UNACCEPTABLE THE CONTRACTOR SHALL TAKE THE NECESSARY STEPS TO RECTIFY THE SITUATION OR CONTACT THE ARCHITECT WITH THE CONCERN. PROCEEDING WITH THE INSTALLATION OF FINISHES WILL BE CONSTRUED THAT THE INSTALLER AND /OR FINISHER HAS ACCEPTED SAID SUBSTRATE. NO CHANGE ORDER WILL BE ISSUED TO RECTIFY CONCEALED, OR UNSATISFACTORY SUBSTRATE ONCE FINISH WORK HAS PROCEEDED.
- PREPARE ALL WALL CONSTRUCTION, NEW AND EXISTING, TO RECEIVE NEW FINISHES AS PER MANUFACTURE'S RECOMMENDED INSTALLATION METHODS AND MATERIALS FOR ALL FINISHES.
- ALL EXPOSED METAL SURFACES, SUCH AS GRILLES, FIRE EXTINGUISHER CABINETS, ETC. THAT ARE NOTED TO BE PAINTED, SHALL BE PAINTED WITH ALKYD TYPE PAINT. COLOR TO BE COORDINATED WITH DESIGNER UNLESS OTHERWISE NOTED.
- THE CONTRACTOR SHALL BE RESPONSIBLE TO VERIFY THAT ALL NEW INTERIOR WALL AND CEILING FINISHES WILL BE CLASS B MINIMUM, WITH A FLAME SPREAD RATING OF 75 MAXIMUM, AND A SMOKE DEVELOPED INDEX OF 450 MAXIMUM, PER IRC SECTION 803.

INTERIOR ELEVATION NOTES:

(ALL ELEVATION NOTES MAY NOT BE INDICATED ON THIS PLAN)

- FIRE EXTINGUISHER CABINET, REFER TO EQUIPMENT PLANS.
- LOCKERS, REFER TO EQUIPMENT PLANS.
- NEW WALL BASE
- STORE FRONT DOOR / WINDOW.
- EXISTING BRICK WALL
- NEW DROP CEILING, SEE DETAILS.
- WALL CABINET HEATER, PAINT TO MATCH WALL PAINT COLOR.
- SHARP CLEAN PAINT LINE
- LINE OF BULKHEAD
- EXISTING TO REMAIN.

AD-3

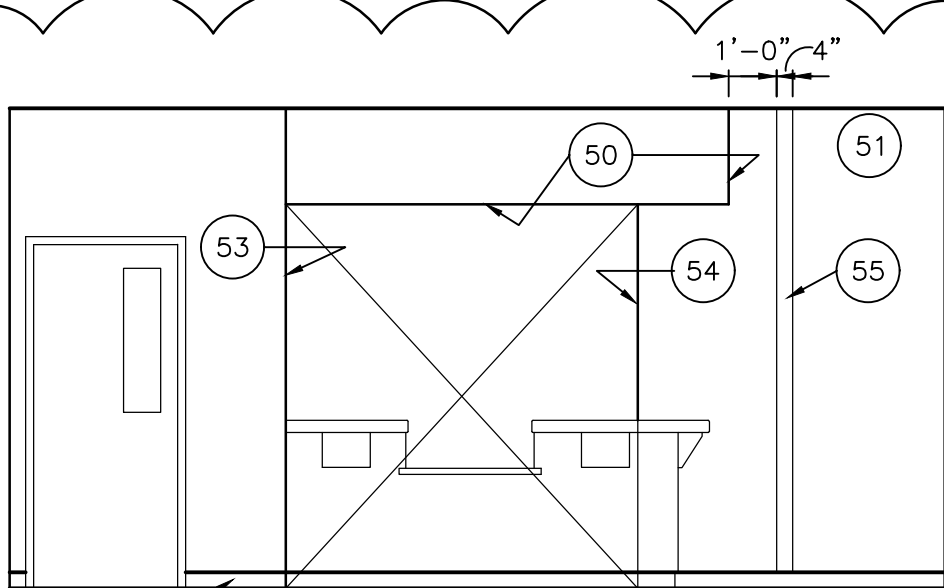
INTERIOR ELEVATION FINISH NOTES:

(ALL ELEVATION NOTES MAY NOT BE INDICATED ON THIS PLAN)

- PAINT, P1
- PAINT, P3
- PAINT, P4
- NOT USED
- PAINT, P6
- PAINT, P7
- WALLCOATING, W1
- WALLCOATING, W3
- WALLCOATING, W4
- WALLCOATING, W7
- SCHLUTER TRIM, OUTSIDE CORNER
- WALL TILE, WT1
- WALL TILE, WT2
- WALL TILE, WT3
- WALL TILE, WT4
- RESINOUS EPOXY BASE, RB

AD-3

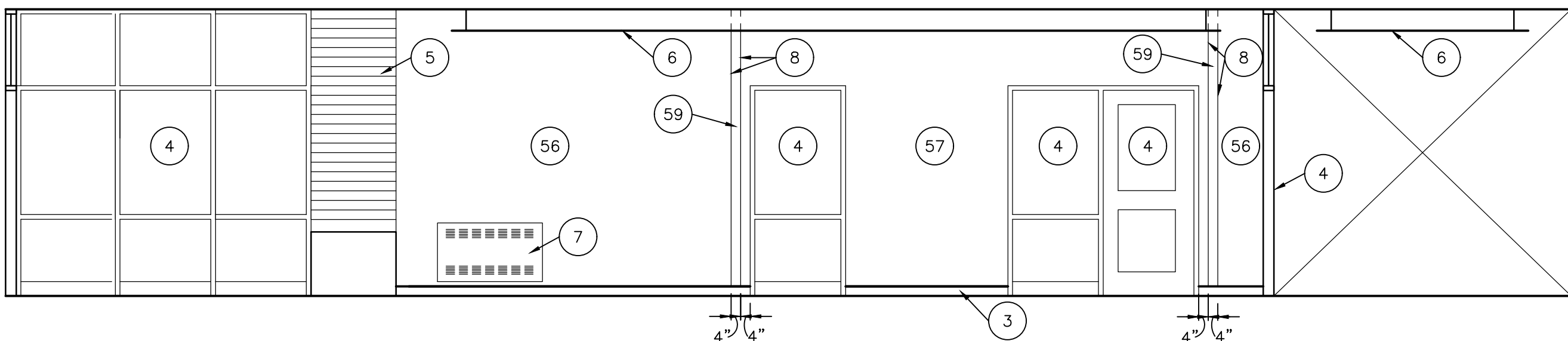
AD-2



WAITING ROOM - SOUTH ELEVATION

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

4
A-860



GENERAL REFLECTED CEILING PLAN NOTES:

- A. FOR GENERAL PROJECT NOTES, MATERIAL INDICATIONS, LEGEND, SYMBOL, LEGEND, ABBREVIATIONS, ETC., REFER TO G SERIES SHEETS.
- B. THE ARCHITECTURAL REFLECTED CEILING PLAN GOVERN THE LAYOUT OF ALL CEILING ELEMENTS AND PENETRATIONS.
- C. BULKHEAD FRAMING SHALL BE ATTACHED TO STRUCTURAL SUPPORT FRAMING AND NOT THE ROOF DECK.
- D. REFER TO FLOOR PLANS FOR WALL TYPES.
- E. CEILING ACCESS PANELS INDICATED ARE NOT INTENDED TO LIMIT NUMBER OF PANELS REQUIRED. PANEL QUANTITY SHALL BE SUFFICIENT TO PROVIDE REQUIRED ACCESS WHERE NOT INDICATED ON THE DRAWINGS. VERIFY LOCATION WITH ARCHITECT PRIOR TO INSTALLING PANEL. PAINT PANEL TO MATCH ADJACENT BULKHEAD.
- F. REFER TO ELECTRICAL DRAWINGS FOR ADDITIONAL CEILING MOUNTED ELECTRICAL ITEMS.
- G. REFER TO TECHNOLOGY DRAWINGS FOR ADDITIONAL CEILING MOUNTED TECHNOLOGY ITEMS.
- H. REFER TO MECHANICAL DRAWINGS FOR LOCATION OF CEILING DIFFUSERS, RETURN AIR GRILLS, AND CEILING CABINET HEATERS.
- I. WHERE APPLICABLE COORDINATE SPRINKLER HEAD LOCATIONS WITH FIRE PROTECTION INSTALLER AND FIRE PROTECTION DRAWINGS TO BE SUBMITTED AT A LATTER DATE. FIRE PROTECTION DRAWINGS WILL INDICATE SPRINKLER HEAD TYPES AND QUANTITIES.

REFLECTED CEILING PLAN LEGEND:

(ALL SYMBOLS MAY NOT BE INDICATED IN THIS PROJECT.)

- GYPSON CEILING OR BULKHEAD, REFER TO TYPICAL BULKHEAD DETAILS (1/A-901) AND WALL SECTIONS
- EIPS SOFFIT (EXTERIOR) ON 5/8" GYPSON SHEATHING AND METAL FRAMING/SUSPENSION SYSTEM, REFER TO WALL SECTIONS FOR INSULATION THICKNESS
- ACT 1 7'-0" x 2'-0" ACOUSTICAL BOARD CEILING SEE PLANS AND FINISH LEGEND FOR TYPE
- ACT 2 2'-0" x 2'-0" ACOUSTICAL BOARD CEILING SEE PLANS AND FINISH LEGEND FOR TYPE
- DOWN LIGHT
- EXIT LIGHT
- 1x4 LIGHT FIXTURE
- 2x4 LIGHT FIXTURE
- PENDANT LIGHT FIXTURE
- PENDANT LIGHT FIXTURE
- LINEAR LIGHT FIXTURE
- WALL SCONCE LIGHT FIXTURE
- SUPPLY AIR DIFFUSER
- LINEAR SUPPLY AIR DIFFUSER
- RETURN, EXHAUST, AND TRANSFER AIR GRILLE
- CEILING SPEAKER
- OCCUPANCY SENSOR

REFLECTED CEILING PLAN NOTES:

(ALL PLAN NOTES MAY NOT BE INDICATED ON THIS SHEET.)

- 1 EXISTING CEILING SYSTEM TO REMAIN, UNLESS NOTED OTHERWISE FOR MECHANICAL ELECTRICAL PLUMBING AND FIRE PROTECTION.
- 2 MODIFY EXISTING GRID AND ACOUSTICAL CEILING PADS AS REQUIRED FOR REMOVAL OF EXISTING WALL AND INSTALLATION OF NEW WALL.
- 3 PAINT EXISTING CEILING GRID TO REMAIN AND INSTALL NEW CEILING PADS TO MATCH ACT-1.
- 4 MODIFY EXISTING GRID AND ACOUSTICAL CEILING PADS AS REQUIRED FOR INSTALLATION OF NEW BULKHEAD.
- 5 TIE-IN AND EXTEND EXISTING CEILING GRID.
- 6 NEW GYPSON BOARD BULKHEAD.
- 7 EXISTING BULKHEAD TO REMAIN.
- 8 OPEN TO STRUCTURE ABOVE, NO CEILING REQUIRED.
- 9 REMOVE, STORE, AND REINSTALL EXISTING CEILING GRID AND ACOUSTICAL CEILING PANELS AS REQUIRED FOR MECHANICAL, ELECTRICAL, AND PLUMBING WORK. REPLACE ANY GRID AND PANELS DAMAGED IN THE PROCESS WITH MATCHING GRID AND PANELS. DOCUMENT EXISTING DAMAGE AND REVIEW WITH ARCHITECT PRIOR TO START OF WORK.
- 10 PROJECTION SCREEN, REFER TO EQUIPMENT PLANS AND TECHNOLOGY DRAWINGS.
- 11 FACE OF PRE-MANUFACTURED CANOPY ABOVE.
- 12 ALTERNATE: 3" WIDE LINEAR SOFFIT VENT. LENGTH AS INDICATED.
- 13 ALTERNATE: SOFFIT "V" JOINT.
- 14 METAL EDGE TRIM.
- 15 REMOVE EXISTING CEILING PADS AS REQUIRED TO INSTALL NEW "CLOUD" CEILING.
- 16 FACE OF ALTERNATE CANOPY ABOVE, REFER TO A-420 FOR DETAILS.
- 17 EXISTING EXHAUST HOOD TO REMAIN.
- 18 COORDINATE WITH KITCHEN EQUIPMENT INSTALLER AND OMIT CEILING OVER COOLERS IF TOTAL HEIGHT OF COOLER EXCEEDS 9'-4". PROVIDE CLOSURE PANELS FROM TOP OF COOLERS TO ABOVE CEILING IF CEILING IS OMITTED.
- 19 EXISTING PLASTER CEILING TO REMAIN.
- 20 ALTERNATE: NEW PLASTER SOFFIT. REFER TO A-420 FOR DETAILS.
- 21 CAREFULLY REMOVE, STORE, AND REINSTALL EXISTING LIGHT FIXTURES INTO THIS NEW CEILING.
- 22 REPLACE LIGHT FIXTURES IN THIS CEILING.

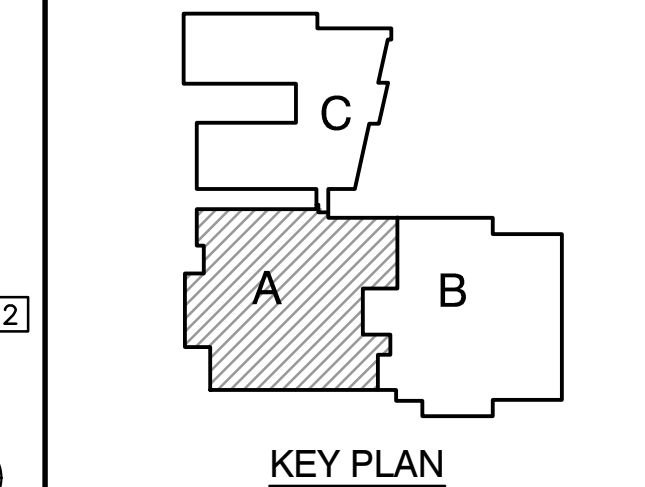
GENERAL REFLECTED CEILING PLAN FINISH NOTES:

(ALL PLAN NOTES MAY NOT BE INDICATED ON THIS SHEET.)

- A. UNLESS NOTED OTHERWISE, GYPSON BOARD BULKHEADS ARE TO BE PAINTED SHERWIN WILLIAMS SW7007 OR APPROVED EQUAL.

PROJECT
LIBERTY
ELEMENTARY
SCHOOL -
RENOVATIONS

DUNELAND SCHOOL CORPORATION
CHESTERTON, INDIANA



KEY PLAN

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Phone: 317.580.5777 Fax: 317.580.5778

PROJECT
21-137
DATE
10/17/22
COORDINATED BY
JMG
DRAWN BY
JMG, CJA
CHECKED BY
DJW

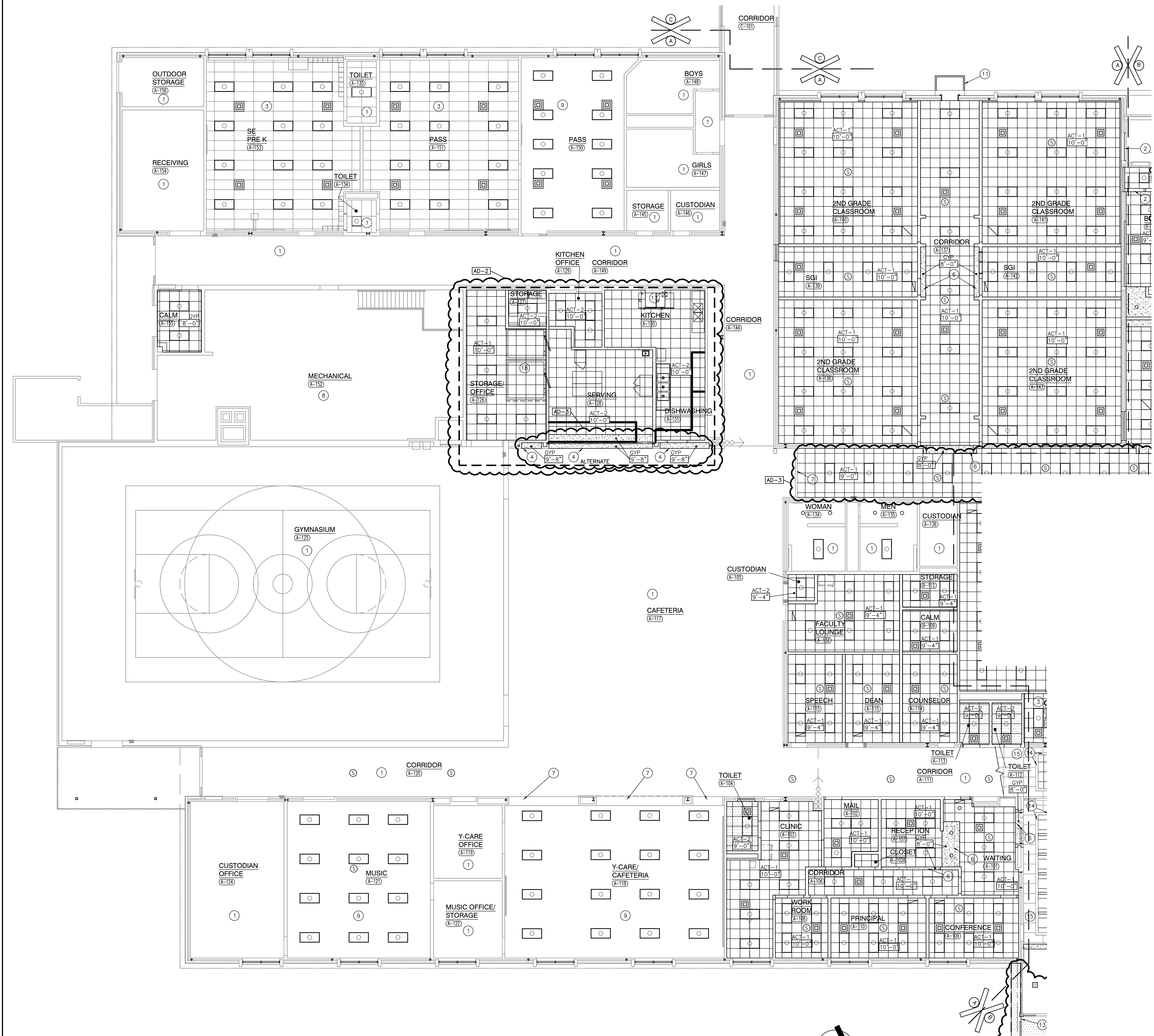
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REVISIONS	MARK	DATE	ISSUED FOR
AD-2	11/02/22	ADDENDUM NO. 2	
AD-3	11/09/22	ADDENDUM NO. 3	

DRAWING
UNIT "A" FIRST FLOOR
REFLECTED CEILING PLAN

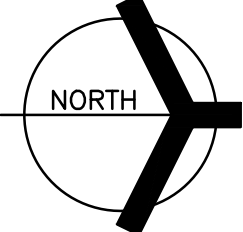
PROJECT
LIBERTY ES - RENOVATIONS

GIBRALTAR DESIGN SHEET
A-901



UNIT "A" REFLECTED CEILING PLAN

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

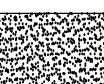

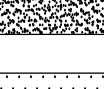

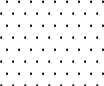














GENERAL REFLECTED CEILING PLAN NOTES:

- A. FOR GENERAL PROJECT NOTES, MATERIAL INDICATIONS LEGEND, SYMBOL, LEGEND, ABBREVIATIONS, ETC., REFER TO G SERIES SHEETS.
- B. THE CEILING ELEMENTS REFLECTED CEILING PLAN GOVERN THE LAYOUT OF ALL CEILING ELEMENTS AND PENETRATIONS.
- C. BULKHEAD FRAMING SHALL BE ATTACHED TO STRUCTURAL SUPPORT FRAMING AND NOT THE ROOM CEILING.
- D. REFER TO FLOOR PLANS FOR WALL TYPES.
- E. CEILING ACCESS PANELS INDICATED ARE NOT INTENDED TO LIMIT NUMBER OF PANELS REQUIRED. PANEL QUANTITY SHALL BE SUFFICIENT TO PROVIDE REQUIRED ACCESS WHERE NOT INDICATED ON THE DRAWINGS. VERIFY LOCATION WITH ARCHITECT PRIOR TO INSTALLING PANEL. PAINT PANEL TO MATCH ADJACENT BULKHEAD.
- F. REFER TO ELECTRICAL DRAWINGS FOR ADDITIONAL CEILING MOUNTED ELECTRICAL ITEMS.
- G. REFER TO TECHNOLOGY DRAWINGS FOR ADDITIONAL CEILING MOUNTED TECHNOLOGY ITEMS.
- H. REFER TO MECHANICAL DRAWINGS FOR LOCATION OF CEILING DIFFUSERS, RETURN AIR GRILLS, AND CEILING CABINET HEATERS.
- I. WHERE APPLICABLE COORDINATE SPRINKLER HEAD LOCATIONS WITH FIRE PROTECTION INSTALLER AND FIRE PROTECTION DRAWINGS TO BE SUBMITTED WITH THE LATEST DATE. THE PROTECTION DRAWINGS WILL INDICATE SPRINKLER HEAD TYPES AND QUANTITIES.

