#### ADDENDUM NO. 7

**June 6, 2022** 

# LIBERTY INTERMEDIATE SCHOOL ADDITIONS AND 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 April 25, 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 7-1 through ADD 7-4 and attached Addendum No. 7 from Gibraltar Design dated June 6, 2022 and consisting of 5 pages and 75 drawings.

## A. <u>SPECIFICATION SECTION 00 10 00 – INDIANA INSTRUCTIONS TO BIDDERS</u>

#### 1. **Replace:**

- a. Specification Section 00 10 00 Paragraph 1.18 A with the following:
  - A. The Contractor shall commence work within ten (10) days after the effective date of the Contract, or when notified in writing to proceed, and shall complete the Work within the time limitations established in the Form of Agreement, these instructions to Bidders, and in Section 01 12 00 Multiple Contract Summary.
    - 1. It is anticipated that construction will start within **9** calendar days after receipt of bids.
    - 2. Construction shall be complete within <u>607</u> consecutive calendar days, or earlier, after Notice to Proceed.
    - 3. See Section 01 32 00 Schedules and Reports, for Guideline Project Schedule.

#### B. SPECIFICATION SECTION 00 31 00 - INDIANA BID FORM

#### a. **Replace**:

Specification Section 00 31 00 with the attached.

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

#### 1. **Replace:**

- a. Specification Section 01 12 00 Paragraph 1.16 A with the following:
  - A. The Contractor shall commence work within ten (10) days after being notified in writing to proceed and shall complete the Work within the time limitations established in the Form of Agreement.
    - 1. It is anticipated that construction will start within (9) calendar days after receipt of bids.
    - 2. Construction shall be complete within **(607)** consecutive calendar days, or earlier, after Notice to Proceed.

#### 2. BID CATEGORY NO. 1 - GENERAL TRADES

#### a. Replace:

#### Clarification No. 18:

Regarding Specification Section 07 21 13 — Board Insulation: The **Bid** Category No. 1 Contractor shall provide all Board Insulation at perimeter foundations walls in masonry cavity and Concrete Slab Insulation below cooler-freezer. The **Bid** Category No. 2 Contractor shall provide all other insulation in this specification.

#### Clarification No. 21:

Regarding Specification Section 05 50 00 Miscellaneous Metals; the **Bid** Category No. 1 Contractor is responsible to provide all embeds, anchor bolts, etc., to be built into unit masonry. The **Bid** Category No. 2 Contractor is responsible to provide all loose steel lintels not connected to structural steel.

#### 3. **BID CATEGORY NO. 2 - MASONRY**

#### a. Replace:

#### Clarification No. 5:

Regarding Specification Section 07 21 13 — Board Insulation: The **Bid** Category No. 1 Contractor shall provide all Board Insulation at perimeter foundations walls in masonry cavity and Concrete Slab Insulation below cooler-freezer. The **Bid** Category No. 2 Contractor shall provide all other insulation in this specification.

#### Clarification No. 3:

Regarding Specification Section 05 50 00 Miscellaneous Metals; the **Bid** Category No. 1 Contractor is responsible to provide all embeds, anchor bolts, etc., to be built into unit masonry. The **Bid** Category No. 2 Contractor is responsible to provide all loose steel lintels not connected to structural steel.

#### 4. **BID CATEGORY NO. 3 - ROOFING**

#### a. **Delete:**

Specification Section 07 21 13 Board Insulation (As Applicable)

Clarification No. 5

#### 5. **BID CATEGORY NO. 4 - GLAZING**

#### a. **Delete:**

Specification Section 08 91 00 Aluminum Wall Louvers

#### 6. <u>BID CATEGORY NO. 11 - FIRE PROTECTION</u>

#### a. Replace:

#### Clarification No. 4:

The **Bid Category No. 11 Contractor** shall provide flushing of the site fire main in accordance with NFPA requirements before making final connections. This work MUST be coordinated and scheduled with the School Administration to avoid any disruption to daily activities in the building.

#### 7. BID CATEGORY NO. 13 - MECHANICAL

a. **Delete:** 

Clarification No. 8

b. Add:

Specification Section 08 91 00 Aluminum Wall Louvers

#### D. <u>SPECIFICATION SECTION 01 23 00 - ALTERNATES</u>

a. **Replace**:

Specification Section 01 23 00 with the attached.

#### E. SPECIFICATION SECTION 01 32 00 - SCHEDULES AND REPORTS

#### 1. **Replace:**

- a. Specification Section 01 32 00b Guideline Schedule with the attached Guideline Schedule dated June 6, 2022.
- b. Specification Section 01 32 00c Phasing Plan with the attached Phasing Plan dated June 6, 2022.

#### F. SPECIFICATION SECTION 01 55 00 - ACCESS ROADS AND PARKING

#### 1. **Replace:**

a. Specification Section 01 55 00a SL-1 with the attached SL-1 (Site Logistics Plan) dated June 6, 2022.

#### CONTRACTOR'S BID FOR PUBLIC WORKS FORM NO. 96

Format (Revised 2013) (Amended for DSC)

# **Liberty Intermediate School Additions and 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 complete the public works project of:	offers to furnish labor and/or materials necessary to
Insert Catego	ory No. (s) and Name(s)
	ate School Additions and Renovations, in accordance Gibraltar Design, 9102 N. Meridian St., Ste. #300,
BASE BID	
For the sum of (Sum in words)	
	DOLLARS (\$

TSC 220190.01

(Sum in figures)

The undersigned acknowle Receipt of Addenda No. (s)	-	pt of the fo	ollowing A	ddenda:	
PROPOSAL TIME					
_	Bids may	be accepte	ed or rejecte	ed during thi	y (60) consecutive calendar s period. Bids not accepted ted.
Attended pre-bid conference	e	YES		NO	_
Has visited the jobsite		YES		NO	_
The Bidder has reviewed the Of the schedule can be met				n 01 32 00 a	
			•		nployees of the bidder who he requirements set in IC 4-
		YES		NO	_
The Skillman Corporation measure the active particip Disabled Individual-Owner provided full and equal oppositions.	oation of N ed Busines	Minority- (sses. The I	Owned, Wo Program is t	omen-Owned to ensure that	d, Veteran – Owned and at MWVDBEs are
Bidder has included:	DBE:	YES	%	NO	
	MBE:	YES	<u>%</u>	NO	
	WBE:	YES	%	NO	
	VBE:	YES	%	NO	
The undersigned further ag	rees to fu	rnish a bo	nd or certif	fied check w	vith this Bid for an amount

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 Contr	ols installed by Precision C	Control Sys	stems, Inc.
Change the Base Bid the sum of(sum in words)			
(cum in words)			ADD
	DOLLARS (\$(sum in :	) figures)	DEDUCT
Alternate Bid No. 2 – Bell & Gossett Pumps			
Change the Base Bid the sum of (sum in words)			
	DOLLARS (\$(sum in :		ADD DEDUCT
Alternate Bid No. 3 – Chemical Water Treatme	nt by H-O-H Chemicals		
Change the Base Bid the sum of			
(sum in words)	DOLLARS (\$	)	ADD DEDUCT
	(sum in	figures)	

#### Alternate Bid No. 4 – Notifier Fire Alarm System

(sum in words)		
		ADD
	DOLLARS (\$)	DEDUCT
	(sum in figures)	
Alternate Bid No. 5 – Camus Boilers		
Change the Base Bid the sum of(sum in words)		
(built in words)		ADD
	DOLLARS (\$) (sum in figures)	DEDUCT
Alternate Bid No. 6 – Square D Electrical Distrib	ution Equipment	
Change the Base Bid the sum of (sum in words)		
		ADD
	DOLLARS (\$) (sum in figures)	DEDUCT
Alternate Bid No. 7 – Luxury Vinyl Tile LVT1 an	nd Accent Color LVT2	
Change the Base Bid the sum of		
(sum in words)		
	DOLLARS (A	ADD
	DOLLARS (\$) (sum in figures)	DEDUCT
Alternate Bid No. 8 – New natural gas generator	<u>set</u>	
Change the Base Bid the sum of		
(sum in words)		
		ADD
	DOLLARS (\$) (sum in figures)	DEDUCT
	(sum in figures)	

#### **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?why?	_If so, where and
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 require 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)
		VLEDGEME	ENT
STATE OF	)		
COUNTY OF	)		
Before me, a Notary Pul	blic, personally appear	red the above	re-named
Swore that the statemen	ts contained in the for	egoing docu	ament are true and correct.
Subscribed and sworn to	before me this	d	day of,
(Title)			
	Notary Public		
My Commission Expire	s:		
County of Residence:			

END OF SECTION 00 31 00

#### **SECTION 01 23 00 - ALTERNATES**

#### 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. <u>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.</u>
- B. <u>ALTERNATE NO. 2: State the cost to provide hydronic pumps manufactured by Bell & Gossett if not already included in your Base Bid.</u>
- C. <u>ALTERNATE NO. 3: State the cost to provide Chemical Water Treatment by H-O-H Chemicals if not already included in your Base Bid.</u>
- D. <u>ALTERNATE NO. 4: State the cost to provide a Fire Alarm System manufactured by Notifier if not already included in your Base Bid.</u>
- E. <u>ALTERNATE NO. 5: State the cost to provide Boilers manufactured by Camus if not already included in your Base Bid.</u>
- F. <u>ALTERNATE NO. 6: State the cost to provide Electrical Distribution Equipment manufactured by Square D if not already included in your Base Bid.</u>

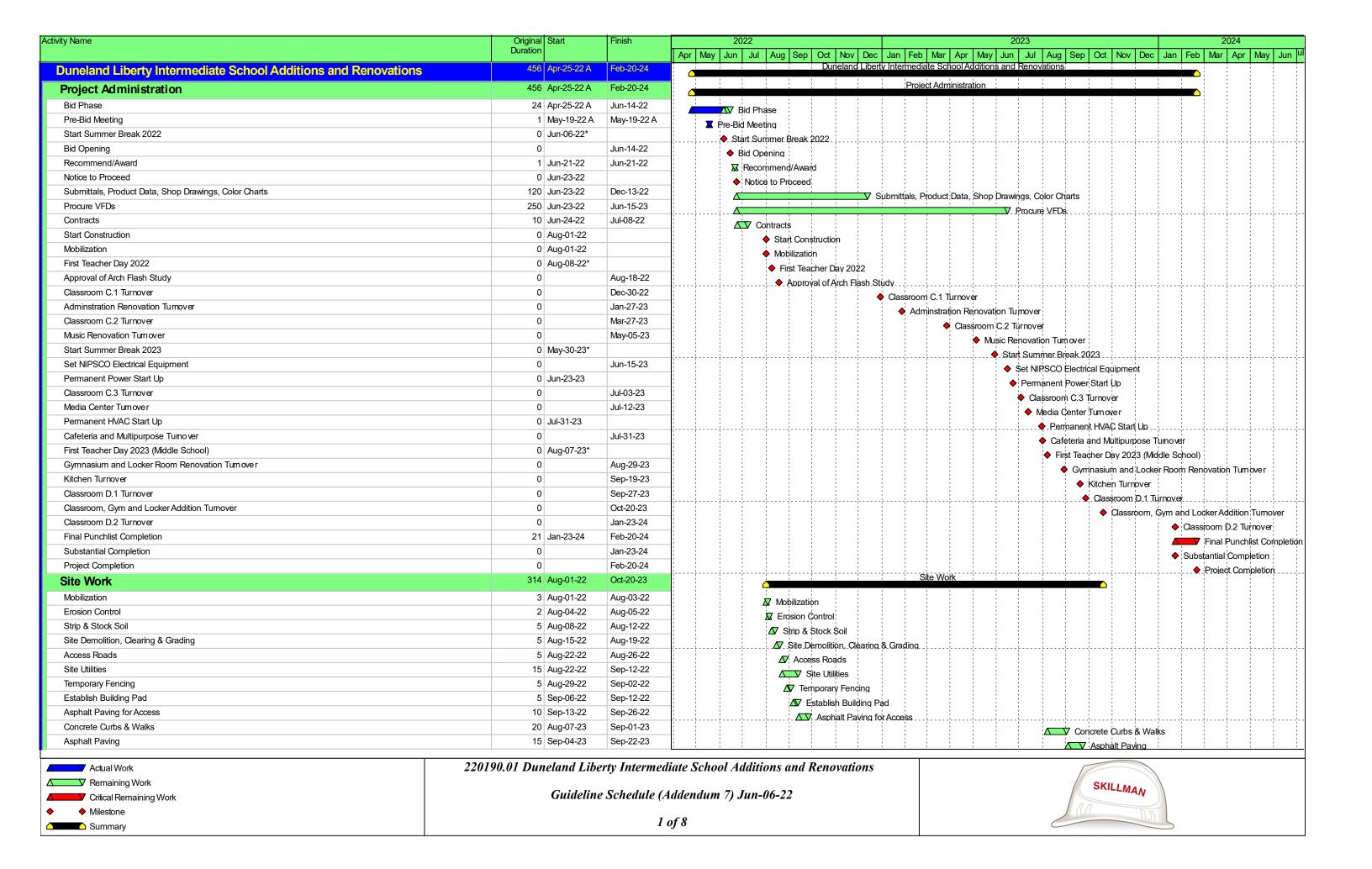
TSC 220190.01 Alternates 01 23 00-1

- G. <u>ALTERNATE NO. 7: State the cost to provide Luxury Vinyl Tile LVT1 as FIELD and Luxury Vinyl Tile LVT2 as ACCENT as shown on the contract documents.</u>
- H. <u>ALTERNATE NO. 8: State the cost to provide a new natural gas generator set per the contract documents.</u>

<u>PART 2 - PRODUCTS</u>, <u>PART 3 - EXECUTION</u> (Not Used)

END OF SECTION 01 23 00

TSC 220190.01 Alternates 01 23 00-2



Activity Name	Original Start	Finish	2022	2023 2024
	Duration		Apr May Jun Jul Aug Sep Oct Nov Dec Jan	Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec Jan Feb Mar Apr May Jun
Final Grading	10 Sep-25-23	Oct-06-23		△▼ Final Grading
Landcaping	10 Oct-09-23	Oct-20-23		AV landcaping
Building Core & Shell	229 Sep-13-22	Aug-04-23		ing Core & Shell
Classroom, Gym and Locker Addition (Unit G, H & J)	229 Sep-13-22	Aug-04-23	Classroom, Gyrn and	Locker Addition (Unit G. H & J)
Concrete Footings	20 Sep-13-22	Oct-10-22	✓ Concrete Footings	
CMU Foundations	15 Oct-04-22	Oct-24-22	△ ✓ CMU Foundations	
Structural Steel & Framing	30 Jan-27-23	Mar-09-23	Z Civio Foundations	Structural Steel & Framing
Exterior CMU	15 Mar-10-23	Mar-30-23		Structural Steel & Flaming  A V Exterior CMU
Exterior Stud Framing & Sheathing	15 Mar-10-23	Mar-30-23		△ ✓ Exterior Stud Framing & Sheathing
Roofing	20 Mar-10-23	Apr-06-23		
Face Brick	25 Mar-31-23	May-04-23		✓ Roofing
Exterior Entrances	15 Apr-07-23	Apr-27-23		Face Brick
Exterior Windows	15 May-05-23	May-25-23		△ ✓ Exterior Entrances
EIFS	20 Jul-10-23	Aug-04-23		Exterior Windows
Interior Build Out	391 Aug-01-22	Feb-06-24		Interior Build Out EIFS
Classroom, Gym and Locker Addition (Unit G, H & J)	254 Oct-25-22	Oct-20-23	Classroot	m. Gym and Locker Addition (Unit G, H & J)
Underground Utilities	15 Nov-22-22	Dec-14-22	<mark>-</mark>	
Slab on Grade	15 Nov-22-22 15 Dec-15-22	Jan-06-23	<b>△</b> Underg	
			Slε	ab on Grade
Interior CMU Walls	15 Mar-31-23	Apr-20-23	-	Δ□∇ Interior CMU Walls
Interior Metal Stud Framing	20 Mar-31-23	Apr-27-23		Interior Metal Stud Framing
In-Wall Electrical Rough-ins	20 Mar-31-23	Apr-27-23	-	ΔΟ In-Wall Electrical Rough-ins
Ductwork Days II & Tara	25 Apr-07-23	May-11-23	-	△ V Ductwork
Drywall & Tape	25 Apr-28-23	Jun-01-23		Drywall & Tape
Overhead Mechanical Piping	20 May-12-23	Jun-08-23	-	Overhead Mechanical Piping
Overhead Plumbing Piping	20 May-12-23	Jun-08-23		Overhead Plumbing Piping
Overhead Electrical/Technology Rough-ins	20 May-12-23	Jun-08-23		Overhead Electrical/Technology Rough-ins
Painting	25 Jun-02-23	Jul-07-23		Δ Painting
Ceilings	20 Jul-10-23	Aug-04-23		✓ Ceilings
Light Fixures	20 Jul-10-23	Aug-04-23		△ Light Fixures
Diffusers and Grilles	20 Jul-10-23	Aug-04-23		△ Diffusers and Grilles
Technology and Sound Equipment	20 Jul-10-23	Aug-04-23		△ Technology and Sound Equipment
Casework	20 Aug-07-23	Sep-01-23		△ ✓ Casework
Markerboards and Tackboards		Aug-25-23		Markerboards and Tackboards
Unit Ventilators	15 Aug-07-23	Aug-25-23		△ V Unit Ventilators
Plumbing Fixtures	5 Sep-04-23	Sep-08-23		<b>∕</b> Plumbing Fixtures
Flooring	25 Sep-04-23	Oct-06-23		<b>△</b> Flooring
Doors and Hardware	25 Sep-04-23	Oct-06-23		Restrooms Doors and Hardware
Restrooms	189 Nov-08-22 10 Nov-08-22	Aug-04-23	ļ	· · · · · · · · · · · · · · · · · · ·
Underground Utilites		Nov-21-22	Underground	
Slab on Grade	5 Nov-22-22	Nov-30-22	△ Slab on G	rade
Plumbing Rough-ins	10 Mar-31-23	Apr-13-23	-	Δ∇ Plumbing Rough-ins
Interior CMU Walls	15 Apr-14-23	May-04-23		Interior CMU Walls
Painting	10 May-05-23	May-18-23	-	△▽ Painting
Wall Tile	15 May-19-23	Jun-08-23		<b>△</b> Wall Tile
Ceilings	10 Jun-09-23	Jun-22-23		<b>△▽</b> Ceilings
Light Fixtures	10 Jun-09-23	Jun-22-23		△□ Light Fixtures
Diffusers and Grilles	10 Jun-09-23	Jun-22-23		Diffusers and Grilles
Plumbing Fixtures	10 Jun-23-23	Jul-07-23		AV Plumbing Fixtures
Actual Work	220190.01 Duneland Libe	rty Intermed	liate School Additions and Renovations	
Remaining Work				SKILLMAN
Critical Remaining Work	Guideline	Schedule (A	Addendum 7) Jun-06-22	INAN
♦ Milestone				) an In
Summary		2	of 8	

Activity Name	Original Start	Finish	2022 2023 2024
	Duration		Apr May Jun Jul Aug Sep Oct Nov Dec Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec Jan Feb Mar Apr May Jun III
Flooring	10 Jul-10-23	Jul-21-23	Flooring
Toilet Partitions	5 Jul-24-23	Jul-28-23	
Toilet Accessories	5 Jul-31-23	Aug-04-23	△ Toilet Accessories
Locker Rooms/Gymnasium	254 Oct-25-22	Oct-20-23	Lacker Rooms/Gymnasium
Underground Utilities	10 Oct-25-22	Nov-07-22	△▽ Underground Utilities
Slab on Grade	15 Nov-08-22	Nov-30-22	Slab on Grade
Plumbing Rough-ins	10 Apr-14-23	Apr-27-23	△▼ Slab of Grade
Interior CMU Walls	20 Apr-28-23	May-25-23	A → Fluthbling Roughans  A → ✓ Interior CMU Walls
Ductwork	25 May-12-23	-	
Overhead Fire Protection	15 Jun-16-23	Jul-07-23	Ductwork
Overhead Electrical Rough-ins	15 Jun-16-23	Jul-07-23	△ ✓ Overhead Fire Protection
Painting	20 Jul-10-23	Aug-04-23	Overhead Electrical Rough-ins
Wall Tile	10 Jul-24-23	Aug-04-23	
Light Fixtures	20 Jul-24-23	Aug-18-23	— A Wall Tile
Ceilings	10 Jul-24-23	Aug-04-23	Light Fixtures
Technology and Sound Equipment	10 Jul-24-23	Aug-04-23	
Athletic Equipment	10 Jul-24-23 10 Aug-07-23		Technology and Sound Equipment
Plumbing Fixtures	10 Aug-07-23		Athletic Equipment
-			Plumbing Fixtures
Benches and Lockers	15 Aug-07-23	Aug-25-23	Benches and Lockers
Doors and Hardware	5 Aug-07-23		
Toilet Partitions	10 Aug-21-23		Toilet Partitions
Athletic Wood Floor	25 Aug-21-23	·	Δ Athletic Wood Floor
Toilet Accessories	10 Sep-04-23	· .	
Flooring	15 Sep-25-23		Flooring
Telescoping Bleachers	20 Sep-25-23		Telescoping Bleachers
Mechanical/Electrical Rooms	130 Apr-21-23	Oct-20-23	Mechanical/Electrical Rooms
Concrete Equipment Pads	10 Apr-21-23	May-04-23	△ Concrete Equipment Pads
Set Equipment	10 May-05-23	May-18-23	Şet Equipment
Electrical Distribution Equipment	10 May-05-23		Electrical Distribution Equipment
Ductwork	15 May-19-23		Ductwork
Electrical Rough-ins	15 May-19-23		Electrical Rough-ins
Mechanical Piping	20 Jun-09-23	Jul-07-23	Mechanical Piping
Piping Insulation	15 Jul-10-23	Jul-28-23	Piping Insulation
Temperature Controls	60 Jul-31-23	Oct-20-23	Temperature Controls
Administration	129 Aug-08-22	Feb-09-23	Administration
Demolition	10 Aug-08-22		Demolition
Underground Utilities and Floor Patch	15 Aug-22-22	Sep-12-22	✓ Underground Utilities and Floor Patch
Metal Stud Framing	15 Sep-13-22	Oct-03-22	△ ✓ Metal Stud Framing
Ductwork	15 Sep-13-22	Oct-03-22	
In-Wall Electrical Rough-Ins	15 Sep-13-22	Oct-03-22	△ In-Wall Electrical Rough-Ins
Overhead Piping	15 Oct-04-22	Oct-24-22	Overhead Piping
Overhead Electrical and Technology Feeds	15 Oct-04-22	Oct-24-22	Overhead Electrical and Technology Feeds
Drywall and Tape	15 Oct-04-22	Oct-24-22	Drywall and Tape
Painting	15 Oct-25-22	Nov-14-22	△ ✓ Painting
Ceilings	10 Nov-15-22	Nov-30-22	△ Ceilings
Light Fixtures	10 Nov-15-22	Nov-30-22	△ Cellings.
Diffusers and Grilles	10 Nov-15-22	Nov-30-22	Light Fixtures  Diffusers and Grilles
Casework and Millwork	5 Dec-01-22		△ ✓ Diriusers and Grilles  △ ✓ Casework and Millwork
			U ' ' ' ' ' ' ' ' ' ' ' ' ' ' ' ' ' ' '
Actual Work  Remaining Work	220190.01 Duneland L	iberty Intermed	diate School Additions and Renovations

Remaining Work

Critical Remaining Work

Milestone

Summary

Guideline Schedule (Addendum 7) Jun-06-22



Plumbing Fixtures Toilet Accessories Wall Coverings Flooring Doors and Hardware Set Air Handling Unit Interior CMU Walls Media Center Demolition Perimeter Metal Stud Walls and Drywall Temp Power & Technology Ductwork Overhead Piping Overhead Electrical and Technology Feeds	Duration  5 Dec-08-22  5 Dec-15-22  10 Dec-22-22  15 Jan-09-23  5 Jan-13-23  15 Jan-20-23  242 Aug-01-22  5 Aug-01-22  5 Aug-01-22	Dec-14-22 Dec-21-22 Jan-06-23 Jan-27-23 Jan-13-23 Jan-19-23 Feb-09-23 Jul-12-23	Apr May Jun Jul Aug Sep Oct Nov Dec Jan Feb Mar Apr May Jun Jul Aug Sep Oct No
Toilet Accessories  Wall Coverings  Flooring  Doors and Hardware  Set Air Handling Unit  Interior CMU Walls  Media Center  Demolition  Perimeter Metal Stud Walls and Drywall  Temp Power & Technology  Ductwork  Overhead Piping  Overhead Electrical and Technology Feeds	5 Dec-15-22 10 Dec-22-22 15 Jan-09-23 5 Jan-13-23 5 Jan-20-23 242 Aug-01-22 5 Aug-01-22	Dec-21-22 Jan-06-23 Jan-27-23 Jan-13-23 Jan-19-23 Feb-09-23	
Wall Coverings  Flooring  Doors and Hardware  Set Air Handling Unit  Interior CMU Walls  Media Center  Demolition  Perimeter Metal Stud Walls and Drywall  Temp Power & Technology  Ductwork  Overhead Piping  Overhead Electrical and Technology Feeds	10 Dec-22-22 15 Jan-09-23 5 Jan-09-23 5 Jan-13-23 15 Jan-20-23 242 Aug-01-22 5 Aug-01-22	Jan-06-23 Jan-27-23 Jan-13-23 Jan-19-23 Feb-09-23	
Flooring  Doors and Hardware  Set Air Handling Unit  Interior CMU Walls  Media Center  Demolition  Perimeter Metal Stud Walls and Drywall  Temp Power & Technology  Ductwork  Overhead Piping  Overhead Electrical and Technology Feeds	15 Jan-09-23 5 Jan-09-23 5 Jan-13-23 15 Jan-20-23 242 Aug-01-22 5 Aug-01-22	Jan-27-23 Jan-13-23 Jan-19-23 Feb-09-23	△▼ Wall Coverings
Doors and Hardware  Set Air Handling Unit  Interior CMU Walls  Media Center  Demolition  Perimeter Metal Stud Walls and Drywall  Temp Power & Technology  Ductwork  Overhead Piping  Overhead Electrical and Technology Feeds	5 Jan-09-23 5 Jan-13-23 15 Jan-20-23 242 Aug-01-22 5 Aug-01-22	Jan-13-23 Jan-19-23 Feb-09-23	
Set Air Handling Unit Interior CMU Walls  Media Center  Demolition  Perimeter Metal Stud Walls and Drywall  Temp Power & Technology  Ductwork  Overhead Piping  Overhead Electrical and Technology Feeds	5 Jan-13-23 15 Jan-20-23 242 Aug-01-22 5 Aug-01-22	Jan-19-23 Feb-09-23	
Interior CMU Walls  Media Center  Demolition  Perimeter Metal Stud Walls and Drywall  Temp Power & Technology  Ductwork  Overhead Piping  Overhead Electrical and Technology Feeds	15 Jan-20-23 242 Aug-01-22 5 Aug-01-22	Feb-09-23	Doors and Hardware
Media Center  Demolition  Perimeter Metal Stud Walls and Drywall  Temp Power & Technology  Ductwork  Overhead Piping  Overhead Electrical and Technology Feeds	242 Aug-01-22 5 Aug-01-22		△▼ Set Air Handling Uhit
Demolition Perimeter Metal Stud Walls and Drywall Temp Power & Technology Ductwork Overhead Piping Overhead Electrical and Technology Feeds	5 Aug-01-22	Jul 12.22	
Perimeter Metal Stud Walls and Drywall Temp Power & Technology Ductwork Overhead Piping Overhead Electrical and Technology Feeds		Jul-12-23	Media Center  Media Center
Temp Power & Technology  Ductwork  Overhead Piping  Overhead Electrical and Technology Feeds	5 Δυα-Ω1-22	Aug-05-22	△ Demolition
Ductwork  Overhead Piping  Overhead Electrical and Technology Feeds	0 / Aug-01-22	Aug-05-22	☑ Perimeter Metal Stud Walls and Drywall
Overhead Piping Overhead Electrical and Technology Feeds	5 Aug-01-22	Aug-05-22	✓ Ferrin Power & Technology
Overhead Electrical and Technology Feeds	10 Aug-11-22	Aug-24-22	Ductwork
Overhead Electrical and Technology Feeds	10 Aug-16-22	Aug-29-22	
<u>.                                    </u>	10 Aug-16-22	Aug-29-22	Overhead Piping
Metal Stud Framing	10 May-30-23	Jun-12-23	Overhead Electrical and Technology Feeds
In-Wall Electrical Rough-Ins	10 May-30-23	Jun-12-23	Δ∑V Metal Stud Framing
Drywall and Tape	10 Jun-01-23	Jun-14-23	△▼ In-Wall Electrical Rough-Ins
Painting	5 Jun-15-23	Jun-21-23	Δ▼ Drywall and Tape
Ceilings	10 Jun-19-23	Jun-30-23	Δ <b>∇</b> Painting
Light Fixtures	10 Jun-19-23	Jun-30-23	∆\(\sigma\) Ceilings
Diffusers and Grilles	10 Jun-19-23	Jun-30-23	∆V Light Fixtures
Casework and Milwork	5 Jun-22-23	Jun-28-23	△▼ Diffusers and Grilles
Flooring	10 Jun-28-23	Jul-12-23	Casework and Millwork
Plumbing Fixtures	3 Jun-29-23	Jul-03-23	Flooring F
Toilet Accessories	3 Jul-05-23	Jul-07-23	△ Plumbing Fixtures
Doors and Hardware	5 Jul-05-23	Jul-11-23	☑ Toilet Accessories
Classroom C.1	95 Aug-22-22	Jan-06-23	Classroom C.1
Demolition	5 Aug-22-22	Aug-26-22	
Underground Utilities and Floor Patch	5 Aug-29-22	Sep-02-22	<b>△</b> Demolition
Metal Stud Framing	10 Sep-06-22	Sep-02-22 Sep-19-22	△ Underground Utilities and Floor Patch
Ductwork	10 Sep-06-22	Sep-19-22	/△──V Metal Stud Framing
In-Wall Electrical Rough-Ins	10 Sep-06-22	Sep-19-22 Sep-19-22	<b>△</b> Ductwork
Overhead Piping	10 Sep-00-22 10 Sep-20-22	Oct-03-22	△▽ Jn-Wall Electrical Rough-Ins
			Δ. V Overhead Piping
Overhead Electrical and Technology Feeds	10 Sep-20-22	Oct-03-22	Overhead Electrical and Technology Feeds
Drywall and Tape	10 Sep-20-22	Oct 17 22	ΔΥ Drywall and Tape
Painting Set Unit Ventilators	10 Oct-04-22	Oct 24 22	Δ. Σ Painting
	5 Oct-18-22	Oct-24-22	Set Unit Ventilators
Ceilings	10 Oct-25-22	Nov-07-22	△▼ Ceilings
Light Fixtures	10 Oct-25-22	Nov-07-22	△ Light Fixtures
Diffusers and Grilles	10 Oct-25-22	Nov-07-22	△     Diffusers and Grilles
Casework and Milwork	10 Nov-08-22	Nov-21-22	Casework and Millwork
Plumbing Fixtures	5 Nov-22-22	Nov-30-22	△▼ Plumbing Fixtures
Toilet Accessories	5 Dec-01-22	Dec-07-22	/ Toilet Accessories
Flooring	15 Dec-08-22	Dec-29-22	√ Flooring
Doors and Hardware	5 Dec-08-22	Dec-14-22	/∆ Doors and Hardware
Owner Turn over	5 Dec-30-22	Jan-06-23	△N Owner Turnover Music/Band
Music/Band	105 Jan-09-23	Jun-02-23	iyusid parid
Demolition	10 Jan-09-23	Jan-20-23	A  ✓ Demolition