REFLECTED CEILING PLAN LEGEND:

(ALL SYMBOLS MAY NOT BE INDICATED IN THIS PROJECT.)

- | | | | |
|---|---|---|--|
|  | GYPSUM CEILING OR BULKHEAD, REFER TO TYPICAL BULKHEAD DETAILS (1/4-901) AND WALL SECTIONS |  | DOWN LIGHT |
|  | EIFS SOFFIT (EXTERIOR) ON 5/8" (TYPICAL) BRICKLATH AND METAL FRAMING/SUSPENSION SYSTEM, REFER TO WALL SECTIONS FOR INSULATION THICKNESS |  | EXIT LIGHT |
|  | ACT 1
2'-0" x 2'-0"
ACOUSTICAL BULKHEAD CEILING
SEE PLANS AND FINISH LEGEND FOR TYPE |  | 1x4 LIGHT FIXTURE |
|  | ACT 2
VINYL FACED CEILING
2'-0" x 2'-0"
ACOUSTICAL BULKHEAD CEILING
SEE PLANS AND FINISH LEGEND FOR TYPE |  | 2x4 LIGHT FIXTURE |
| | |  | PENDANT LIGHT FIXTURE |
| | |  | PENDANT LIGHT FIXTURE |
| | |  | LINEAR LIGHT FIXTURE |
| | |  | WALL SCONCE LIGHT FIXTURE |
| | |  | SUPPLY AIR DIFFUSER |
| | |  | LINEAR SUPPLY AIR DIFFUSER |
| | |  | RETURN, EXHAUST, AND TRANSFER AIR GRILLE |
| | |  | CEILING SPEAKER |
| | |  | OCCUPANCY SENSOR |

REFLECTED CEILING PLAN NOTES:

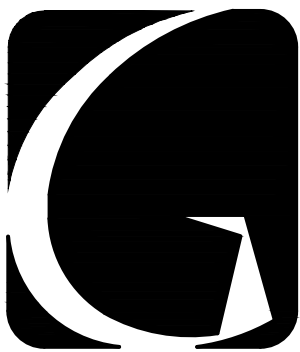
(ALL PLAN NOTES MAY NOT BE INDICATED ON THIS SHEET.)

- (1) EXISTING CEILING SYSTEM TO REMAIN, UNLESS NOTED OTHERWISE FOR MECHANICAL ELECTRICAL PLUMBING AND FIRE PROTECTION.
- (2) MODIFY EXISTING GRID AND ACOUSTICAL CEILING PADS AS REQUIRED TO REMOVE EXISTING WALL AND INSTALLATION OF NEW WALL.
- (3) PAINT EXISTING CEILING GRID TO REMAIN AND INSTALL NEW CEILING PADS TO MATCH ACT-1. AD-1
- (4) MODIFY EXISTING GRID AND ACOUSTICAL CEILING PADS AS REQUIRED FOR INSTALLATION OF NEW CEILING. (A-310)
- (5) TIE-IN AND EXTEND EXISTING CEILING GRID.
- (6) NEW GYPSUM BOARD BULKHEAD.
- (7) EXISTING BULKHEAD TO REMAIN.
- (8) OPEN TO STRUCTURE ABOVE, NO CEILING REQUIRED.
- (9) REMOVE, STORE, AND REINSTALL EXISTING CEILING GRID AND ACOUSTICAL CEILING PANELS AS REQUIRED FOR MECHANICAL, ELECTRICAL, AND PLUMBING WORK. REPLACE ANY GRID AND PANELS DAMAGED IN THE PROCESS WITH MATCHING GRID AND PANELS. DOCUMENT EXISTING DAMAGE AND REVIEW WITH ARCHITECT PRIOR TO START OF WORK.
- (10) PROJECTION SCREEN, REFER TO EQUIPMENT PLANS AND TECHNOLOGY DRAWINGS.
- (11) FACE OF PRE-MANUFACTURED CANOPY ABOVE. AD-2
- (12) ALTERNATE: 3" WIDE LINEAR SOFFIT VENT. LENGTH AS INDICATED.
- (13) ALTERNATE: SOFFIT "V" JOINT.
- (14) METAL EDGE TRIM. (A-310)
- (15) REMOVE EXISTING CEILING PADS AS REQUIRED TO INSTALL NEW "CLOUD" CEILING.
- (16) FACE OF ALTERNATE CANOPY ABOVE, REFER TO A-420 FOR DETAILS.
- (17) EXISTING EXHAUST HOOD TO REMAIN.
- (18) COORDINATE WITH KITCHEN EQUIPMENT INSTALLER AND OMIT CEILING OVER COOLERS IF TOTAL HEIGHT OF COOLER EXCEEDS 9'-4". PROVIDE CLOSURE PANELS FROM TOP OF COOLERS TO ABOVE CEILING IF CEILING IS OMITTED.
- (19) EXISTING PLASTER CEILING TO REMAIN.
- (20) ALTERNATE: NEW PLASTER SOFFIT. REFER TO A-420 FOR DETAILS. AD-3
- (21) CAREFULLY REMOVE, STORE, AND REINSTALL EXISTING LIGHT FIXTURES INTO THIS NEW CEILING.
- (22) REPLACE LIGHT FIXTURES IN THIS CEILING.

GENERAL REFLECTED CEILING PLAN
FINISH NOTES:

(ALL PLAN NOTES MAY NOT BE INDICATED ON THIS SHEET.

- A. UNLESS NOTED OTHERWISE, GYPSUM BOARD BULKHEADS ARE TO BE PAINTED SHERWIN WILLIAMS SW7007 OR APPROVED EQUAL.

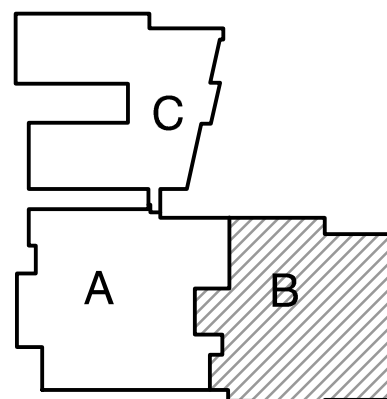


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PROJECT

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ELEMENTARY
SCHOOL -
RENOVATIONS

DUNELAND SCHOOL CORPORATION
CHESTERTON, INDIANA



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Phone 317.580.5777 Fax 317.580.5778

PROJECT

21-137

DATE _____

10/17/23

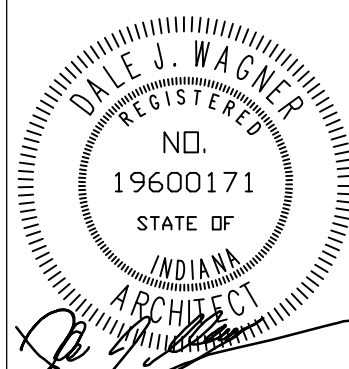
COORDINATED
INFO

JMG

DRAWN BY
IMC CIA

ONTO, 607

CHECKED BY
D.J.W.



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REVISIONS

MARK	DATE	ISSUED FOR
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AD-2	11/02/22	ADDENDUM NO. 2
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AD-3	11/09/22	ADDENDUM NO. 3
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DRAWING

UNIT "B" FIRST FLOOR
REFLECTED CEILING PLAN

PROJECT

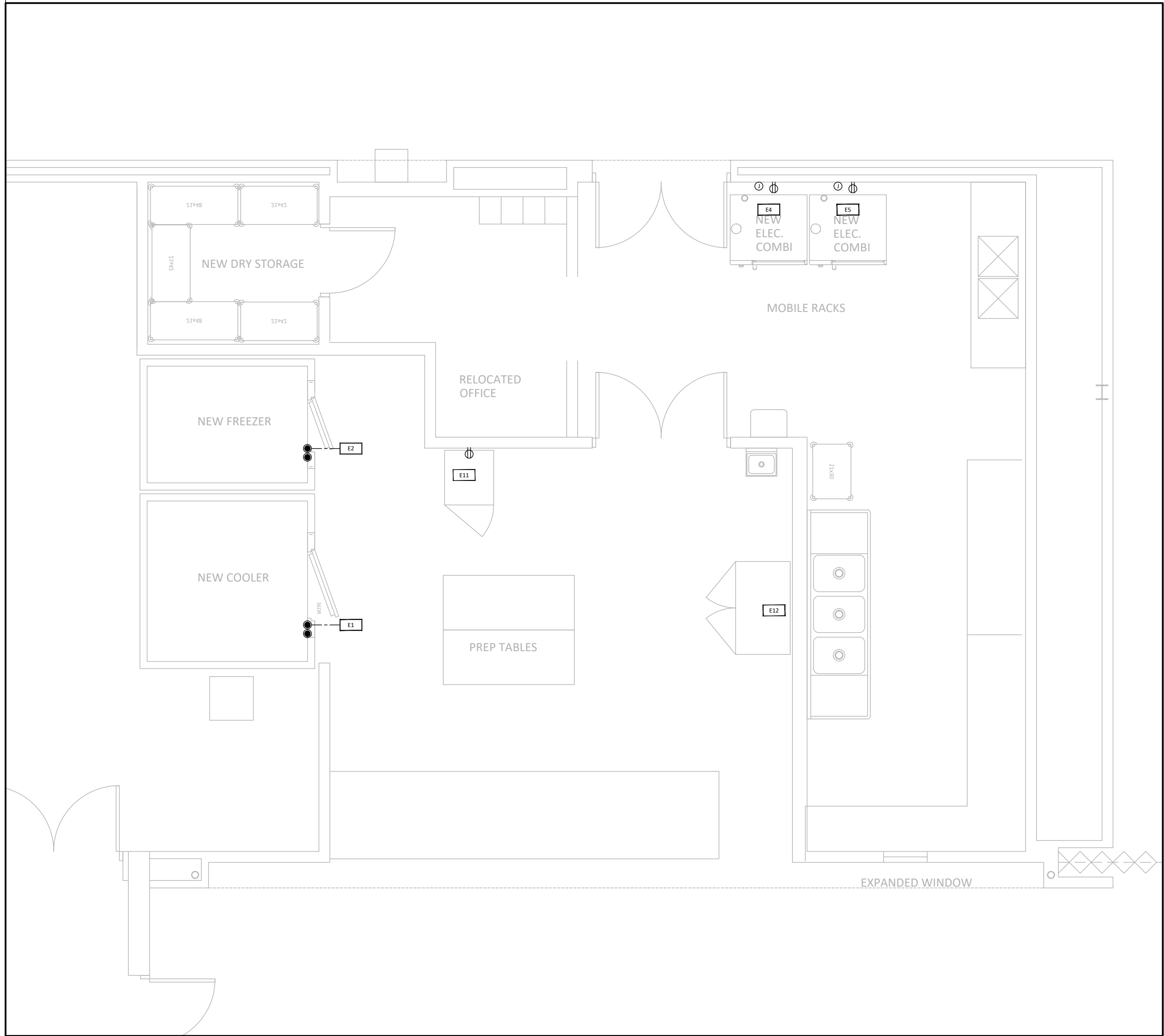
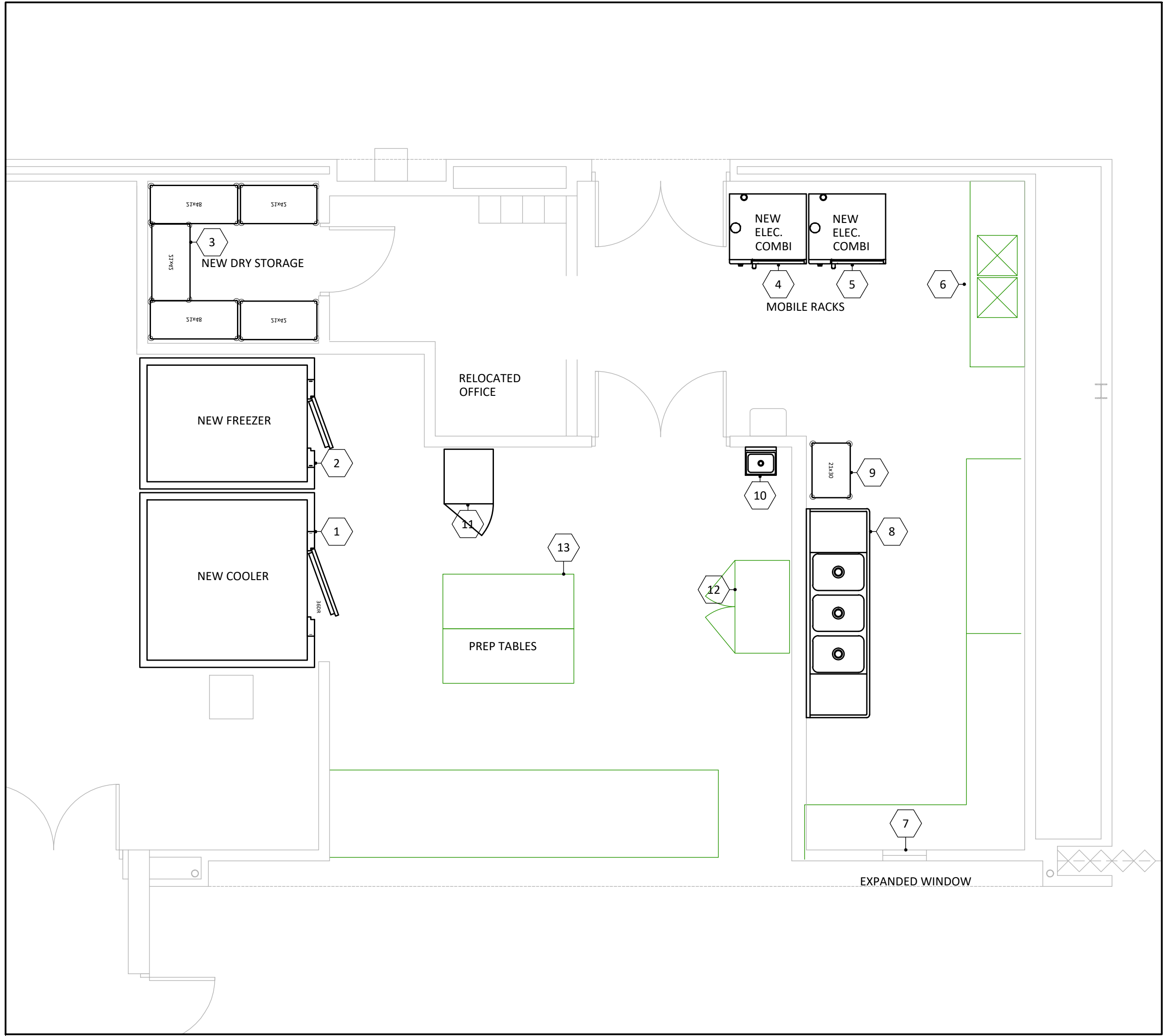
LIBERTY ES - RENOVATIONS

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SHEET

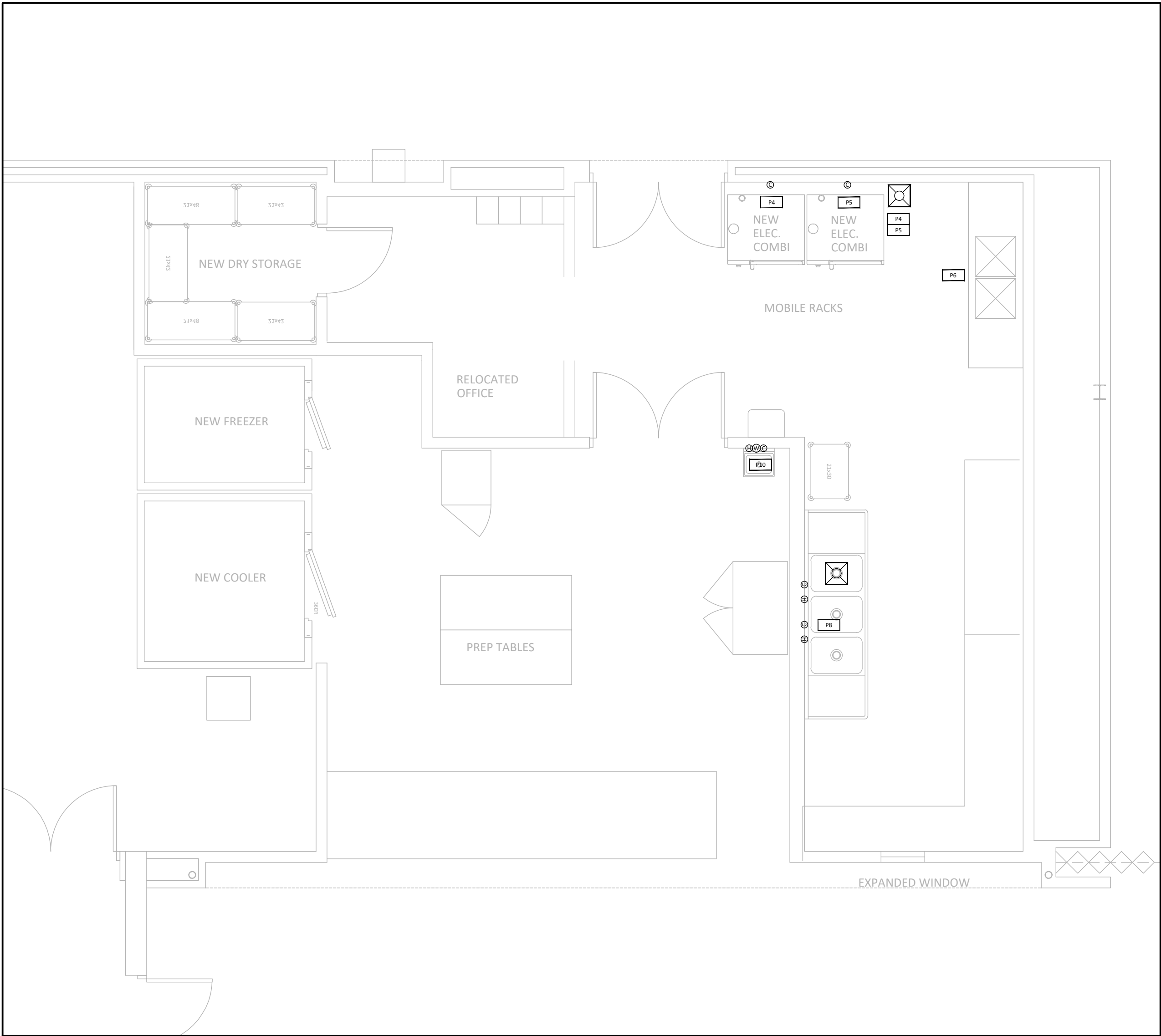
A-902

Wednesday, 11/9/2022 - 8:49 AM - LAST SAVED BY: JONATHAN NIKEL
G:\SHARED DRIVES\RDG PROJECT DATA\RDG PROJECT
FOLDER (2022)\2022-056-GIBALTAR-DUNELAND LIBERTY
ES\3- DRAWINGS\K- CAD\17-2022-056-PLAN\WG



FOODSERVICE EQUIPMENT PLAN

EQUIPMENT				MECHANICAL										ELECTRICAL									
ITEM NUMBER	QUANTITY	DESCRIPTION (NIKEC= NOT IN KITCHEN EQUIPMENT CONTRACT)	SOURCE	HOT	COLD	AFF	GAS			WASTE	AFF	REMARKS	VOLTAGE	KW	AMPS	HP	PHASE	CONN.	AFF	REMARKS			
							CONN. SIZE	M BTU	AFF														
1	1	WALK-IN COOLER	NOR-LAKE KL7788-C										120/208		15.0/15.0		1 D	DFA		FOR LIGHTS AND DOOR FRAME HEATER FOR CONDENSING UNIT AND COIL			
2	1	WALK-IN FREEZER	NOR-LAKE KL7768-F										120/208		15.0/15.0		1 D	DFA		FOR LIGHTS AND DOOR FRAME HEATER FOR CONDENSING UNIT AND COIL			
3	5	DRY STORAGE MOBILE SHELVING UNIT	INTERMETRO SUPER ERECTA																	REFER TO COOLER/FREEZER DWG. K400			
4	1	VENTLESS COMBI OVEN SIX PAN FULL (ELECTRIC)	RATIONAL ICC-6 FULL E		0.75	48				2.0	FS	EXTEND SERVICE TO FILTER FOR STEAM EXTEND DRAIN TO FLOOR SINK	208/120		62.2/15.0		3 D	1 P	54	36	70 AMP DEDICATED CIRCUIT REQUIRED NEMA 5-15P FOR HOOD		
5	1	VENTLESS COMBI OVEN SIX PAN FULL (ELECTRIC)	RATIONAL ICC-6 FULL E		0.75	48				2.0	FS	EXTEND SERVICE TO FILTER FOR STEAM EXTEND DRAIN TO FLOOR SINK	208/120		62.2/15.0		3 D	1 P	54	36	70 AMP DEDICATED CIRCUIT REQUIRED NEMA 5-15P FOR HOOD		
6	1	PREP TABLE WITH TWO SINKS	EXISTING RELOCATED									REVIEW REUSE OF EXISTING PLUMBING CONNECTIONS											
7	1	EXPANDED DISH DROP WINDOW	CUSTOM FABRICATED																				
8	1	THREE COMP SINK WITH FAUCETS	ADV. TABCO 93-83-60-24RL	0.50	0.50	18				1.50	FS	EXTEND DRAINS TO FLOOR SINK											
9	1	DISH SHELVING	INTERMETRO SUPER ERECTA PRO																				
10	1	HAND SINK WITH FAUCET	JOHN BOOS HAND SINK	0.50	0.50	18				1.50	FS	EXTEND DRAINS TO FLOOR SINK											
11	1	ROLL IN HEATED CABINET	TRUE STA1HRI-1S										120/208		15.0		1 D		86	NEMA 14-20P			
12	1	TWO DOOR REACH IN REFRIGERATOR	EXISTING RELOCATED																				
13	2	PREP TABLES	EXISTING RELOCATED																				



SCALE
1/4" = 1'-0"

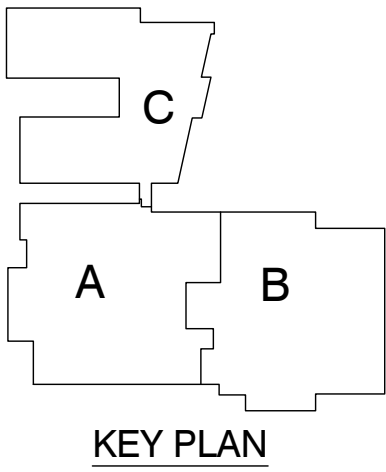
A



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PROJECT
21-137
DATE
10/17/22
COORDINATED BY
RDG
DRAWN BY
JJN
CHECKED BY
RDG

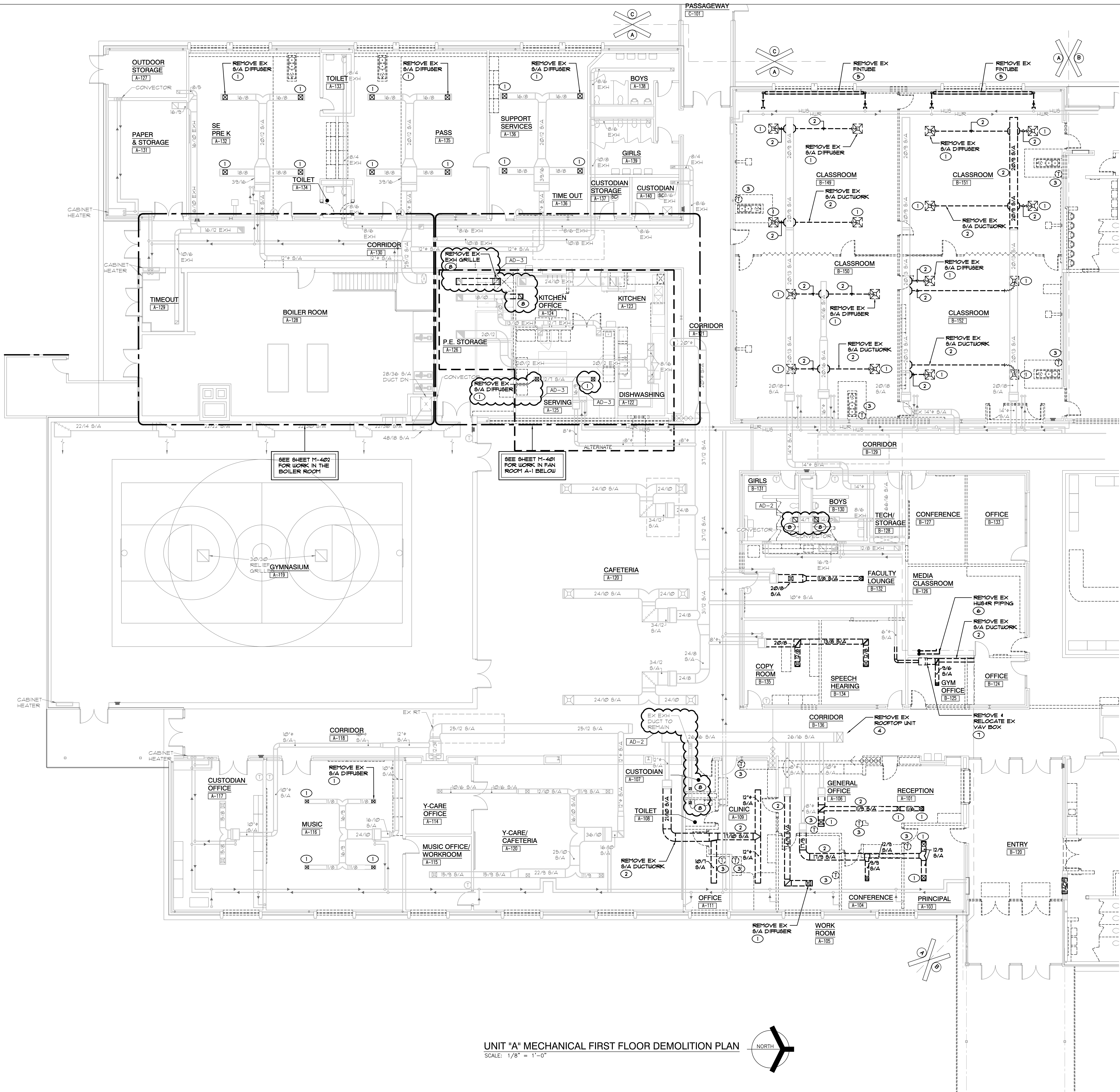
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REVISIONS	MARK	DATE	ISSUED FOR
AD02	11/2/22	ADDENDUM #2	
AD03	11/9/22	ADDENDUM #3	

DRAWING
**FOODSERVICE EQUIPMENT
PLAN AND SCHEDULE**

PROJECT
LIBERTY ES - RENOVATIONS

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K-100



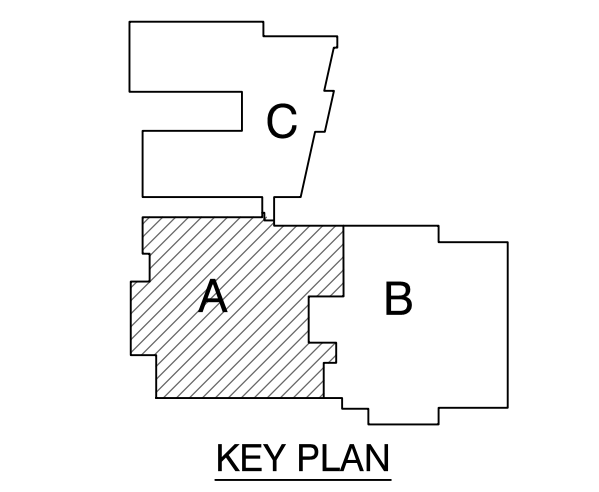
- ### SHEET NOTES
1. REMOVE EXISTING SUPPLY AIR DIFFUSER AND ASSOCIATED SUPPLY AIR DUCTWORK COMPLETE AS REQUIRED.
 2. REMOVE EXISTING SUPPLY AIR DUCTWORK COMPLETE AS REQUIRED.
 3. REMOVE AND RELOCATE EXISTING THERMOSTAT TO NEW LOCATION COMPLETE AS REQUIRED. MODIFY EXISTING CONTROL WIRING FOR NEW LOCATION COMPLETE AS REQUIRED.
 4. REMOVE EXISTING HVAC ROOFTOP UNIT AND ASSOCIATED SUPPLY AND RETURN AIR DUCTWORK, THERMOSTAT, CONTROL WIRING, ELECTRICAL CONNECTIONS, ETC. COMPLETE AS REQUIRED. EXISTING ROOF CURB TO REMAIN FOR NEW UNIT INSTALLATION.
 5. REMOVE EXISTING FIN TUBE AND ASSOCIATED HOT WATER PIPING, THERMOSTATS, CONTROLS, ENCLOSURES, ETC. COMPLETE AS REQUIRED.
 6. REMOVE EXISTING HOT WATER SUPPLY 1 RETURN PIPING AND ASSOCIATED VALVES, ETC. COMPLETE AS REQUIRED.
 7. REMOVE AND RELOCATE EXISTING VAV BOX. DISCONNECT ASSOCIATED EXISTING SUPPLY AIR DUCTWORK, CONTROL WIRING, ETC. COMPLETE AS REQUIRED.
 8. REMOVE EXISTING EXHAUST GRILLE AND ASSOCIATED EXHAUST DUCTWORK COMPLETE AS REQUIRED.

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ENGINEERING GROUP
1991 924-8400
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DUNELAND SCHOOL CORPORATION
CHESTERTON, INDIANA



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Indianapolis, IN 46260
Homepage: www.GibraltarDesign.com
Email: info@GibraltarDesign.com
Phone: 317.580.5777 Fax: 317.580.5778

PROJECT
21-137
DATE
10/17/22
COORDINATED BY
JC
DRAWN BY
GL
CHECKED BY
DJ

DAVID G. JANNEY
REGISTERED
NO. 10302590
STATE OF INDIANA
Professional Engineer

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REVISIONS

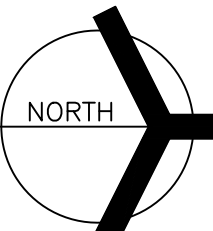
MARK	DATE	ISSUED FOR
AD-2	11/02/22	ADDENDUM NO. 2
AD-3	11/09/22	ADDENDUM NO. 3

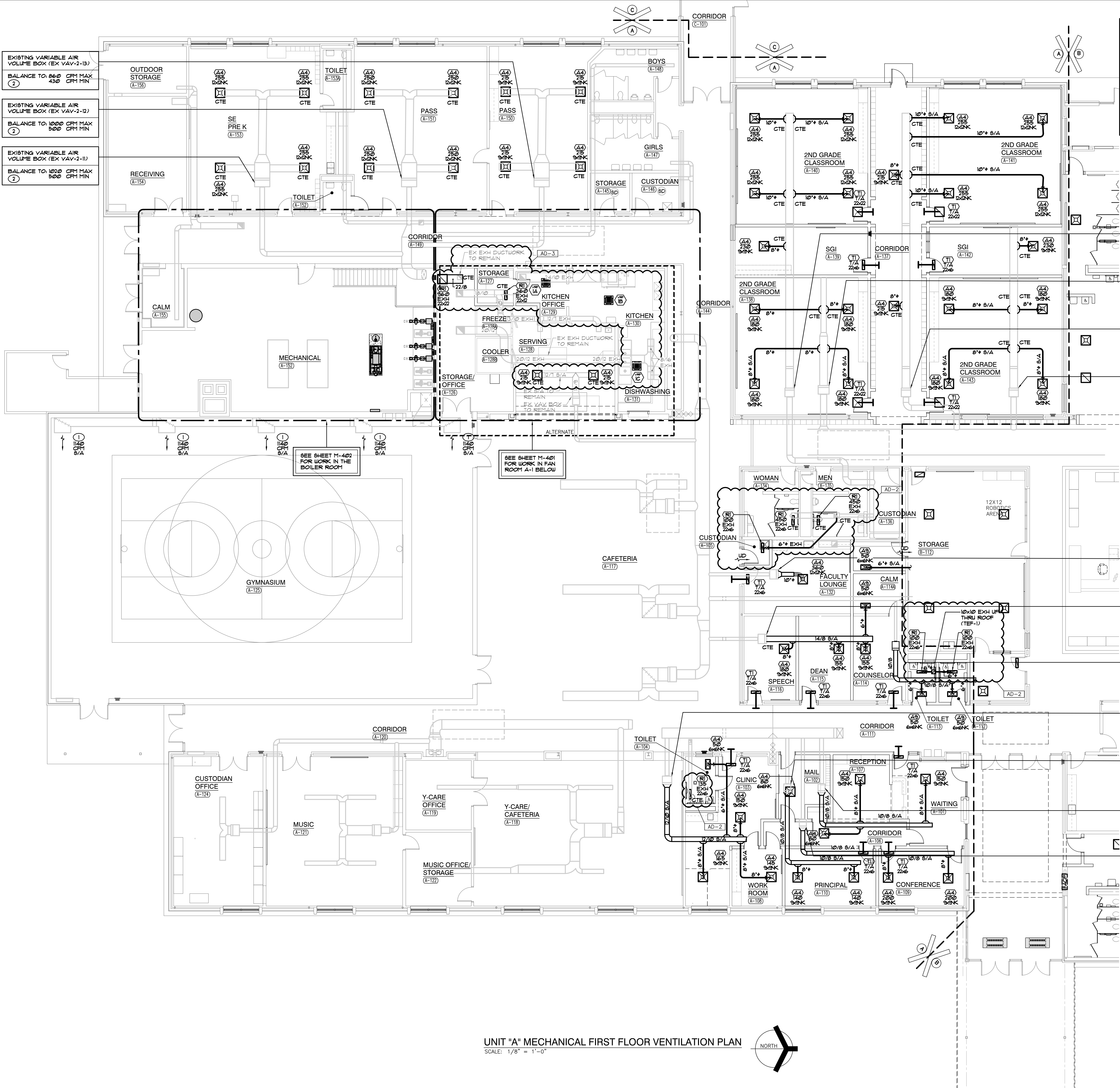
DRAWING
UNIT 'A' MECHANICAL FIRST FLOOR DEMOLITION PLAN

PROJECT
LIBERTY ES - RENOVATIONS

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A MD101

UNIT "A" MECHANICAL FIRST FLOOR DEMOLITION PLAN
SCALE: 1/8" = 1'-0"





- SHEET NOTES**
- EXISTING SUPPLY AIR DIFFUSER TO REMAIN. INSPECT AND CLEAN EXISTING DIFFUSER COMPLETE AS REQUIRED. BALANCE EXISTING SUPPLY AIR DIFFUSER TO AIRFLOW QUANTITY INDICATED ON PLAN.
 - EXISTING VAV BOX TO BE REUSED. CLEAN, CHECK, AND CALIBRATE UNIT FOR PROPER OPERATION. TEST AND BALANCE VAV BOX TO MAXIMUM AND MINIMUM CFM INDICATED ON PLAN.
 - NEW LOCATION OF EXISTING VAV BOX TO BE REUSED. CLEAN, CHECK, AND CALIBRATE UNIT FOR PROPER OPERATION. TEST AND BALANCE VAV BOX TO MAXIMUM AND MINIMUM CFM INDICATED ON PLAN.

- EXISTING VARIABLE AIR VOLUME BOX (EX VAV-4-20)
BALANCE TO: 750 CFM MAX
430 CFM MIN
- EXISTING VARIABLE AIR VOLUME BOX (EX VAV-4-20A)
BALANCE TO: 720 CFM MAX
450 CFM MIN
- EXISTING VARIABLE AIR VOLUME BOX (EX VAV-4-21)
BALANCE TO: 1450 CFM MAX
520 CFM MIN
- EXISTING VARIABLE AIR VOLUME BOX (EX VAV-4-22)
BALANCE TO: 950 CFM MAX
630 CFM MIN

- EXISTING VARIABLE AIR VOLUME BOX (EX VAV-3-8)
BALANCE TO: 360 CFM MAX
120 CFM MIN
- EXISTING VARIABLE AIR VOLUME BOX (EX VAV-3-19)
BALANCE TO: 540 CFM MAX
150 CFM MIN

- EXISTING VARIABLE AIR VOLUME BOX (EX VAV-3-16)
BALANCE TO: 205 CFM MAX
35 CFM MIN

- EXISTING VARIABLE AIR VOLUME BOX (EX VAV-R-4)
BALANCE TO: 510 CFM MAX
120 CFM MIN

- EXISTING VARIABLE AIR VOLUME BOX (EX VAV-R-3)
BALANCE TO: 280 CFM MAX
40 CFM MIN

- EXISTING VARIABLE AIR VOLUME BOX (EX VAV-R-1)
BALANCE TO: 460 CFM MAX
105 CFM MIN

- EXISTING VARIABLE AIR VOLUME BOX (EX VAV-R-2)
BALANCE TO: 400 CFM MAX
100 CFM MIN

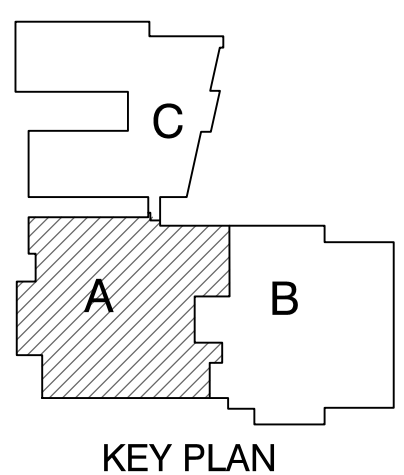


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PROJECT
**LIBERTY
ELEMENTARY
SCHOOL -
RENOVATIONS**

DUNELAND SCHOOL CORPORATION
CHESTERTON, INDIANA



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21-137
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10/17/22
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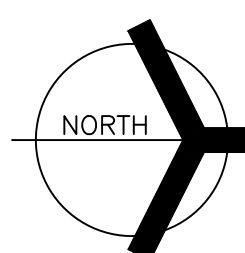
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AD-2	11/02/22	ADDENDUM NO. 2	
AD-3	11/09/22	ADDENDUM NO. 3	

DRAWING
**UNIT 'A' MECHANICAL
FIRST FLOOR
VENTILATION PLAN**

PROJECT
LIBERTY ES - RENOVATIONS

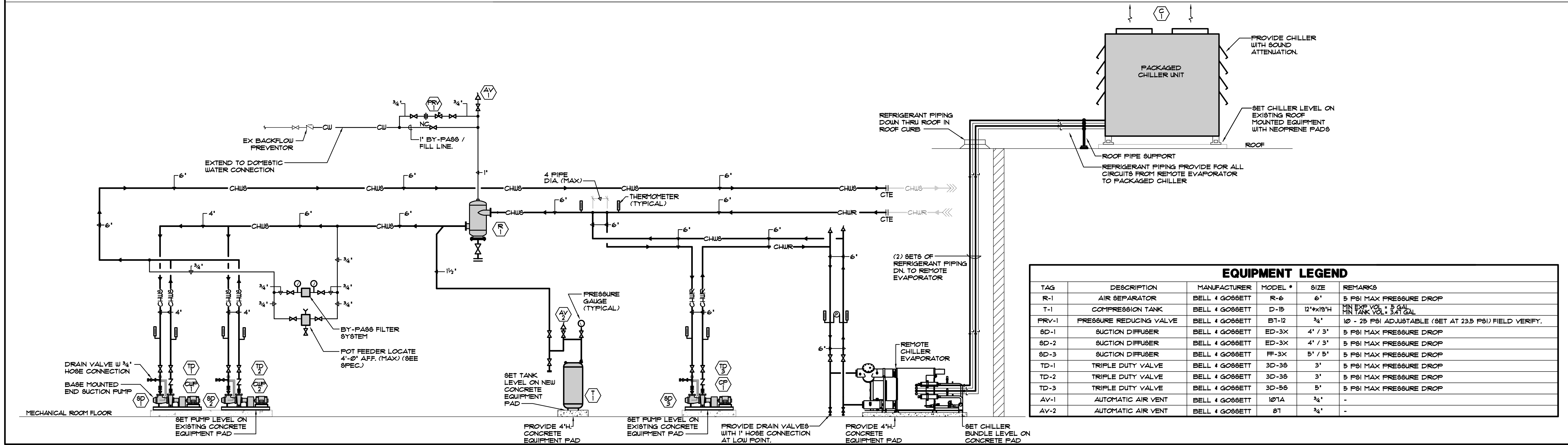
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UNIT "A" MECHANICAL FIRST FLOOR VENTILATION PLAN
SCALE: 1/8" = 1'-0"