Actual Work

Remaining Work

Critical Remaining Work

Milestone

Summary

220190.01 Duneland Liberty Intermediate School Additions and Renovations

Guideline Schedule (Addendum 7) Jun-06-22



Processor   Proc	Activity Name	Original Start Duration	Finish	2022 2023 2024					
Methods   Meth				Apr May Jun Jul Aug Sep Oct Nov Dec Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec Jan Feb Mar Apr May Jun I					
Meth Barfe Strong	· · · · · · · · · · · · · · · · · · ·	10 Jan-23-23	Feb-03-23	△▼ Underground Utilities and Floor Patch					
Datable   19   19   19   19   19   19   19   1	Metal Stud Framing	10 Feb-06-23	Feb-17-23						
Tright   Control Plants   Control Plan	Ductwork	10 Feb-06-23	Feb-17-23						
Commiss   Person   10   1990/200   100	In-Wall Electrical Rough-Ins	10 Feb-06-23	Feb-17-23						
Control and Part   Control and	Overhead Piping	10 Feb-20-23	Mar-03-23						
Dynamic   Taylor   Dynamic   Dynam	Overhead Electrical and Technology Feeds	10 Feb-20-23	Mar-03-23						
Parting	Drywall and Tape	10 Feb-20-23	Mar-03-23						
Carrier	Painting	10 Mar-06-23	Mar-17-23						
Light Flaters	Ceilings	10 Mar-20-23	Mar-31-23						
Common and Grane	Light Fixtures	10 Mar-20-23	Mar-31-23						
Concentration   Contentration   Contentratio	Diffusers and Grilles	10 Mar-20-23	Mar-31-23						
Marchester and Technology   Marchester   M	Casework and Millwork	10 Apr-03-23	Apr-14-23						
April   Apri	Markerboards and Tackboards		•						
Flooring   15   Port   25			· ·						
Dots and Nettown									
Restrocos		·							
Defending   Defe									
Section   Sect									
Putting Rough-ins   10   Feb-27-25   Abc-10-26   Inferior CAU Valle   12   Interior CAU Valle   12   Interior CAU Valle   13   Interior CAU Valle   14   Interior CAU Valle   15   Interior CAU Valle									
Meter CAU Walte									
Marithe   10   Marit   12   March   12   M									
Mail Table									
College									
Diffusion of College									
Diffusers and Gilles         11 April 23 April 24 A	<u> </u>								
Pumbing Fedures									
Flooring									
Toilel Partitions		·	•	□ Dumbind Fixtures					
Totel Accessories			-						
Classroom C.2		-							
Demolition		-		Classroom C 2 AT Toillet Accessories					
Underground Utilities and Floor Patch         5         Jan-16-23         Jan-20-23         Jan-	111 11			Cassioni C.2.					
Metal Stud Framing         5         Jan-23-23         Jan-27-23         An Investment of Uniters and Floor Patent           Duckork         10         Jan-23-23         Jan-27-23         Mate 15 but Framing         Mate 16 but Framing         <									
Ductwork         10         Jan-23-23         Feb-03-23         A West Study Flaming.           In-Wall Electrical Rough-Ins         5         Jan-23-23				☑ Underground Utilities and Floor, Patch					
In-Wall Electrical Rough-Ins	<u> </u>								
Overhead Piping         5 Feb-0e-23         Feb-10-23         Investigation of the policy o				Ductwork					
Overhead Electrical and Technology Feeds         5         Feb-06-23         Feb-10-23         So Overhead Electrical and Technology Feeds           Drywall and Tape         5         Feb-06-23         Feb-10-23         So Overhead Electrical and Technology Feeds           Painting         5         Feb-06-23         Feb-17-23         So Overhead Electrical and Technology Feeds           Cellings         5         Feb-17-23         Feb-17-23         So Overhead Electrical and Technology Feeds           Cellings         5         Feb-20-23         Feb-24-23         So Overhead Electrical and Technology Feeds           Cellings         5         Feb-20-23         Feb-24-23         So Overhead Electrical and Technology Feeds           Cellings         6         Feb-20-23         Feb-24-23         So Overhead Electrical and Technology Feeds           Dival Interpretation         5         Feb-20-23         Feb-24-23         So Cellings           Diffusers and Grilles         5         Feb-20-23         Feb-24-23         So Cellings           Set Unit Ventilators         5         Feb-20-23         Feb-24-23         So Diffusers and Grilles           Set Unit Ventilators         5         Feb-20-23         Mar-06-23         Mar-06-23         Mar-02-23           Flooring         5         Mar-06-23				□ In-Wall Electrical Rough-Ins					
Drywall and Tape         5 Feb-06-23         Feb-10-23         Seb-10-23         Seb-10-23         Seb-17-23         Seb-24-23				Overhead Piping					
Drywall and Tape         5         Feb-06-23         Feb-10-23         Feb-10-23         Feb-17-23         Ø Drywall and Tape           Painting         5         Feb-17-23         Feb-17-23         Ø Painting         Ø Painting <td< td=""><td></td><td></td><td></td><td>✓ Overhead Electrical and Technology Feeds</td></td<>				✓ Overhead Electrical and Technology Feeds					
Ceilings         5         Feb-20-23         Feb-24-23         Feb-24-23         SP Failting           Light Fixtures         5         Feb-20-23         Feb-24-23         SP Catght Fixtures         SP Catght Fixtures           Diffusers and Grilles         5         Feb-20-23         Feb-24-23         SP Catght Fixtures           Set Unit Ventilators         5         Feb-20-23         Feb-24-23         SP Diffusers and Grilles           Casework and Milwork         5         Feb-27-23         Mar-03-23         Set Unit Ventilators         Set Unit Ventilators           Plumbing Fixtures         5         Mar-06-23         Mar-10-23         Mar-10-23         Set Unit Ventilators         Set Unit Ventilators           Toilet Accessories         5         Mar-17-23         Mar-17-23         Mar-17-23         Mar-17-23         Mar-24-23         Set Unit Ventilators         Set									
Ceilings         5 Feb-20-23         Feb-24-23         Image: Ceilings of Elings of E	<u> </u>								
Light Fixtures         5 Feb-20-23         Mar-00-23									
Diffusers and Grilles       5       Feb-20-23       Feb-24-23         Set Unit Ventilators       5       Feb-20-23       Feb-24-23         Casework and Milwork       5       Feb-27-23       Mar-03-23         Plumbing Fixtures       5       Mar-06-23       Mar-10-23         Toilet Accessories       5       Mar-17-23       Mar-17-23         Flooring       5       Mar-20-23       Mar-24-23				<b>△</b> ▼ Light Fixtures					
Set Unit Ventilators         5 Feb-20-23         Feb-24-23         Image: Set Unit Ventilators         Set Unit Ventilators           Casework and Millwork         5 Feb-27-23         Mar-03-23         Image: Casework and Millwork         Image: Casework and Millwork<	Diffusers and Grilles	5 Feb-20-23							
Casework and Millwork         5 Feb-27-23 Mar-03-23         Mar-03-23         Image: Casework and Millwork Mar-04 Millwork Mar-04-23         Image: Casework and Millwork Millwork Mar-04-23         Image: Casework and Millwork Millwork Millwork Mar-04-23         Image: Casework and Millwork Millwork Millwork Millwork Mar-04-23         Image: Casework and Millwork Millwork Millwork Millwork Mar-04-23         Image: Casework and Millwork Mar-04-23         Image: Casework and Millwork Millwo	Set Unit Ventilators		Feb-24-23						
Plumbing Fixtures         5 Mar-06-23 Mar-10-23         Mar-10-23 Mar-17-23         ✓ Plumbing Fixtures         ✓ Plumbing Fixtures           Toilet Accessories         5 Mar-13-23 Mar-17-23         Mar-24-23         ✓ Toilet Accessories         ✓ Flooring	Casework and Millwork	5 Feb-27-23	Mar-03-23						
Toilet Accessories         5 Mar-13-23 Mar-17-23         Mar-17-23           Flooring         5 Mar-20-23 Mar-24-23         Mar-24-23	Plumbing Fixtures	5 Mar-06-23	Mar-10-23						
Flooring 5 Mar-20-23 Mar-24-23 🔊 🔊 Flooring	Toilet Accessories	5 Mar-13-23	Mar-17-23						
	Flooring	5 Mar-20-23	Mar-24-23						
		220100 01 D 1 17 11							

Actual Work

☐ V Remaining Work

☐ Critical Remaining Work

☐ Milestone

☐ Summary

220190.01 Duneland Liberty Intermediate School Additions and Renovations

Guideline Schedule (Addendum 7) Jun-06-22



Activity Name	Original Start	Finish	2022 2023 2024
	Duration		Apr May Jun Jul Aug Sep Oct Nov Dec Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec Jan Feb Mar Apr May Jun U
Doors and Hardware	5 Mar-20-23	Mar-24-23	
Owner Turnover	5 Mar-27-23	Mar-31-23	△▼ Owner Turn over Classroom C.3
Classroom C.3	70 Apr-03-23	Jul-10-23	Classroom C.3
Demolition	5 Apr-03-23	Apr-07-23	<b>△</b> ▼ Demolitign
Underground Utilities and Floor Patch	10 Apr-10-23	Apr-21-23	△▼ Underground Utilities and Floor Patch
Metal Stud Framing	5 Apr-24-23	Apr-28-23	△ Metal Stud Framing
Ductwork	10 Apr-24-23	May-05-23	△▼ Ductwork
In-Wall Electrical Rough-Ins	5 Apr-24-23	Apr-28-23	
Overhead Piping	10 May-08-23	May-19-23	△▼ Overhead Piping
Overhead Electrical and Technology Feeds	10 May-08-23	May-19-23	△▼ Overhead Electrical and Technology Feeds
Drywall and Tape	5 May-08-23	May-12-23	△ Drywall and Tape
Painting	5 May-15-23	May-19-23	△ Painting
Set Unit Ventilators	5 May-22-23	May-26-23	△ Calitung  △ Set Unit Ventilators
Ceilings	5 May-29-23	Jun-02-23	Set of the vertifiators  Δ▼ Ceilings
Light Fixtures	5 May-29-23	Jun-02-23	
Diffusers and Grilles	5 May-29-23	Jun-02-23	△▼ Light Fixtures
Casework and Millwork	5 Jun-05-23	Jun-09-23	
Plumbing Fixtures	5 Jun-12-23	Jun-16-23	
Toilet Accessories	5 Jun-19-23	Jun-23-23	Ø Plumbing Fixtures
Flooring	5 Jun-26-23	Jun-30-23	
Doors and Hardware	5 Jun-26-23	Jun-30-23	
Owner Turn over	5 Jul-03-23	Jul-10-23	
Cafeteria/Multi Purpose	44 May-30-23	Jul-31-23	A\ Owner Turn over Cafe <u>teria/Multi Pu</u> rpose
Demolition	5 May-30-23	Jun-05-23	
Underground Utilities and Floor Patch	10 Jun-06-23	Jun-19-23	
Terrazzo	15 Jun-06-23	Jun-26-23	Underground Utilities and Floor Patch
Metal Stud Framing	5 Jun-15-23	Jun-21-23	
In-Wall Electrical Rough-Ins	5 Jun-15-23	Jun-21-23	Metal Stud Framing
Ductwork	5 Jun-20-23	Jun-26-23	In-Wall Electrical Rough-Ins
Overhead Piping	5 Jun-20-23	Jun-26-23	
Overhead Electrical and Technology Feeds	5 Jun-20-23	Jun-26-23	
Interior CMU Walls	10 Jun-20-23	Jul-03-23	
Drywall and Tape	5 Jun-22-23	Jun-28-23	Interior Cl∕llU Walls
			Drywall and Tape
Painting	10 Jun-29-23	Jul-13-23	Painting
Ceilings Light Fixtures	8 Jul-06-23 8 Jul-06-23	Jul-17-23 Jul-17-23	Çeiling\$
Diffusers and Grilles	8 Jul-06-23	Jul-17-23 Jul-17-23	
Casework and Milwork	5 Jul-18-23	Jul-17-23 Jul-24-23	△▼ Þiffusers and Grilles
P			
Plumbing Fixtures	5 Jul-18-23	Jul-24-23	Plumbing Fixtures
Toilet Partitions and Accessories	10 Jul-18-23	Jul-31-23	Toilet Partitions and Accessories
Acoustical Wall Panels	5 Jul-18-23	Jul-24-23	Acoustical Wall Panels
Flooring	10 Jul-18-23	Jul-31-23	Floqring
Doors and Hardware	5 Jul-25-23	Jul-31-23	Doors and Hardware Kitchen
Kitchen	80 May-30-23	Sep-19-23	NICLIEI CONTRACTOR CON
Demolition Demolition	5 May-30-23	Jun-05-23	Demolition
Underground Utilities and Floor Patch	10 Jun-06-23	Jun-19-23	Underground Utilities and Floor Patch
Metal Stud Framing	5 Jun-20-23	Jun-26-23	Metal Stud Framing
Ductwork and Kitchen Hood	10 Jun-20-23	Jul-03-23	Ductwork and Kitchen Hood
Actual Work	220190 01 Dungland Lib	orty Intorm	diate School Additions and Renovations

Actual Work

Remaining Work

Critical Remaining Work

Milestone

Summary

220190.01 Duneland Liberty Intermediate School Additions and Renovations

Guideline Schedule (Addendum 7) Jun-06-22



Activity Name	Original Start Duration	Finish	2022 2023 2024
			Apr May Jun Jul Aug Sep Oct Nov Dec Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec Jan Feb Mar Apr May Jun Jul
In-Wall Electrical Rough-Ins	5 Jun-20-23	Jun-26-23	In-Wall Electrical Rough⊦Ins
Interior CMU Walls	10 Jun-20-23	Jul-03-23	Δ Interior CMU Walls
Overhead Piping	5 Jul-05-23	Jul-11-23	Ø Overhead Piping
Overhead Electrical and Technology Feeds	5 Jul-05-23	Jul-11-23	△▼ Overhead Electrical and Technology Feeds
Drywall and Tape	5 Jul-05-23	Jul-11-23	Ø Drywall and Tape
Set Cooler/Freezer	5 Jul-05-23	Jul-11-23	A  Set Cooler/Freezer
Painting	5 Jul-12-23	Jul-18-23	<b>∆</b> ▼ Painting
Ceilings	5 Jul-19-23	Jul-25-23	
Light Fixtures	5 Jul-19-23	Jul-25-23	<b>∆</b> Light Fixtures
Diffusers and Grilles	5 Jul-19-23	Jul-25-23	△ Diffusers and Grilles
Casework and Millwork	5 Jul-26-23	Aug-01-23	△▼ Casework and Millwork
Plumbing Fixtures	5 Aug-02-23	Aug-08-23	△ Plumbing Fixtures
Toilet Accessories	5 Aug-09-23	Aug-15-23	∆ Toilet Accessories.
Flooring	15 Aug-16-23	Sep-05-23	A V Flooring
Doors and Hardware	5 Aug-16-23	Aug-22-23	△ → Flooring  Δ▼ Doors and Hardware
Kichen Equipment	10 Sep-06-23	Sep-19-23	
Gymnasium and Locker Room Renovation	65 May-30-23	Aug-29-23	Gymnasium and Locker Room Renovation
Demolition	10 May-30-23	Jun-12-23	<mark>-</mark>
Underground Utilities and Floor Patch	10 Jun-13-23	Jun-26-23	□ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □
Plumbing Rough-ins	10 Jun-27-23	Jul-11-23	
Ductwork	15 Jun-27-23	Jul-18-23	— Plumbing Rough-ins
Interior CMU Walls	10 Jul-05-23	Jul-18-23	Ductwork
Overhead Fire Protection	10 Jul-05-23	Jul-18-23	Interior CMU Walls
Overhead Electrical Rough-ins	10 Jul-05-23	Jul-18-23	Overhead Fire Protection
Painting	10 Jul-19-23	Aug-01-23	Overhead Electrical Rough-ins
Wall Tile	10 Jul-19-23	Aug-01-23	— Painting
Light Fixtures	10 Jul-19-23	Aug-01-23	Wall Tile
Ceilings	10 Jul-19-23	Aug-01-23	Light Fixtures
Technology and Sound Equipment	10 Jul-19-23	Aug-01-23	
Telescoping Bleachers	20 Jul-19-23	Aug-15-23	Technology and Sound Equipment
Athletic Equipment	5 Aug-02-23	Aug-08-23	Telescoping Bleachers
Plumbing Fixtures	10 Aug-02-23	Aug-15-23	Athletic Equipment
Benches and Lockers	10 Aug-02-23	Aug-15-23	— Plumbing Fixtures
Doors and Hardware	5 Aug-02-23	Aug-13-23 Aug-08-23	Benches and Lockers.
Flooring	15 Aug-02-23	Aug-00-23 Aug-22-23	Doors and Hardware
Toilet Partitions	10 Aug-16-23	Aug-22-23 Aug-29-23	—
Toilet Accessories	10 Aug-16-23	Aug-29-23 Aug-29-23	
Classroom D.1	90 May-30-23	Oct-03-23	Classroom D:1
Demolition	10 May-30-23	Jun-12-23	<del></del>
Underground Utilities and Floor Patch	10 Way-30-23	Jun-26-23	Demolition
Metal Stud Framing	10 Jun-13-23	Jul-11-23	Underground Utilities and Floor Patch
Ductwork	10 Jun-27-23	Jul-11-23 Jul-11-23	Metal Stud Framing
In-Wall Electrical Rough-Ins	10 Jun-27-23	Jul-11-23 Jul-11-23	Ductwork
<u> </u>			
Overhead Piping	10 Jul-12-23	Jul-25-23	
Overhead Electrical and Technology Feeds	10 Jul-12-23	Jul-25-23	Overhead Electrical and Technology Feeds
Drywall and Tape	10 Jul-12-23	Jul-25-23	Drywall and Tape
Painting	10 Jul-26-23	Aug-08-23	Painting
Set Unit Ventilators	5 Aug-09-23	Aug-15-23	Set Unit Ventilators
Actual Work	220100 01 D	T	ediate School Additions and Renovations

Actual Work

☐ V Remaining Work

☐ Critical Remaining Work

☐ Milestone
☐ Summary

220190.01 Duneland Liberty Intermediate School Additions and Renovations

Guideline Schedule (Addendum 7) Jun-06-22



Activity Name	Original Start	Finish	2022					2023		2024
	Duration		Apr May Jun Jul	I Aug Sep Oct	Nov Dec	Jan Feb Mar A	or May	Jun Jul Aug Sep Oct Nov Dec	Jan Feb M	Mar Apr May Jun
Ceilings	5 Aug-16-23	Aug-22-23						Ceilings		
Light Fixtures	5 Aug-16-23	Aug-22-23						△ Light Fixtures		
Diffusers and Grilles	5 Aug-16-23	Aug-22-23						△ Diffusers and Grilles		
Casework and Millwork	5 Aug-23-23	Aug-29-23						Casework and Millwork		
Plumbing Fixtures	5 Aug-30-23	Sep-05-23						Plumbing Fixtures		
Toilet Accessories	5 Sep-06-23	Sep-12-23						Toilet Accessories		
Wall Coverings	5 Sep-13-23	Sep-19-23						<b>■</b> Wall Coverings		
Flooring	5 Sep-20-23	Sep-26-23						Flooring		
Doors and Hardware	5 Sep-20-23	Sep-26-23						△ Doors and Hard	vare	
Owner Turn over	5 Sep-27-23	Oct-03-23							The state of the s	
Classroom D.2	90 Oct-04-23	Feb-06-24						Owner Turnove Classroom	D.2	
Demolition	10 Oct-04-23	Oct-17-23						Demolition		
Underground Utilities and Floor Patch	5 Oct-18-23	Oct-24-23							i nd Utilities and F	Floor Patch
Metal Stud Framing	10 Oct-25-23	Nov-07-23						Metal S	1 7 1	ioon atom
Ductwork	10 Oct-25-23	Nov-07-23						Ductwo	i i i i	
In-Wall Electrical Rough-Ins	5 Oct-25-23	Oct-31-23			† <u>-</u>				ectrical Rough-Ir	ne '
Overhead Piping	10 Nov-08-23	Nov-21-23							ectical rough-inead Piping	113
Overhead Electrical and Technology Feeds	10 Nov-08-23	Nov-21-23							1 1 1	and Technology Feeds
Drywall and Tape	10 Nov-08-23	Nov-21-23							all and Tape	and recimology reeds
Painting	10 Nov-22-23	Dec-05-23						P:	1 1 1	
Set Unit Ventilators	5 Dec-06-23	Dec-12-23			† <u>}</u>				Set Unit Ventilato	
Ceilings	10 Dec-13-23	Dec-26-23							Ceilings	JIS .
Light Fixtures	5 Dec-13-23	Dec-19-23							Light Fixtures	
Diffusers and Grilles	5 Dec-13-23	Dec-19-23							Diffusers and G	rillon .
Casework and Millwork	5 Dec-27-23	Jan-02-24							Casework an	1 1 1
Plumbing Fixtures	5 Jan-03-24	Jan-09-24		·¦¦;	<del> </del>				Plumbing F	
Toilet Accessories	4 Jan-10-24	Jan-15-24							Toilet Acce	1 1 1
Wall Coverings	4 Jan-10-24	Jan-15-24							■ Wall Cove	i i i
Flooring	5 Jan-16-24	Jan-22-24							Flooring	!!!!!
Doors and Hardware	5 Jan-16-24	Jan-22-24							1 1 1	nd Hardware
Owner Turn over	5 Jan-23-24	Jan-29-24			† <u></u>				Owner	
Restrooms	75 Oct-25-23	Feb-06-24						Restro	oms	runtover
Underground Utilites	5 Oct-25-23	Oct-31-23						<b>△</b> Undergro	und I Itilites	
Slab on Grade	5 Nov-01-23	Nov-07-23						✓ Slab on	1 1 1	
Plumbing Rough-ins	10 Nov-08-23	Nov-21-23							bing Rough-ins	
Interior CMU Walls	10 Nov-15-23	Nov-28-23							nor CMU Walls	
Painting	10 Nov-22-23	Dec-05-23						Pa	i i i	
Wall Tile	15 Dec-06-23	Dec-26-23							Wall Tile	
Ceilings	10 Dec-20-23	Jan-02-24							Ceilings	
Light Fixtures	10 Dec-20-23	Jan-02-24							Light Fixture:	ie.
Diffusers and Grilles	10 Dec-20-23	Jan-02-24							Diffusers and	1 1 1
Plumbing Fixtures	10 Jan-03-24	Jan-16-24							Plumbing	1 1 1
Flooring	10 Jan-17-24	Jan-30-24							Flooring	
Toilet Partitions	5 Jan-31-24	Feb-06-24							Toilet	** i i i
			10 1 1 1	1 1 1	1 1 1	1 1 1			· a rollet	FAUDOUS 1

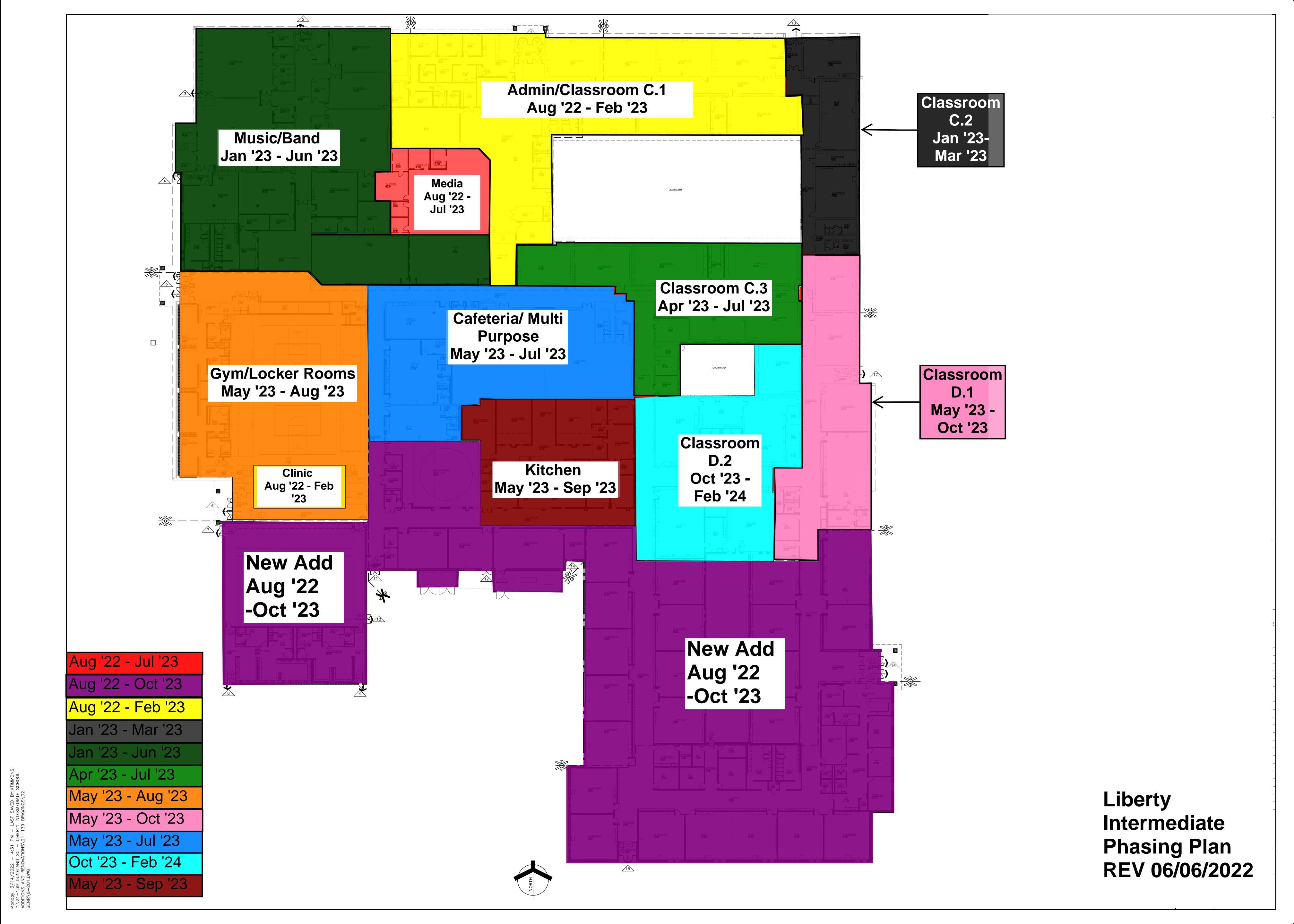


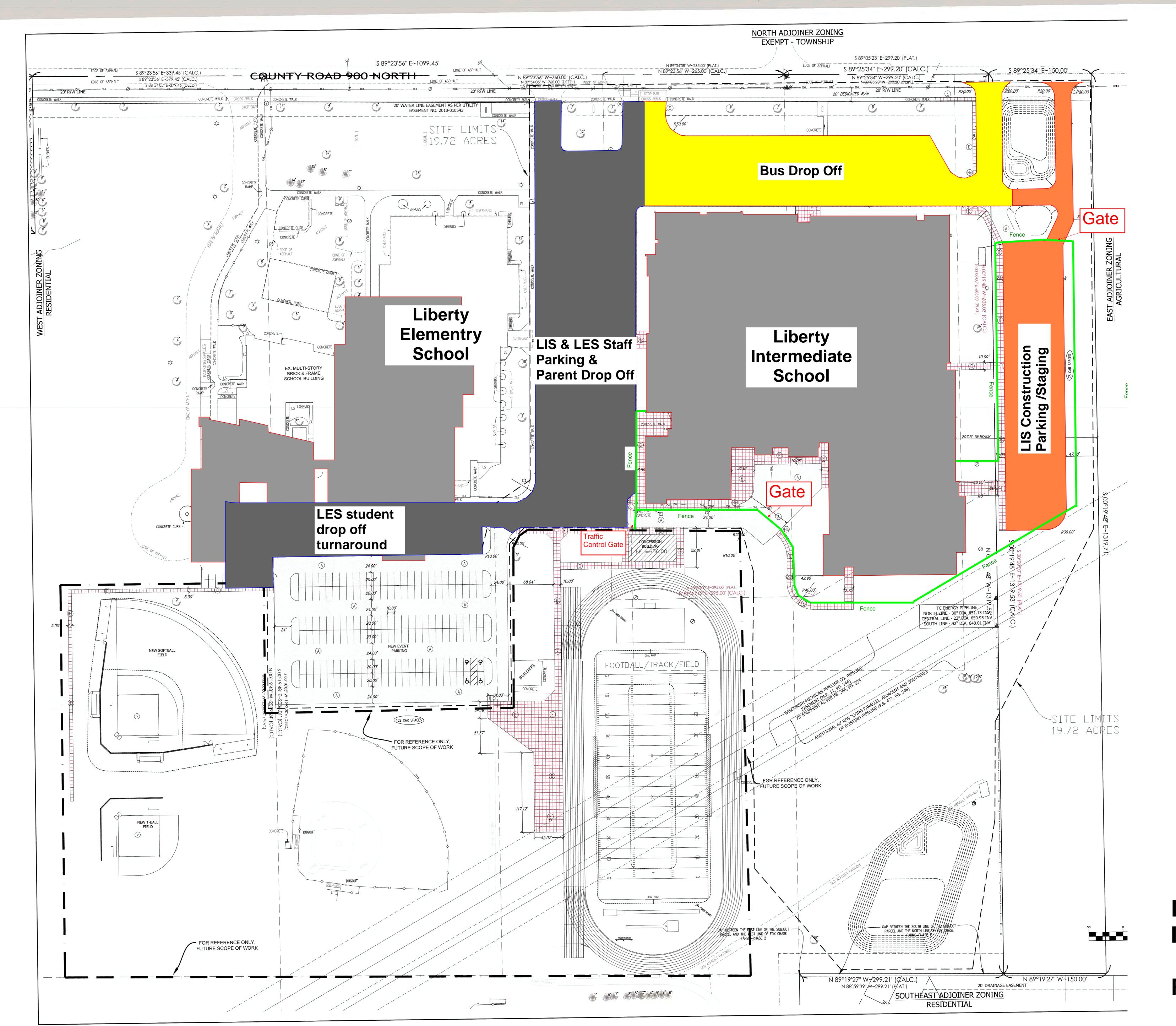
220190.01 Duneland Liberty Intermediate School Additions and Renovations

Guideline Schedule (Addendum 7) Jun-06-22

8 of 8







Liberty
Intermediate (SL-1)
Site Logistics
Rev 5/27/2022



#### ADDENDUM SEVEN

**Addendum Seven (AD.07)** to the drawings and specifications prepared by Gibraltar Design for **Liberty Intermediate School Additions and 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, Addendum Two, Addendum Three, Addendum Four, Addendum Five and Addendum Six, and include the appropriate content of same within their bid proposal.