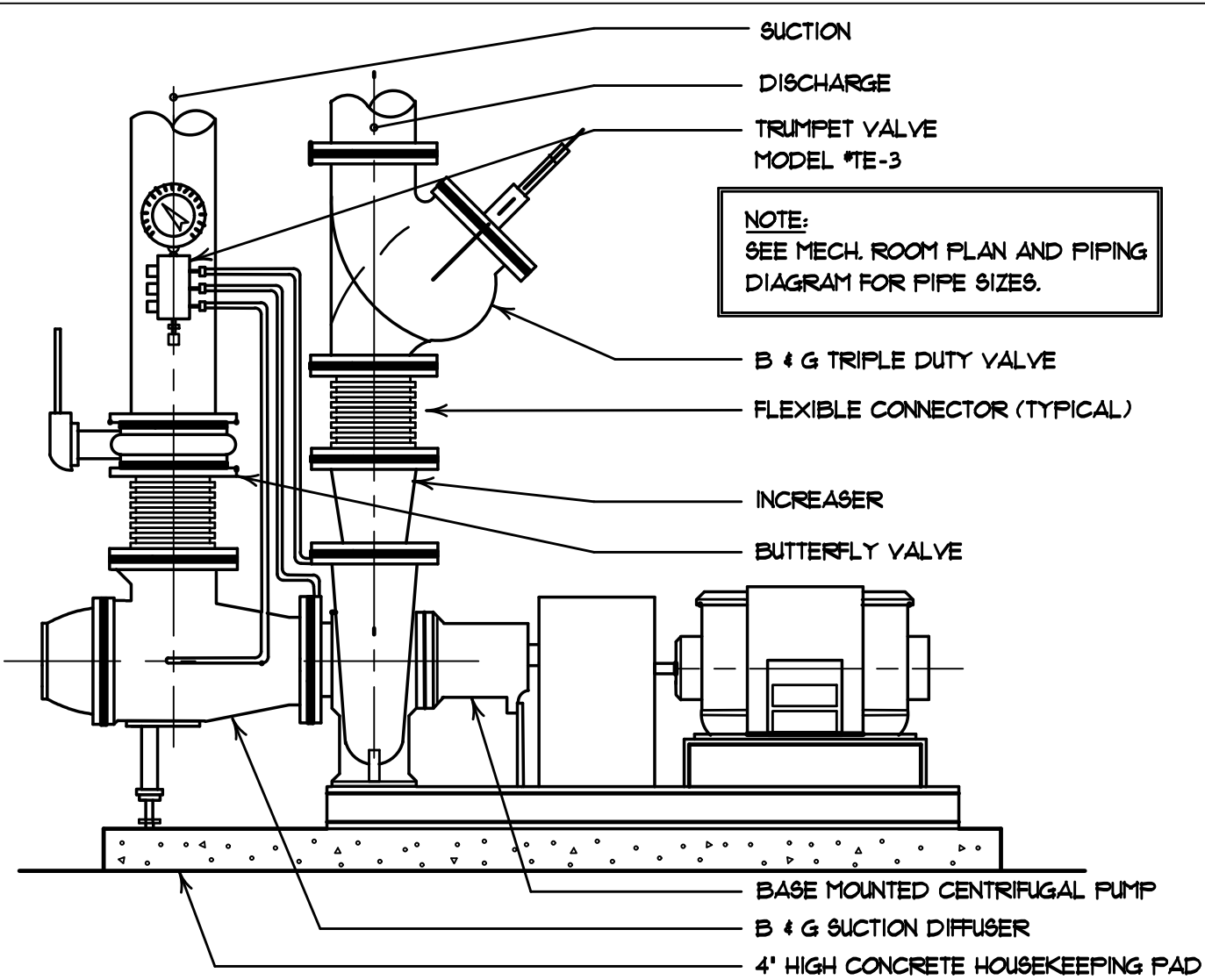
CHILLED WATER SYSTEM PIPING DIAGRAM

SCHEMATIC ONLY



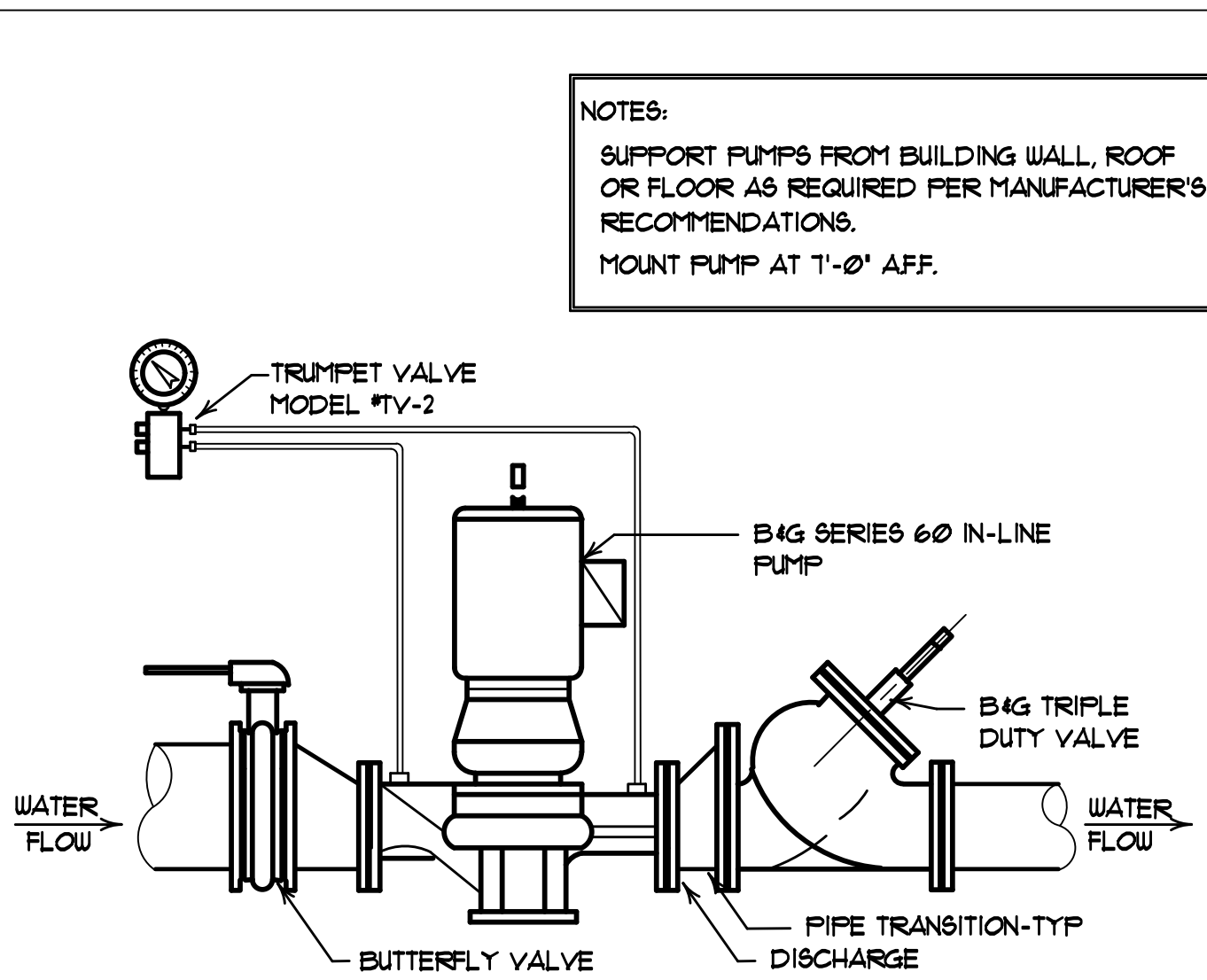
BASE MOUNTED PUMP DETAIL

(NTS)



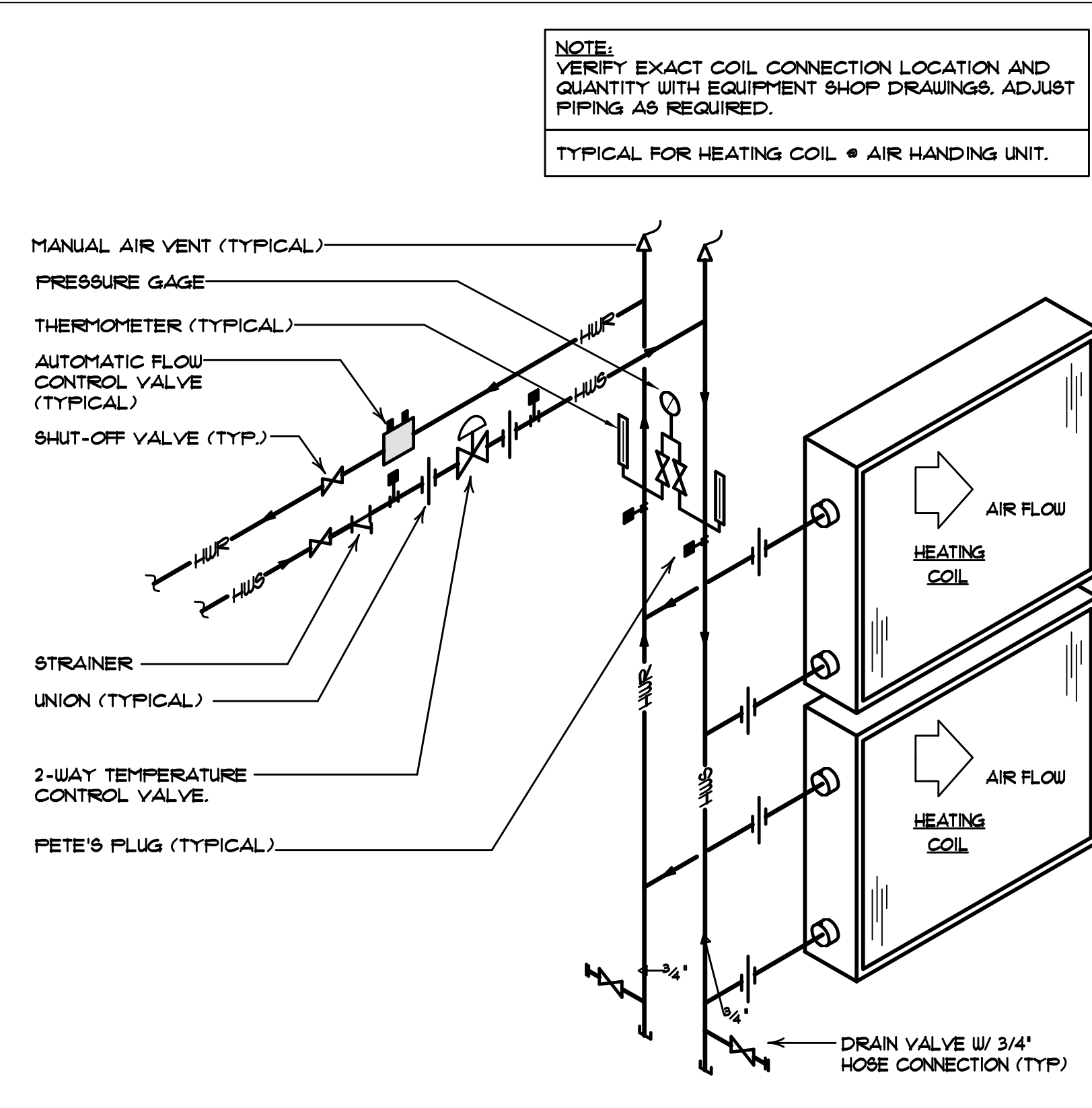
IN-LINE PUMP DETAIL

(NTS)



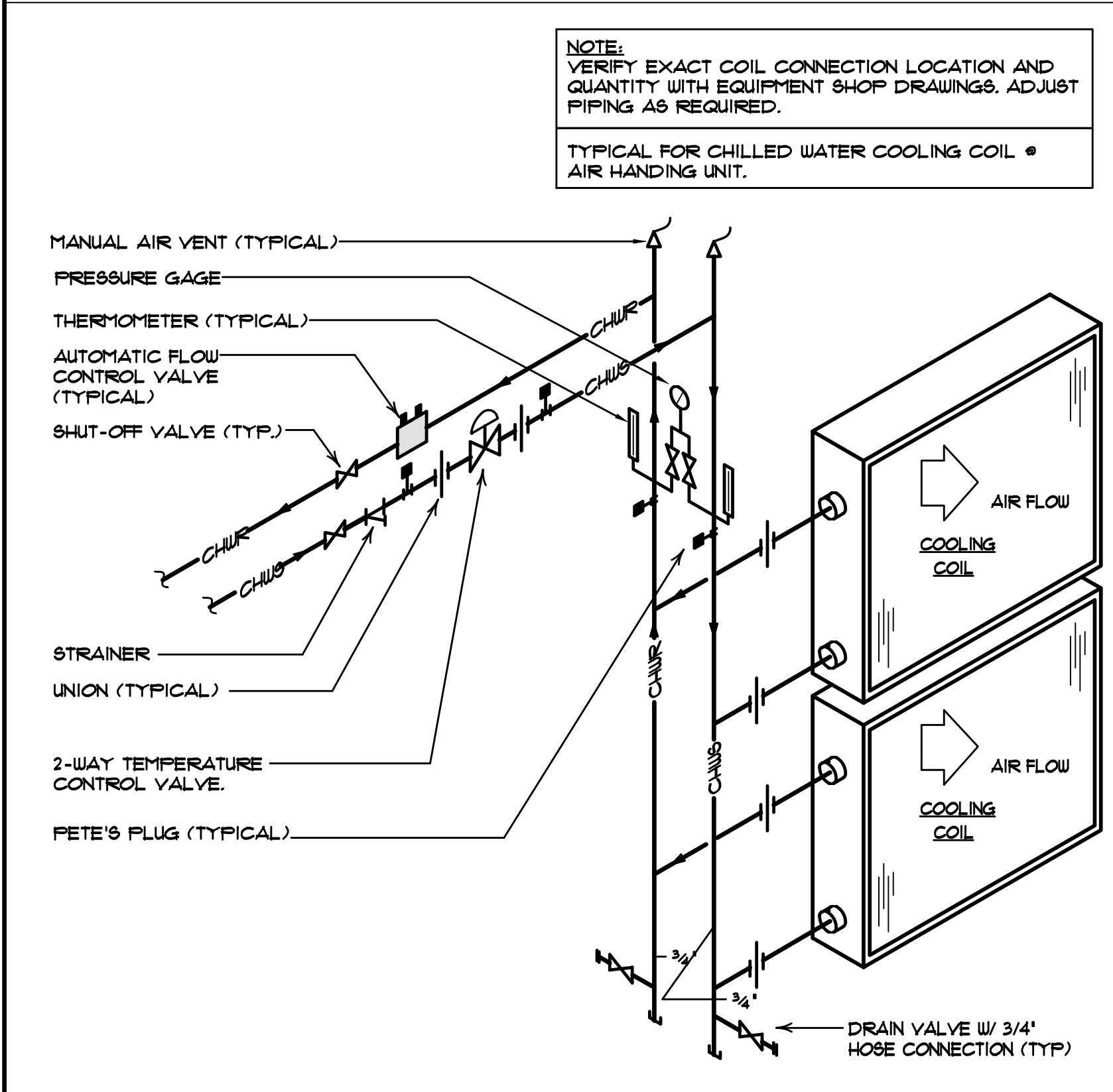
HOT WATER HEATING COIL PIPING DIAGRAM

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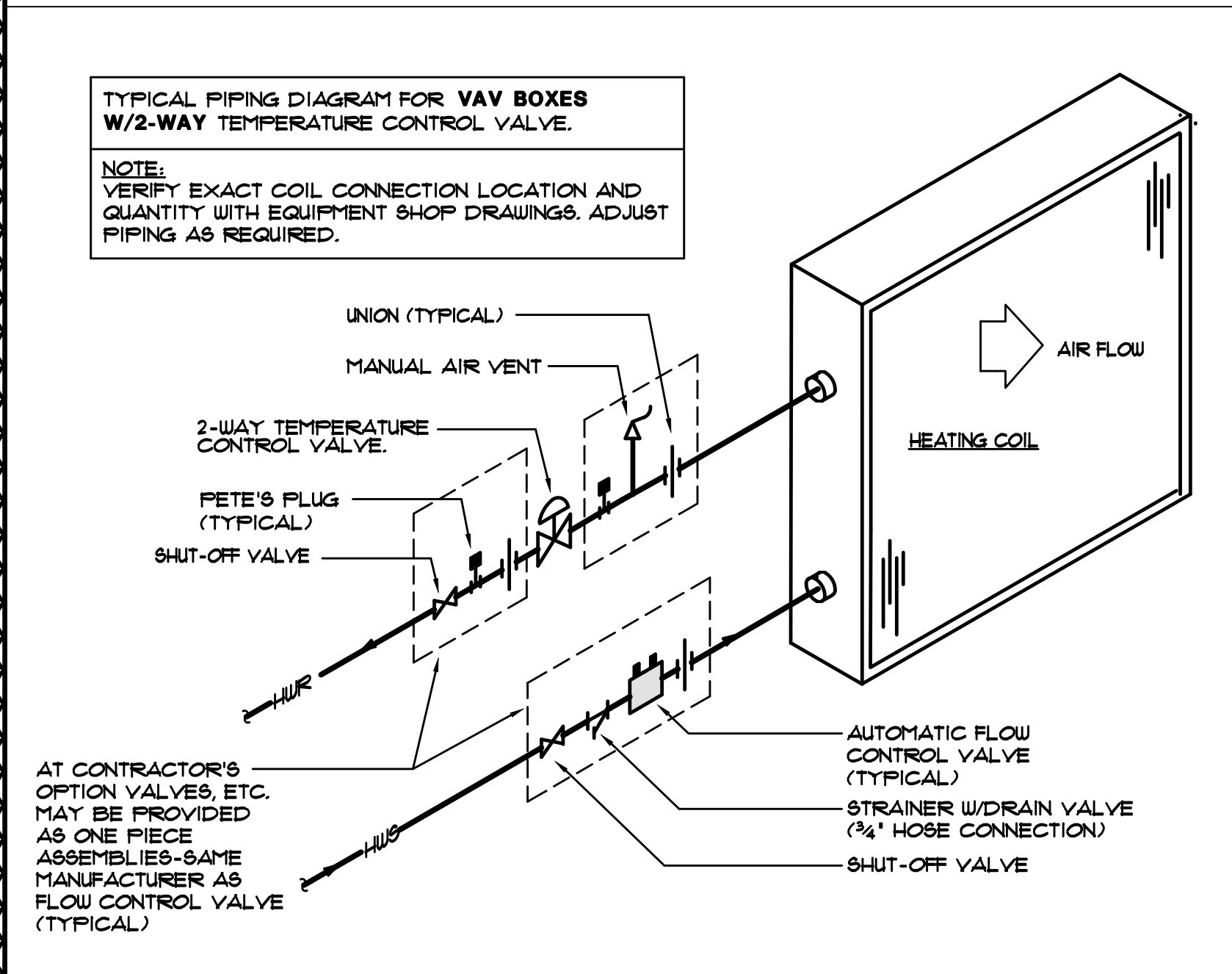
CHILLED WATER COOLING COIL PIPING DIAGRAM

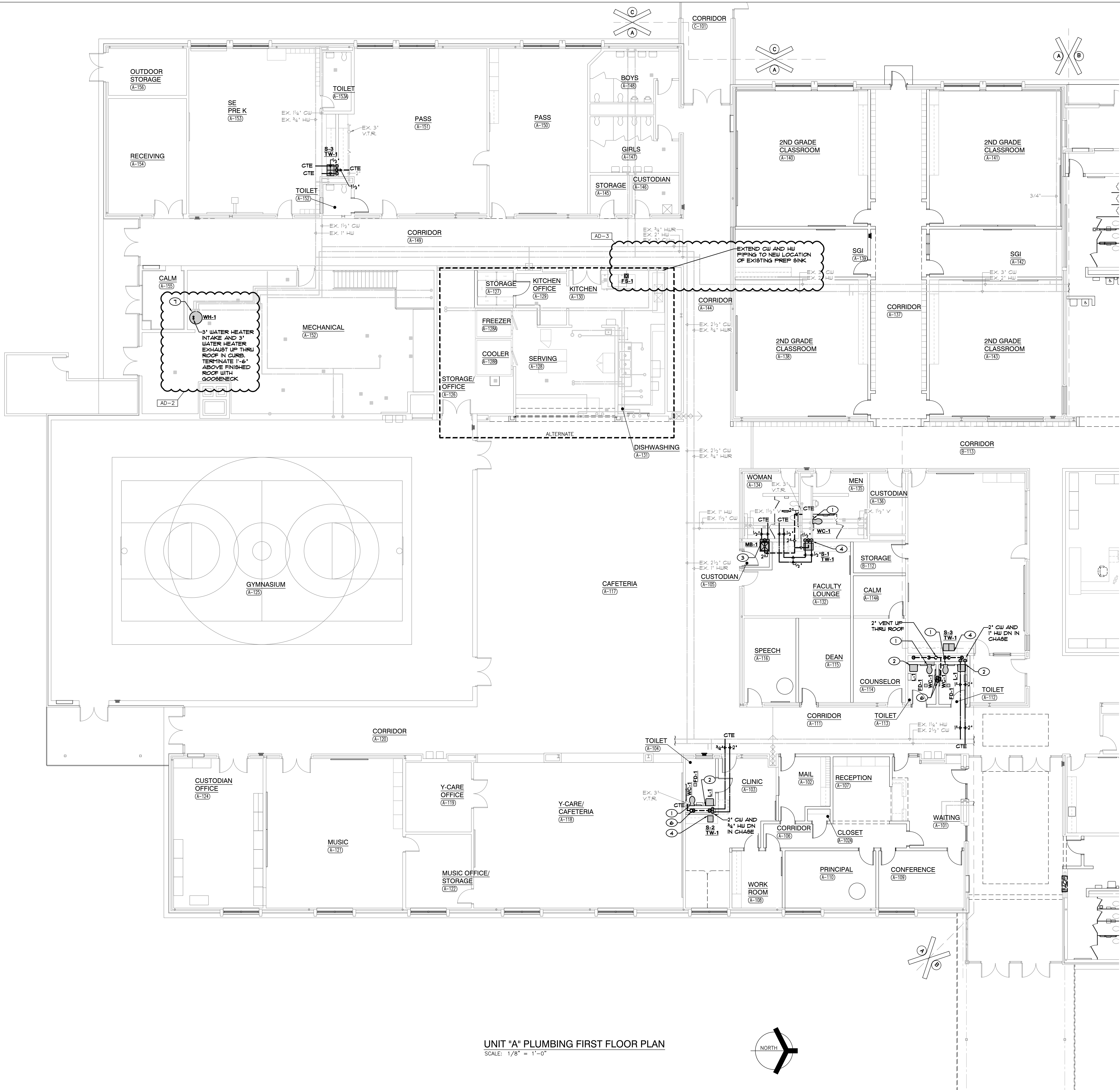
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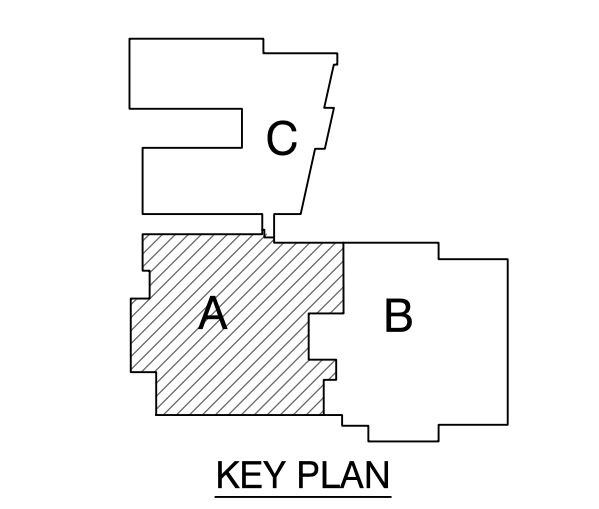
HOT WATER HEATING COIL PIPING DIAGRAM

SCHEMATIC ONLY





- SHEET NOTES**
1. 1 1/2" CW, 4" SANITARY, AND 2" VENT DOWN TO WATER CLOSET
 2. 1/2" CW, 1/2" HW, 1 1/2" SANITARY, AND 1 1/2" VENT DOWN TO LAVATORY.
 3. 1/2" CW, 1/2" HW, 4" SANITARY, AND 2" VENT DOWN TO MOP BASIN.
 4. 1/2" CW, 1/2" HW, 2" SANITARY, AND 1 1/2" VENT DOWN TO SINK.
 5. 3/4" CW, 2" SANITARY, AND 1 1/2" VENT DOWN TO URINAL.
 6. 2" VENT DN.
 7. PLACE NEW WATER HEATER LEVEL ON EXISTING EQUIPMENT PAD. COMPLETE AS REQUIRED. CONNECT NEW WATER HEATER TO EXISTING DOMESTIC WATER PIPING, GAS PIPING, AND ELECTRICAL CONNECTION COMPLETE AS REQUIRED.





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SYMBOL LIST


TECHNOLOGY


 ALPHINE EXTERIOR DOOR INTERCOM SYSTEM. MOUNTED 48" AFF. PROVIDE BACK BOX WITH ¾" CONDUIT ROUTED TO THE ACCESSIBLE CEILING SPACE.


 ALPHINE INTERIOR DOOR INTERCOM SYSTEM. MOUNTED ON OWNER'S DESK. PROVIDE BACK BOX AT 42" AFF. WITH ¾" CONDUIT ROUTED TO THE ACCESSIBLE CEILING SPACE.


 ALPHINE DOOR INTERCOM POWER SUPPLY. CONNECT TO NEAREST LOCAL RECEPTACLE.


 SCOREBOARD JUNCTION BOX MOUNTED 18" AFF OR AS NOTED


 SCOREBARS TABLE OUTLET MOUNTED 18" AFF. OR FLUSH IN FLOOR, AS INDICATED


 ELECTRIC DOOR STRIKE - 6TUB ¾" CONDUIT FROM THE ACCESSIBLE CEILING SPACE TO THE DOOR MULLION FOR WIRING. INTERFACE WIRING FROM THE DOOR STRIKE TO THE DOOR ACCESS SYSTEM FOR A COMPLETE AND PROPERLY OPERATING SYSTEM.


 HOLD OPEN RELEASE - ROUGH-IN ONLY - REFER TO TECHNOLOGY DRAWINGS FOR CONDUIT, WIRING AND ROUGH-IN INFORMATION


 VIDEO INTERCOM CALL STATION - ROUGH-IN ONLY - REFER TO TECHNOLOGY DRAWINGS FOR CONDUIT, WIRING AND ROUGH-IN INFORMATION


 VIDEO INTERCOM MASTER STATION - ROUGH-IN ONLY - REFER TO TECHNOLOGY DRAWINGS FOR CONDUIT, WIRING AND ROUGH-IN INFORMATION


 KEYPAD - ROUGH-IN ONLY - REFER TO TECHNOLOGY DRAWINGS FOR CONDUIT, WIRING AND ROUGH-IN INFORMATION


 DOOR RELEASE - ROUGH-IN ONLY - REFER TO TECHNOLOGY DRAWINGS FOR CONDUIT, WIRING AND ROUGH-IN INFORMATION


 DOOR STATUS SENSOR - ROUGH-IN ONLY - REFER TO TECHNOLOGY DRAWINGS FOR CONDUIT, WIRING AND ROUGH-IN INFORMATION


 PROXIMITY CARD READER - ROUGH-IN ONLY - REFER TO TECHNOLOGY DRAWINGS FOR CONDUIT, WIRING AND ROUGH-IN INFORMATION


 VOLUME CONTROL - ROUGH-IN ONLY - REFER TO TECHNOLOGY DRAWINGS FOR CONDUIT, WIRING AND ROUGH-IN INFORMATION


 SPEAKER - ROUGH-IN ONLY - REFER TO TECHNOLOGY DRAWINGS FOR CONDUIT, WIRING AND ROUGH-IN INFORMATION


 ANALOG CLOCK - ROUGH-IN ONLY - REFER TO TECHNOLOGY DRAWINGS FOR CONDUIT, WIRING AND ROUGH-IN INFORMATION


 MIC INPUT - ROUGH-IN ONLY - REFER TO TECHNOLOGY DRAWINGS FOR CONDUIT, WIRING AND ROUGH-IN INFORMATION.


 VOICE/DATA OUTLET - ROUGH-IN ONLY - REFER TO TECHNOLOGY DRAWINGS FOR CONDUIT, WIRING AND ROUGH-IN INFORMATION.


 DATA OUTLET - ROUGH-IN ONLY - REFER TO TECHNOLOGY DRAWINGS FOR CONDUIT, WIRING AND ROUGH-IN INFORMATION.


 LED CLOCK - ROUGH-IN ONLY - REFER TO TECHNOLOGY DRAWINGS FOR CONDUIT, WIRING AND ROUGH-IN INFORMATION


 SPEAKER, HORN TYPE - ROUGH-IN ONLY - REFER TO TECHNOLOGY DRAWINGS FOR CONDUIT, WIRING AND ROUGH-IN INFORMATION


 VIDEO PROJECTOR - ROUGH-IN ONLY - REFER TO TECHNOLOGY DRAWINGS FOR CONDUIT, WIRING AND ROUGH-IN INFORMATION. COORDINATE EXACT MOUNTING HEIGHT OF ADJACENT POWER OUTLET WITH LOW VOLTAGE EQUIPMENT INSTALLER PRIOR TO ROUGH-IN.


 FLAT PANEL - ROUGH-IN ONLY - REFER TO TECHNOLOGY DRAWINGS FOR CONDUIT, WIRING AND ROUGH-IN INFORMATION. COORDINATE EXACT MOUNTING HEIGHT OF ADJACENT POWER OUTLET WITH LOW VOLTAGE EQUIPMENT INSTALLER PRIOR TO ROUGH-IN.


 VIDEO SURVEILLANCE CAMERA OUTLET EXTERIOR WALL - ROUGH-IN ONLY - REFER TO TECHNOLOGY DRAWINGS FOR CONDUIT, WIRING AND ROUGH-IN INFORMATION.

 VIDEO SURVEILLANCE CAMERA OUTLET CEILING MOUNTED - ROUGH-IN ONLY - REFER TO TECHNOLOGY DRAWINGS FOR CONDUIT, WIRING AND ROUGH-IN INFORMATION.

 SOUND CABINET - ROUGH-IN ONLY - REFER TO TECHNOLOGY DRAWINGS FOR CONDUIT, WIRING AND ROUGH-IN INFORMATION.

 WIRELESS LAN ACCESS POINT CEILING MOUNTED - ROUGH-IN ONLY - REFER TO TECHNOLOGY DRAWINGS FOR CONDUIT, WIRING AND ROUGH-IN INFORMATION.

 BUILDING AUTOMATION SYSTEMS - ROUGH-IN ONLY - REFER TO TECHNOLOGY DRAWINGS FOR CONDUIT, WIRING AND ROUGH-IN INFORMATION.

 WALKER RFB4 SERIES FLUSH FLOOR BOX WITH TWO (2) 20A GROUNDED DUPLEX RECEPTACLES AND ROUGH-IN FOR DATA JACKS - REFER TO TECHNOLOGY DRAWINGS FOR CONDUIT, WIRING, AND ROUGH-IN INFORMATION FOR LOW VOLTAGE ROUGH-IN. PROVIDE SCRUB-RESISTANT COVER AND COORDINATE FINISH WITH ARCHITECT.

EQUIPMENT AND WIRING

① JUNCTION BOX - SIZE AND TYPE AS REQUIRED.

ℓ FLEX CONDUIT CONNECTION

ℓℓ JUNCTION BOX W/ FLEX CONDUIT CONNECTION.

⚡ ELECTRIC MOTOR CONNECTION - PROVIDE LOCAL DISCONNECT SWITCH PER NATIONAL ELECTRIC CODE - CONNECT MISCELLANEOUS ACCESSORIES SUCH AS BACK DRAFT DAMPERS, ETC. COMPLETE AS REQUIRED.

■ ELECTRIC PANELBOARDS.

⚡ DISCONNECT SWITCH SIZE AND TYPE AS REQUIRED - COORDINATE AMPERE RATING WITH EQUIPMENT SUPPLIER

⚡☒ COMBINATION MAGNETIC STARTER WITH DISCONNECT SWITCH.

☒ MAGNETIC STARTER

T TRANSFORMER - SIZE AND TYPE AS REQUIRED

SP SURGE SUPPRESSION DEVICE

TELEPHONE TERMINAL BOARD

TB CONDUIT STUB INTO ACCESSIBLE CEILING SPACE TERMINATE W/ INSULATING BUSHING

⤴ CONDUIT CONCEALED ABOVE CEILING OR IN WALL

⤵ CONDUIT CONCEALED IN OR BELOW FINISHED FLOOR

— CONDUIT EXPOSED ON CEILING, WALL OR BAR JOIST - ROUTED IN NEAT MANNER

W FLEXIBLE CONDUIT - ROUTED IN NEAT MANNER WITHIN CHASE OF CASEWORK.

LP-AI HOMERUN TO PANEL, INDICATING PANEL AND CIRCUIT BREAKER NUMBER WITHIN THE PANEL.

⚡ INDICATES NUMBER OF CONDUCTORS IN CONDUIT (CONTRACTOR SHALL VERIFY AND INSTALL ADDITIONAL WHERE REQUIRED) CROSS HATCHED INDICATES NUMBER OF CONDUCTORS (HOT OR SWITCHED LEG, NEUTRAL, GROUND)

ADA DOOR OPERATOR PUSH BUTTON FURNISHED BY OTHERS, WIRED AND INSTALLED BY CONTRACTOR. PROVIDE TWO (2) GANG BACK-BOX MOUNTED AT 42" AFF. WITH ¾" C. ROUTED DOOR OPERATOR.



DO SWING DOOR OPERATOR FURNISHED AND INSTALLED BY OTHERS, WIRED BY CONTRACTOR. COORDINATE ELECTRICAL LOCATION WITH DOOR HARDWARE SUPPLIER.

H HAND DRYER (MODEL SPECIFIED BY ARCHITECT); REFER TO ARCHITECTURAL DRAWINGS FOR EXACT MOUNTING LOCATION.

FLUSH IN FLOOR BOX, SIZE AND TYPE AS REQUIRED. VERIFY IN FIELD EXACT CONDITIONS AND REQUIREMENTS PRIOR TO ROUGH-IN. FURNISH AND INSTALL ACCESSORIES AND AFFURTEANCES AS REQUIRED FOR A COMPLETE AND PROPERLY OPERATING SYSTEM.

⬆ CONDUIT STUB UP OUT OF FLOOR

SHEET SYMBOLS

 HEXAGON TAG REFERENCE TO EQUIPMENT CONNECTION SCHEDULE
 ELLIPSE TAG REFERENCE TO SHEET NOTES


 TWO DEVICE MOUNTED UNDER COMMON COVER, WHERE LOW VOLTAGE DEVICES ARE MOUNTED UNDER COMMON COVER, COMBINE CONDUIT STUBS MAINTAINING THE EQUIVALENT FREE AREA FOR THE LOW VOLTAGE CABLING.

FIRE ALARM

NOTE: FIRE ALARM DEVICES, MOUNTING HEIGHT, ETC. SHALL COMPLY WITH 'ADA' STANDARDS.

AD— MOTORIZED DAMPER - E.G. TO INTERLOCK COMPLETE AS REQUIRED.

FACP FIRE ALARM CONTROL PANEL

HA FIRE ALARM ANNIUNCIATOR PANEL

KNOX BOX - PER THE LOCAL FIRE DISTRICT STANDARDS, AT THE LOCATION INDICATED, PROVIDE BOTH POWER AND SMOKE EVACUATION KEY CONTROLS. VERIFY ELEVATION OF DEVICE WITH THE LOCAL FIRE DISTRICT PRIOR TO INSTALLING SAME. WHERE REQUIRED, FURNISH AND INSTALL A FLASHING ANNIUNCIATOR, TIED TO THE FIRE ALARM SYSTEM, TO IDENTIFY LOCATION OF THE KNOX BOX.

AD AUTOMATIC DIALER FOR FIRE, ELEVATOR, AND/OR SECURITY SYSTEM. EXTEND (2) TELEPHONE LINES TO EACH DIALER FROM T.T.B.

HA FIRE ALARM SPEAKER / STROBE WITH 110 CANDELA MTD. 80' AFF. OF 6' BELOW FINISHED CEILING UNWICKEVER 15 LOWER

HA FIRE STROBE MTD 80' AFF. - 15 CANDELA

HA FIRE ALARM SPEAKER / STROBE MTD 80' AFF. - 75 CANDELA

F CEILING MOUNTED FIRE ALARM SPEAKER. PROVIDE RECESSED UNITS WHERE CEILINGS EXIST AND SURFACE MOUNT UNITS IN EXPOSED CEILING AREAS.

F FIRE ALARM SYSTEM HEAT DETECTOR - COMBINATION TYPE (R/R - FIXED TEMP.) IN BOILER ROOM

FACP FIRE ALARM SYSTEM SMOKE DETECTOR - CEILING MOUNTED - ABOVE FACP

FACP FIRE ALARM SYSTEM DUCT TYPE SMOKE DETECTOR WIRED TO CONTROL LOCAL SHUT DOWN FANS ONLY - DUCT INTERLOCK TO BE MOUNTED IN AIR DUCT SYSTEM AND WIRED PER MANUFACTURER'S RECOMMENDATIONS AND NFPA 72

R FIRE ALARM CONTROL RELAY IN AIR HANDLING UNIT CONTROL PANEL WIRED TO SHUT DOWN FANS UPON FIRE ALARM SYSTEM ACTIVATION - NOTE: FANS TO AUTOMATICALLY RESTART UPON FIRE ALARM SYSTEM RESET. ALSO, RELAYS SHALL BE INTERFACED TO FIRE DOORS TO DISENGAGE UPON ACTIVATION OF THE FIRE ALARM SYSTEM.

FACP SMOKE FIRE DAMPER CONTROL WIRING TO ASSOCIATED SMOKE DUCT DETECTORS.

HA SMOKE DAMPER, CONNECT CONTROL WIRING TO ASSOCIATED SMOKE DUCT DETECTORS.

FPS FIRE PROTECTION SPRINKLER FLOW SWITCH

FPS FIRE PROTECTION SPRINKLER ALARM SWITCH

HA FIRE PROTECTION SPRINKLER ALARM BELL - INSTALLED AND WIRED

ELECTROMAGNETIC WALL MOUNTED DOOR HOLDER OR WIRE HARDWARE INSTALLED DOOR CLOSER COMPLETE AS REQUIRED. CONTRACTOR SHALL COORDINATE EXACT LOCATION AND MOUNTING STYLE WITH DOOR SCHEDULE PRIOR TO ROUGHING IN FOR SAME.

SWITCHING

\$ GENERAL PURPOSE 1-POLE SWITCH - (TYPICAL - MOUNTED 42" AFF) (HUBBELL #221 OR EQUAL) PROVIDE LOW VOLTAGE STYLE SWITCH WHERE REQUIRED TO INTERFACE WITH LIGHTING CONTROL. POWER PACK TO ACCOMPLISH REQUIRED LIGHTING CONTROL. SEQUENCE.

\$³ GENERAL PURPOSE 3-WAY SWITCH MTD 42" AFF (HUBBELL #223 OR EQUAL) PROVIDE LOW VOLTAGE STYLE SWITCH WHERE REQUIRED TO INTERFACE WITH LIGHTING CONTROL. POWER PACK TO ACCOMPLISH REQUIRED LIGHTING CONTROL. SEQUENCE.

\$⁴ GENERAL PURPOSE FOUR WAY SWITCH MTD, 42" AFF (HUBBELL #224 OR EQUAL) PROVIDE LOW VOLTAGE STYLE SWITCH WHERE REQUIRED TO INTERFACE WITH LIGHTING CONTROL. POWER PACK TO ACCOMPLISH REQUIRED LIGHTING CONTROL. SEQUENCE.

\$^M FURNISH AND INSTALL WALL SWITCH SINGLE BUTTON DUAL TECHNOLOGY OCCUPANCY SENSOR WITH MANUAL ON OPERATION MTD 42" AFF. SENSORS/SWITCH W8X-PDT OR APPROVED EQUAL BY EATON, LEVITON OR HUBBELL CONTROLS.

\$^D 0-10V DIMMER SWITCH - (TYPICAL - MOUNTED 42" AFF) (PROVIDE LEVITON OR KEY-DIAL DIMMER - DONATE EXIST MODEL WITH OWNER AND WITH FUTURE MANUFACTURER FOR COMPATIBILITY)

\$² FURNISH AND INSTALL CEILING MOUNTED DUAL TECHNOLOGY OCCUPANCY SENSOR WITH POWER PACK. MANUFACTURERS: SENSORS/SWITCH #CM-PDT-10-7P-20 (WITH MICROPHONICS) OR APPROVED EQUAL BY EATON, LEVITON OR HUBBELL CONTROLS. SENSOR SHALL BE PROGRAMMED FOR MANUAL ON UNLESS OTHERWISE NOTED.