#### **SPECIFICATIONS**

- 1. Specification Section 07 42 44 Composite Metal Panels
  - A. Delete Paragraph 2.4 B.3.b in its entirety.
- 2. Specification Section 08 14 16 Wood Doors
  - A. Paragraph 2.3 C. 1 revise to read:
    - "1 3/4 inches thick, STC rating of 44."
- 3. Specification Section 08 91 00 Aluminum Wall Louvers
  - A. Pottorff, Fort Worth, Texas is hereby approved to bid Louvers, Model EFD 437 for this project. All requirements of the Drawings and Specifications shall be met, including the color selections.
- 4. Specification Section 12 66 00 Folding Bleachers
  - A. Paragraph 2.2 B revise to read:
    - "Electrically operated folding bleachers in Auxiliary Gym G-100."
  - B. Paragraph 2.2 B.3 revise to read:
    - "Quantity: Minimum 300 seats in Auxiliary Gym G-100."
- 5. Specification Section 23 62 13 Air Cooled Liquid Chiller
  - A. Add Daikin to list of acceptable manufacturers in paragraph 2.02.A.

#### **DRAWINGS**

- 1. Sheet C0.0, Sheet 1 of 2, Sheet 2 of 2
  - A. Refer to Three (3) revised full-size drawings included in this Addendum, for revisions.
- 2. Sheet C1.1, C2.0, C3.0, C3.1, C4.0, C4.1, C5.0, C5.1, C5.2
  - A. Refer to Nine (9) revised full-size drawings included in this Addendum, for revisions.



#### 3. Sheet S-104

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

#### 4. Sheet S-207

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

#### 5. Sheet S-402, S-412, S-413

A. Refer to Three (3) revised full-size drawings included in this Addendum, for revisions.

#### 6. Sheet AD101, AD102, AD103, AD104, AD105, AD106

A. Refer to Six (6) revised full-size drawings included in this Addendum, for revisions.

#### 7. Sheets A-101, A-102, A-103, A-104, A-105, A-106, A-107, A-109

A. Refer to Eight (8) revised full-size drawings included in this Addendum, for revisions.

#### 8. Sheet A-301, A-302, A-303, A-304

A. Refer to Four (4) revised full-size drawings included in this Addendum, for revisions.

#### 9. Sheet A-401

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

#### 10. Sheet A-410, A-411, A-413, A-418, A-419

A. Refer to Five (5) revised full-size drawings included in this Addendum, for revisions.

#### 11. Sheet A-610

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

#### 12. Sheet A-820

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

#### 13. Sheet P-101, P-105, P-106, P-108

A. Refer to Four (4) revised full-size drawings included in this Addendum, for the following revisions:

#### 14. Sheet MD101

- A. Refer to revised full-size drawing included in this Addendum, for the following revisions:
  - 1. Added demo exhaust fans.
  - 2. Added sheet note 9.

#### 15. Sheet MD102

- A. Refer to revised full-size drawing included in this Addendum, for the following revisions:
  - 1. Added demo exhaust fans.
  - 2. Added sheet note 11.



#### 16. Sheet MD103

- A. Refer to revised full-size drawing included in this Addendum, for the following revisions:
  - 1. Added demo exhaust fans.
  - 2. Added sheet note 11.
  - 3. Revised sheet note 10.
  - 4. Revised demo relief to existing to remain.
  - 5. Revised louver from demo to existing to remain.

#### 17. Sheet MD104

- A. Refer to revised full-size drawing included in this Addendum, for the following revisions:
  - 1. Added demo exhaust fans.
  - 2. Added sheet note 19, 20, 21.
  - 3. Added existing relief.
  - 4. Revised louver from demo to existing to remain.

#### 18. Sheet MD105

- A. Refer to revised full-size drawing included in this Addendum, for the following revisions:
  - 1. Added demo exhaust fans.
  - 2. Added sheet note 16 and 17.
  - 3. Revised sheet note 12.

#### 19. Sheet MD106

- A. Refer to revised full-size drawing included in this Addendum, for the following revisions:
  - 1. Added demo exhaust fans.
  - 2. Added sheet note 9.

#### 20. Sheet MV102

- A. Refer to revised full-size drawing included in this Addendum, for the following revisions:
  - 1. Added sheet note.
  - 2. Revised location and ductwork of unit vent.
  - 3. Revised louver existing to remain.

#### 21. Sheet MV103

- A. Refer to revised full-size drawing included in this Addendum, for the following revisions:
  - 1. Added sheet note.
  - 2. Revised location and ductwork of unit vent.
  - 3. Revised louver existing to remain.
  - 4. Added existing relief air to remain.



#### 22. Sheet MV104

- A. Refer to revised full-size drawing included in this Addendum, for the following revisions:
  - 1. Added sheet note.
  - 2. Revised location and ductwork of unit vent.
  - 3. Revised louver to existing to remain.
  - 4. Added existing relief air to remain.

#### 23. Sheet MP101

- A. Refer to revised full-size drawing included in this Addendum, for the following revisions:
  - 1. Added AC Unit, Refrigerant piping and Condensate piping to IDF room.

#### 24. Sheet MP102

- A. Refer to revised full-size drawing included in this Addendum, for the following revisions:
  - 1. Added AC Unit, Refrigerant piping, and Condensate piping to MDF room.

#### 25. Sheet MP103

- A. Refer to revised full-size drawing included in this Addendum, for the following revisions:
  - 1. Added AC Unit, Refrigerant piping, and Condensate piping to IDF room.
  - 2. Revised pipe routing to Unit Ventilator.

#### 26. Sheet MP104

- A. Refer to revised full-size drawing included in this Addendum, for the following revisions:
  - 1. Added AC Unit, Refrigerant piping, and Condensate piping to IDF room.
  - 2. Revised pipe routing to Unit Ventilator.

#### 27. Sheet MP105

- A. Refer to revised full-size drawing included in this Addendum, for the following revisions:
  - 1. Added AC Unit, Refrigerant piping, and Condensate piping to IDF room.

#### 28. Sheet MP109

- A. Refer to revised full-size drawing included in this Addendum, for the following revisions:
  - 1. Added AC Unit, Refrigerant piping, and Condensate piping to IDF room.

#### 29. Sheet M-301, M-302, M-303, M-304, M-305, M-309

- A. Refer to Six (6) revised full-size drawings included in this Addendum, for the following revisions:
  - 1. Added Condensing unit and Refrigerant piping.

#### 30. Sheet M-502

- A. Refer to revised full-size drawing included in this Addendum, for the following revisions:
  - 1. Added AC and Condensing Unit Schedule.
  - 2. Added schedule notes for AC and Condensing Units.

#### 31. Sheet E-002

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



#### 32. Sheet EP102

- A. Refer to revised full-size drawing included in this Addendum, for the following revisions:
  - 1. Revise Unit Ventilator location in Flex B-129.

#### 33. Sheet EP103

- A. Refer to revised full-size drawing included in this Addendum, for the following revisions:
  - Revise Unit Ventilator location in Classrooms C-107, C-108, C-110, C-112, C-113, & C-115.
  - 2. Add smoke detector to Storage C-109 & C-121.

#### 34. Sheet EP104

- A. Refer to revised full-size drawing included in this Addendum, for the following revisions:
  - 1. Revise Unit Ventilator location in Art D-131.
  - 2. Add smoke detector to D-123 & D-129.

#### 35. Sheet EP105

- A. Refer to revised full-size drawing included in this Addendum, for the following revisions:
  - 1. Add OH Door Power to Receiving E-104.

#### 36. Sheet E-601

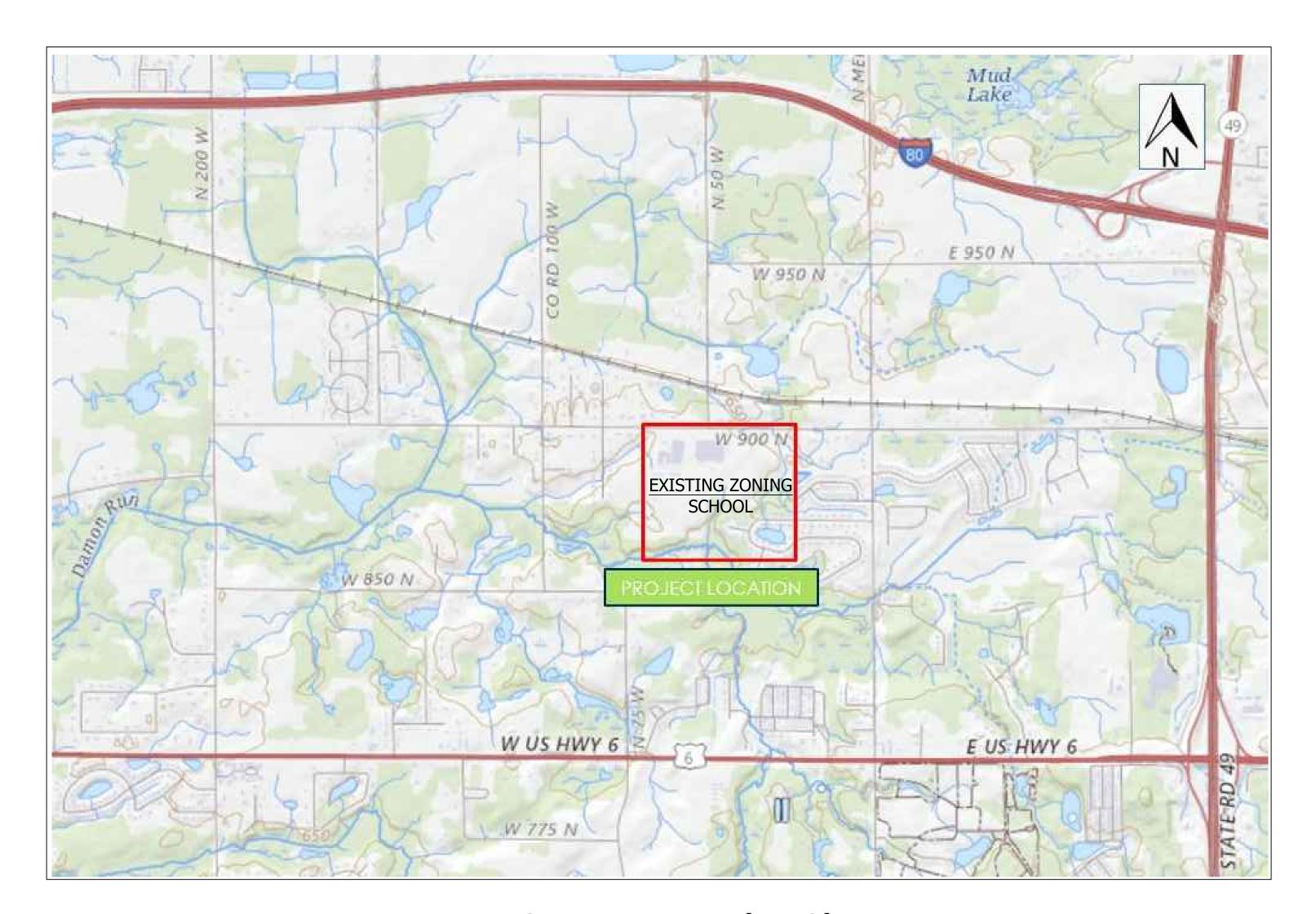
- A. Refer to revised full-size drawing included in this Addendum, for the following revisions:
  - 1. Add EA-HS Fixture with house shield.
  - 2. Add EE Fixture for flag poles.

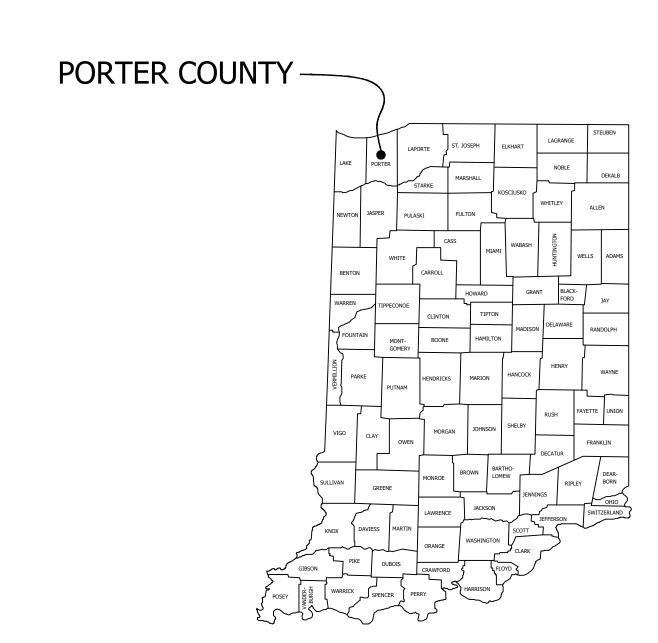
Page 1 through 5, inclusive, and Seventy-Five (75) Full-Size Drawings, constitute the total makeup of **Addendum Seven**.





# ADDITIONS AND RENOVATIONS TO LIBERTY INTERMEDIATE SCHOOL





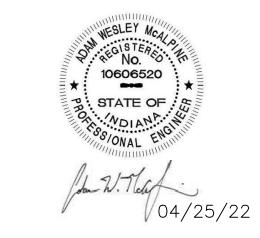


**GIBRALTAR** 

**DESIGN** ARCHITECTURE ◆ ENGINEERING ◆ INTERIOR DESIGN

**DUNELAND SCHOOL CORPORATION** CHESTERTON, INDIANA





GIBRALTAR DESIGN 9102 N. Meridian St., Ste. 300 Indianapolis, IN 46260
Homepage www.GibraltarDesign.com
Contact: Dale Wagner, AIA
Email info@GibraltarDesign.com
Phone 317.580.5777 Fax 317.580.5778

PROJECT 21-139 04/25/22 COORDINATED BY DRAWN BY CHECKED BY AWM

COPYRIGHT NOTICE:  THE CONCEPTS, DESIGNS, PLANS, DETAILS, ETC, SHOWN ON THIS DOCUMENT ARE THE PROPERTY OF GIBRALTAR DESIGN WERE CREATED FOR USE ON THIS SPECIFIC PROJECT. NONE THIS INFORMATION SHALL BE USED BY ANY PERSON OR FIRIFOR ANY PURPOSE WITHOUT THE EXPRESS WRITTEN CONSEN OF GIBRALTAR DESIGN. THE OWNER MAY RETAIN COPIES FOR INFORMATION AND REFERENCE IN CONNECTION ONLY WITH THE PROJECT.	
THIS DOCUMENT ARE THE PROPERTY OF GIBRALTAR DESIGN WERE CREATED FOR USE ON THIS SPECIFIC PROJECT. NONE THIS INFORMATION SHALL BE USED BY ANY PERSON OR FIRIFOR ANY PURPOSE WITHOUT THE EXPRESS WRITTEN CONSEN OF GIBRALTAR DESIGN. THE OWNER MAY RETAIN COPIES FOR INFORMATION AND REFERENCE IN CONNECTION ONLY WITH THE	C
	T W T F O IN

REVISI	ONS			
MARK	DATE	ISSUED	FOR	
DRAW	ING			
		ICCT		
CO	VER SH			

VICINITY MAP (NTS)

SHEET INDEX						
SHEET No.	DESCRIPTION					
C-0.0	COVER SHEET					
1	TOPOGRAPHICAL & ENGINEERING SURVEY					
2	TOPOGRAPHICAL & ENGINEERING SURVEY					
C-1.1	DEMOLITION PLAN					
C-2.0	SITE PLAN					
C-3.0	STORM SEWER AND GRADING PLAN					
C-3.1	SANITARY SEWER AND WATER MAIN PLAN					
C-4.0	STORM WATER POLLUTION PREVENTON PLAN (SWPPP)					
C-4.1	EROSION CONTROL NOTES AND DETAILS					
C-5.0	DETAILS AND SPECIFICATIONS					
C-5.1	DETAILS AND SPECIFICATIONS					
C-5.2	DETAILS AND SPECIFICATIONS					

PROJECT OWNER: DUNELAND SCHOOL CORPORATION CONTACT: DR. CHIP PETTIT, SUPERINTENDENT ADDRESS: 601 WEST MORGAN AVE., CHESTERTON, IN 46304

PHONE: (219) 983-3600 E-MAIL: cpettit@duneland.k12.in.us

PROJECT SITE: LIBERTY INTERMEDIATE SCHOOL 50 WEST 900 NORTH CHESTERTON, IN 46304



**USE VARIANCE** 

EAST PORTION OF PROPERTY PRESENTLY ZONED RURAL RESIDENTIAL (RR)

PRIOR VARIANCES

THE BUFFER YARD.

NETWORK FACILITIES.

SEC. 2.11 - USE OF RESIDENTIAL

ZONING FOR INSTITUTIONAL USE.

SEC. 5.22 LA-01, D&E - ELIMINATE

SEC. 5.24 LA-03 - ELIMINATE THE

LANDSCAPE GENERAL PARKING.

SEC 7.25 - WAIVE PEDESTRIAN

STORMWATER DESIGN MANUAL.

INSTALL STREET LIGHTING.

INSTALL TREES ALONG CR900.

SEC. 7.26 PL-01 & PL-02 - PERIMETER

LANDSCAPING STANDARDS (RESIDENTIAL).

SEC. 7.27 PL-02 - PERIMETER LANDSCAPING

STANDARDS (COMMERCIAL & INDUSTRIAL).

SEC. 7.28 - WAIVE SECTION 6.A.1.A OF THE

SEC. 7.33 - ELIMINATE REQUIREMENT TO

SEC. 7.34 - ELIMINATE REQUIREMENT TO

**VARIANCE** 

TO BE REZONED INSTITUTIONAL (IN).

DATE: TBD

CASE NO.

09-UV-13

09-V-21

CASE NO.: TBD

I, THE UNDERSIGNED, A PROFESSIONAL ENGINEER, REGISTERED WITH THE STATE OF INDIANA, WHOSE LICENSE IS IN GOOD STANDING, HEREBY CERTIFY THAT THESE PLANS WERE PREPARED BY ME OR UNDER MY DIRECT SUPERVISION.

ADDENDUM #7 6/6/2022

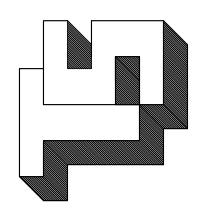
INDIANA LICENSED PROFESSIONAL ENGINEER NO. PE10606520 EXPIRES 7/31/2022

ADAM W. MCALPINE, PE

© GIBRALTAR DESIGN SHEET

C-0.0

ADDITIONS AND RENOVATIONS TO LIBERTY INTERMEDIATE SCHOOL



**L. L. L.**YORS
46321

LKKENGA GURVEYNG,
PROFESSIONAL LAND SURVEYOF
907 RIDGE ROAD, MUNSTER, INDIANA 4632

GRAPHICAL & ENGINEERING SURV.

OF THE NORTH HALF OF SEC. 23-36
EST 900 NORTH (PORTER COUNTY INCORPORATED LIBERTY TOWNSHI

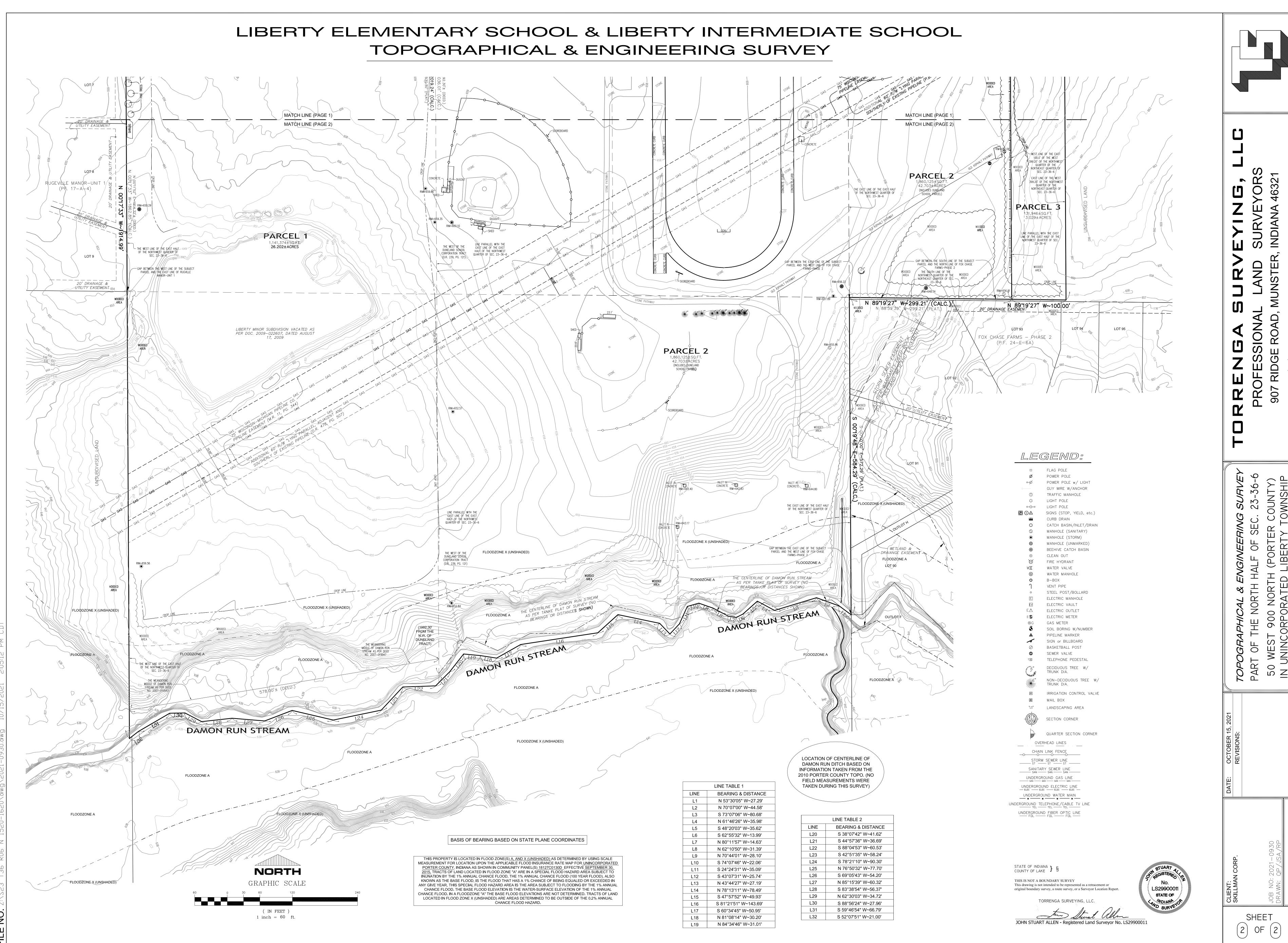
DATE: OCTOBER 15, 2021
REVISIONS:

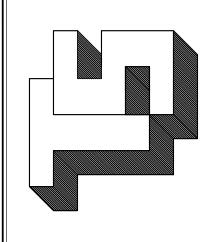
ORP.

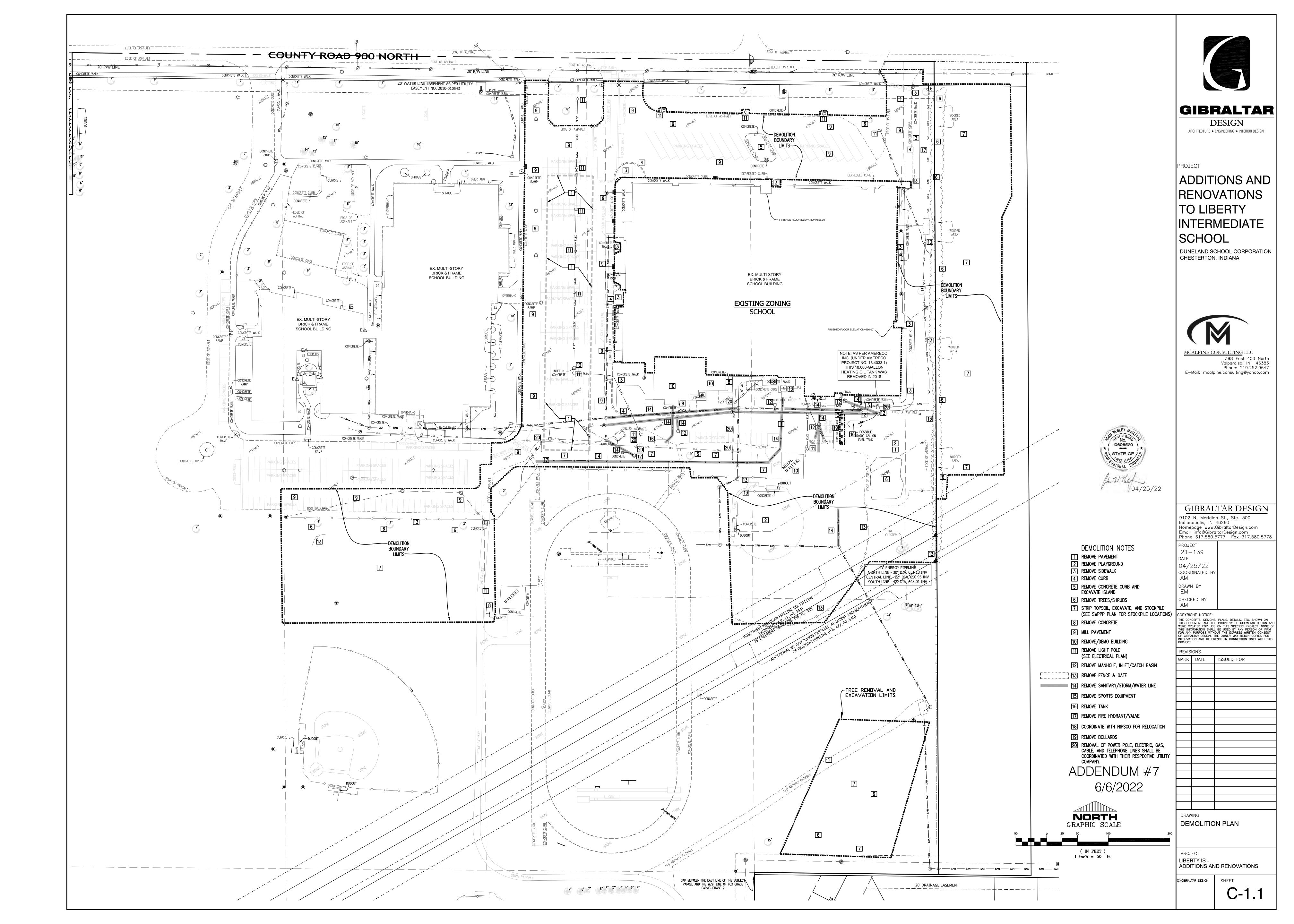
CLIENT: SKILLMAN CORP.

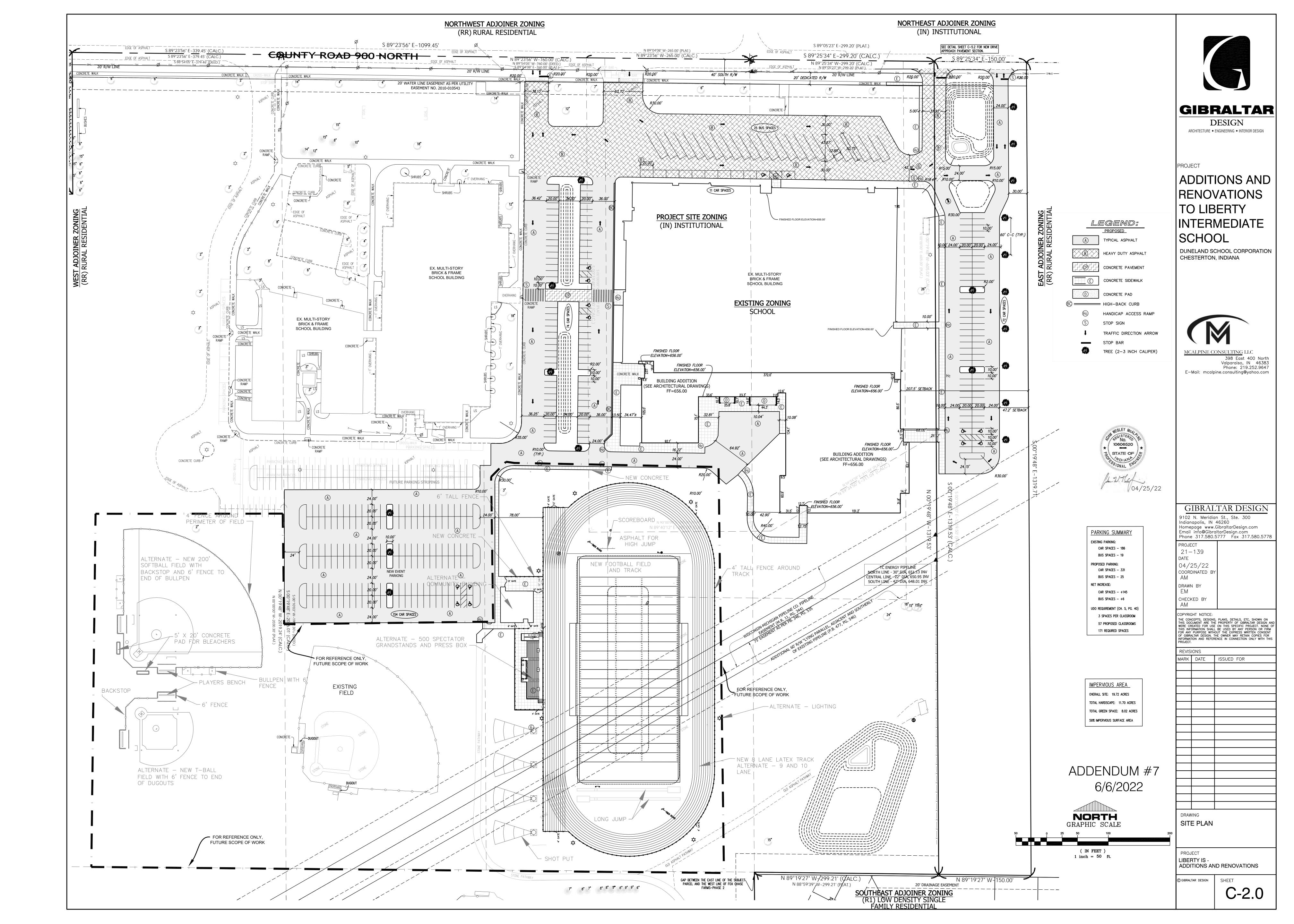
SHEET

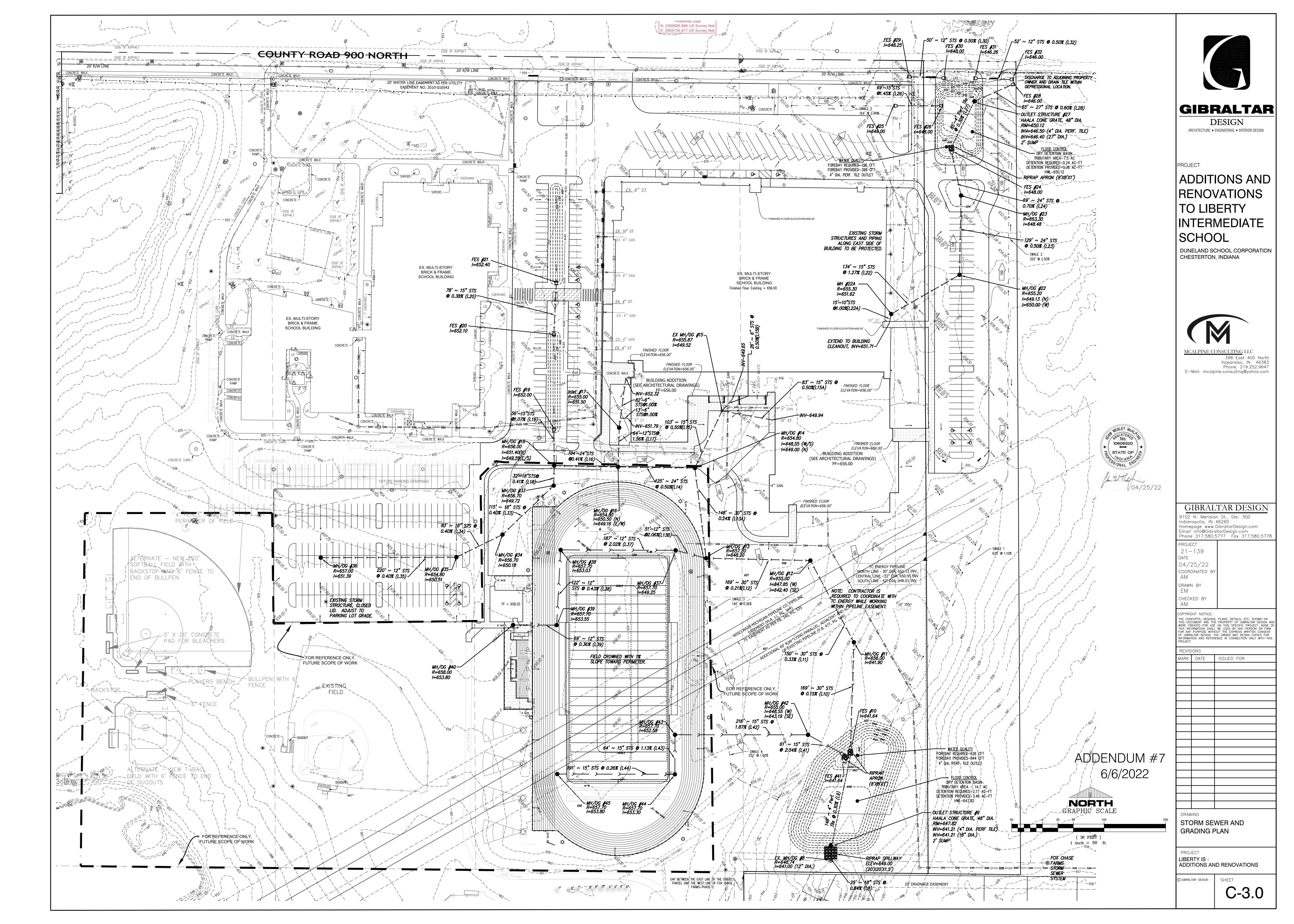
(I) OF (2)

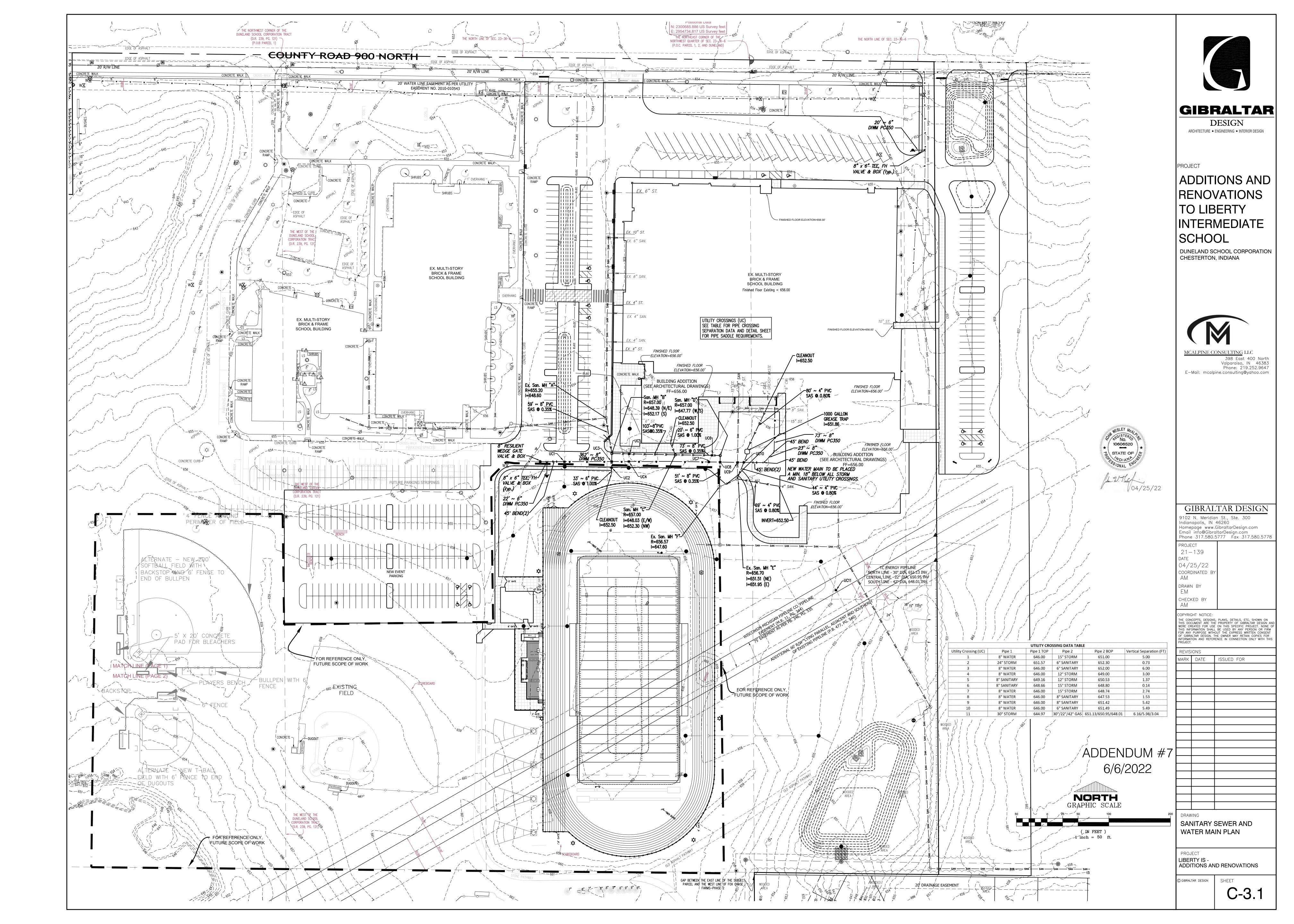


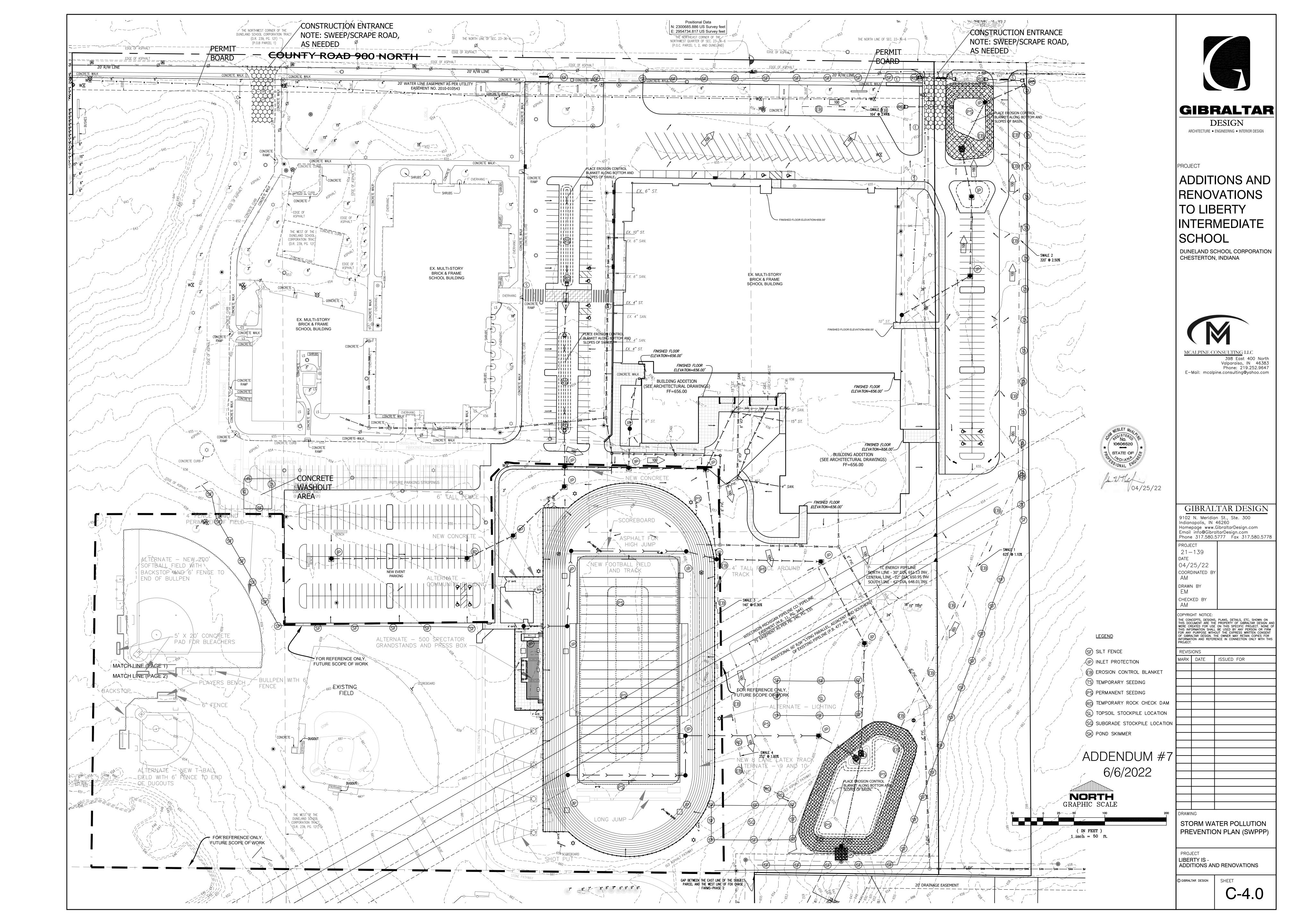












### GENERAL STORM WATER MANAGEMENT NOTES

Soil erosion and sedimentation control shall protect against loss of soil by the action of water, ice and wind.

Erosion control shall be in accordance with the Porter County Storm Water Ordinance & "The Indiana Storm Water Quality Manual".

There are two main elements for Storm Water Quality: Construction Site Stormwater Runoff Control and Post-Construction Stormwater Management. The contractor shall provide Construction Site Stormwater Runoff Control as required and construct the Post-Construction Stormwater Management features, as needed.

The contractor shall be responsible for maintaining site conditions such that Stormwater Runoff Control is provided throughout construction. Surface water runoff management, ie: temporary ditches, swales, bypass pumping, and erosion control measures shall be constructed and maintained as required by construction activity and these items are considered incidental to the contract. These items shall be included in the base contract.

Upon the completion of the site work the contractor shall remove the Construction Site Stormwater Runoff Control measures and install any noted Post-Construction Stormwater Management measures.

Those Stormwater Runoff Control measures that will also serve in the Post-Construction Stormwater Management Plan shall have construction sediment removed and full functionality restored upon the completion of the Site construction.

Each Construction Site Stormwater Runoff Control measure shall be installed immediately following the construction of the structure or feature in which the measure

The contractor is responsible for any damage and/or cleaning to the structure or feature. Corrective work incurred by the contractor shall be considered incidental to the contract.

The contractor is responsibile for compliance with the StormWater Pollution Prevention Plan (SWPPP). Any fines or punitive measures incurred by the project due to failure to comply with the SWPPP are the responsibility of the contractor. These costs shall be considered incidental to the contract, and shall not be considered an extra.

During the course of construction the SWPPP may require additional erosion control measures to be installed to address site specific items not anticipated by this plan due to construction schedule or sequencing. It is not the intent of this plan to direct the schedule or sequencing beyond the general construction sequence. Any stormwater runoff control measures required due to construction methodology, sequencing, etc. are incidental to the contract. Corrective work and maintenance shall also be considered incidental, and shall not be considered an extra.

All items shown on these detail sheets are standard details and describe standard installation practices. Not all of these Stormwater Runoff Control measures will be utilized. See the erosion control plan for location and types of erosion control measures utilized. The stormwater checklist document will serve to further outline the SWPPP for this project and it is considered part of the plan documents. In the event that site conditions require additional or different erosion control measures, these details serve to describe some acceptable methods.

#### SUMMARY OF BASIC PRINCIPLES

1. Keep disturbed area as small as possible.

2. Stabilize and/or protect disturbed areas as soon as possible.

3. Keep storm water runoff velocities low.

4. Retain sediment within immediate construction area.

The purpose of this plan is to specify methods for construction site stormwater runoff control.

All soil erosion and sedimentation control devices shall be regularly maintained by the contractor through the duration of the project. Collected silt and sedimentation shall be removed as required to maintain the effectiveness of the silt traps or sedimentation control devices. The contractor shall replace filter materials which have become ineffective due to contamination or physical deterioration. The contractor shall inspect all stormwater runoff control devices weekly and after all storm events.

The contractor shall have a log of maintenance and inspections, to be available at the site upon request of Local and State Inspectors.

#### POTENTIAL CONSTRUCTION POLLUTANT SOURCES

Potential pollutants that could enter the stormwater during construction include exposed soils, fuel and oil from leaking heavy equipment and vehicles. Equipment has the potential to leak fuel throughout the disturbed areas, or wherever construction is occurring. The contractors will inspect equipment before initiating construction and routinely thereafter. If leaks are discovered, they will be repaired before the equipment is used or new equipment will be brought to the site.

Bulk Fuel storage on-site can leak and thereby be a pollutant. All Fuel storage tanks shall meet the minimum requirements of the Fuel Storage requirements.

Exposed soils also have potential for being eroded by water and wind and must be prevented from entering the stormwater system. The contractor will install silt fence, riprap, and erosion control blanket in areas designated on the site development plans.

#### RIP-RAP - SCOUR PROTECTION

MATERIAL: Hard, angular, and weather-resistant, having a specific gravity of at least 2.5 GRADATION: Well-graded stone, 50% (by weight larger than the specified  $d_{so}$ ; however, the largest pieces should not exceed two times the specified  $d_{50}$ , and no more than 15% of the pieces (by weight) should be less than 3 in.

Use geotextile fabric for stabilization and filtration or sand/gravel layer placed under all permanent riprap installations. 2:1 or flatter, unless approved in the erosion and sediment control plan. MINIMUM THICKNESS: Two times the specified  $d_{50}$  stone diameter.

SUBGRADE PREPARATION 1. Remove brush, trees, stumps, and other debris.

2. Excavate only deep enough for both filter and riprap. Over-excavation increases the amount of spoil considerably.

3. Compact any fill material to the density of the surrounding undisturbed soil. 4. Cut keyway in stable material at the base of the slope to reinforce the toe. Keyway depth should

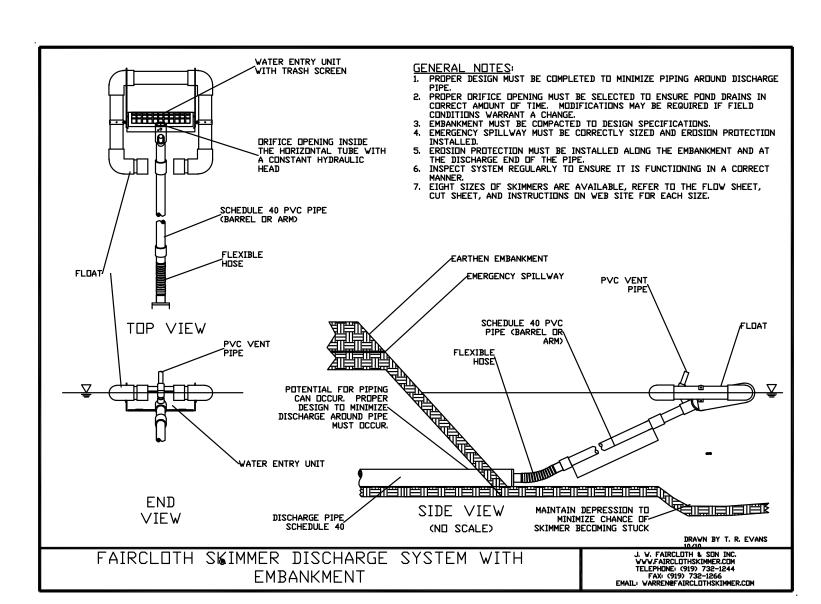
be 1 1/2 times the design thickness of the riprap and should extend a horizontal distance equal to the design thickness.

5. Smooth the graded foundation.

FILTER PLACEMENT

MAINTENANCE

- 1. If using geotextile fabric, place it on the smoothed foundation, overlap the edges at least 12 in., and secure with anchor pins spaced every 3 ft. along the overlap. 2. If using a sand/gravel filter, spread the well-graded aggregate in a uniform layer to the required thickness (6 in. min.); if two or more layers are specified, place the layer of smaller gradation first, and avoid mixing the layers. RIPRAP PLACEMENT
- 1. Immediately after installing the filter, add the riprap to full thickness in one operation. (Do not dump through chutes or use any method that causes segregation of rock sizes or that will dislodge or damage the underlying filter material.)
- 2. If fabric is damaged, remove the riprap and repair by adding another layer of fabric, overlapping the damaged area by 12 in.
- 3. Place smaller rock in voids to form a dense, uniform, well-graded mass. (Selective loading at the quarry and some hand placement may be needed to ensure an even distribution of rock material.)
- 4. Blend the rock surface smoothly with the surrounding area to eliminate protrusions or over-falls.
- 1. Inspect periodically for displaced rock material, slumping, and erosion at edges, especially



#### STORMWATER QUALITY CONSTRUCTION SEQUENCE

Contact the underground utility protection service.

- Construct stabilized construction entrances.
- Install silt fences as directed by erosion control plan for perimeter and internal sediment control.
- Installation work for off-site stormwater flow diversion.
- Initiate weekly self-montoring program.
- Post the Rule 5 NOI with IDEM permit number, Local Plan Approval Letter (NOS), and Porter County Erosion and Sediment Control permit at the entrance to the construction site.
- Initiate site demolition, topsoil stripping, pond excavation and grading, water main, sanitary sewer, storm sewer, and parking lot excavation. Protect against sediment intrusion into the trench and pipe drainage system.
- Backfill the open trenches immediately following pipe and structure placement.
- Inlet protection as detailed on these plans is to be installed surrounding each existing inlet/drywell/catch basin until work is completed and protection has been approved for removal.
- Install temporary rock check dams along each swale and manage sediment accumulation until
- Continue with grading to establish site design ground conditions, incorporating temporary seeding of disturbed areas.
- Install topsoil on all disturbed areas, permanent seeding and vegetation.
- Temporary seeding shall be placed 14 days after grading is complete or if disturbed ground is intended to be left for a period of more than 14 days.
- Detention basin banks are to be permanently seeded and blanketed as soon as possible.
- Stormwater outlet protection is to be constructed with completion of the storm sewer.
- Disturbed areas will be permanently seeded and mulched upon completion of project.
- Erosion control features shall be maintained until construction is complete.
- Any temporary erosion control measures are to be removed once permanent vegetative cover has
- Rule 5 Notice of Termination shall be submitted

#### EROSION CONTROL MEASURES

#### EROSION CONTROL BLANKET

ANCHORING: Staples as recommended by the manufacturer. For North American Green use Staple pattern "B" INSTALLATION

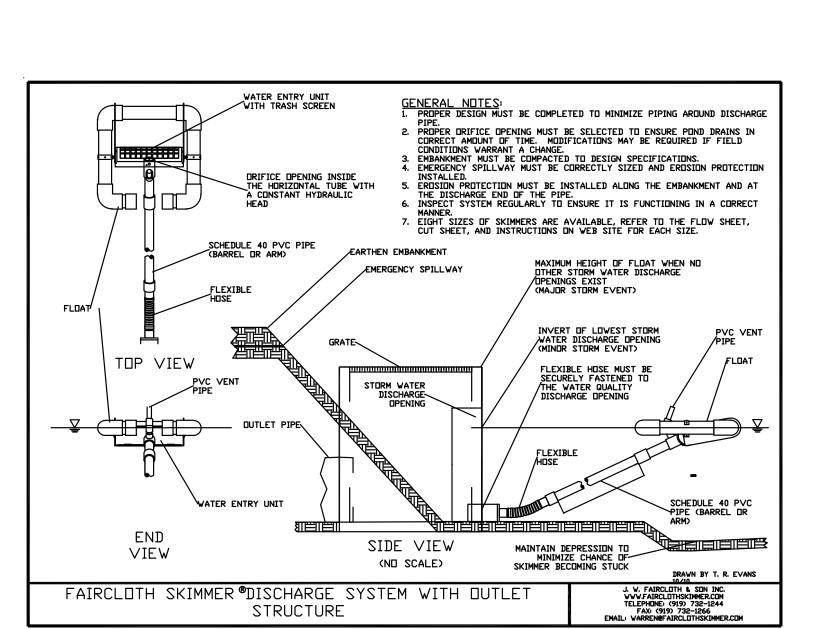
- 1. Grade the site as specified in the construction plan.
- Add topsoil where appropriate. Prepare the seedbed, fertilize (and lime, if needed), and seed the area immediately after grading.
- 3. Follow manufacturer's directions, lay the blankets on the seeded area such that they are in continuous contact with the soil and that the upslope or upstream ones overlap the lower ones
- 4. Tuck the uppermost edge of the upper blankets into a check slot (slit trench), backfill with soil, and tamp down.
- 5. Anchor the blankets as specified by the manufacturer.