\$^H FURNISH AND INSTALL CEILING MOUNTED HIGH BAY OCCUPANCY SENSOR WITH POWER PACK. MANUFACTURERS: SENSORS/SWITCH #CM-H OR APPROVED EQUAL BY COOPER OR HUBBELL CONTROLS. SENSOR SHALL BE PROGRAMMED FOR MANUAL ON UNLESS OTHERWISE NOTED.

WS \$^H FURNISH AND INSTALL CEILING MOUNTED PIR HIGH BAY OCCUPANCY SENSOR WITH POWER PACK AND WIREGUARD PROTECTION. MANUFACTURERS: N-LIGHT #CM-H OR APPROVED EQUAL BY EATON, LEVITON OR HUBBELL CONTROLS. SENSOR SHALL BE PROGRAMMED FOR MANUAL ON UNLESS OTHERWISE NOTED.

(PC) EXTERIOR LIGHTING CONTROL. PHOTOCELL

\$¹ UTILITY CONTROLLER FOR SCIENCE LAB SHUT OFF SWITCHES AND EQUIPMENT RELEASED MOUNTED IN USE. REFER TO SCIENCE ROOF SHUT-OFF SCHEMATIC WIRING DIAGRAM FOR ADDITIONAL INFORMATION.

GG \$^K GYMNASIUM LIGHTING CONTROL SWITCH (TYPICAL - MTD AT 42" AFF) REFER TO DETAIL FOR ADDITIONAL INFORMATION.

\$^K KEY OPERATED TOGGLE TYPE SWITCH

\$^{F6} PROJECTOR SCREEN SWITCH ROUGH-IN. PROVIDE SUITABLE BACK BOX AND STAINLESS STEEL ENGRAVED COVER PLATE FOR SWITCH DEVICES FURNISHED BY EQUIPMENT SUPPLIER.

\$¹ MANUAL STARTING SWITCH WITH THERMAL OVERLOAD PROTECTION

(DH) WIRELESS CEILING MOUNTED DAYLIGHT HARVESTING SENSOR BY N-LIGHT

RECEPTACLES

① 120V-20A SPECIFICATION GRADE DUPLEX RECEPTACLE - (MOUNTED 18" AFF. OR 48" NOTED) (HUBBELL #5362 OR EQUAL).

② 120V-20A SPECIFICATION GRADE DUPLEX RECEPTACLE - (MOUNTED 42" AFF. OR 2' ABOVE BACKSPASH IF LOCATED ABOVE COUNTER) (HUBBELL #5362 OR EQUAL).

③ 120V-20A SPECIFICATION GRADE DUPLEX RECEPTACLE - (MOUNTED AT SPECIAL HEIGHT - COORDINATE IN FIELD) (HUBBELL #5362 OR EQUAL).

④ 120V-20A SPECIFICATION GRADE GROUNDED DUPLEX RECEPTACLE WITH GFI, PROTECTION - (MOUNTED 18" AFF. OR 48" NOTED) (HUBBELL #5362 OR EQUAL).

⑤ 120V-20A SPECIFICATION GRADE GROUNDED DUPLEX RECEPTACLE WITH GFI, PROTECTION (MOUNTED 42" AFF. OR 2' ABOVE BACKSPASH IF LOCATED ABOVE COUNTER) (HUBBELL #5362 OR EQUAL).

⑥ SPECIAL PURPOSE OUTLET (AS NOTED ON PLAN OR SPECIFICATIONS).

REEL CORD WITH 48" CORD AND 20A DUPLEX GFCI RECEPTACLE, HUBBELL #48323220 OR EQUAL, COMPLETE WITH BALL STOP AND ALL OTHER APPLURANCES NECESSARY FOR A COMPLETE AND PROPER INSTALLATION. MUST REEL CORD TO THE STRUCTURE ABOVE OR TO THE CEILING GRID (WHERE CEILING EXISTS). VERIFY CONDITIONS, REQUIREMENTS AND LOCATIONS IN FIELD PRIOR TO ROUGH-IN.

⑦ PROVIDE LOW VOLTAGE FURNITURE FEED. PROVIDE 2 GANG BACK BOX WITH 2" CONDUIT TO THE ACCESSIBLE CEILING SPACE WITH INSULATED BUSHING. EXTEND 2" FLEXIBLE CONDUIT TO THE FURNITURE. COORDINATE REQUIREMENTS WITH FURNITURE SUPPLIER.

⑧ ELECTRICAL POWER FURNITURE FEED. PROVIDE 2 GANG BACK BOX AND EXTEND 1" FLEXIBLE CONDUIT TO THE FURNITURE. COORDINATE REQUIREMENTS WITH THE FURNITURE SUPPLIER.

⑨ WIREMOLD #RCA SERIES POKE THROUGH DEVICE WITH ALUMINUM FLANGE AND BLACK FACE PLATE. PROVIDE WITH TWO (2) DUPLEX RECEPTACLES, TWO (2) DATA JACKS, PROVIDE CAT-6 PLENUM CABLE FROM EACH JACK TO NEAREST IDF OR MDF LOCATION INDICATED ON PLANS. TERMINATE WITH RJ-45 JACK, TEST AND LEAVE 10' SLACK LENGTH. PROVIDE WITH SCRUB RESISTANT GASKETING AND ALL PROPER ACCESSORIES TO BE INSTALLED THROUGH THE FLOOR. PROVIDE COORDINATION ADAPTER TO PROPERLY ROUTE LOW VOLTAGE WIRING TO THE ACCESSIBLE CEILING SPACE.

⑩ FLUSH IN WALL "TV" PANEL CONSISTING WITH ONE (1) DUPLEX RECEPTACLE MOUNTED IN A BACK BOX. REFER TO TECHNOLOGY DRAWINGS FOR SEPARATE 2-GANG BACK BOX WITH 2" FLEXIBLE CONDUIT TO THE FURNITURE. SEE SCHEDULE "I" SERIES OF SHEETS. COORDINATE EXACT MOUNTING HEIGHT PRIOR TO ROUGH-IN.



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21-137
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10/17/22
COORDINATED BY
JC
DRAWN BY
MS
CHECKED BY
DJ

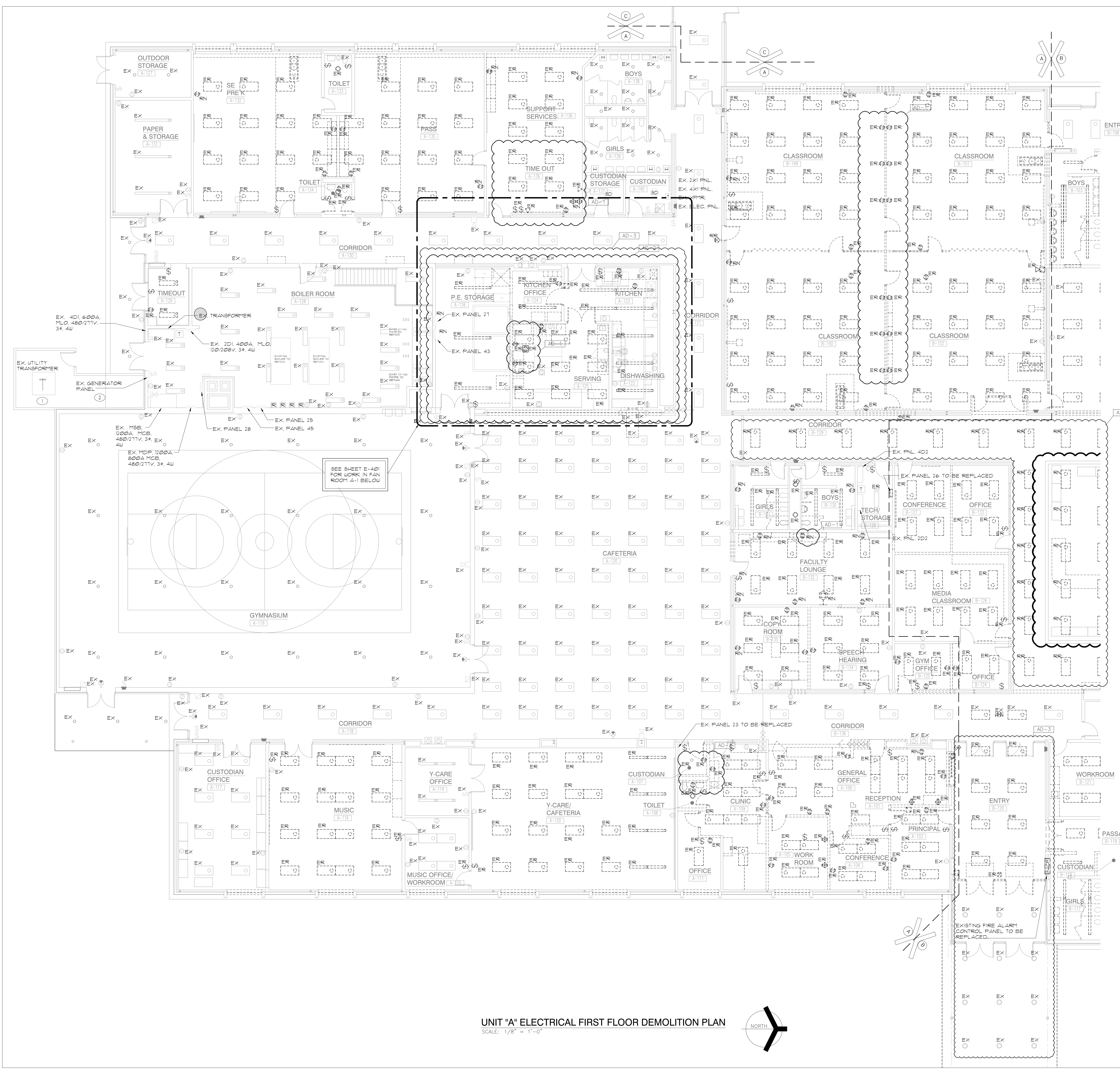
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DRAWING


ELECTRICAL NOTES, SYMBOLS & ABBREVIATIONS

PROJECT
LIBERTY ES - RENOVATIONS



- ### GENERAL NOTES
- THE DEVICES SHOWN ON THE DRAWINGS HAVE BEEN LOCATED AS A SERVICE TO THE CONTRACTOR AND MAY NOT INDICATE THE COMPLETE SCOPE OF DEMOLITION WORK. CONTRACTOR SHALL FIELD VERIFY ALL DEVICES AND VERIFY THE COMPLETE SCOPE OF DEMOLITION WORK WITH ARCHITECT.
 - DISCONNECT AND REMOVE EXISTING LIGHTING (LABELLED AND SHOWN AS EX) AND RELATED CIRCUITRY BACK TO NEAREST JUNCTION BOX, COMPLETE AS REQUIRED. RETAIN ALL ASSOCIATED WIRING, CONDUIT, ETC. FOR USE WITH NEW LIGHTING AND CONTROLS.
 - CONTRACTOR SHALL CAREFULLY VERIFY EXISTING CONDUITS, BOXES, DEVICES, EQUIPMENT, LOW VOLTAGE DEVICES, ETC. LOCATED ON THE CEILING AND ON THE WALLS IN WHICH ARCHITECTURAL MODIFICATIONS, STRUCTURAL MODIFICATION OR NEW CEILING WILL BE LOCATED. CONTRACTOR SHALL REMOVE AND RELOCATE ALL CEILING AND WALL MOUNTED DEVICES AS REQUIRED TO ELIMINATE CONFLICTS BETWEEN EXISTING DEVICES AND ARCHITECTURAL/STRUCTURAL MODIFICATIONS. PROVIDE NEW SURFACE RACEWAY AND SURFACE RACEWAY BACKBOXES AS REQUIRED FOR ALL RELOCATED DEVICES, COMPLETE AS REQUIRED.
 - ALL LIGHT SWITCHES, SENSORS AND CONTROL DEVICES THAT BECOME ABANDONED AS PART OF THE WORK SHALL BE REMOVED.
 - CONTRACTOR SHALL FIELD VERIFY ALL LOCATIONS OF MECHANICAL AND PLUMBING EQUIPMENT THAT ARE REMOVED AS PART OF THIS WORK OR HAS BEEN PREVIOUSLY REMOVED BY OTHERS. ALL ABANDONED ELECTRICAL CONNECTIONS, WIRING, ACCESSIBLE CONDUIT, ETC. ARE TO BE REMOVED BACK TO SOURCE PANEL, COMPLETE AS REQUIRED.
 - EXISTING FIRE ALARM DEVICES SHALL BE REMOVED COMPLETE WITHIN RENOVATION AREAS. EXISTING DEVICES REMAINING OUTSIDE OF PROJECT AREA SHALL BE RE-USED WITH NEW FIRE ALARM CONTROL PANEL. CONTRACTOR SHALL ENSURE COMPATIBILITY BETWEEN EXISTING DEVICES AND NEW CONTROL PANEL.

- ### SHEET NOTES
- EXISTING CUSTOMER OWNED UTILITY TRANSFORMER TO BE REPLACED WITH NEW UTILITY OWNED EQUIPMENT. REFER TO RISER DIAGRAM FOR ADDITIONAL INFORMATION.
 - EXISTING INCOMING GENERATOR FEED FROM ADJACENT INTERMEDIATE SCHOOL TO BE DISCONNECTED AND REMOVED. REFER TO RISER DIAGRAM FOR ADDITIONAL INFORMATION.

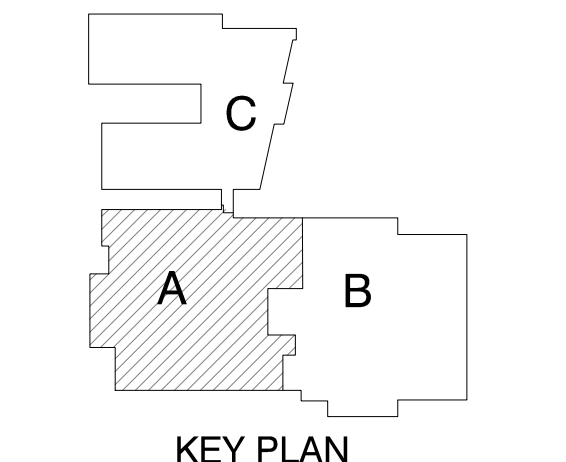


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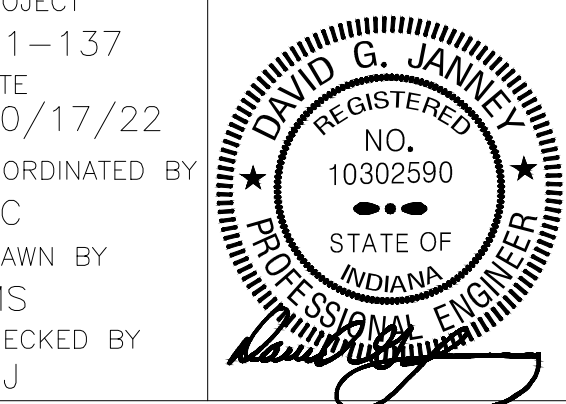
DUNELAND SCHOOL CORPORATION
CHESTERTON, INDIANA



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AD-2	11/02/22	ADDENDUM NO. 2	
AD-3	11/09/22	ADDENDUM NO. 3	

DRAWING
UNIT "A" ELECTRICAL FIRST FLOOR DEMOLITION PLAN

PROJECT
LIBERTY ES - RENOVATIONS

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UNIT "A" ELECTRICAL FIRST FLOOR DEMOLITION PLAN
SCALE: 1/8" = 1'-0"

GENERAL NOTES

1. THE DEVICES SHOWN ON THE DRAWINGS HAVE BEEN LOCATED AS A SERVICE TO THE CONTRACTOR AND MAY NOT INDICATE THE COMPLETE SCOPE OF DEMOLITION WORK. CONTRACTOR SHALL FIELD VERIFY ALL DEVICES AND VERIFY THE COMPLETE SCOPE OF DEMOLITION WORK WITH ARCHITECT.
2. DISCONNECT AND REMOVE EXISTING LIGHTING (LABELLED AND SHOWN AS ER) AND RELATED CIRCUITRY BACK TO NEAREST JUNCTION BOX, COMPLETE AS REQUIRED. RETAIN ALL ASSOCIATED WIRING, CONDUIT, ETC. FOR USE WITH NEW LIGHTING AND CONTROLS.
3. CONTRACTOR SHALL CAREFULLY VERIFY EXISTING CONDUITS, BOXES, DEVICES, EQUIPMENT, LOW VOLTAGE DEVICES, ETC. LOCATED ON THE CEILING AND ON THE WALLS IN WHICH ARCHITECTURAL MODIFICATIONS, STRUCTURAL MODIFICATION OR NEW CEILING WILL BE LOCATED. CONTRACTOR SHALL REMOVE AND RELOCATE ALL CEILING AND WALL MOUNTED DEVICES AS REQUIRED TO ELIMINATE CONFLICTS BETWEEN EXISTING DEVICES AND ARCHITECTURAL/STRUCTURAL MODIFICATIONS. PROVIDE NEW SURFACE RACEWAY AND SURFACE RACEWAY BACKBOXES AS REQUIRED FOR ALL RELOCATED DEVICES, COMPLETE AS REQUIRED.
4. ALL LIGHT SWITCHES, SENSORS AND CONTROL DEVICES THAT BECOME ABANDONED AS PART OF THE WORK SHALL BE REMOVED.
5. CONTRACTOR SHALL FIELD VERIFY ALL LOCATIONS OF MECHANICAL AND PLUMBING EQUIPMENT THAT ARE REMOVED AS PART OF THIS WORK OR HAS BEEN PREVIOUSLY REMOVED BY OTHERS. ALL ABANDONED ELECTRICAL CONNECTIONS, WIRING, ACCESSIBLE CONDUIT, ETC. ARE TO BE REMOVED BACK TO SOURCE PANEL COMPLETE AS REQUIRED.
6. EXISTING FIRE ALARM DEVICES SHALL BE REMOVED COMPLETE WITHIN RENOVATION AREAS. EXISTING DEVICES REMAINING OUTSIDE OF PROJECT AREA SHALL BE RE-USED WITH NEW FIRE ALARM CONTROL PANEL. CONTRACTOR SHALL ENSURE COMPATIBILITY BETWEEN EXISTING DEVICES AND NEW CONTROL PANEL.



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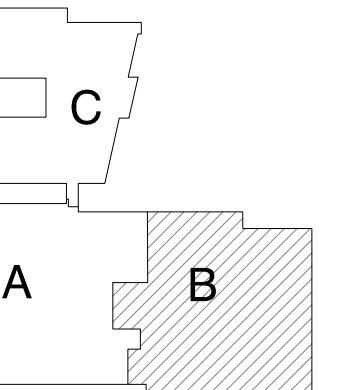
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PROJECT

LIBERTY ELEMENTARY SCHOOL - RENOVATIONS

DUNELAND SCHOOL CORPORATION
CHESTERTON, INDIANA



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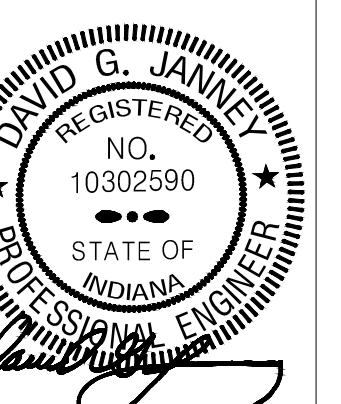
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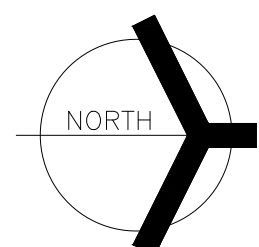
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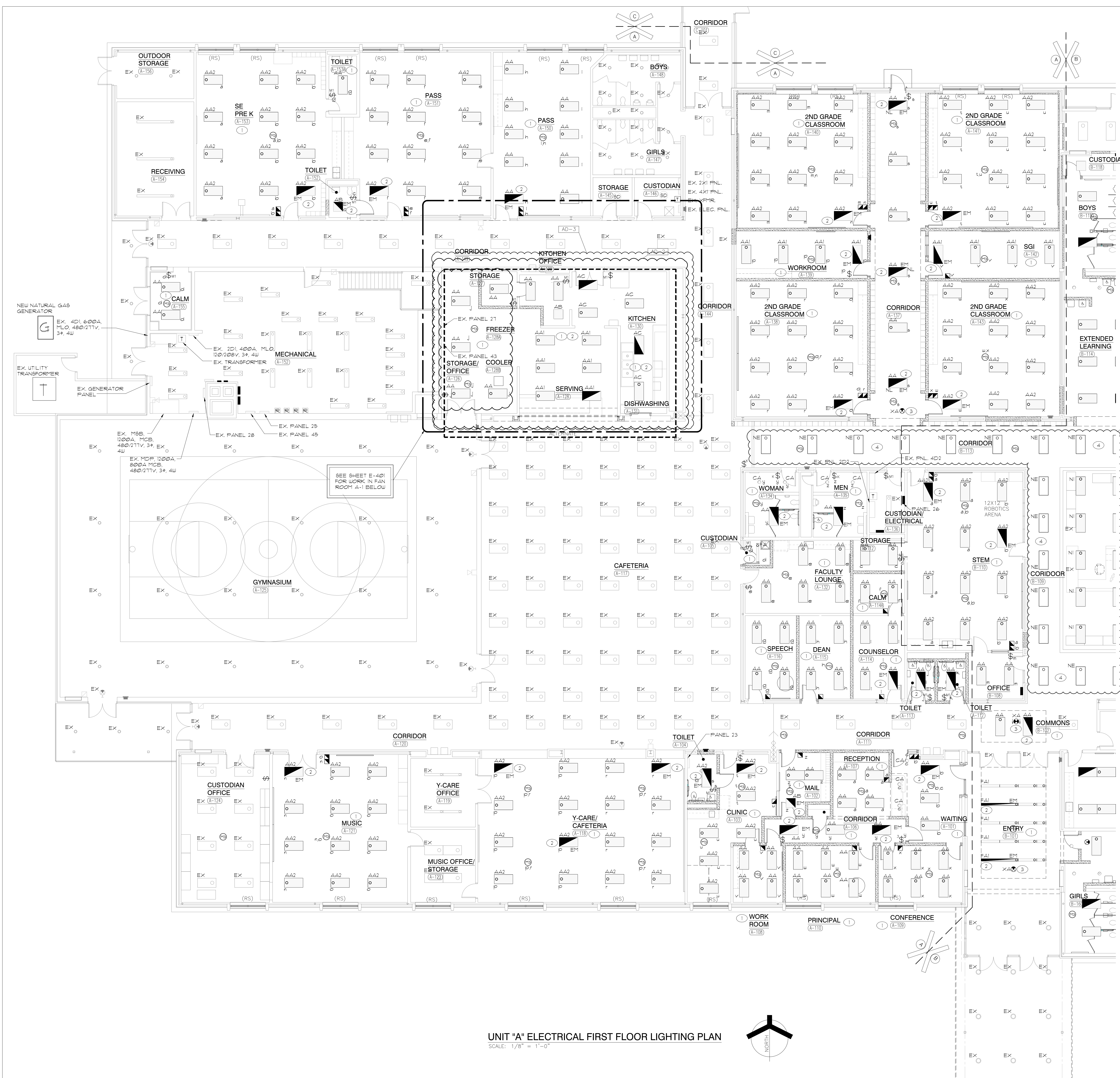
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AD-3	11/09/22	ADDENDUM NO. 3

UNIT "B" ELECTRICAL FIRST FLOOR DEMOLITION PLAN

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





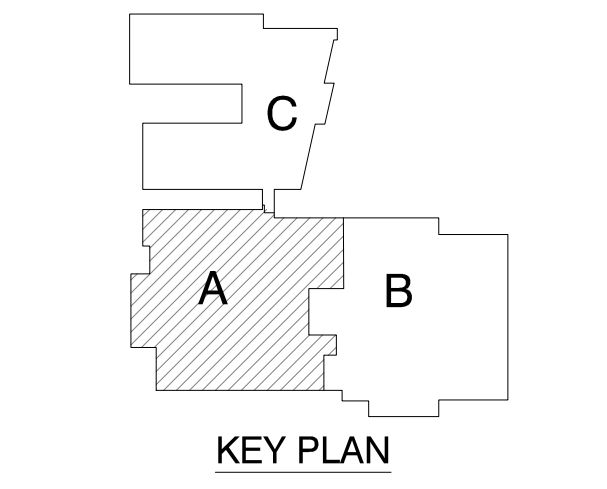
- ### GENERAL NOTES
- CIRCUIT ALL NORMAL LIGHTING FIXTURES TO PANEL xx UNLESS OTHERWISE NOTED.
 - SHADED FIXTURES, FIXTURES WITH EM TAGS AND EXIT SIGNS SHALL BE PROVIDED WITH AN EMERGENCY LIFE SAFETY POWER SOURCE.
 - EXIT SIGNS SHALL BE CONNECTED TO CIRCUIT INDICATED IN EMERGENCY LIFE SAFETY PANEL xx.
 - FIXTURES WITH A 'NL' TAG SHALL BE CONNECTED TO THE NIGHT LIGHT CIRCUIT INDICATED IN EMERGENCY LIFE SAFETY PANEL xx.
 - CIRCUIT TAGS WITH AN 'E' PREFIX SHOWN WITH A SWITCH LEG SHALL BE A SWITCHED EMERGENCY FIXTURE CONNECTED TO PANEL xx. THE FIXTURE SHALL BE PROVIDED WITH A UL924 RATED BYPASS DEVICE TO ALLOW THE FIXTURE TO BE CONTROLLED ALONG WITH THE NORMAL FIXTURES IN THE ROOM. UPON LOSS OF POWER, THE FIXTURE SHALL BE IMMEDIATELY POWERED TO 100% REGARDLESS OF SWITCH POSITION.
 - CIRCUIT ALL NORMAL EXTERIOR LIGHTING FIXTURES TO PANEL xx VIA TIMECLOCK, PHOTOCELL AND CONTACTORS.
 - EXTERIOR LIGHTING FIXTURES WITH AN 'E' PREFIX SHOWN SHALL BE ROUTED TO LIFE SAFETY PANEL 11 VIA TIMECLOCK, CONTACTORS, PHOTOCELL, AND UL924 BYPASS DEVICES AS REQUIRED TO ALLOW FIXTURE TO OPERATE AND SWITCH ALONG WITH ADJACENT NORMAL LIGHTING. UPON LOSS OF POWER, THE FIXTURE SHALL IMMEDIATELY POWERED TO 100% REGARDLESS OF SWITCH POSITION.
 - EMERGENCY SENSING LEADS SHALL BE CONNECTED TO CONSTANT HOT FEEDS FROM NORMAL LIGHTING IN ROOM. THIS FEED SHALL BE TAKEN AHEAD OF ANY EMERGENCY SHUTDOWNS, RELAYS, CONTACTORS OR SWITCHES.
 - REFER TO ARCHITECTURAL REFLECTED CEILING PLAN FOR EXACT LOCATION OF ALL CEILING MOUNTED LIGHT FIXTURES.
 - ROUTE CONDUIT AS TIGHT TO THE EXPOSED CEILING AND STRUCTURE AS POSSIBLE TO MAXIMIZE CEILING SPACE.
 - VERIFY TEACHING SURFACE WITH OWNER'S REPRESENTATIVE IN FIELD PRIOR TO INSTALLATION AND ADJUST SWITCHING TO PROPERLY ILLUMINATE TEACHING SURFACE. CAREFULLY COORDINATE FINAL SWITCHING WITH FINAL FURNITURE PLANS AND TEACHING WALL LOCATIONS.

- ### SHEET NOTES
- RECONNECT NEW LIGHTING FIXTURES IN THIS SPACE TO EXISTING LIGHTING CIRCUITRY AND NEW SWITCHING DEVICES COMPLETE AS REQUIRED. MAXIMUM 4400V PER 211 VOLT CIRCUIT. WHERE NECESSARY, DUE TO LIMITATIONS IN THE EXISTING CIRCUITRY, THIS CONTRACTOR SHALL FURNISH AND INSTALL 20A-1 POLE CIRCUIT BREAKERS AS REQUIRED IN EXISTING SPACE OF EXISTING PANEL, AND EXTEND 2 #2 AND 1 #2 GND IN 3/4" CONDUIT COMPLETE AS REQUIRED. VERIFY CONDITIONS AND REQUIREMENTS IN FIELD.
 - RECONNECT NEW EMERGENCY LIGHTING FIXTURES TO EXISTING EMERGENCY LIGHTING CIRCUITRY AND NEW SWITCHING DEVICES COMPLETE AS REQUIRED. MAXIMUM 4400V PER 211 VOLT CIRCUIT. PROVIDE UL924 RELAY DEVICE AS REQUIRED TO ACCOMPLISH REQUIRED EMERGENCY SWITCHING. WHERE NECESSARY, DUE TO LIMITATIONS IN THE EXISTING CIRCUITRY, THIS CONTRACTOR SHALL FURNISH AND INSTALL 20A-1 POLE CIRCUIT BREAKERS AS REQUIRED IN EXISTING SPACE OF EXISTING PANEL, AND EXTEND 2 #2 AND 1 #2 GND IN 3/4" CONDUIT COMPLETE AS REQUIRED. VERIFY CONDITIONS AND REQUIREMENTS IN FIELD.
 - RECONNECT NEW EXIT SIGN LIGHTING FIXTURES TO EXISTING EXIT SIGN EMERGENCY LIGHTING CIRCUITRY COMPLETE AS REQUIRED. MAXIMUM 4400V PER 211 VOLT CIRCUIT. WHERE NECESSARY, DUE TO LIMITATIONS IN THE EXISTING CIRCUITRY, THIS CONTRACTOR SHALL FURNISH AND INSTALL 20A-1 POLE CIRCUIT BREAKERS AS REQUIRED IN EXISTING SPACE OF EXISTING PANEL, AND EXTEND 2 #2 AND 1 #2 GND IN 3/4" CONDUIT COMPLETE AS REQUIRED. VERIFY CONDITIONS AND REQUIREMENTS IN FIELD.
 - REINSTALL EXISTING LIGHTING TEMPORARILY REMOVED TO PERMIT NEW CEILING REPLACEMENT. UTILIZE EXISTING NORMAL AND EMERGENCY LIGHTING BRANCH CIRCUITS ORIGINALLY SERVING THIS AREA.



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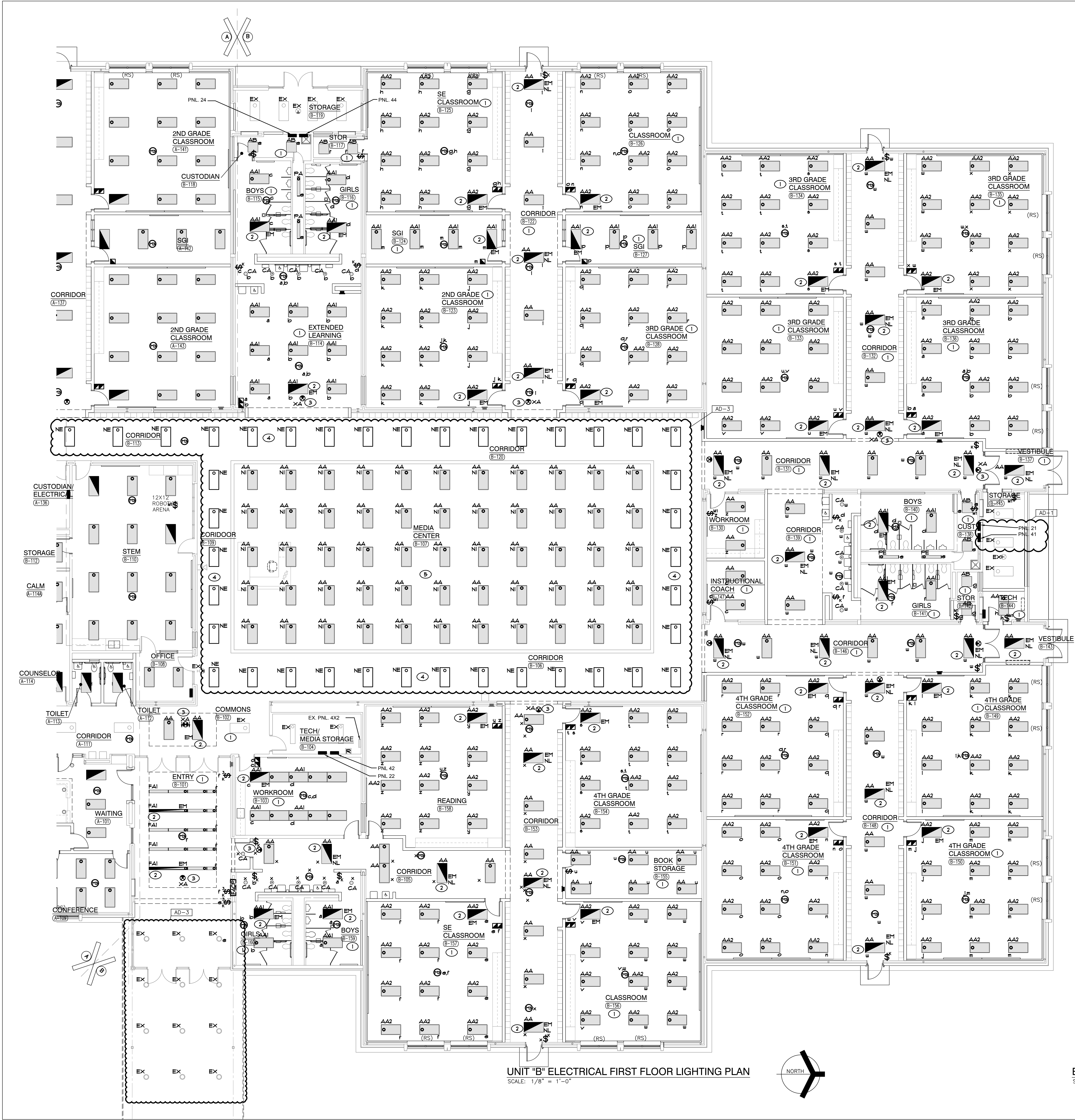
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DRAWING
**UNIT "A" ELECTRICAL
FIRST FLOOR LIGHTING
PLAN**

PROJECT
LIBERTY ES - RENOVATIONS

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UNIT "A" ELECTRICAL FIRST FLOOR LIGHTING PLAN
SCALE: 1/8" = 1'-0"



UNIT "B" ELECTRICAL FIRST FLOOR LIGHTING PLAN
SCALE: 1/8" = 1'-0"

GENERAL NOTES

1. CIRCUIT ALL NORMAL LIGHTING FIXTURES TO PANEL xx UNLESS OTHERWISE NOTED.
2. SHADED FIXTURES, FIXTURES WITH "EM" TAGS AND EXIT SIGNS SHALL BE PROVIDED WITH AN EMERGENCY LIFE SAFETY POWER SOURCE.
3. EXIT SIGNS SHALL BE CONNECTED TO CIRCUIT INDICATED IN EMERGENCY LIFE SAFETY PANEL xx.
4. FIXTURES WITH A "NL" TAG SHALL BE CONNECTED TO THE NIGHT LIGHT CIRCUIT INDICATED IN EMERGENCY LIFE SAFETY PANEL xx.
5. CIRCUIT TAGS WITH AN "E" PREFIX SHOWN WITH A SWITCH LEG SHALL BE A SWITCHED EMERGENCY FIXTURE CONNECTED TO PANEL xx. THE FIXTURE SHALL BE PROVIDED WITH A UL924 RATED BYPASS DEVICE TO ALLOW THE FIXTURE TO BE CONTROLLED ALONG WITH THE NORMAL FIXTURES IN THE ROOM. UPON LOSS OF POWER, THE FIXTURE SHALL BE IMMEDIATELY POWERED TO 100% REGARDLESS OF SWITCH POSITION.
6. CIRCUIT ALL NORMAL EXTERIOR LIGHTING FIXTURES ACCORDING TO PANEL xx VIA TIMELOCK, PHOTOCELL AND CONTACTORS.
7. EXTERIOR LIGHTING FIXTURES WITH AN "E" PREFIX SHOWN SHALL BE ROUTED TO LIFE SAFETY PANEL 11 VIA TIMELOCK, CONTACTORS, PHOTOCELL, AND UL924 BYPASS DEVICES AS REQUIRED TO ALLOW FIXTURE TO OPERATE AND SWITCH ALONG WITH ADJACENT NORMAL LIGHTING. UPON LOSS OF POWER, THE FIXTURE SHALL BE IMMEDIATELY POWERED TO 100% REGARDLESS OF SWITCH POSITION.
8. EMERGENCY SENSING LEADS SHALL BE CONNECTED TO CONSTANT HOT FEEDS FROM NORMAL LIGHTING IN ROOM. THIS FEED SHALL BE TAKEN AHEAD OF ANY EMERGENCY SHUTDOWNS, RELAYS, CONTACTORS OR SWITCHES.
9. REFER TO ARCHITECTURAL REFLECTED CEILING PLAN FOR EXACT LOCATION OF ALL CEILING MOUNTED LIGHT FIXTURES.
10. ROUTE CONDUIT AS TIGHT TO THE EXPOSED CEILINGS AND STRUCTURE AS POSSIBLE TO MAXIMIZE CEILING SPACE.
11. VERIFY TEACHING SURFACE WITH OWNER'S REPRESENTATIVE IN FIELD PRIOR TO INSTALLATION AND ADJUST SWITCHING TO PROPERLY ILLUMINATE TEACHING SURFACE. CAREFULLY COORDINATE FINAL SWITCHING WITH FINAL FURNITURE PLANS AND TEACHING WALL LOCATIONS.

SHEET NOTES

1. RECONNECT NEW LIGHTING FIXTURES IN THIS SPACE TO EXISTING LIGHTING CIRCUITRY AND NEW SWITCHING DEVICES, COMPLETE AS REQUIRED. MAXIMUM 4400W PER 277V VOLT CIRCUIT. WHERE NECESSARY, DUE TO LIMITATIONS IN THE EXISTING CIRCUITRY, THIS CONTRACTOR SHALL FURNISH AND INSTALL 20A-1 POLE CIRCUIT BREAKERS AS REQUIRED IN EXISTING SPACE OF EXISTING PANEL, AND EXTEND 2 #2 AND 1 #2 GND IN 3/4" CONDUIT COMPLETE AS REQUIRED. VERIFY CONDITIONS AND REQUIREMENTS IN FIELD.
2. RECONNECT NEW EMERGENCY LIGHTING FIXTURES TO EXISTING EMERGENCY LIGHTING CIRCUITRY AND NEW SWITCHING DEVICES, COMPLETE AS REQUIRED. MAXIMUM 4400W PER 277V VOLT CIRCUIT. PROVIDE UL924 RELAY DEVICE AS REQUIRED TO ACCOMPLISH REQUIRED EMERGENCY SWITCHING, WHERE NECESSARY, DUE TO LIMITATIONS IN THE EXISTING CIRCUITRY, THIS CONTRACTOR SHALL FURNISH AND INSTALL 20A-1 POLE CIRCUIT BREAKERS AS REQUIRED IN EXISTING SPACE OF EXISTING PANEL, AND EXTEND 2 #2 AND 1 #2 GND IN 3/4" CONDUIT COMPLETE AS REQUIRED. VERIFY CONDITIONS AND REQUIREMENTS IN FIELD.
3. RECONNECT NEW EXIT SIGN LIGHTING FIXTURES TO EXISTING EXIT SIGN EMERGENCY LIGHTING CIRCUITRY COMPLETE AS REQUIRED. MAXIMUM 4400W PER 277V VOLT CIRCUIT. WHERE NECESSARY, DUE TO LIMITATIONS IN THE EXISTING CIRCUITRY, THIS CONTRACTOR SHALL FURNISH AND INSTALL 20A-1 POLE CIRCUIT BREAKERS AS REQUIRED IN EXISTING SPACE OF EXISTING PANEL, AND EXTEND 2 #2 AND 1 #2 GND IN 3/4" CONDUIT COMPLETE AS REQUIRED. VERIFY CONDITIONS AND REQUIREMENTS IN FIELD.
4. REINSTALL EXISTING LIGHTING TEMPORARILY REMOVED TO PERMIT NEW CEILING REPLACEMENT. UTILIZE EXISTING AND EMERGENCY LIGHTING BRANCH CIRCUITS ORIGINALLY SERVING THIS AREA.
5. PROVIDE AND INSTALL NEW FIXTURES AS INDICATED. WIRE NEW LIGHTING TO EXISTING LIGHTING BRANCH CIRCUITS ORIGINALLY SERVING THIS AREA FOR NORMAL AND EMERGENCY POWER, COMPLETE AS REQUIRED. PROVIDE NEW DIMMING CONTROL FOR FIXTURES WITHIN MEDIA CENTER.