#### **MAINTENANCE**

- During vegetative establishment, inspect after storm events for any erosion below the blanket. 2. If any area shows erosion, pull back that portion of the blanket covering it, add soil, re-seed the
- area, and re-lay and staple the blanket. 3. After vegetative establishment, check the treated area periodically

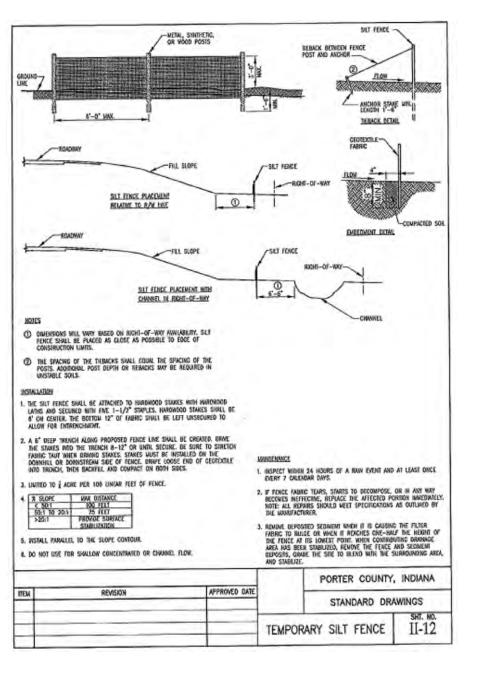
#### Specification Sheet - EroNet™ S150° Erosion Control Blanket

	ON			Index Property	Test Method	Typical
			et shall be a machine- functional longevity of	Thickness	ASTM D6S2S	0.32 in. (8.13 mm)
		nal langevity may var		Resiliency	<b>ECTC Guidelines</b>	80.5%
limatic conditi	ions, soil, geographic	al location, and elevi	ation). The blanket	Water Absorbency	ASTM D1117	370%
			venly distributed over overed on the top and	Mass/Unit Area	ASTM D6475	8.15 oz/sy (277.1 g/sm
		nt photodegradabl		Swell	ECTC Guidelines	15%
etting havin	g an approximate	0.50 x 0.50 in. (1.	27 x 1.27 cm) mesh.	Smolder Resistance	<b>ECTC Guidelines</b>	Yes
he blanket s	hall be sewn toge	ther on 1.50 inch (	3.81 cm) centers with	Stiffness	ASTM D1388	6.06 oz-in
3			tured with a colored	Light Penetration	ASTM D6567	12.4%
	3	er edges (approxin n overlap guide fo		Tensile Strength - MD	ASTM D6818	159.6 lbs/ft (2.37 kN/m)
ha CIEO cha	I most Tupo 3.0 -	posification requir	amonts actablished	Elongation - MD	ASTM D6818	31.7%
y the Erosio	n Control Technolo	ogy Council (ECTC)	ements established and Federal Highway	Tensile Strength - TD	ASTM D6818	93.6 lbs/ft (1.39 kN/m)
Administratio	on's (FHWA) FP-0	13 Section /13.1/		Elongation - TD	<b>ASTM D6818</b>	26.7%
	Mate	erial Content		Biomass Improvement	ASTM 07322	371%
Matrix	100% Straw Fiber	0.5 lbs/sq	yd (0.27 kg/sm)	Resign P	ermissible Shear	Stress
	Top and bottom	0.5 lbs/sq	yd (0.27 kg/sm)		ermissible Shear	
	100000000000000000000000000000000000000	22002	yd (0.27 kg/sm) 00 sq ft (0.73 kg/100 sm)	Design Pour Universated Shear Stress Universated Velocity	1.75 ps	Stress f (84 Pa) (1.83 m/s)
Netting	Top and bottom nets: lightweight	22002		Unvegetated Shear Stress	1.75 ps	f (84 Pa)
Netting	Top and bottom nets: lightweight photodegradable Degradable	1.5 lbs/100		Unvegetated Shear Stress Unvegetated Velocity	1.75 ps	f (84 Pa) (1.83 m/s)
Netting Thread	Top and bottom nets: lightweight photodegradable Degradable	1.5 lbs/100 ard Roll Sizes	00 sq ft (0.73 kg/100 sm)	Unvegetated Shear Stress Unvegetated Velocity	1.75 ps 6.0 fps ( D6460 Large-Sca	f (84 Pa) (1.83 m/s)
Netting Thread	Top and bottom nets: lightweight photodegradable Degradable	1.5 lbs/100		Unvegetated Shear Stress Unvegetated Velocity  NTPEP ASTM	1.75 ps 6.0 fps ( D6460 Large-Sca 2.42 psf	f (84 Pa) (1.83 m/s) le Channel
Netting Thread Width	Top and bottom nets: lightweight photodegradable Degradable	1.5 lbs/100 ard Roll Sizes	00 sq ft (0.73 kg/100 sm)	Unvegetated Shear Stress Unvegetated Velocity  NTPEP ASTM Unvegetated Shear Stress	1.75 ps 6.0 fps ( D6460 Large-Sca 2.42 psf	f (84 Pa) (1.83 m/s) le Channel (115.9 Pa)
Netting Thread Width Length	Top and bottom nets: lightweight photodegradable Degradable Stand 6.67 ft (2.03 m)	1.5 lbs/100 ard Roll Sizes 8 ft (2.4 m)	00 sq ft (0.73 kg/100 sm) 16.0 ft (4.87 m)	Unvegetated Shear Stress Unvegetated Velocity  NTPEP ASTM Unvegetated Shear Stress Unvegetated Velocity	1.75 ps 6.0 fps ( D6460 Large-Sca 2.42 psf	f (84 Pa) (1.83 m/s) le Channel (115.9 Pa) (2.75 m/s)
Netting Thread Width Length	Top and bottom nets: lightweight photodegradable  Stand 6.67 ft (2.03 m) 108 ft (32.92 m) 40 lbs (18.14 kg)	1.5 lbs/100 ard Roll Sizes 8 ft (2.4 m) 112 ft (34.14 m) 50 lbs (22.68 kg)	16.0 ft (4.87 m)	Unvegetated Shear Stress Unvegetated Velocity  NTPEP ASTM Unvegetated Shear Stress Unvegetated Velocity	1.75 ps 6.0 fps ( D6460 Large-Sca 2.42 psf 9.0 fps ( Jesign Data: C Fac	f (84 Pa) (1.83 m/s) le Channel (115.9 Pa) (2.75 m/s)
Netting Thread Width Length Weight ± 10%	Top and bottom nets: lightweight photodegradable  Stand 6.67 ft (2.03 m) 108 ft (32.92 m) 40 lbs (18.14 kg) 80 sq yd (66.9 sm)	1.5 lbs/100 ard Roll Sizes 8 ft (2.4 m) 112 ft (34.14 m) 50 lbs (22.68 kg) ) 100 sq yd (83.61 sn	16.0 ft (4.87 m) 112 ft (34.14 m) 100 lbs (45.36 kg) n) 200 sq yd (167.22 sm)	Unvegetated Shear Stress Unvegetated Velocity  NTPEP ASTM Unvegetated Shear Stress Unvegetated Velocity	1.75 ps 6.0 fps ( D6460 Large-Sca 2.42 psf 9.0 fps ( Jesign Data: C Fac	f (84 Pa) (1.83 m/s) le Channel (115.9 Pa) (2.75 m/s) tors dients (5)
Netting Thread Width Length Weight ± 10% Area	Top and bottom nets: lightweight photodegradable  Stand 6.67 ft (2.03 m) 108 ft (32.92 m) 40 lbs (18.14 kg) 80 sq yd (66.9 sm)	1.5 lbs/100 ard Roll Sizes 8 ft (2.4 m) 112 ft (34.14 m) 50 lbs (22.68 kg) ) 100 sq yd (83.61 sn	16.0 ft (4.87 m) 112 ft (34.14 m) 100 lbs (45.36 kg) n) 200 sq yd (167.22 sm)	Unvegetated Shear Stress Unvegetated Velocity  NTPEP ASTM Unvegetated Shear Stress Unvegetated Velocity  Slope D	1.75 ps 6.0 fps ( D6460 Large-Sca 2.42 psf 9.0 fps ( Design Data: C Fac Slope Gra	f (84 Pa) (1.83 m/s) le Channel (115.9 Pa) (2.75 m/s) tors dients (5)
Netting Thread Width Length Weight ± 10% Area	Top and bottom nets: lightweight photodegradable  Degradable  Stand 6.67 ft (2.03 m) 108 ft (32.92 m) 40 lbs (18.14 kg) 80 sq yd (66.9 sm	1.5 lbs/100 ard Roll Sizes 8 ft (2.4 m) 112 ft (34.14 m) 50 lbs (22.68 kg) ) 100 sq yd (83.61 sn	16.0 ft (4.87 m) 112 ft (34.14 m) 100 lbs (45.36 kg) m) 200 sq yd (167.22 sm)	Unvegetated Shear Stress Unvegetated Velocity  NTPEP ASTM Unvegetated Shear Stress Unvegetated Velocity  Slope E	1.75 ps 6.0 fps ( D6460 Large-Sca 2.42 psf 9.0 fps ( Design Data: C Fac Slope Gra \$ 3:1 - 2:	f (84 Pa) (1.83 m/s) le Channel (115.9 Pa) (2.75 m/s) tors dients (S)
Netting Thread Width Length Weight ± 10% Area	Top and bottom nets: lightweight photodegradable  Degradable  Stand 6.67 ft (2.03 m) 108 ft (32.92 m) 40 lbs (18.14 kg) 80 sq yd (66.9 sm	1.5 lbs/100 ard Roll Sizes 8 ft (2.4 m) 112 ft (34.14 m) 50 lbs (22.68 kg) ) 100 sq yd (83.61 sr  Coefficients – U Manning	16.0 ft (4.87 m) 112 ft (34.14 m) 100 lbs (45.36 kg) n) 200 sq yd (167.22 sm) Inveg.	Unvegetated Shear Stress Unvegetated Velocity  NTPEP ASTM Unvegetated Shear Stress Unvegetated Velocity  Slope □  Slope □	1.75 ps 6.0 fps ( D6460 Large-Sca 2.42 psf 9.0 fps ( esign Data: C Fac Slope Gra ≤ 3:1 3:1 - 2: 0.004 0.106	f (84 Pa) (1.83 m/s) le Channel (115.9 Pa) (2.75 m/s) tors dients (5)



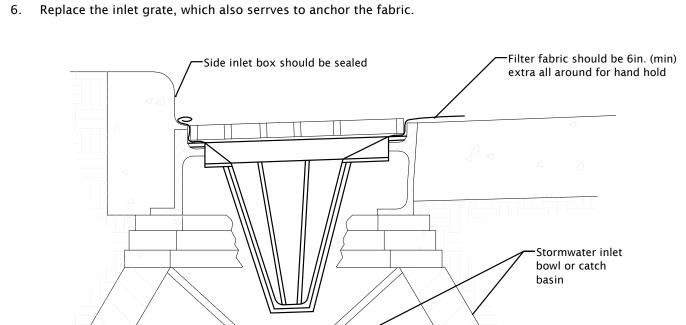
## SEDIMENT CONTROL MEASURES

#### SILT FENCE



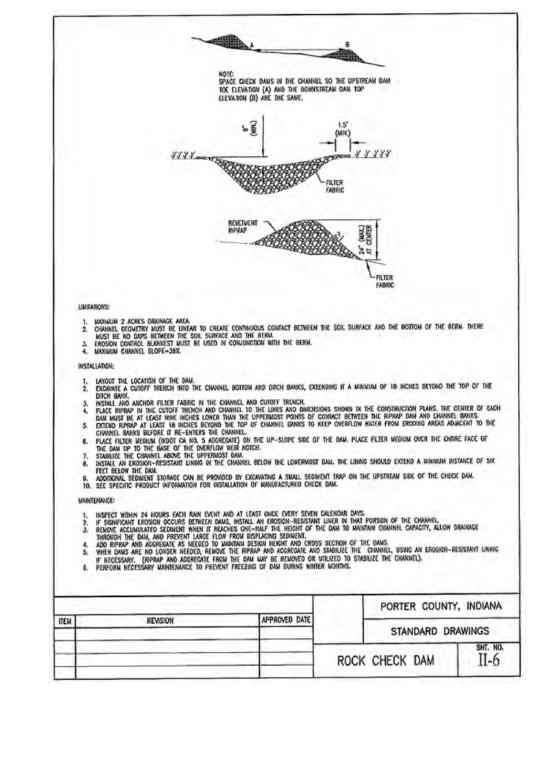
#### BASKET CURB INLET PROTECTION

- INSTALLATION
- 1. Install basket curb inlet protections as soon as inlet boxes are installed in the new development or before land disturbing activities begin in a stablized area.
- 2. If necessary, adapt basket dimensions to fit inlet box dimensions, which vary according to the manufacturer and/or model.
- 3. Seal the side inlets on those types of inlet boxes that have them.
- 4. Remove the grate and place the basket in the inlet.
- 5. Cut and install a piece of filter fabric large enough to line the inside of the basket and extend at least 6 inches beyond the frame.



- MAINTENANCE 1. Inspect after each storm event.
- 2. Remove built-up sediment and replace the geotextile fabric after each storm event. 3. Periodically remove sediment and tracked-on soil from the street (but not by flushing with water)
- to reduce the sediment load on this curb inlet practice. **COMMON CONCERNS**
- 1. Sediment not removed and geotextile fabric not replaced following a storm event results in
- increased sediement, tracking, traffic hazard, and excessive ponding. 2. Geotextile fabric permittivity too low - results in rapid clogging, thus severe ponding, sediment
- enters the drain if the fabric breaks. . Drainage area too large - results in sediment overload and severe ponding; sediment enters
- the drain if the fabric breaks.

#### TEMPORARY ROCK CHECK DAM



## TEMPORARY AND PERMANENT SEEDING

- SITE PREPARATION
- 1. These installation practices are needed to control erosion, sedimentation, and water runoff, such as temporary and permanent diversions, sediment traps or basins, silt fences, and triangular silt dikes. 2. Grade the site as specified in the construction plan.
- SEEDBED PREPARATION
  - 1. Fertilize as required.
  - 2. Work the fertilizer into the soil 2-4 in. deep with a disk or rake operated across the slope.
  - 1. Select a seeding mixture and rate from the table and plant at depth and on dates shown.
  - 2. Apply seed uniformly with a drill or cultipacker-seeder or by broadcasting, and cover to the depth shown. 3. If drilling or broadcasting, firm the seedbed with a roller or cultipacker. 4. Mulch seeded areas to increase seeding success.
- 1. Inspect periodically after planting to see that vegetative stands are adequately established, re-seed if necessary. 2. Check for erosion damage after storm events and repair, reseed and mulch if necessary.

3 Topdress fall seeded wheat or rye seeding with 50 lbs./acre of nitrogen in February or March if nitrogen

#### TEMPORARY SEEDING RECOMMENDATIONS

deficiency is apparent.

I LIV	II OKAKI SELDING KECO	MINICINDATIONS			
	SEED SPECIES*	RATE/ACRE	PLANTING DEPTH	OPTIMUM DATES**	
	Wheat or rye	150 lbs.	1 to 1 1/2 in.	9/15 to 10/30	
	Spring oats	100 lbs.	1 in.	3/1 to 4/15	
	Annual ryegrass	40 lbs.	1/4 in.	3/1 to 5/1 8/1 to 9/1	
	German millet	40 lbs.	1 to 2 in.	5/1 to 6/1	
	Sudangrass	35 lbs.	1 to 2 in.	5/1 to 7/30	

\* Perennial species may be used as a temporary cover, especially if the area to be seeded will remain idle for more than a year. \*\* Seeding done outside the optimum dates increases the chance of seeding failure.

#### PERMANENT SEEDING RECOMMENDATIONS

+ white or ladino clover

This table provides several seeding options. Contractor shall provide Engineer with seed mix for review and approval. When selecting a mixture, consider site conditions, including soil properties (e.g., soil

pH and drainage), slope aspect and the tolerance of each species to shade and drought. SEED SPECIES AND MIXTURES RATE/ACRE OPTIMUM SOIL pH OPEN AND DISTURBED AREAS (REMAINING IDLE FOR MORE THAN ONE YEAR) 5.6 to 7.0 1. Perennial ryegrass 35-50 lbs.

- + white or ladino clover 1 to 2 lbs. 20 lbs. 5.5 to 7.5 1. Kentucky bluegrass
- 10 lbs. + smooth bromegrass + switchgrass 3 lbs. 4 lbs. + timothy + perennial ryegrass 10 lbs.
- \*Placement of temporary seed mix with permanent seed mix is recommended for early ground cover.

1 to 2 lbs.

#### TEMPORARY CONSTRUCTION ENTRANCE/EXIT PAD

MATERIAL: 2-3 in. washed stone (INDOT CA No. 2) over a stable foundation. THICKNESS: 12 in. minimum. 20 ft. minimum or full width of entrance/exit roadway, whichever is greater.

GEOTEXTILE FABRIC UNDERLINER: May be used under wet conditions or for soils within a high seasonal water table to provide greater bearing strength.

#### INSTALLATION

- 1. Avoid locating on steep slopes or at curves in public roads. 2. Remove all vegetation and other objectionable material from the foundation area, and grade and crown for positive drainage.
- 3. If slope towards the road exceeds 2%, construct a 6-8 in. high water bar (ridge) with 3:1 side slopes across the foundation area about 15 ft. from the entrance to divert runoff away from the road (Practice 3.24) see exhibit. 4. Install pipe under the pad if needed to maintain proper public road drainage.
- 5. If wet conditions are anticipated, place geotextile fabric on the graded foundation to improve 6. Place stone to dimensions and grade shown in the erosion/sediment control plan, leaving the
- surface smooth and sloped for drainage. 7. Divert all surface runoff and drainage from the stone pad to a sediment trap or basin.

#### **MAINTENANCE**

- 1. Inspect entrance pad and sediment disposal area weekly and after 1/2" or more storm events or heavy use. 2. Reshape pad as needed for drainage and runoff control.
- 4. Immediately remove mud and sediment tracked or washed onto public roads by brushing or sweeping. Flushing should only be used if the water is conveyed into a sediment trap or basin.

- MATERIAL MANAGEMENT MEASURES (HOUSEKEEPING) SPILL PREVENTION AND CONTROL PLAN
- Only approved fuel storage tank shall be allowed on site.

Mobile Fueling shall be used wheever possible.

5. Repair any broken road pavement immediately.

3. Topdress with clean stone as needed.

- Spill Kits must be located on-site in the vicinity of the fuel storage sink.
- Fueling should take place in a central location.

• Equipment should be kept in good working order, well maintained so that breakdowns, and

#### equipment failures are reduced.

Fuel tanks shall have a safety guage.

- FUEL STORAGE
- All fuel tanks on site shall have secondary containment approved by IDEM
- No fuel tanks are to be located within 100 feet of a storm sewer inlet. Fuel storage system shall be kept in good working order and shall be subject to periodic IDEM
- Spill Kits must be located on-site in the vicinity of the fuel storage sink.



6/6/2022

COPYRIGHT NOTICE: THE CONCEPTS, DESIGNS, PLANS, DETAILS, ETC, SHOWN ON THIS DOCUMENT ARE THE PROPERTY OF GIBRALTAR DESIGN AN WERE CREATED FOR USE ON THIS SPECIFIC PROJECT. NONE OF THIS INFORMATION SHALL BE USED BY ANY PERSON OR FIRM FOR ANY PURPOSE WITHOUT THE EXPRESS WRITTEN CONSENT OF GIBRALTAR DESIGN. THE OWNER MAY RETAIN COPIES FOR INFORMATION AND REFERENCE IN CONNECTION ONLY WITH THIS PROJECT.

MARK DATE ISSUED FOR

**GIBRALTAR** 

**DESIGN** 

ARCHITECTURE ● ENGINEERING ● INTERIOR DESIGN

ADDITIONS AND

RENOVATIONS

INTERMEDIATE

DUNELAND SCHOOL CORPORATION

MCALPINE CONSULTING LLC

E-Mail: mcalpine.consulting@yahoo.com

GIBRALTAR DESIGN

Phone 317.580.5777 Fax 317.580.5778

9102 N. Meridian St., Ste. 300

Email info@GibraltarDesign.com

lomepage www.GibraltarDesign.com

ndianapolis, IN 46260

PROJECT

DATE

EM

21 - 139

04/25/22

DRAWN BY

CHECKED BY

REVISIONS

COORDINATED BY

398 East 400 North

Valparaiso, IN 46383

Phone: 219.252.9647

TO LIBERTY

SCHOOL

CHESTERTON, INDIANA

PROJECT

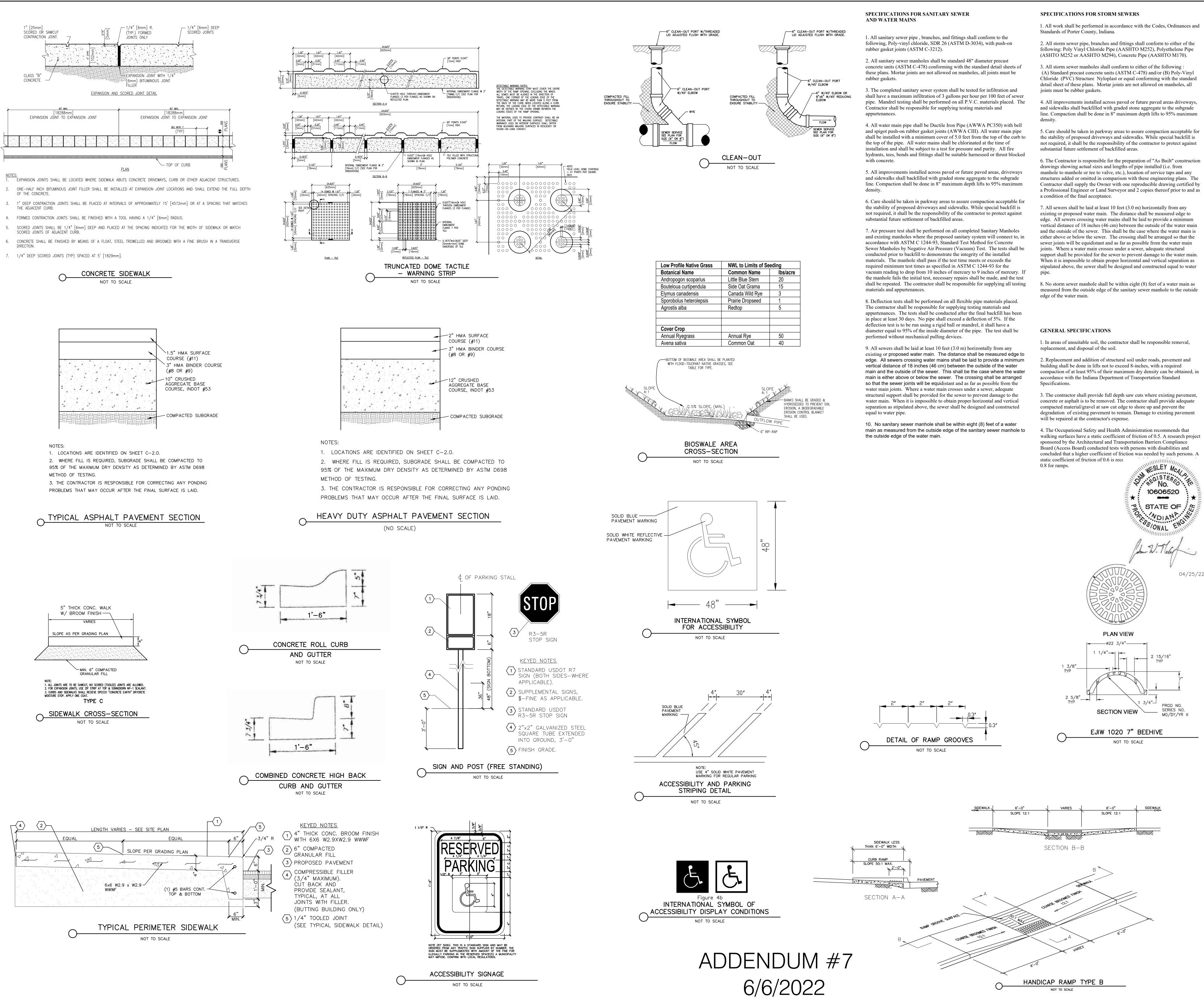
ADDENDUM #7

DRAWING **EROSION CONTROL** NOTES AND DETAILS

LIBERTY IS -ADDITIONS AND RENOVATIONS

GIBRALTAR DESIGN

C-4.



**GIBRALTAR** 

**DESIGN** 

ARCHITECTUR **■** ENGINEERING **■**NTERIOR DESIGN

LIBERTY INTERMEDIATE SCHOOL -ADDITIONS AND RENOVATIONS

**DUNELAND SCHOOL CORPORATION** 

398 East 400 North

Valparaiso, IN 46383

E-Mail: mcalpine.consulting@yahoo.cor

GIBRALTAR DESIGN

Phone 317.580.5777 Fax 317.580.5778

THE CONCEPTS, DESIGNS, PLANS, DETAILS, ETC, SHOWN ON THIS DOCUMENT ARE THE PROPERTY OF GIBRALTAR DESIGN AN WERE CREATED FOR USE ON THIS SPECIFIC PROJECT. NONE O

SSUED FOR

THIS INFORMATION SHALL BE USED BY ANY PERSON OR FIRE FOR ANY PURPOSE WITHOUT THE EXPRESS WRITTEN CONSENT OF GIBRALTAR DESIGN. THE OWNER MAY RETAIN COPIES FOR INFORMATION AND REFERENCE IN CONNECTION ONLY WITH THE

102 N. Meridian St., Ste. 300

Homepage www.GibraltarDesign.com Email info@GibraltarDesign.com

Indianapolis, IN 46260

21 - 139

04/25/22

COORDINATED

AWM

AWM

DRAWN BY AWM

CHECKED BY

IARK DATE

Phone: 219.252.9647

CHESTERTON, INDIANA

concrete or asphalt is to be removed. The contractor shall provide adequate degradation of existing pavement to remain. Damage to existing pavement

walking surfaces have a static coefficient of friction of 0.5. A research project concluded that a higher coefficient of friction was needed by such persons. A

04/25/22

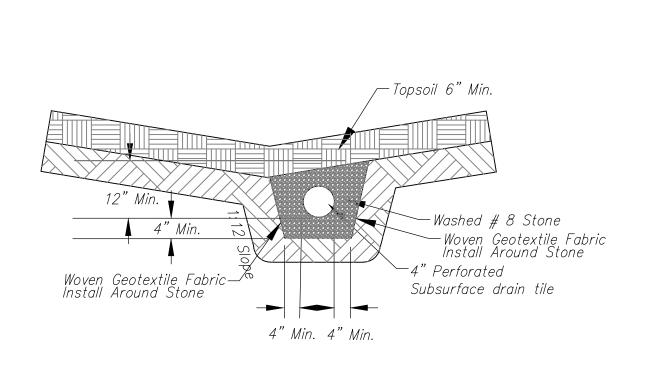
DRAWING **DETAILS & SPECIFICATIONS** 

LIBERTY IS -ADDITIONS AND RENOVATIONS

SHEET

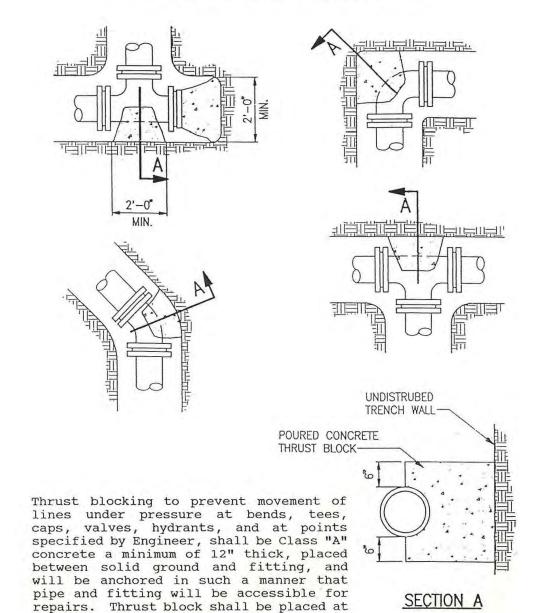
GIBRALTAR DESIGN

C-5.0



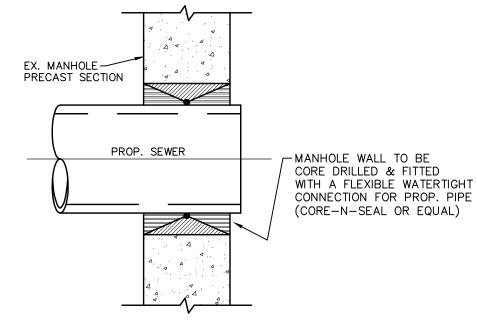


## THRUST BLOCK INSTALLATIONS

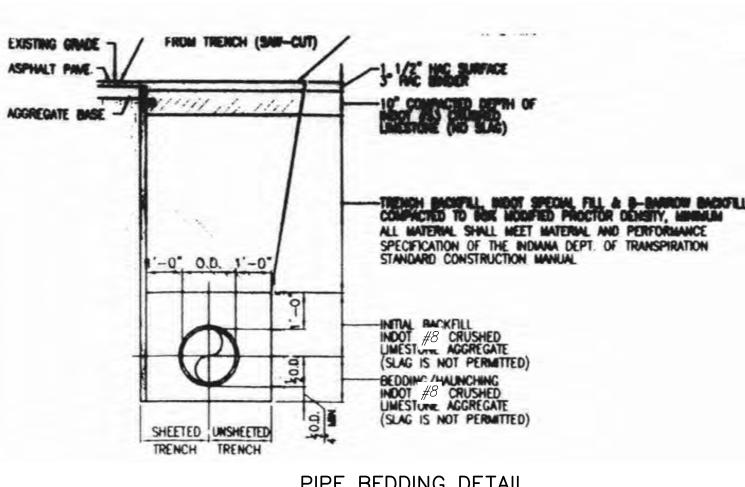


#### THRUST BLOCK DETAILS NOT TO SCALE

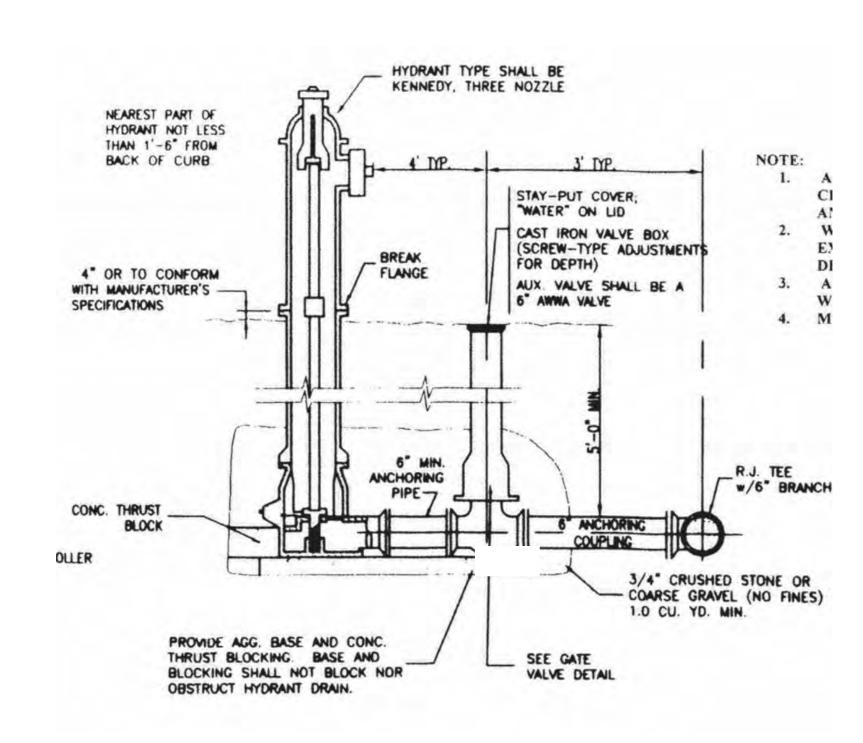
bends of 11 1/4 degree.



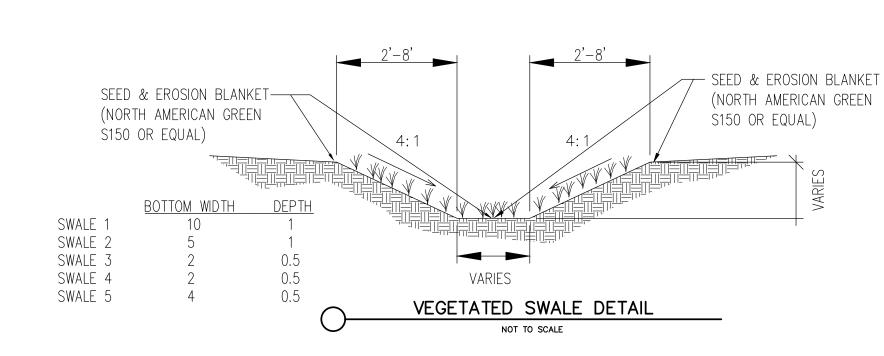
	PIPE CONNECTION DETAIL
<u> </u>	TO EXISTING MANHOLE



PIPE BEDDING DETAIL FOR TRENCH IN PAVED AREAS



FIRE HYDRANT ASSEMBLY
NOT TO SCALE



STORM SEWER SCHEDULE								
.3			889 J. J. J.	4852	2572311	2011.555211		
1.11555	2201	19	(2)	N. 52	1357	1.39	98508	6 55 A.55
ζ,	2	3	25	(%)	34 1	<i>64</i> 00	0849	638
.3	1.03	?		<i>5</i>	64 65	64 C	080%	909 799
y 0 (2)		0	62	50	<i>64</i> 90	E# E#	0.8% 0.8% 0.8% 0.0% 0.0%	કુલુક
	ĵ.		60	50	84940	# 20	0,55%	£05
	5	<i>-</i>	63	50	648 CC	84185	00%	60a 60a
15:		5	48	50	845.40 848.20 848.89 849.28	<i>84</i> 8.20	004%	606
. 53	37	5	5-	-	649.25	34820	0.08%	636
, é	ó	ź.		24	649 B	348 55	0.60%	636
) (3)	5	ż	23 05	É	349.60	248 88	060%	şjs
23	3	ć	Q2	22	649 6 649 60 649 69	84 C 84 84 84 80 84 86 848 C 848 C 848 S 848 S 848 S 848 S	080% 080% 080%	ege
	_	á	3ª		[ <del>26</del> 60]	343 B	53%	ęgs
, Ç	55	S.	50		84972	649.89	04%	ege
72	ŷ.	3	2.5	5	64970 64970 64000 64040	- 33.40	0000	979
5			18	5	<i>3804</i> 0	650.0	058%	£J\$
	<u> </u>		54	24	1 22 25	88000	27%	5.5
~£		25		<u>_</u> -	843 5	34848 34848	01% 0.80%	ક્ટુક
2000	25	24	22 22	24	648 48 648 48 648 48 648 60 648 60 648 40	649 88 38 40 380 00 680 00 648 48 648 00 648 00 648 00 648 00 648 00	0.10%	979
220	25	Sá	ě?	5	342 OO	#800	25%	કડુક
	1.03		Ĉź	6	64678	- 34330	050%	49
,25	~_	18	35	-	64640	848.00	0304	<i>€</i> 35
<i>.5</i> 0	23	50	£0	-	243.25	<i>648.</i> 00	0.60%	કઉક
77.2	5	3.0 2.0	£2		646 26	<i>848</i> 00	0,50%	ege
35	54	55	3	£ ,	64626 680.8	34972	0/0%	838
.34	35	56	<i>8</i> 5	Ĝ	8808	∉80 <del>8</del>	070% 070%	e je
.56	53	<b>5</b> 5		5	<i>65</i> 59	- 8808	0.40% 0.40% 0.00% 0.46%	EÇE
5	55	5	230 81	-	335 O5	649.25	0.00%	é Je
53	53	<b>5</b> 8		-	395.99	885 C5	045%	636
.59	40	52	32		<i>885</i> 80	88588	0584	e(e
بد		4	ć	5	645 9	£2 £2	2544	838
	25	20	23		392.85	248 55	87°\$	şjs
J#5	خد	45	EF.	5	<i>88</i> 550	88288	5¥	ege
12.2	45	22	3	5	335.80	88550	0.28%	636

STORM STRUCTURE SCHEDULE							
59.77.99	39.33	<i>5</i> !!					
1,11399	1.55	22.80°.	9.59 1 (2015)	380.30%			
(3)	337.5	34874	84400 (M.) 840 84 (8) 840 48 (M.)	£, 000			
Ş	শঙ্গু ট	646	84600 (U.), 860 84 (E), 860 68 (.) 86 0 (V.) E	245.4 CC28			
0	785 7853 7853		£ 6	284,3 CC48 (878)			
	1.89J.3	<i>364</i> 00	24 20	3,000-39/3			
-	শুক্তু ট	655 00 655 00 651 00	84188 (,84040 (%) 848 00	£1,000			
8	1.89j.)	88100	#6D0	£,000-8848			
5-	1893 1893	35110	1 1 2 7 7	£U020			
Ž.	V25 9	<i>6</i> 8480	848 88 NM 5. (848 00 CL)	£,000			
5	350	6666	248 80 C. 1. 5. 2.	£,000			
÷.	4.88	688 61 68480 688 00	8808000, 849,8187 lb	£U020			
_		888.00	<i>69</i>	\$1,000 - 1884 B			
(I)	1,37 1,63,3	<i>656</i> 00	689 16 868 6 (A76, 368 00 0 0 868 60 0 75, 5, 660 60 0 76, 669 6 (676) 66 60 0 7, 669 68 (676) 860 0 0 7, 669 68 (676)	£ 000			
Ŷ	435	1/2	<i>6</i> 42.00	323			
20	335	1,73	<i>6</i> 50 0	(2)%			
	725	12.5	680 0 680 PO	929			
	4,85	666.00	242 5111 260 00 111	8,008 8,000 - 888 8 688			
25	1,89	68550	64848	£U000 - 565+ 18			
22	335		<i>848</i> 00	323			
25	225 225 425	1,74	248 48 248 00 248 00	[27]			
· -	N.55 ;	<i>35</i> 00	84840 (87,84890 (90 84800	249.4 G28			
-3	-35 -35	1. 3	<i>646.</i> 00	99			
22	325	1//2	648.00 648.00	979			
\$0 20	325	1./4	848.00	1975			
107	325	1,12	846 D8 846 DD	999			
50	986 7,88 3	1/2	848 OO	29/2			
35		<i>656</i> 10	(49°C)	£, 000 - 568 / 8			
5)	1,855 J	<i>858</i> 10	880 B	\$1,000 - 38\$ r 18			
<i>7</i> .	1,333	88400	6606	£,008 £,008			
<i>5.</i> 5	1.65 3	888.00	38 <b>5</b> 8	2,00%			
5	7,855.5	38110	ê49.2 <del>a</del>	£ 000			
86 88 87	1,55 3	884 00 888 00 881 10 881 10 881 10	680 8 68 88 648 28 688 08 688 88	£,000			
52	1.69.1	3511D	655.55	£1000			
4Ĵ	7.85	8800 174	885 BD	£,020			
į.	7.85) 3 7.65) 3 7.65) 3 7.85) 3 7.85) 3 7.85) 3 7.85) 3	1,/2	de de	(9:7%)			
40 45	7,85 <u>3</u> .3	<i>855</i> 00	246 88 N. (846 1816/6)	\$U000 +888+ 8			
45	7.55 3	35110	\$80.88	2,000			
55	1,55 <u>3</u> 2	68710 68110 68110	650 55 655 80 64-64 648 66 ( N. ) 645-6 (675) 660 68 665 60 665 80	\$1,000 \$1,000 \$1,000 \$1,000 \$2,000 \$2,000 \$1,000 \$1,000 \$1,000			
45	1.555 3	<i>35</i> 110	<i>88</i> 5.50	£, 000			

LIMESTURE ACCREGATE
(SLAG IS NOT PERMITTED)
BEOOMG/MALINCHING
MOOT #8 CRUSHED
LIMESTURE ACCREGATE
(SLAG IS NOT PERMITTED) PIPE BEDDING DETAIL FOR TRENCH IN GRASS AREAS TOP OF RIM CONCRETE FILLET - 3500 LB. CONCRETE 3" MIN. STONE CUSHION GRADATION #53 (OR EQUAL) STANDARD INLET (INLET) NOT TO SCALE (NEENAH R-1772C OR EQUAL) SET TOP OF MANHOLE FRAME FLUSH WITH PAVEMENT OR GROUND BITUMASTIC SEALT & UNDER(DIA) = 48" (DIA) FOR ALL SANITARY SEWER STRUCTURES

1 STANDARD 1020- TYPE "A" (HD) TRAFFIC AREA
2 WATERTIGHT 1020-TYPE "A" (MD) NON-TRAFFIC REINF. CONC. ADJUSTING RING(S) AS REO'D, TOTAL 8" MAX \_\_\_\_ EAST JORDAN NO 2'-0" (OR EQUAL) 18 SQ OR RD E-Z STIK SEAL OR EQUAL CONTINUOUS AT ALL JOINTS, UNDER WH FRAME AND ADJUSTING PRECAST REINF CONC. MH RISER (ASTM C478) UNLESS NOTED OTHERWISE PIPE SHALL EXTEND INTO M.H. NO MORE THAN 6" FORMED CONC. FLOW CHANNEL WALL & BENCH -PRECAST REINF CONC. BASE ON 6" INDOT -#53 COMPACTED
AGGREGATE BASE — \* MANHOLE WALL THICKNESS TABLE MH I.D. WALL THICKNESS

TYPE "A" MANHOLE

ALL MANHOLES.

INC., OR EQUAL, AT 16" O.C. (MAX)

'-0" O.D. 1'-0"

THE WALL THE TANK THE PERSON

# MANHOLE (TYPE A)

1. EXTERNAL MH FRAME-CHIMNEY SEAL AS MANUFACTURED

\*\* FOR PIPE SIZE RANGING FROM8" TO 30" IN DIAMETER.

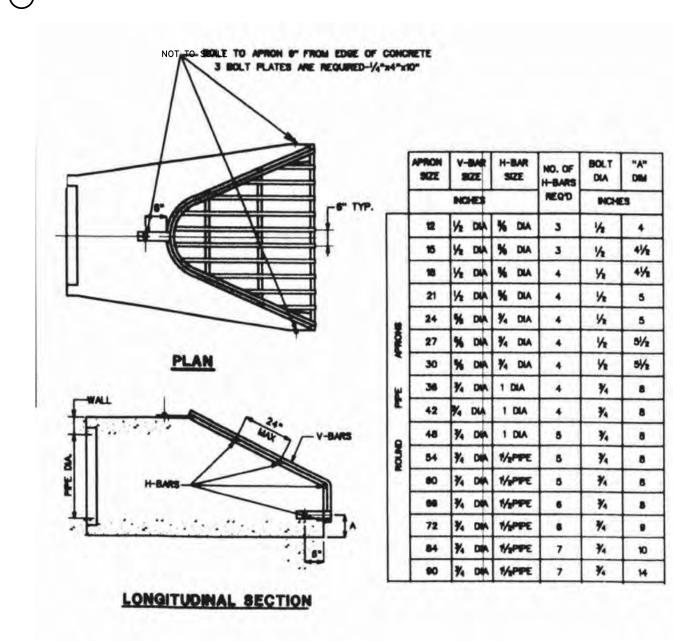
BY CRETEX SPECIALTY PRODUCTS OR EQUAL REQ'D FOR

2. WHERE DEPTH FROM TOP OF CASTING TO INVERT IS LESS THAN

5'-0". USE FLAT TOP MANHOLE TYPE "C" IN LIEU OF ECCENTRIC CONE.

3. WATERTIGHT SEAL IS REQ'D BETWEEN PRECAST RISER AND SEWER PIPE

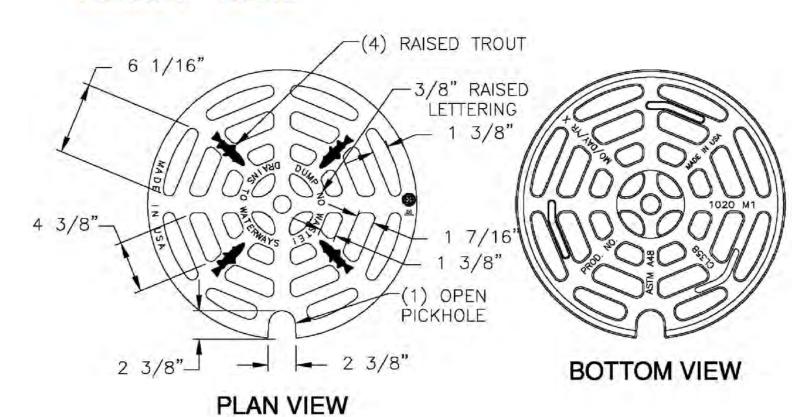
4. COPOLYMER/STEEL MH STEPS AS MANUFACTURED BY M.A. INDUSTRIES,

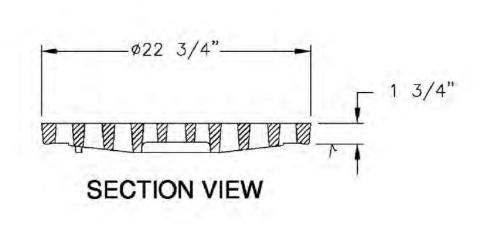


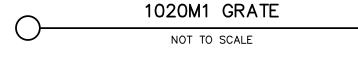
1. BARS AND PLATES AND HOT-ROLLED STEEL.
2. BARS, PLATES AND PPE AND FROMED WITH 2 COATS OF ALUMBAM PART. 3. BOLTS ARE GALVANIZED.

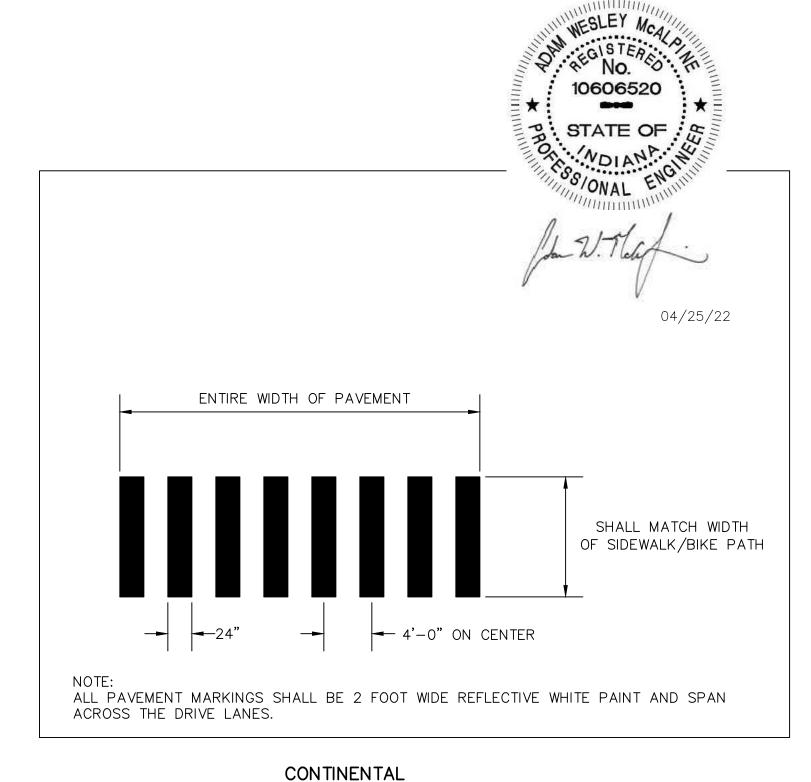
> GRATING DETAIL (GRATE) NOT TO SCALE

1020M1 Grate



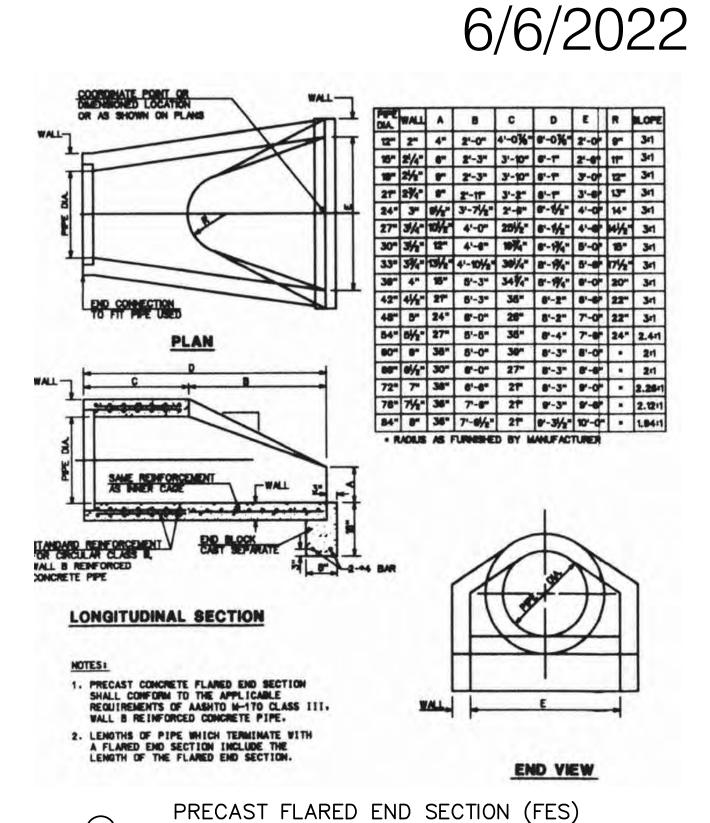






CROSSWALK DETAIL

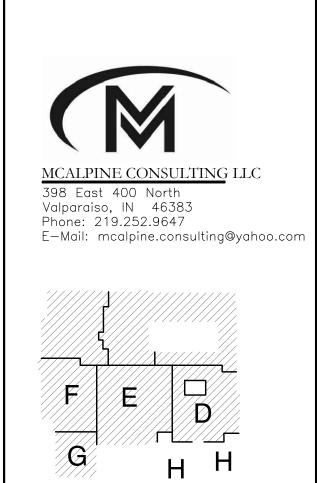
ADDENDUM #7 AWM CHECKED BY AWM



NOT TO SCALE



**PROJECT** LIBERTY INTERMEDIATE SCHOOL -ADDITIONS AND RENOVATIONS DUNELAND SCHOOL CORPORATION CHESTERTON, INDIANA



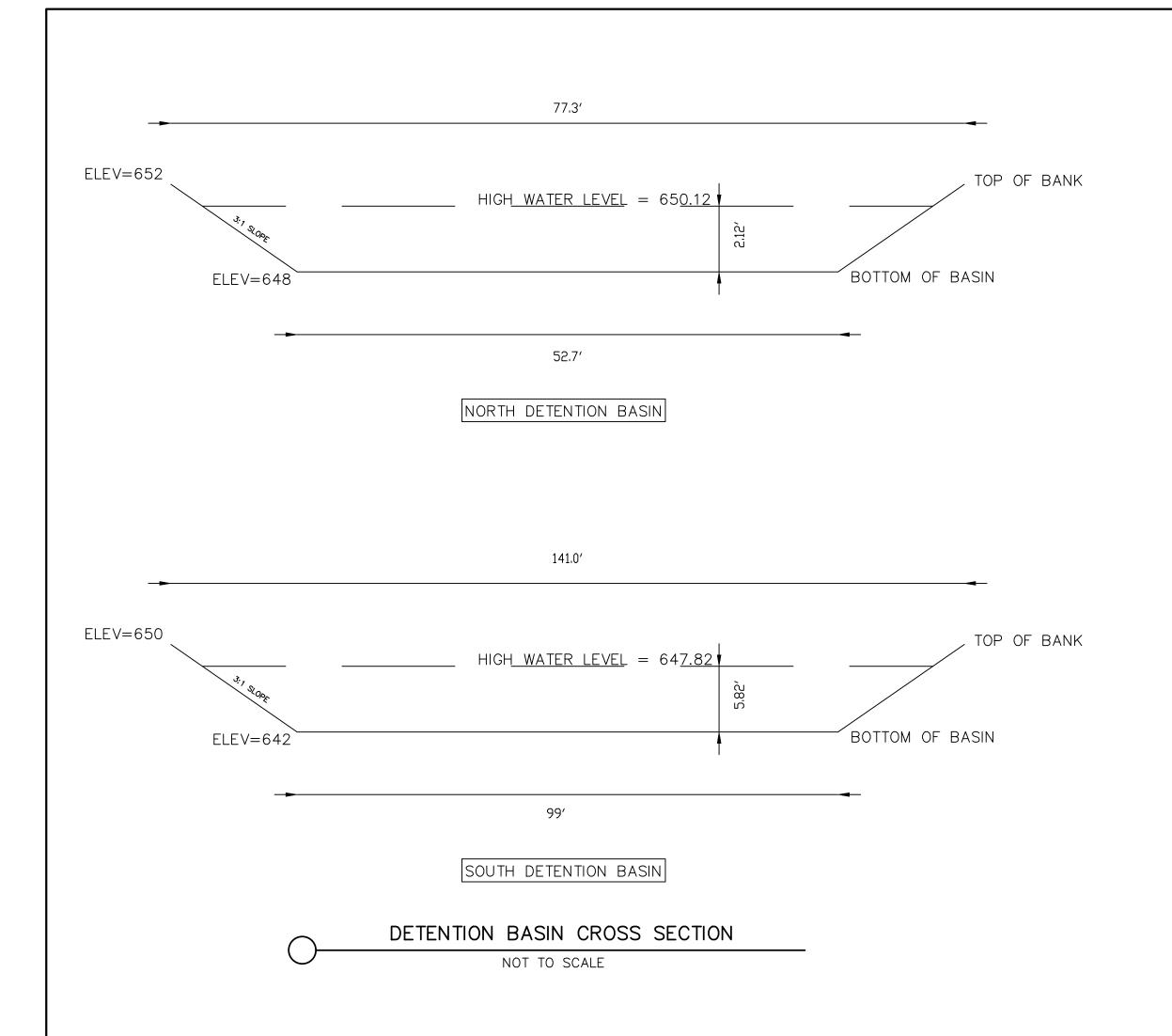
GIBRALTAR DESIGN 9102 N. Meridian St., Ste. 300 Indianapolis, IN 46260 omepage www.GibraltarDesign.com Email info@GibraltarDesign.com Phone 317.580.5777 Fax 317.580.5778 21 - 13904/25/22 COORDINATED E AWM DRAWN BY

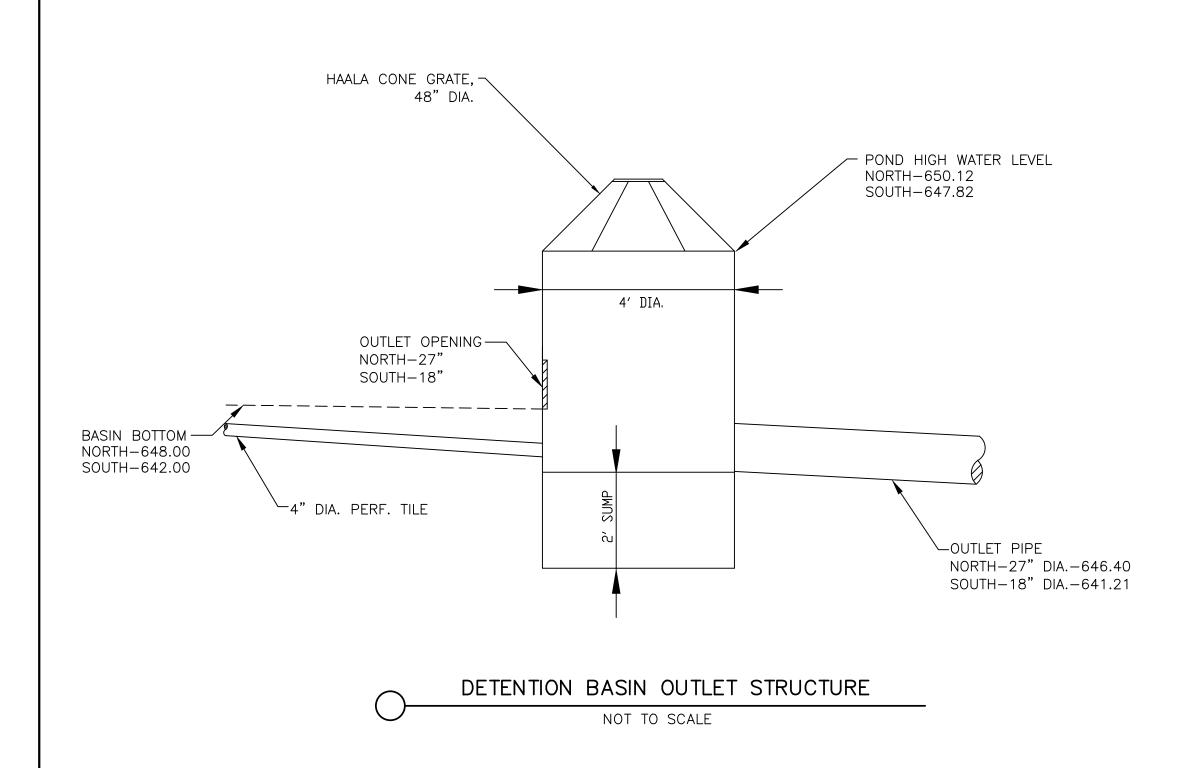
AWM	1	
THE CON THIS DOO WERE CR THIS INF FOR ANY OF GIBRA	CUMENT ARE THE REATED FOR USE ORMATION SHALL PURPOSE WITHO ALTAR DESIGN. TI TION AND REFERI	, PLANS, DETAILS, ETC, SHOWN ON PROPERTY OF GIBRALTAR DESIGN AND ON THIS SPECIFIC PROJECT. NONE OF BE USED BY ANY PERSON OR FIRM OUT THE EXPRESS WRITTEN CONSENT HE OWNER MAY RETAIN COPIES FOR ENCE IN CONNECTION ONLY WITH THIS
REVIS	IONS	
MARK	DATE	ISSUED FOR
DRAW	/ING	
DET	TAILS &	SPECIFICATIONS

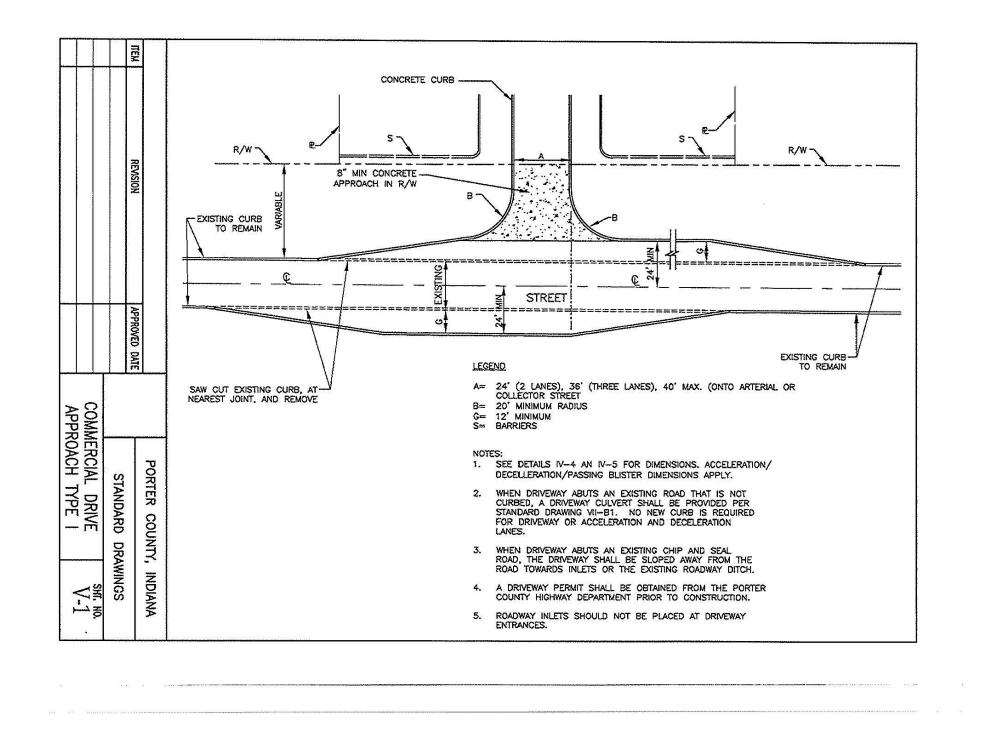
LIBERTY IS -ADDITIONS AND RENOVATIONS ) GIBRALTAR DESIGN SHEET C-5.

STORM SEWER SCHEDULE

STORM STRUCTURE SCHEDULE







DRIVEWAY APPROACH IN RIGHT OF WAY



LIBERTY
INTERMEDIATE
SCHOOL ADDITIONS AND
RENOVATIONS
DUNELAND SCHOOL CORPORATION
CHESTERTON, INDIANA

MCALPINE CONSULTING LLC

398 East 400 North
Valparaiso, IN 46383
Phone: 219.252.9647
E-Mail: mcalpine.consulting@yahoo.com



G	GIBRALTAR 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								
DATE 04/	-139 (25/22 DINATED BY	′						
DRAWN AWN CHECK AWN	(ED BY							
COPYRIGHT NOTICE:  THE CONCEPTS, DESIGNS, PLANS, DETAILS, ETC, SHOWN ON THIS DOCUMENT ARE THE PROPERTY OF GIBRALTAR DESIGN AND WERE CREATED FOR USE ON THIS SPECIFIC PROJECT. NONE OF THIS INFORMATION SHALL BE USED BY ANY PERSON OR FIRM FOR ANY PURPOSE WITHOUT THE EXPRESS WRITTEN CONSENT OF GIBRALTAR DESIGN. THE OWNER MAY RETAIN COPIES FOR INFORMATION AND REFERENCE IN CONNECTION ONLY WITH THIS PROJECT.								
REVIS	IONS							
MARK	DATE	ISSUED FOR						

INFORMATION SHALL BE USED BY ANY PERSON OR FIRM ANY PURPOSE WITHOUT THE EXPRESS WRITTEN CONSENT GIBRALTAR DESIGN. THE OWNER MAY RETAIN COPIES FOR REMATION AND REFERENCE IN CONNECTION ONLY WITH THIS JECT.