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DRAWING
**UNIT "B" ELECTRICAL
FIRST FLOOR LIGHTING
PLAN**

PROJECT
LIBERTY ES - RENOVATIONS

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LIGHTING CONTROL SYSTEM NOTES

1. UNLESS NOTED OTHERWISE THE LIGHTING CONTROL SYSTEM SHALL BE A STAND ALONE SENSOR/SWITCH WIRED SYSTEM COMPLETE WITH OCCUPANCY SENSORS, POWER PLACKS, EMERGENCY ACCESSORIES ETC. SYSTEM TO BE PROVIDED WITH COMPONENTS AND ACCESSORIES AS REQUIRED TO PROVIDE FUNCTIONALITY PER THE CONTRACT DOCUMENTS.
2. LIGHTING CONTROL EQUIPMENT WILL BE CONSIDERED FROM THE FOLLOWING MANUFACTURERS: WATT STOPPER, LEVITON OR HUBBELL. CONTROLS, THE SUBMITTED LIGHTING CONTROL SYSTEM SHALL PROVIDE FULL LIGHTING CONTROL FUNCTIONALITY AS SPECIFIED.
3. BECAUSE OF DIFFERENCES BETWEEN MANUFACTURERS' DIAGRAMS SHOWN ARE DIAGRAMMATIC AND MAY NOT SUIT ALL PARTS AND ACCESSORIES REQUIRED. CONTRACTOR SHALL CORRELATE ALL REQUIREMENTS WITH LIGHTING CONTROL MANUFACTURERS AND CONTRACT DOCUMENTS. CONTRACTOR SHALL PROVIDE ALL PARTS AND ACCESSORIES REQUIRED FOR A COMPLETE AND PROPERLY OPERATING SYSTEM AS SHOWN ON CONTRACT DOCUMENTS. VERIFY ALL CONDITIONS AND REQUIREMENTS, COMPLETE AS REQUIRED.
4. NO EXTRAS SHALL BE ALLOWED AFTER BIDDING FOR NOT FULLY UNDERSTANDING THE SCOPE OF WORK INVOLVED OR TO FULLY ACCOMPLISH THE SWITCHING SCHEME SHOWN ON THE CONTRACT DOCUMENTS.
5. PROVIDE 12 HOURS OF FACTORY COMMISSIONING AND 6 HOURS FACTORY TRAINING FOR THE OWNER'S BUILDING STAFF.
6. UL924 BYPASS DEVICES SHALL BE PROVIDED FOR ALL FIXTURES WITH AN EMERGENCY SOURCE OF POWER THAT IS SWITCHED. THE UL924 BYPASS SHALL PROVIDE BYPASS FOR BOTH THE POWER AND CONTROL SIGNAL, COMPLETE AS REQUIRED.
7. ALL LOW VOLTAGE CABLEING SHALL BE PLENUM RATED, CABLEING ROUTED IN CONCEALED AREAS SHALL BE ROUTED NEATLY EXPOSED USING J-HOOKS. CABLEING LOCATED IN EXPOSED CEILING SHALL BE CONCEALED IN NEATLY ROUTED CONDUIT. LOW VOLTAGE CABLEING INSTALLATION SHALL FULLY MEET LOCAL CODE REQUIREMENTS.

LIGHTING FIXTURE GENERAL NOTES

1. INTERIOR FIXTURES, EXTERIOR FIXTURES AND POLE FINISHES AND COLORS TO BE SELECTED BY ARCHITECT. THE ARCHITECT MAY, AT THEIR DISCRETION, CHOOSE A CUSTOM COLOR AT NO ADDITIONAL CHARGE.
2. PENDANT FIXTURES SPECIFIED ON THIS PROJECT SHALL BE CAREFULLY COORDINATED WITH CONTRACT DOCUMENTS AND FIXTURE MANUFACTURER AS EACH PENDANT FIXTURE IS A CUSTOM MANUFACTURED FIXTURE. PROVIDE PENDANT EMERGENCY SECTIONS AND EMERGENCY CIRCUITS AS SHOWN. COORDINATE WITH FIXTURE MANUFACTURER AND PROVIDE ADDITIONAL ACCESSORIES FOR A COMPLETE AND PROPER INSTALLATION. PROVIDE PROPER FIXTURE LENGTH, FEEDS, SINGLE AND DUAL CIRCUITING AND SUSPENSION LENGTH AS SHOWN ON DRAWINGS. PROVIDE FABRICATION DRAWINGS FOR REVIEW AS PART OF THE SHOP DRAWING SUBMITTAL PROCESS.
3. SHADED FIXTURES SHALL HAVE AN EMERGENCY SOURCE OF POWER AS SPECIFIED.
4. EXTERIOR LIGHTING FIXTURES SHALL BE PROVIDED WITH STRAIGHT SQUARE ALUMINUM POLES WITH CAST BASE COVERS AND VIBRATION DAMPENERS. THE POLES SHALL BE SIZED PRELIMINARILY TO SUPPORT FIXTURE WEIGHT AT 100 MILES PER HOUR AND A 13 GUST FACTOR. MINIMUM POLE SIZE TO BE 5" SQUARE. PROVIDE ADDITIONAL MOUNTING ACCESSORIES AS REQUIRED FOR A COMPLETE AND PROPER INSTALLATION.
5. FOR EXTERIOR POLE MOUNTED LIGHTING, PROVIDE FACTORY MOUNTED HOUSE SIDE SHIELDS INTEGRAL TO THE FIXTURE AS SPECIFIED. ADDITIONALLY, PROVIDE CUSTOM FABRICATED POLE MOUNTED HOUSE SIDE SHIELDING AS REQUIRED TO CONTROL LIGHT TRESPASS AND COMPLY WITH LOCAL REQUIREMENTS.
6. CAREFULLY COORDINATE MOUNTING REQUIREMENTS FOR FIXTURES WITH CONTRACT DOCUMENTS AND FIXTURE MANUFACTURER. PROVIDE APPROPRIATE MOUNTING BRACKETS FOR LAT-IN OR GYPSUM CEILINGS. VERIFY CEILING REQUIREMENTS WITH FINAL ARCHITECTURAL REFLECTED CEILING PLAN.
7. VERIFY FIXTURE MOUNTING HEIGHTS WITH ARCHITECT PRIOR TO ROUGH-IN.
8. FOR FIXTURES INSTALLED IN CASEWORK, VERIFY FIXTURE FIT WITH CASEWORK SHOP DRAWINGS PRIOR TO ORDERING.
9. PROVIDE CUSTOM ANTI-SWAY BRACING FOR PENDANT TO ELIMINATE PENDANT MOVEMENT DUE TO AIR MOVEMENT OR ENVIRONMENTAL CAUSES.
10. COORDINATE LOCATIONS OF INTERIOR AND EXTERIOR LIGHTING FIXTURES WITH FINAL ARCHITECTURAL DRAWINGS. FIXTURES THAT ARE NOT INSTALLED IN THE CORRECT LOCATION SHALL BE RELOCATED AND REINSTALLED IN THE CORRECT LOCATION AT NO ADDITIONAL CHARGE.
11. FIXTURES SHALL BE PROVIDED WITH ESCUTCHEON PLATES AS REQUIRED TO COVER EXISTING HOLES FROM REMOVED FIXTURES. CANOPY CEILING AROUND NEW FIXTURES SHALL BE REFINISHED TO MATCH EXISTING SURROUNDING CANOPY CEILING SURFACES.
12. PROVIDE 5000K COLOR TEMPERATURE IN SPECIAL EDUCATION SPACES AS SPECIFIED.
13. FIXTURES SHALL BE CAREFULLY COORDINATED WITH MANUFACTURER TO DELIVER THE SPECIFIED PRODUCT IN SUFFICIENT TIME TO MEET PROJECT DEADLINES. EQUIPMENT DELIVERY LEAD TIME SHALL NOT BE HELD AS A VALID REASON FOR REQUESTING LUMINAIRE SUBSTITUTION UNLESS LUMINAIRE LEAD TIME FROM SPECIFIED MANUFACTURER IS IN EXCESS OF 14 WEEKS. IT SHALL BE THE SOLE RESPONSIBILITY OF THE ELECTRICAL CONTRACTOR TO DETERMINE NECESSARY EQUIPMENT LEAD TIMES, DELIVER SUBMITTALS FOR REVIEW IN A TIMELY FASHION, AND PLACE ORDERS ACCORDINGLY TO ENSURE TIMELY DELIVERY.
14. EVALUATION OF APPROVED EQUALS SHALL BE AT THE SOLE DISCRETION OF THE ARCHITECT AND ENGINEER. IF THE PRODUCT SUBMITTED DURING THE REVIEW PROCESS IS NOT JUDGED AS AN EQUAL BY THE REVIEWING ENGINEER, THE CONTRACTOR SHALL PROVIDE THE PRODUCT SPECIFIED.
15. CAREFULLY COORDINATE VOLTAGES OF FIXTURES PRIOR TO ORDERING FIXTURES.
16. APPROVED EQUALS WILL BE CONSIDERED FROM THE FOLLOWING VENDORS: KSA LIGHTING (630)307-6955, CHICAGO LIGHT WORKS (719)240-5030 OR PG ENLIGHTEN (847)2281193.
17. CAREFULLY VERIFY COLOR TEMPERATURE OF FIXTURES WITH ARCHITECT PRIOR TO ORDERING.

INTERIOR LIGHTING LUMINAIRE SCHEDULE									
TAG	SYMBOL	DESCRIPTION	MANUFACTURER SERIES OR CATALOG NUMBER	VOLTAGE/ BALLAST	LAMPS/CROSS SECTION	MOUNTING	REMARKS		
AA		2' X 4' LED DIRECT/INDIRECT FIXTURE	LITHONIA *BLT4-40L-ADP-GZL-LF840 COLUMBIA *LCAT24-40-LU-G-EDI-U DAY-BRITE *FGXG40L840-4-RS-UNV-DIM	MV VOLT 0-10V DIM -	LED 4000K MAX 32 W MIN 4000 LM	RECESSED LAY-IN	- - - - -		
AA1		2' X 4' LED DIRECT/INDIRECT FIXTURE	LITHONIA *BLT4-48L-ADP-GZL-LF840 COLUMBIA *LCAT24-40-ML-G-EDI-U DAY-BRITE *FGXG48L840-4-RS-UNV-DIM	MV VOLT 0-10V DIM -	LED 4000K MAX 38 W MIN 4800 LM	RECESSED LAY-IN	- - - - -		
AA2		2' X 4' LED DIRECT/INDIRECT FIXTURE	LITHONIA *BLT4-60L-ADP-GZL-LF840 COLUMBIA *LCAT24-40-VL-G-EDI-U DAY-BRITE *FGXG60L840-4-RS-UNV-DIM	MV VOLT 0-10V DIM -	LED 4000K MAX 48 W MIN 6000 LM	RECESSED LAY-IN	- - - - -		
AB		2' X 2' LED DIRECT/INDIRECT FIXTURE	LITHONIA *BLT2-48L-ADP-GZL-LF840 COLUMBIA *LCAT22-40-VL-G-EDI-U DAY-BRITE *FGXG48L840-2-RS-UNV-DIM	MV VOLT 0-10V DIM -	LED 4000K MAX 44 W MIN 4800 LM	RECESSED LAY-IN	- - - - -		
AB1		2' X 2' LED DIRECT/INDIRECT FIXTURE	LITHONIA *BLT2-40L-ADP-GZL-LF840 COLUMBIA *LCAT22-40-HL-G-EDI-U DAY-BRITE *FGXG40L840-2-RS-UNV-DIM	MV VOLT 0-10V DIM -	LED 4000K MAX 32 W MIN 4000 LM	RECESSED LAY-IN	- - - - -		AD-2
AC		2' X 4' LED LENSED KITCHEN TROFFER FIXTURE WITH INVERTED LENS AND TRIPLE GASKETING	LITHONIA *GTL4-88L-RS-AIBN-V-MVOLT-EDI-LF840-ABC COLUMBIA *LUT24 SERIES DAY-BRITE *CFI SERIES	MV VOLT 0-10V DIM -	LED 4000K CRI >85 MIN 8000 LM	RECESSED LAY-IN	- - - - -	-INVERTED LENS AND TRIPLE GASKETING	
CA		4' DIAMETER LED DOWNLIGHT WITH SEMI-SPECULAR ALZAR REFLECTOR (RIDESCENT FREE FINISH & WHITE FLANGE)	LITHONIA *L16L-60-10-15-L06-AE-L55-MVOLT-G210-XX PRESCOLITE *LTR-5L-BL-L-DIM / *LTR-6RD-1-5L-40K210 LIGHTOLIER *6RN / *26RDLB640UCDZ10U	MV VOLT 0-10V DIM -	LED 4000K MAX 18 W MIN 1500 LM	RECESSED LAY-IN DRYWALL	- - - - -	-VERIFY TRIM FINISH WITH ARCHITECT	AD-2
EE		EXTERIOR CANOPY LIGHT	HUBBELL *301-25-AKT-UNV-X OR APPROVED EQUAL	MV VOLT	LED 4000K MIN 3,000LM MAX 25W	SURFACE CANOPY	- - - - -	-VERIFY FINISH WITH ARCHITECT.	
FA		LINEAR LED FIXTURE FOR DISPLAY CABINETS WITH 45 DEG. EXTRUSION AND CONTINUOUS LENGTHS AS SHOWN	OSRAM *ARIS-CL-120-40K-XX-XX-X Q-TRAN *5024-50-DRY-40K / VEVE-FR ACOT-40K-80CRI-50-50-40 *FSUO WITH POWER SUPPLIES AND ALL ACCESSORIES AS REQUIRED	MV VOLT MLV DIM -	LED 4000K MAX 45W/FT MIN 440 LM/FT	SURFACE	- - - - -	-VERIFY FINISH WITH ARCHITECT -COORDINATE MOUNTING WITH CASINGWORK	
FA1		LED 4' WIDE CONTINUOUS LINEAR SLOT FIXTURE	MARK *5L4L-L0P-X-FLP-X-80CRI-40K-800LM-F-MIN VOLT NULITE *MGA-09-L40-UNV-D-X-X-FRF-XX- FINELITE *MF4-R-D-X-V-840-F-36LG-UNV- -8C-FG-10-X-FE-X	120/277 VOLT 0-10V DIM	LED 4000K MIN 800LM/FT MAX 8W/FT	RECESSED LAY-IN/ DRYWALL	- - - - -	-PROVIDE LENGTHS AS SHOWN ON DRAWINGS -VERIFY FINISH WITH ARCHITECT -COORDINATE EMERGENCY CIRCUITS AND SWITCHING WITH PLANS	
PA		4' LED INDUSTRIAL FIXTURE WITH WIREGUARD AND SAFETY CHAINS	LITHONIA *CLX-L48-1000LM-88F-PDL-MVOLT-G210-40K-80CRI-XX-XX COLUMBIA *MPS4-40V-FU-EDI-U-MPSUG4 DAY-BRITE *F584TOL840-UNV-DIM-F58UG4	MV VOLT 0-10V DIM -	LED 4000K CRI >85 MIN 10000 LM	"Y" CHAIN SUSPEND	- - - - -	-COORD LOCATIONS WITH DUCTWORK & PIPING	
PE		4' LED INDUSTRIAL FIXTURE WITH WIREGUARD AND SAFETY CHAINS	LITHONIA *CLX-L48-3000LM-88F-PDL-MVOLT-G210-40K-80CRI-XX-XX COLUMBIA *MPS4-40V-FU-EDI-U-MPSUG4 DAY-BRITE *F584TOL840-UNV-DIM-F58UG4	MV VOLT 0-10V DIM -	LED 4000K CRI >85 MIN 30000 LM	"Y" CHAIN SUSPEND	- - - - -	-COORD LOCATIONS WITH DUCTWORK & PIPING	
XA		SINGLE FACE EXIT AC ONLY	LITHONIA *LE-S-1-X-R-X DUAL-LITE *B5-D-R-X CHLORIDE *5BL-3-X-R	120 VOLT	LED MAX 3W -	CEILING/ WALL	- - -	-VERIFY FINISH WITH ARCHITECT -PROVIDE WITH ARROWS AS REQUIRED	
XB		DUAL FACE EXIT AC ONLY	LITHONIA *LE-S-2-X-R-X DUAL-LITE *B5-D-R-X CHLORIDE *5BL-3-X-R	120 VOLT	LED MAX 3W -	CEILING/ WALL	- - -	-VERIFY FINISH WITH ARCHITECT -PROVIDE WITH ARROWS AS REQUIRED	
XC		SINGLE FACE EXIT, AC ONLY, BLACK FINISH	LITHONIA *LE-S-1-X-R-X DUAL-LITE *B5-D-R-X CHLORIDE *5BL-3-X-R	120 VOLT	LED MAX 3W -	CEILING/ WALL	- - -	-VERIFY FINISH WITH ARCHITECT -PROVIDE WITH ARROWS AS REQUIRED	
EM		FIXTURE ON EMERGENCY LIFE SAFETY GENERATOR CIRCUIT WITH UL 824 BYPASSSES AS REQUIRED	-	MV VOLT	-	IN FIXTURE/ REMOTE	-		
NL		CONSTANT HOT, UNSWITCHED NIGHT LIGHT FIXTURE							

MECHANICAL EQUIPMENT CONNECTION SCHEDULE																		
TAG	DESCRIPTION	LOAD					MOCP	VOLT	PHASE	PANEL	CKT. NO.	FUSED SWITCH C/B	FEEDER		STARTER BY:		LOCATION	REMARKS
		WATTS	HP	MCA	FLA	AMPS							C	MC	EC			
C-1	ROOF MOUNTED AIR COOLED CHILLER WITH REMOTE INTERIOR BUNDLE	36315	-	438	-	-	600	480	3	MSB	-	600A/3P	(2) SETS OF 4 "350 4 1/4 GRD	3"	X	-	-	-
AH-3	INTERIOR AIR HANDLING UNIT - CHILLED WATER COOLING / HOT WATER HEATING	11418	-	14	-	-	20	480	3	MDP	-	20A/3P	4 "2 4 1/2 GRD	3/4"	X	-	-	-
RT-1	ROOF MOUNTED GAS FIRED / DX COOLING ROOFTOP UNIT-YAV	7474	-	9	-	-	15	480	3	MDP		15A/3P	4 "2 4 1/2 GRD	3/4"				
AC-1/CU-1	WALL MTD AC UNIT / ROOF MOUNTED CONDENSING UNIT	3952	-	19	-	-	26	208	1	FNL 41	-	25A/3P	3 "10 4 1/2 GRD	3/4"	-	X	-	-
GEF-1	ROOF MOUNTED GENERAL EXHAUST FAN- CONSTANT EXH REF EXH SYSTEM (BOILER ROOM A-128)	1176	1/2	-	-	-	-	120	1	2DL	-	20A/1P	2 "2 4 1 1/2 GRD	3/4"	-	X	-	-
GEF-2	ROOF MOUNTED GENERAL EXHAUST FAN - REFRIGERANT EXH SYSTEM (BOILER ROOM A-128)	1920	1	-	-	-	-	120	1	2DL	-	20A/1P	2 "2 4 1 1/2 GRD	3/4"	-	X	-	-
TEF-1	ROOF MOUNTED TOILET EXHAUST FAN	528	1/6	-	-	-	-	120	1	FNL 26	-	20A/1P	2 "2 4 1 1/2 GRD	3/4"	-	X	-	
CH-1	SEMI-RECESSED HOT WATER CABINET HEATER	96	-	-	-	0.8	-	120	1	FNL 41	-	20A/1P	2 "2 4 1 1/2 GRD	3/4"	-	X	-	
CH-2	CEILING MOUNTED HOT WATER CABINET HEATER	96	-	-	-	0.8	-	120	1	FNL 41	-	20A/1P	2 "2 4 1 1/2 GRD	3/4"	-	X	-	
CU-2	ROOF MOUNTED CONDENSING UNIT	6344	-	31	-	-	40	208	1	FNL 41	-	30A/2P	3 "8 4 1/2 GRD	3/4"				

TAG	DESCRIPTION	LOAD WATTS	HP	MOCp	VOLT	PHASE	PANEL	Ckt. NO.	FUSED SWITCH C/B	FEEDER		STARTED BY:		LOCATION	REMARKS
										CABLE	C	MC	EC		
CP-1	'BASE MOUNTED CHILLED WATER REGULATION PUMP (C-1)	9134	1 1/2	-	480	3	4D1	-	20A/3P	4 #2 4 1 #2 GND.	3/4"	-	-	-	-
CWP-1	BASE MOUNTED CHILLED WATER DISTRIBUTION PUMP	11626	10	-	480	3	4D1	-	25A/3P	4 #0 4 1 #0 GND	3/4"	-	-	-	-
CWP-2	BASE MOUNTED CHILLED WATER DISTRIBUTION PUMP	11626	10	-	480	3	4D1	-	25A/3P	4 #0 4 1 #0 GND	3/4"	-	-	-	-