VISIONS

RK DATE ISSUED FOR

DRAWING
DETAILS & SPECIFICATIONS

PROJECT
LIBERTY IS ADDITIONS AND RENOVATIONS

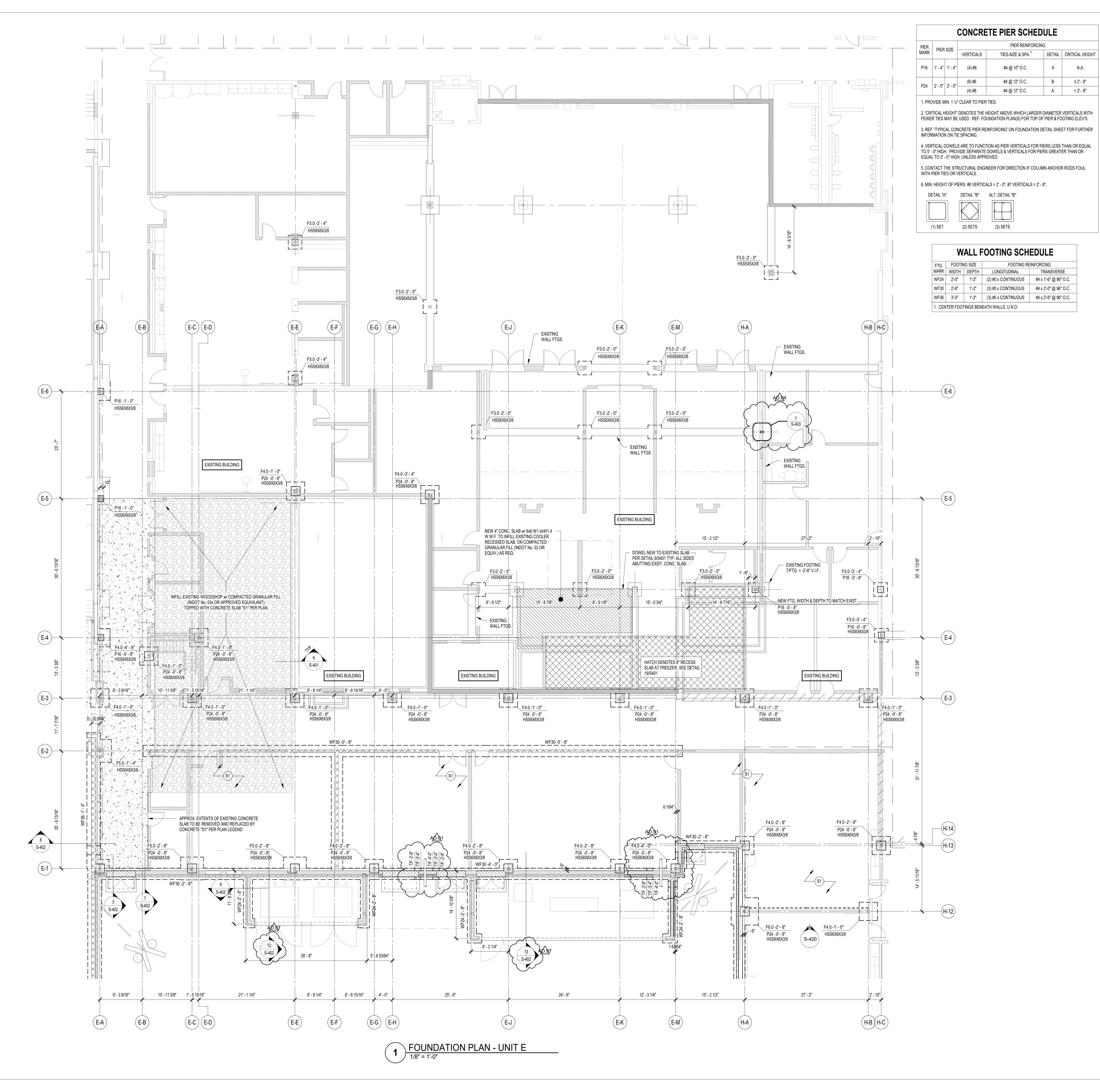
ADDITIONS AND RENOVATIONS

© GIBRALTAR DESIGN

SHEET

C-5.2

ADDENDUM #7 6/6/2022



#### **FOUNDATION PLAN NOTES**

1. REF. S-001 FOR STRUCTURAL NOTES, DESIGN DATA & SCHEDULES.

2. ALL CONTRACTORS ARE REQUIRED TO COORDINATE THEIR WORK WITH ALL DISCIPLINES TO AVOID CONFLICTS. THE MECHANICAL, ELECTRICAL, AND PLUMBING ASPECTS ARE NOT IN THE SCOPE OF THESE DRAWINGS. THEREFORE, ALL REQUIRED MATERIALS AND WORK MAY NOT BE INDICATED.

3. COORDINATE EXACT SIZE & LOCATION OF ALL MECHANICAL OPENINGS IN FOUNDATION

WALLS WITH THE MECHANICAL, ELECTRICAL & PLUMBING CONTRACTORS.

4. ALL ELEVATIONS ARE REFERENCED FROM THE EXISTING FIRST FLOOR FINISH FLOOR

ELEVATION 0'-0" REF. CIVIL DWGS. 5. REF. ARCH. DRAWINGS FOR ALL DIMENSIONS NOT SHOWN. CONTRACTOR SHALL VERIFY ALL DIMENSIONS PRIOR TO CONSTRUCTION AND IMMEDIATELY NOTIFY ARCHITECT/ENGINEER

OF ANY DISCREPANCIES. 6. REF. S400 & S401 FOR TYPICAL FOUNDATION DETAILS.

7. NOTE: PERIMETER WALL AND COLUMN FOOTINGS SHALL BE LOWERED AND/OR SLEEVED TO PASS BELOW PLUMBING LINES (I.E. SANITARY & STORM SEWERS, WATER LINES, ETC.) SHOWN ON THE PLUMBING DRAWINGS. PROVIDE FOOTING STEPS AS REQUIRED PER THE TYPICAL DETAILS ON S-400.

8. ALL SLAB RECESSES SHALL BE LOCATED PER THE ARCHITECTURAL DRAWINGS. COORDINATE DEPTHS OF ALL SLAB RECESSES WITH THE ARCHITECTURAL DRAWINGS AND/OR THE FLOORING SUPPLIER.

9. COORDINATE REINFORCING DOWELS FOR CMU VERTICAL REINFORCING WITH REINF. NOTED ON PLANS & SECTIONS.

10. GROUT ALL CORES OF CMU BELOW FINISH FLOOR SOLID.

11. COLUMN FOOTINGS, TRENCH FOOTINGS AND WALL FOOTINGS SHALL BEAR ON APPROVED SOIL. UNDERCUT AS REQ'D TO SUITABLE BEARING MATERIAL AS DETERMINED BY THE

12. COLUMN FOOTINGS SUPPORTING MORE THAN ONE COLUMN SHALL BE CENTERED AT THE MIDPOINT BETWEEN THE COLUMNS, UNLESS NOTED OTHERWISE ON PLAN.

13. PROVIDE CONTINUOUS 4" H. x W. VARIES CONCRETE CURB ON ACOUSTIC ISOLATION SLABS IN MECHANICAL ROOMS. CURBS TO SURROUND ALL PENETRATIONS THRU SLAB INCLUDING COLUMNS, PIPES, SUMP PITS, ETC.

GEOTECHNICAL TESTING AGENCY. REF. TYPICAL FOOTING UNDERCUT DETAILS ON \$400.

14. ALL EX. CONSTRUCTION SHOWN IN PLAN AND/OR SECTION WAS DERIVED FROM EXISTING DRAWINGS AND MUST BE FIELD VERIFIED. IF ANY DISCREPANCIES ARE DISCOVERED BETWEEN INFO. SHOWN ON THE DRAWINGS AND ACTUAL CONDITIONS IMMEDIATELY CONTACT ARCHITECT/ENGINEER FOR DIRECTION BEFORE PROCEEDING WITH THE WORK.

DETAILS ON S401 FOR THICKENED SLAB DETAIL. LAYOUT THICKENED SLABS FROM DIMENSIONS ON THE ARCHITECT FLOOR PLANS. 16. PROVIDE CONTROL/CONTRACTION JOINTS IN SLABS ON GRADE (REF. THE TYPICAL DETAILS ON SHEET S-400). ALL JOINTS IN SLABS TO RECEIVE THIN OR THICK-SET TERRAZZO,

CERAMIC OR PORCELAIN TILE, VINYL-COMPOSITION TILE (VCT) OR VINYL SHEET GOODS,

EPOXY OR SIMILAR THIN-FILM FINISH FLOORING SHALL BE CAREFULLY COORDINATED WITH

15. PROVIDE THICKENED SLAB UNDER ALL INTERIOR CMU WALLS WITHOUT FOOTINGS. SEE

THE FLOORING CONTRACTOR. THE CONTRACTOR SHALL SUBMIT SLAB JOINT LAYOUT TO ARCHITECT/ENGINEER FOR REVIEW PRIOR TO PLACING SLABS. 17. WHERE PIERS OCCUR WITHIN A LARGER ARCH. PILASTER OR COLUMN ENCLOSURE (FOR EG. P24's WITHIN 40" SQUARE CANOPY PILASTERS) PROVIDE PIER REINF. CAGE CENTERED ON

THE GRID INTERSECTION. FORM OVERALL PIER TO PROFILE OF THE ARCHITECTURAL PILASTER OR COLUMN ENCLOSURE. LAYOUT PILASTERS FROM DIMENSIONS ON THE ARCHITECTURAL PLANS & DETAILS. 18. AT ALL LOCATIONS WHERE NEW FOOTINGS ARE TO BE INSTALLED IN EXISTING SPACES

REMOVED EXISTING CONCRETE SLABS AND OR FOUNDATION WALLS / WALL FOOTINGS AS REQUIRED. NEW SLABS TO BE DOWELED TO EXISTING PER DETAIL 6/S-401. 19. PLAN LEGEND:

DENOTES FINISH FLOOR DENOTES TOP OF FTG., GRADE BEAM, SLAB, PIER, ETC. DENOTES BOTTOM OF FTG., GRADE BEAM, ETC. DENOTES SLAB ON GRADE CONTROL/CONTRACTION JOINT WF30 -20'-0" DENOTES WALL FOOTING MARK & TOP OF FOOTING ELEVATION (SEE WALL FOOTING SCHEDULE) DENOTES NEW 4" CONC. SLAB w/ "FIBERFORCE 300" FIBERS @

1.5 LB/C.Y. (OR EQUAL) & **◄** (S1) **►** E5 INTERNAL CURE ADMIXTURE@ 4 OZ/CWT & E5 CATALYST SPRAYED ON BETWEEN 800-1,000 SF/GAL OVER 15-MIL VAPOR BARRIER OVER 6" COMPACTED GRANULAR FILL (NO. 53. STONE OR APPROVED EQUIVALENT). T/CONC. = 0'-0" DENOTES NEW 6" CONC. SLAB w/ 6x6 W2.9 x W2.9 W.W.F. & E5 INTERNAL CURE ADMIXTURE@ 4 OZ/CWT & **⊸**(S2)**⊸** E5 CATALYST SPRAYED ON BETWEEN 800-1,000 SF/GAL

OVER 15-MIL VAPOR BARRIER OVER 6" COMPACTED

GRANULAR FILL (NO. 53. STONE OR APPROVED EQUIVALENT). T/CONC. = 0'-0" DENOTES NEW 4" CONC. SLAB w/ "FIBERFORCE 300" FIBERS @ ✓ (S3) 
✓ 1.5 LB/C.Y. (OR EQUAL) OVER 15-MIL VAPOR BARRIER T/CONC. = MATCH EXISTING

→ (SE) → DENOTES EXISTING SLAB ON GRADE

DENOTES PIPE PENETRATION THROUGH FOUNDATION WALL COORDINATE EXACT LOCATION & INVERT ELEVATION w/ APPROPRIATE TRADE. LOWER BOTTOM OF FOOTING & PROVIDE SLEEVE THROUGH FOUNDATION WALL PER TYPICAL DETAIL ON S400.

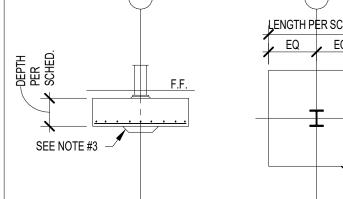
DETAIL ON S400

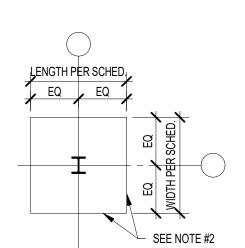
DENOTES WALL FOOTING WITH STEPS, REF. TYP. -2-8" -4-0" -5-4" ## ## - DENOTES COLUMN FOOTING MARK & TOP OF FTG. ELEVATION (SEE FTG. SCHED.) DENOTES PIER MARK & TOP OF PIER DENOTES COLUMN — ELEVATION (SEE PIER SCHED.) SIZE (REF. FRAMING PLANS FOR STUB HSS6x6x3/8 COL'S NOT ON FDNS) CONCRETE PIER DENOTES COLUMN BASE PLATE (SEE DETAILS ON SXXX) STEEL COLUMN -+--

REINFORCING		FOOTING SIZE		FOOTING
(EACH WAY)	DEPTH	LENGTH X	WIDTH >	MARK
(4) #5 x 3'-6"	1'-2"	4'-0"	4'-0"	F4.0
(5) #5 x 4'-6"	1'-2"	5'-0"	5'-0"	F5.0
(7) #5 x 5'-6"	1'-2"	6'-0"	6'-0"	F6.0
(8) #7 x 8'-6"	1'-10"	9'-0"	9'-0"	F9.0
(9) #7 x 9'-6"	2'-0"	10'-0"	10'-0"	F10.0
(11) #7 x 10'-6	2'-2"	11'-0"	11'-0"	F11.0

1. CENTER FOOTINGS BENEATH COLUMNS, U.N.O. 2. ALL FOOTINGS MUST BE BOARD-FORMED, UNLESS APPROVED 3. INCREASE FOOTING DEPTH WHERE REQ'D TO ENCASE COLUMN ANCHOR RODS

NOTE: WF STEEL COLUMN SHOWN, TUBES, PIPES, C.I.P. CONCRETE, PRECAST & MASONRY COLUMNS SIM.





**GIBRALTAR** 

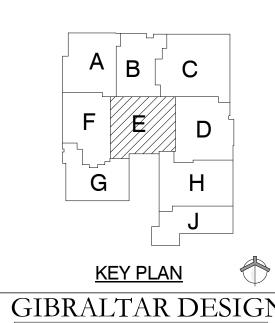
DESIGN

ARCHITECTURE • ENGINEERING • INTERIOR DESIGN

PROJECT

**LIBERTY INTERMEDIATE** SCHOOL -**ADDITIONS & RENOVATIONS** 

DUNELAND SCHOOL CORPORATION CHESTERTON, INDIANA



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** 21-139 DATE 4-25-2022 **COORDINATED BY** 

**DRAWN BY** 

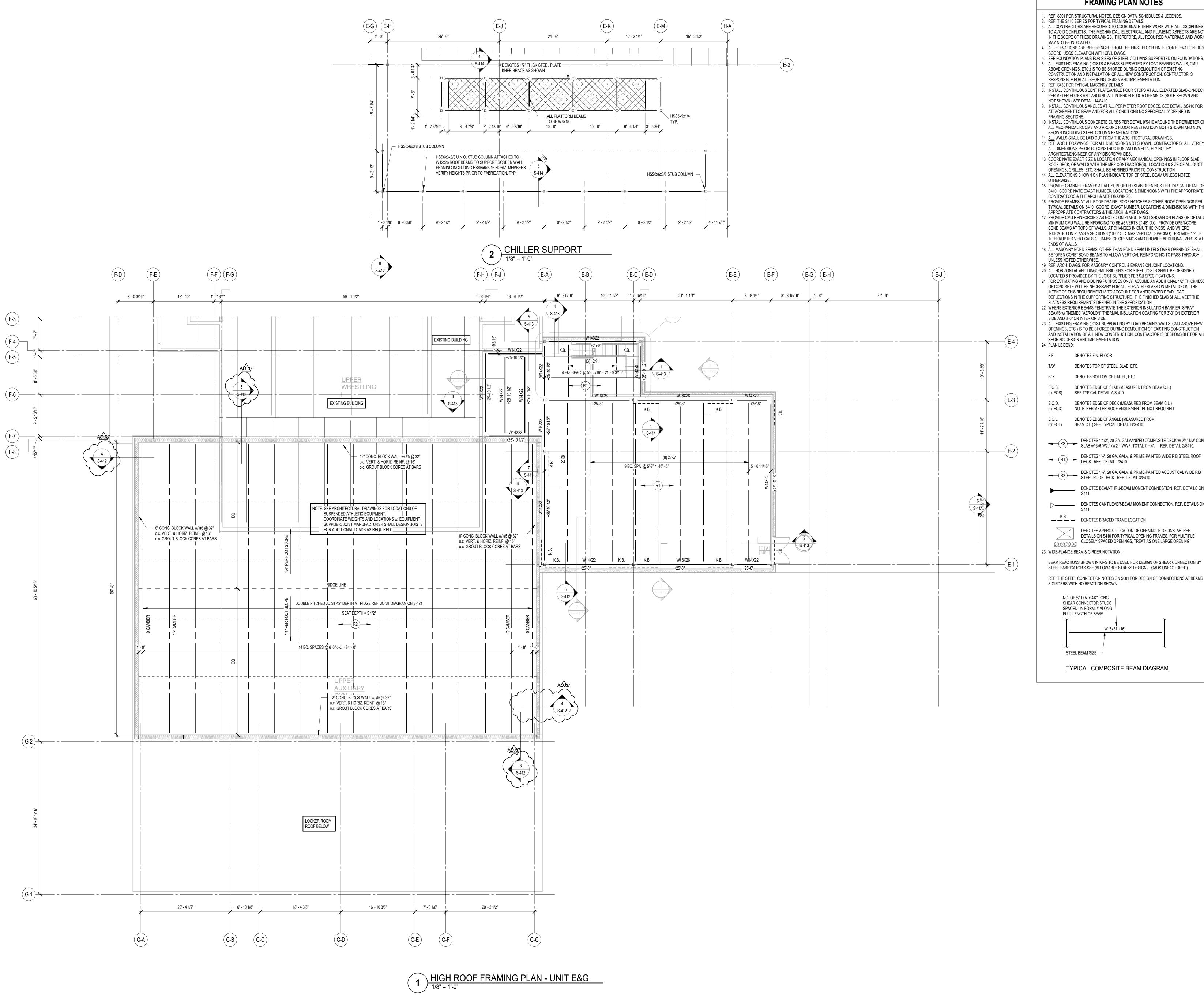
**CHECKED BY** 

THE CONCEPTS, DESIGNS, PLANS, DETAILS, ETC, SHOWN ON THIS DOCUMENT ARE THE PROPERTY OF GIBRALTAR DESIGN AND WERE CREATED FOR USE ON THIS SPECIFIC PROJECT. NONE OF THIS INFORMATION SHALL BE USED BY ANY PERSON OR FIRM FOR ANY PURPOSE WITHOUT THE EXPRESS WRITTEN CONSENT OF GIBRALTAR DESIGN. THE OWNER MAY RETAIN COPIES FOR INFORMATION AND REFERENCE IN CONNECTION ONLY WITH THIS

REVISIONS				
MARK	DATE	ISSUED FOR		
AD-0.1	5/5/2022	ADDENDUM #1		
AD-0.4	5/18/2022	ADDENDUM #4		
AD-0.7	6/6/2022	ADDENDUM #7		

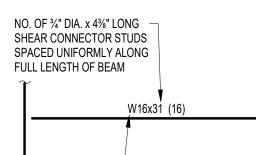
LIBERTY IS - ADDITIONS &

**RENOVATIONS** 



#### FRAMING PLAN NOTES

- 1. REF. S001 FOR STRUCTURAL NOTES, DESIGN DATA, SCHEDULES & LEGENDS.
- 2. REF. THE S410 SERIES FOR TYPICAL FRAMING DETAILS. 3. ALL CONTRACTORS ARE REQUIRED TO COORDINATE THEIR WORK WITH ALL DISCIPLINES TO AVOID CONFLICTS. THE MECHANICAL, ELECTRICAL, AND PLUMBING ASPECTS ARE NOT IN THE SCOPE OF THESE DRAWINGS. THEREFORE, ALL REQUIRED MATERIALS AND WORK
- MAY NOT BE INDICATED. 4. ALL ELEVATIONS ARE REFERENCED FROM THE FIRST FLOOR FIN. FLOOR ELEVATION +0'-0". COORD. USGS ELEVATION WITH CIVIL DWGS. 5. SEE FOUNDATION PLANS FOR SIZES OF STEEL COLUMNS SUPPORTED ON FOUNDATIONS.
- 6. ALL EXISTING FRAMING (JOISTS & BEAMS SUPPORTED BY LOAD BEARING WALLS, CMU ABOVE OPENINGS, ETC.) IS TO BE SHORED DURING DEMOLITION OF EXISTING CONSTRUCTION AND INSTALLATION OF ALL NEW CONSTRUCTION. CONTRACTOR IS RESPONSIBLE FOR ALL SHORING DESIGN AND IMPLEMENTATION.
- 7. REF. S430 FOR TYPICAL MASONRY DETAILS 8. INSTALL CONTINUOUS BENT PLATE/ANGLE POUR STOPS AT ALL ELEVATED SLAB-ON-DECK PERIMETER EDGES AND AROUND ALL INTERIOR FLOOR OPENINGS (BOTH SHOWN AND
- 9. INSTALL CONTINUOUS ANGLES AT ALL PERIMETER ROOF EDGES. SEE DETAIL 3/S410 FOR ATTACHEMENT TO BEAM AND FOR ALL CONDITIONS NO SPECIFICALLY DEFINED IN FRAMING SECTIONS. 10. INSTALL CONTINUOUS CONCRETE CURBS PER DETAIL 9/S410 AROUND THE PERIMETER OF ALL MECHANICAL ROOMS AND AROUND FLOOR PENETRATIOSN BOTH SHOWN AND NOW
- SHOWN INCLUDING STEEL COLUMN PENETRATIONS. 11. ALL WALLS SHALL BE LAID OUT FROM THE ARCHITECTURAL DRAWINGS. 12. REF. ARCH. DRAWINGS. FOR ALL DIMENSIONS NOT SHOWN. CONTRACTOR SHALL VERIFY ALL DIMENSIONS PRIOR TO CONSTRUCTION AND IMMEDIATELY NOTIFY
- ARCHITECT/ENGINEER OF ANY DISCREPANCIES. 13. COORDINATE EXACT SIZE & LOCATION OF ANY MECHANICAL OPENINGS IN FLOOR SLAB, ROOF DECK, OR WALLS WITH THE MEP CONTRACTOR(S). LOCATION & SIZE OF ALL DUCT
- 15. PROVIDE CHANNEL FRAMES AT ALL SUPPORTED SLAB OPENINGS PER TYPICAL DETAIL ON S410. COORDINATE EXACT NUMBER, LOCATIONS & DIMENSIONS WITH THE APPROPRIATE
- 16. PROVIDE FRAMES AT ALL ROOF DRAINS, ROOF HATCHES & OTHER ROOF OPENINGS PER TYPICAL DETAILS ON \$410. COORD. EXACT NUMBER, LOCATIONS & DIMENSIONS WITH THE APPROPRIATE CONTRACTORS & THE ARCH. & MEP DWGS. 17. PROVIDE CMU REINFORCING AS NOTED ON PLANS. IF NOT SHOWN ON PLANS OR DETAILS, MINIMUM CMU WALL REINFORCING TO BE #5 VERTS @ 48" O.C. PROVIDE OPEN-CORE
- 18. ALL MASONRY BOND BEAMS, OTHER THAN BOND BEAM LINTELS OVER OPENINGS, SHALL BE "OPEN-CORE" BOND BEAMS TO ALLOW VERTICAL REINFORCING TO PASS THROUGH,
- UNLESS NOTED OTHERWISE. 19. REF. ARCH. DWGS. FOR MASONRY CONTROL & EXPANSION JOINT LOCATIONS.
- LOCATED & PROVIDED BY THE JOIST SUPPLIER PER SJI SPECIFICATIONS. 21. FOR ESTIMATING AND BIDDING PURPOSES ONLY, ASSUME AN ADDITIONAL 1/2" THICKNESS OF CONCRETE WILL BE NECESSARY FOR ALL ELEVATED SLABS ON METAL DECK. THE INTENT OF THIS REQUIREMENT IS TO ACCOUNT FOR ANTICIPATED DEAD LOAD DEFLECTIONS IN THE SUPPORTING STRUCTURE. THE FINISHED SLAB SHALL MEET THE
- 22. WHERE EXTERIOR BEAMS PENETRATE THE EXTERIOR INSULATION BARRIER, SPRAY BEAMS w/ TNEMEC "AEROLON" THERMAL INSULATION COATING FOR 3'-0" ON EXTERIOR SIDE AND 3'-0" ON INTERIOR SIDE. 23. ALL EXISTING FRAMING (JOIST SUPPORTING BY LOAD BEARING WALLS, CMU ABOVE NEW
- OPENINGS, ETC.) IS TO BE SHORED DURING DEMOLITION OF EXISTING CONSTRUCTION AND INSTALLATION OF ALL NEW CONSTRUCTION. CONTRACTOR IS RESPONSIBLE FOR ALL SHORING DESIGN AND IMPLEMENTATION.
  - DENOTES FIN. FLOOR
  - DENOTES TOP OF STEEL, SLAB, ETC.
  - DENOTES BOTTOM OF LINTEL, ETC.
  - DENOTES EDGE OF SLAB (MEASURED FROM BEAM C.L.) SEE TYPICAL DETAIL A/S-410
  - E.O.D. DENOTES EDGE OF DECK (MEASURED FROM BEAM C.L.) (or EOD) NOTE: PERIMETER ROOF ANGLE/BENT PL NOT REQUIRED
  - DENOTES EDGE OF ANGLE (MEASURED FROM
  - DENOTES 1 1/2", 20 GA. GALVANIZED COMPOSITE DECK w/ 2½" NW CONC SLAB w/ 6x6-W2.1xW2.1 WWF, TOTAL 't' = 4". REF. DETAIL 2/S410.
  - DENOTES 1½", 20 GA. GALV. & DECK. REF. DETAIL 1/S410. DENOTES 11/2", 20 GA. GALV. & PRIME-PAINTED WIDE RIB STEEL ROOF
  - DENOTES 11/2", 20 GA. GALV. & PRIME-PAINTED ACOUSTICAL WIDE RIB DENOTES 1½", 20 GA. GALV. & PRIME-PAIN STEEL ROOF DECK. REF. DETAIL 3/S410.
  - DENOTES BEAM-THRU-BEAM MOMENT CONNECTION. REF. DETAILS ON
- DENOTES CANTILEVER-BEAM MOMENT CONNECTION. REF. DETAILS ON
- R.D. DENOTES BRACED FRAME LOCATION
- DENOTES APPROX. LOCATION OF OPENING IN DECK/SLAB. REF. DETAILS ON \$410 FOR TYPICAL OPENING FRAMES. FOR MULTIPLE CLOSELY SPACED OPENINGS, TREAT AS ONE LARGE OPENING.
- 23. WIDE-FLANGE BEAM & GIRDER NOTATION:
- BEAM REACTIONS SHOWN IN KIPS TO BE USED FOR DESIGN OF SHEAR CONNECTION BY STEEL FABRICATOR'S SSE (ALLOWABLE STRESS DESIGN / LOADS UNFACTORED).
- REF. THE STEEL CONNECTION NOTES ON S001 FOR DESIGN OF CONNECTIONS AT BEAMS & GIRDERS WITH NO REACTION SHOWN.



TYPICAL COMPOSITE BEAM DIAGRAM



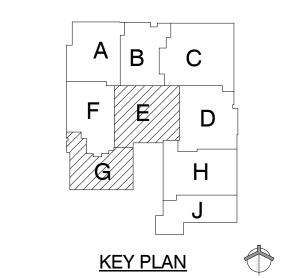
**GIBRALTAR** DESIGN

ARCHITECTURE • ENGINEERING • INTERIOR DESIGN

PROJECT

**LIBERTY INTERMEDIATE** SCHOOL -**ADDITIONS & RENOVATIONS** 

**DUNELAND SCHOOL CORPORATION** CHESTERTON, INDIANA



GIBRALTAR 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** 21-139 DATE

4-25-2022

DRAWN BY

**CHECKED BY** 

**COORDINATED BY** 

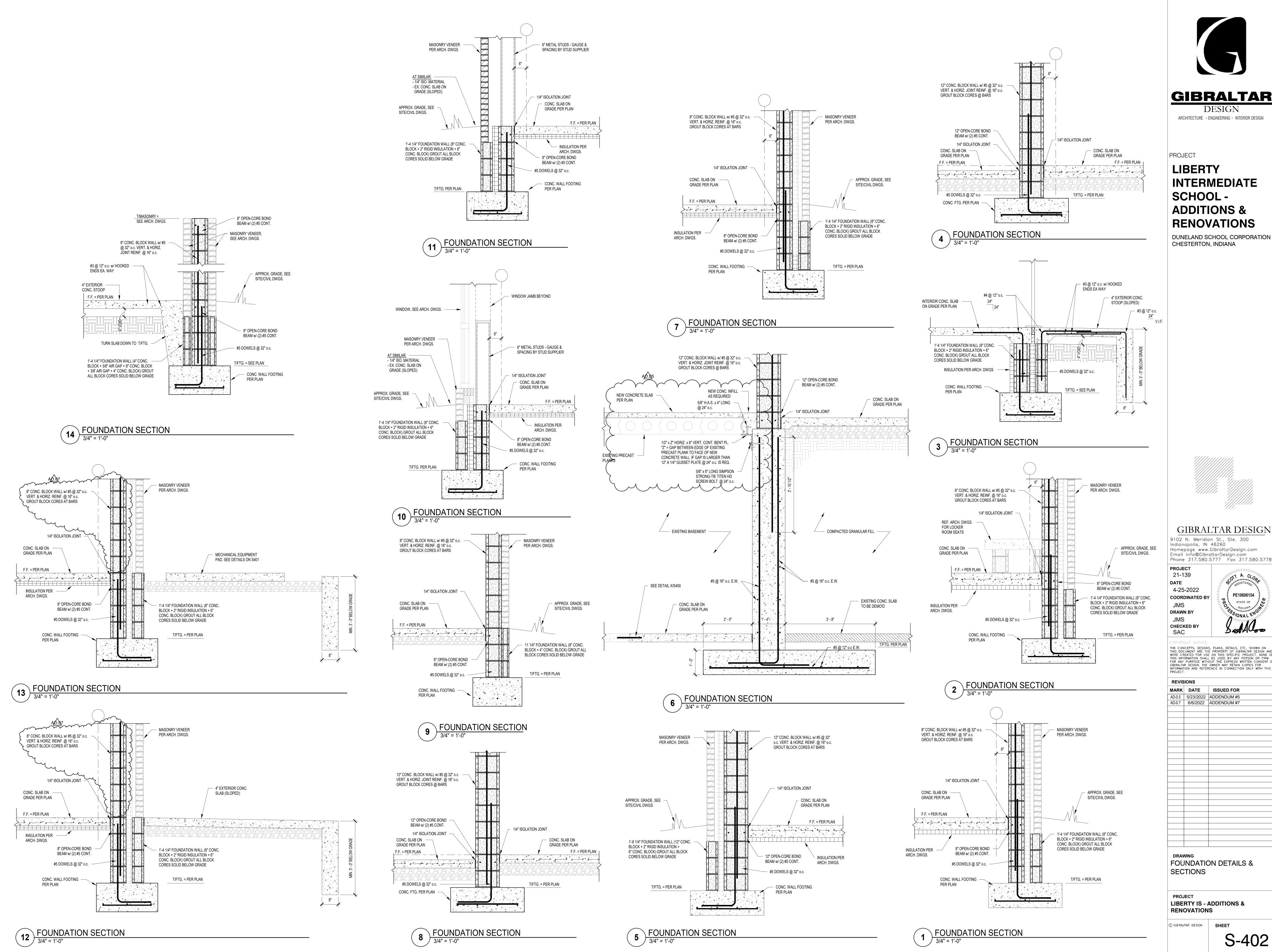
THE CONCEPTS, DESIGNS, PLANS, DETAILS, ETC, SHOWN ON THIS DOCUMENT ARE THE PROPERTY OF GIBRALTAR DESIGN AND WERE CREATED FOR USE ON THIS SPECIFIC PROJECT. NONE OF THIS INFORMATION SHALL BE USED BY ANY PERSON OR FIRM FOR ANY PURPOSE WITHOUT THE EXPRESS WRITTEN CONSENT OF GIBRALTAR DESIGN. THE OWNER MAY RETAIN COPIES FOR INFORMATION AND DESERBENCE IN CONJECTION ONLY WITH THIS INFORMATION AND REFERENCE IN CONNECTION ONLY WITH THIS

**REVISIONS** MARK DATE ISSUED FOR

AD-0.7 6/6/2022 ADDENDUM #7

MEZZANINE/HIGH ROOF FRAMING PLAN

**LIBERTY IS - ADDITIONS & RENOVATIONS** 





**DESIGN** ARCHITECTURE • ENGINEERING • INTERIOR DESIGN

PROJECT

**LIBERTY** INTERMEDIATE SCHOOL -**ADDITIONS & RENOVATIONS** 

**DUNELAND SCHOOL CORPORATION** CHESTERTON, INDIANA

GIBRALTAR DESIGN 9102 N. Meridian St., Ste. 300 Indianapolis, IN 46260 Homepage www.GibraltarDesign.com Email info@GibraltarDesign.com

**PROJECT** 21-139 4-25-2022 **COORDINATED BY** 

PE10606154 STATE OF

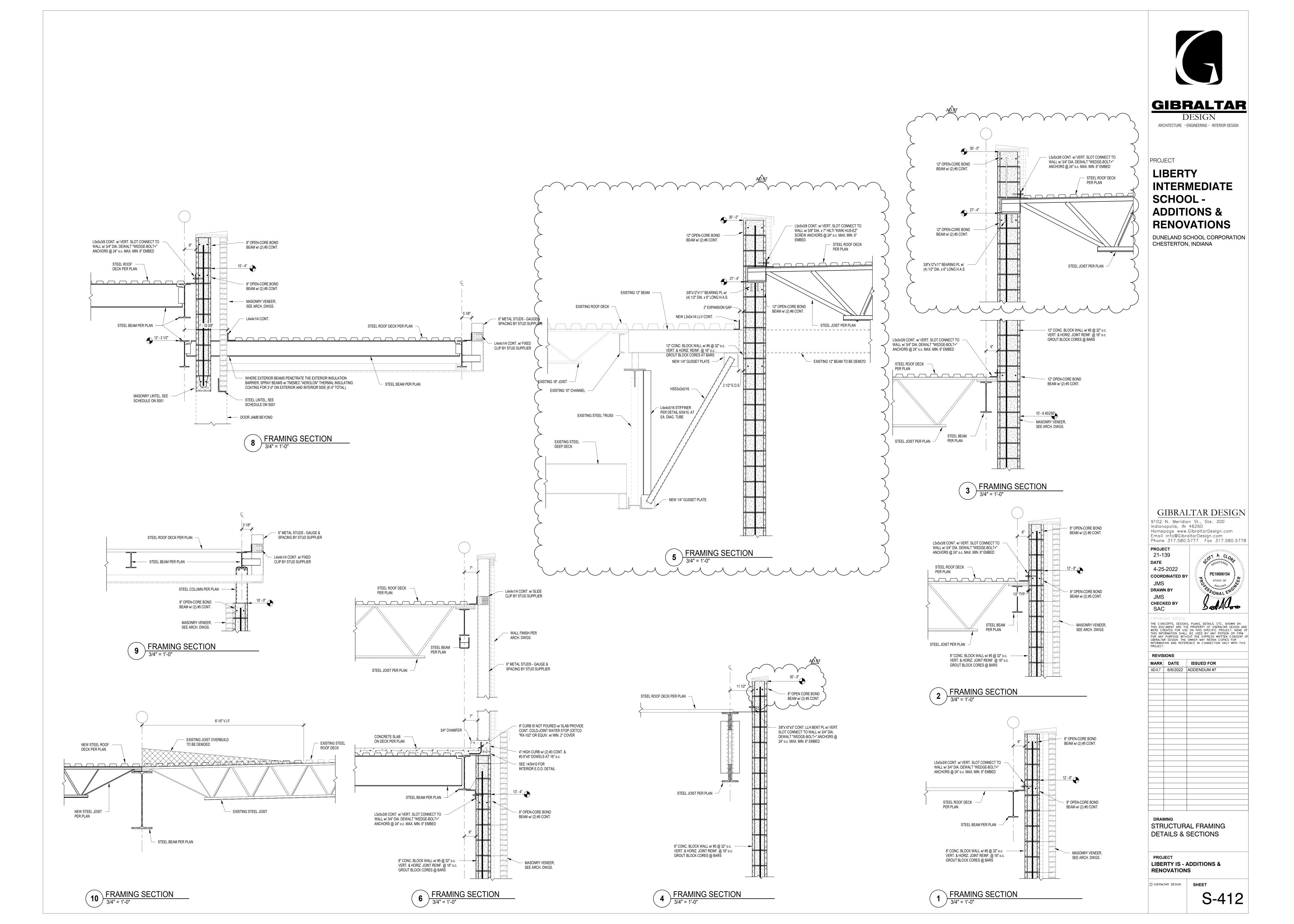
THE CONCEPTS, DESIGNS, PLANS, DETAILS, ETC, SHOWN ON THIS DOCUMENT ARE THE PROPERTY OF GIBRALTAR DESIGN AND WERE CREATED FOR USE ON THIS SPECIFIC PROJECT. NONE OF THIS INFORMATION SHALL BE USED BY ANY PERSON OR FIRM FOR ANY PURPOSE WITHOUT THE EXPRESS WRITTEN CONSENT OF GIBRALTAR DESIGN. THE OWNER MAY RETAIN COPIES FOR INFORMATION AND REFERENCE IN CONNECTION ONLY WITH THIS

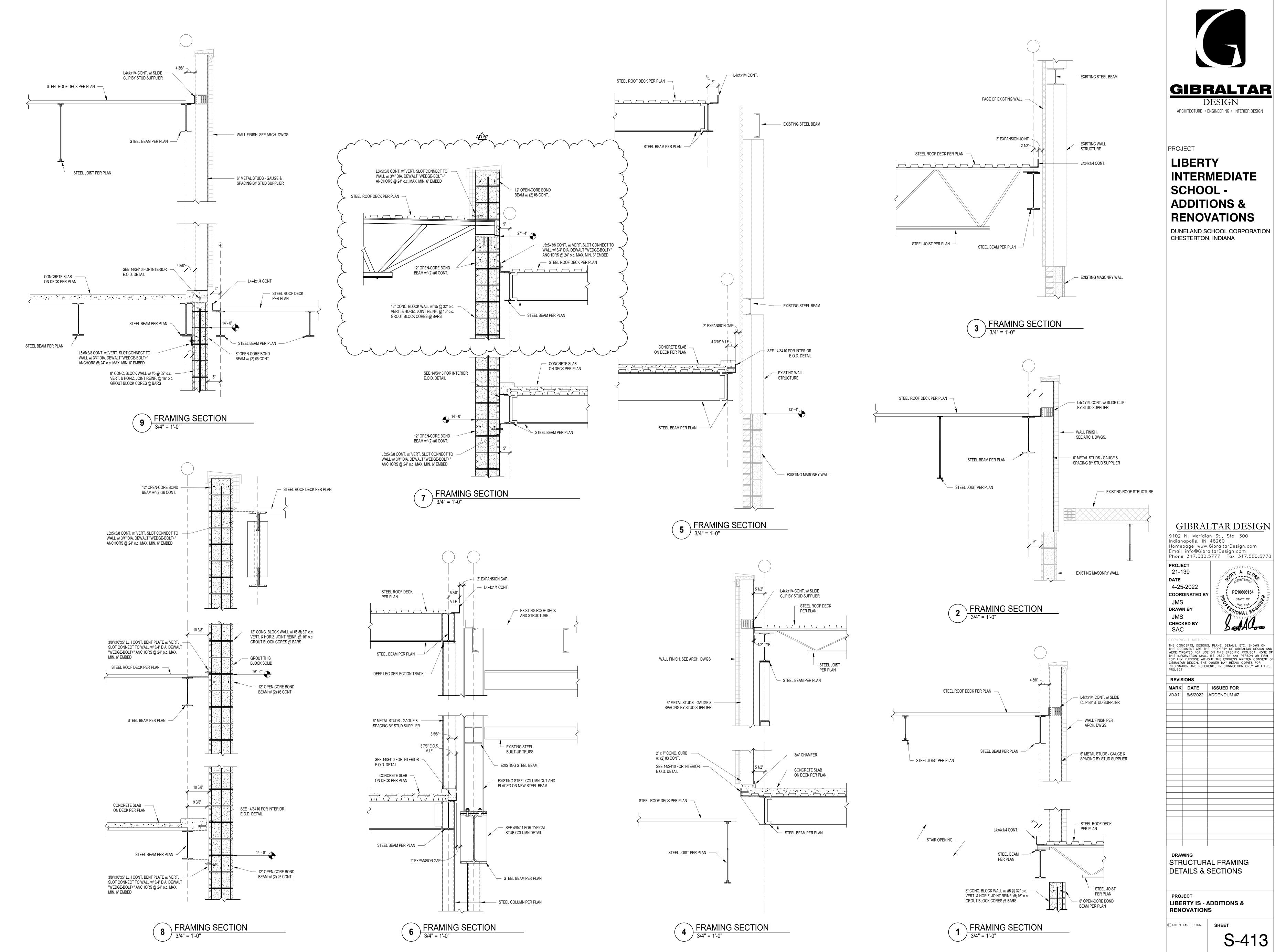
**REVISIONS** MARK DATE ISSUED FOR AD-0.5 5/23/2022 ADDENDUM #5 AD-0.7 6/6/2022 ADDENDUM #7

FOUNDATION DETAILS & SECTIONS

**PROJECT** LIBERTY IS - ADDITIONS & **RENOVATIONS** 

© GIBRALTAR DESIGN SHEET







**DESIGN** ARCHITECTURE • ENGINEERING • INTERIOR DESIGN

**LIBERTY** INTERMEDIATE SCHOOL -**ADDITIONS & RENOVATIONS** 

DUNELAND SCHOOL CORPORATION CHESTERTON, INDIANA

GIBRALTAR 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

**COORDINATED BY** 

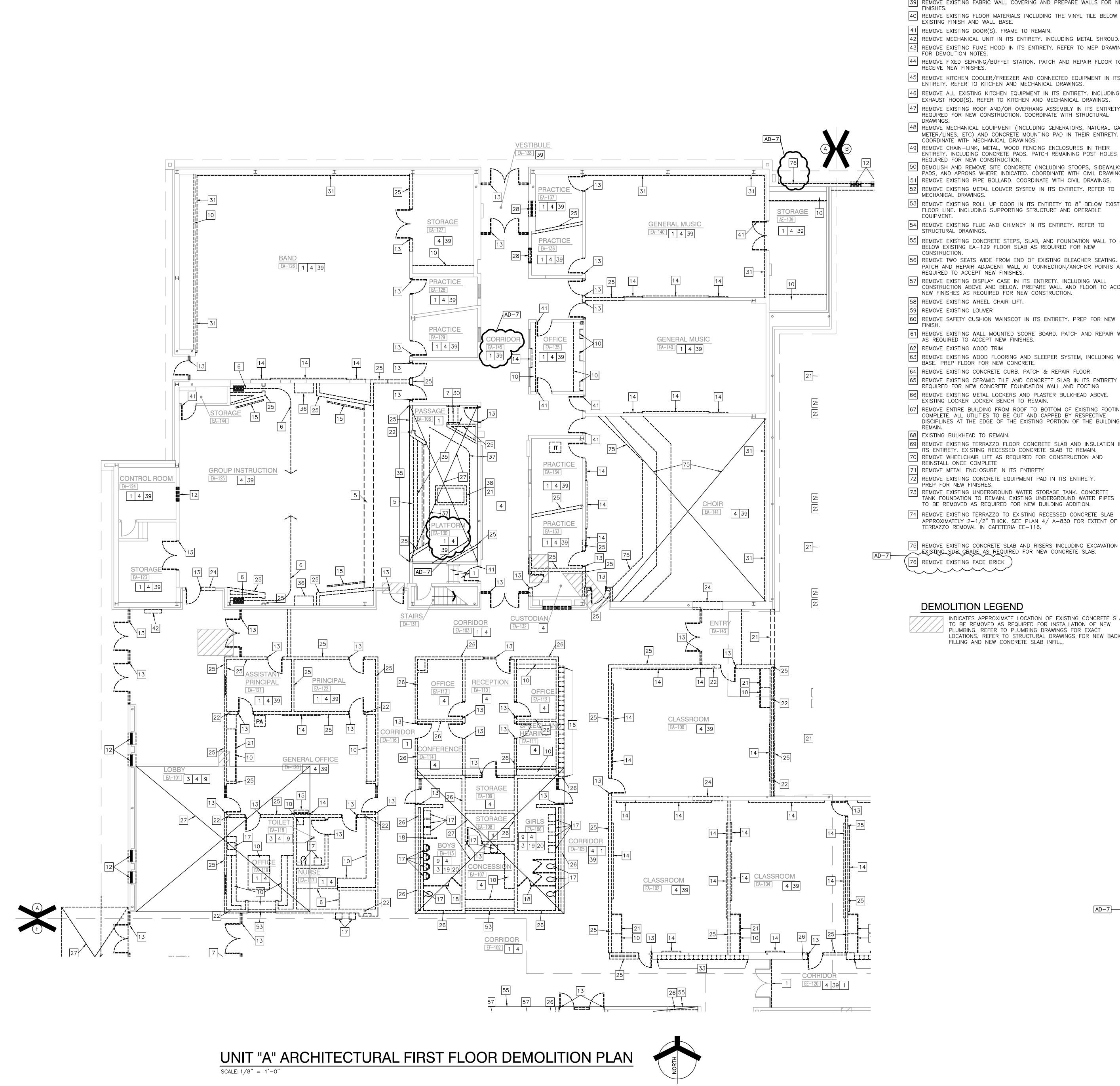
PE10606154

MARK DATE ISSUED FOR AD-0.7 6/6/2022 ADDENDUM #7

STRUCTURAL FRAMING DETAILS & SECTIONS

**LIBERTY IS - ADDITIONS & RENOVATIONS** 

S-413



40 REMOVE EXISTING FLOOR MATERIALS INCLUDING THE VINYL TILE BELOW THE

EXISTING FINISH AND WALL BASE. 41 REMOVE EXISTING DOOR(S). FRAME TO REMAIN

42 REMOVE MECHANICAL UNIT IN ITS ENTIRETY. INCLUDING METAL SHROUD.

43 REMOVE EXISTING FUME HOOD IN ITS ENTIRETY. REFER TO MEP DRAWINGS FOR DEMOLITION NOTES. 44 REMOVE FIXED SERVING/BUFFET STATION. PATCH AND REPAIR FLOOR TO

RECEIVE NEW FINISHES.

45 REMOVE KITCHEN COOLER/FREEZER AND CONNECTED EQUIPMENT IN ITS ENTIRETY. REFER TO KITCHEN AND MECHANICAL DRAWINGS.

EXHAUST HOOD(S). REFER TO KITCHEN AND MECHANICAL DRAWINGS. 47 REMOVE EXISTING ROOF AND/OR OVERHANG ASSEMBLY IN ITS ENTIRETY AS REQUIRED FOR NEW CONSTRUCTION. COORDINATE WITH STRUCTURAL

48 REMOVE MECHANICAL EQUIPMENT (INCLUDING GENERATORS, NATURAL GAS METER/LINES, ETC) AND CONCRETE MOUNTING PAD IN THEIR ENTIRETY.

COORDINATE WITH MECHANICAL DRAWINGS.

49 REMOVE CHAIN-LINK, METAL, WOOD FENCING ENCLOSURES IN THEIR ENTIRETY. INCLUDING CONCRETE PADS. PATCH REMAINING POST HOLES AS REQUIRED FOR NEW CONSTRUCTION

50 DEMOLISH AND REMOVE SITE CONCRETE (INCLUDING STOOPS, SIDEWALKS, PADS, AND APRONS WHERE INDICATED. COORDINATE WITH CIVIL DRAWINGS. REMOVE EXISTING PIPE BOLLARD. COORDINATE WITH CIVIL DRAWINGS.

REMOVE EXISTING METAL LOUVER SYSTEM IN ITS ENTIRETY. REFER TO MECHANICAL DRAWINGS. 53 REMOVE EXISTING ROLL UP DOOR IN ITS ENTIRETY TO 8" BELOW EXISTING FLOOR LINE. INCLUDING SUPPORTING STRUCTURE AND OPERABLE

54 REMOVE EXISTING FLUE AND CHIMNEY IN ITS ENTIRETY. REFER TO

55 REMOVE EXISTING CONCRETE STEPS, SLAB, AND FOUNDATION WALL TO 8" BELOW EXISTING EA-129 FLOOR SLAB AS REQUIRED FOR NEW CONSTRUCTION.

56 REMOVE TWO SEATS WIDE FROM END OF EXISTING BLEACHER SEATING. PATCH AND REPAIR ADJACENT WALL AT CONNECTION/ANCHOR POINTS AS REQUIRED TO ACCEPT NEW FINISHES.

57 REMOVE EXISTING DISPLAY CASE IN ITS ENTIRETY. INCLUDING WALL CONSTRUCTION ABOVE AND BELOW. PREPARE WALL AND FLOOR TO ACCEPT NEW FINISHES AS REQUIRED FOR NEW CONSTRUCTION. 58 REMOVE EXISTING WHEEL CHAIR LIFT.

59 REMOVE EXISTING LOUVER 60 REMOVE SAFETY CUSHION WAINSCOT IN ITS ENTIRETY. PREP FOR NEW

61 REMOVE EXISTING WALL MOUNTED SCORE BOARD. PATCH AND REPAIR WALL AS REQUIRED TO ACCEPT NEW FINISHES.

63 REMOVE EXISTING WOOD FLOORING AND SLEEPER SYSTEM, INCLUDING WALL BASE. PREP FLOOR FOR NEW CONCRETE.

64 REMOVE EXISTING CONCRETE CURB. PATCH & REPAIR FLOOR. 65 REMOVE EXISTING CERAMIC TILE AND CONCRETE SLAB IN ITS ENTIRETY AS REQUIRED FOR NEW CONCRETE FOUNDATION WALL AND FOOTING

66 REMOVE EXISTING METAL LOCKERS AND PLASTER BULKHEAD ABOVE. ' EXISTING LOCKER LOCKER BENCH TO REMAIN.

67 REMOVE ENTIRE BUILDING FROM ROOF TO BOTTOM OF EXISTING FOOTINGS COMPLETE. ALL UTILITIES TO BE CUT AND CAPPED BY RESPECTIVE DISCIPLINES AT THE EDGE OF THE EXISTING PORTION OF THE BUILDING TO

68 EXISTING BULKHEAD TO REMAIN.

69 REMOVE EXISTING TERRAZZO FLOOR CONCRETE SLAB AND INSULATION IN \_\_\_\_ ITS ENTIRETY. EXISTING RECESSED CONCRETE SLAB TO REMAIN.

70 REMOVE WHEELCHAIR LIFT AS REQUIRED FOR CONSTRUCTION AND REINSTALL ONCE COMPLETE 71 REMOVE METAL ENCLOSURE IN ITS ENTIRETY

REMOVE EXISTING CONCRETE EQUIPMENT PAD IN ITS ENTIRETY. PREP FOR NEW FINISHES.

73| REMOVE EXISTING UNDERGROUND WATER STORAGE TANK. CONCRETE TANK FOUNDATION TO REMAIN. EXISTING UNDERGROUND WATER PIPES TO BE REMOVED AS REQUIRED FOR NEW BUILDING ADDITION.

74 REMOVE EXISTING TERRAZZO TO EXISTING RECESSED CONCRETE SLAB APPROXIMATELY 2-1/2" THICK. SEE PLAN 4/ A-830 FOR EXTENT OF TERRAZZO REMOVAL IN CAFETERIA EE-116.

75 REMOVE EXISTING CONCRETE SLAB AND RISERS INCLUDING EXCAVATION OF EXISTING SUB GRADE AS REQUIRED FOR NEW CONCRETE SLAB.

#### **DEMOLITION LEGEND**

INDICATES APPROXIMATE LOCATION OF EXISTING CONCRETE SLAB TO BE REMOVED AS REQUIRED FOR INSTALLATION OF NEW PLUMBING. REFER TO PLUMBING DRAWINGS FOR EXACT LOCATIONS. REFER TO STRUCTURAL DRAWINGS FOR NEW BACK FILLING AND NEW CONCRETE SLAB INFILL.

#### **GENERAL DEMOLITION NOTES**

A. FOR GENERAL PROJECT NOTES, MATERIAL INDICATIONS LEGEND, SYMBOL LEGEND, ABBREVIATIONS, ETC., REFER TO GI SERIES SHEETS.

B. UNLESS NOTED OTHERWISE ON THIS SHEET, THE GENERAL CONTRACTOR IS RESPONSIBLE FOR ALL DEMOLITION AND REMOVAL WORK INDICATED ON

CONTRACTORS ENCOUNTERING EXISTING MATERIAL WHICH IS SUSPECTED OF CONTAINING ASBESTOS SHALL STOP WORK IMMEDIATELY AND NOTIFY THE

OWNER AND THE OWNERS REPRESENTATIVE. . BOLD DASHED LINES INDICATE EXISTING ITEMS TO BE REMOVED UNLESS OTHERWISE NOTED. THE CONTRACTOR SHALL BE RESPONSIBLE FOR FIELD

COORDINATING THE EXTENT OF DEMOLITION WITH THE INSTALLATION OF NEW SYSTEMS. EACH CONTRACTOR SHALL BE RESPONSIBLE FOR ALL DEMOLITION APPLICABLE TO THEIR SCOPE OF WORK AND AS REQUIRED FOR

VERIFYING THE EXTENT OF DEMOLITION WORK PRIOR TO BIDDING AND FOR

INSTALLATION OF NEW WORK WHETHER OR NOT IT IS SPECIFICALLY INDICATED OR NOTED IN THESE DOCUMENTS.

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.

. EACH CONTRACTOR SHALL BE RESPONSIBLE FOR OFF SITE REMOVAL OF ALL DEMOLITION MATERIALS AND/OR ITEMS UNLESS NOTED OTHERWISE OR DIRECTED BY THE OWNER.

REQUIRED TO PREVENT THE SPREAD OF DUST INTO SURROUNDING AREAS (WHERE APPLICABLE). WHERE BUILDING EGRESS IS REQUIRED TO PASS THROUGH DEMOLITION

H. PRIOR TO STARTING DEMOLITION, CONSTRUCT DUST CONTROL BARRIERS AS

AREAS, PROVIDE APPROVED BARRIERS, ETC. TO ENSURE SAFETY OF THE

RELOCATED ITEMS SHALL BE CLEANED AND PLACED IN STORAGE, PER OWNERS' DIRECTION, UNTIL ITEMS ARE READY TO BE INSTALLED. IF ITE ARE DAMAGED DURING DEMOLITION OR RELOCATION, THEY SHALL BE REPAIRED OR REPLACED WITH NEW ITEMS AS APPROVED. 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.

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 AS REQUIRED 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

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 AS REQUIRED TO MATCH ADJACENT SURFACES OR RECEIVE NEW FINISHES WHERE APPLICABLE. REFER TO ALL DEMOLITION DRAWINGS FOR EXTENT OF ITEMS TO REMOVED.

OVER CUT NEW OPENINGS IN EXISTING WALL AS REQUIRED FOR NEW CONSTRUCTION. PATCH AND REPAIR WALLS AS REQUIRED 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.

. EACH CONTRACTOR SHALL BE RESPONSIBLE FOR GENERAL REVIEW OF DEMOLITION NOTES AND GENERAL DEMOLITION NOTES AS THEY APPLY TO THEIR SCOPE OF WORK.

REFER TO THE STRUCTURAL, MECHANICAL, PLUMBING, ELECTRICAL AND TECHNOLOGY DOCUMENTS FOR COMPLETE SCOPE OF DEMOLITION WORK.

"FLOORING" DENOTES FLOOR COVERING MATERIALS INCLUDING BACKING ADHESIVES, AND BASES DOWN TO BUT EXCLUSIVE OF FLOOR SLABS AND STRUCTURAL MATERIALS UNLESS NOTED OTHERWISE.

U. 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.) REMOVE EXISTING FLOOR FINISH AND WALL BASE IN ITS ENTIRETY. PREP FOR NEW FINISHES.

REMOVE EXISTING FLOOR FINISH AND CONCRETE SLAB IN ITS ENTIRETY.

3 REMOVE CERAMIC TILE WALL FINISH IN ITS ENTIRETY. 4 REMOVE ACOUSTICAL BOARD CEILING SYSTEM IN ITS ENTIRETY.

REMOVE EXISTING PLASTER CEILING SYSTEM IN ITS ENTIRETY

6 REMOVE EXISTING FOLDING PARTITION IN ITS ENTIRETY INCLUDING TRACK AND TRACK SUPPORT FRAMING 7 REMOVE EXISTING DIVIDER/HAND RAIL

8 REMOVE SHELVING AND COUNTERTOP SYSTEM IN ITS ENTIRETY. PATCH AND REPAIR FLOOR AS REQUIRED TO ACCEPT NEW FINISHES.

9 REMOVE CERAMIC OR PORCELAIN TILE FLOORING SYSTEM INCLUDING

SETTING BED IN ITS ENTIRETY. 10 REMOVE CASEWORK IN ITS ENTIRETY. PATCH AND REPAIR WALL AND FLOOR COPYRIGHT NOTICE: AS REQUIRED TO ACCEPT NEW FINISHES.

11 REMOVE UNIT VENTILATOR SYSTEM IN ITS ENTIRETY. SEE MECHANICAL 12 REMOVE WINDOW SYSTEM IN ITS ENTIRETY. PREPARE OPENING TO ACCEPT

NEW WINDOW SYSTEM. 13 REMOVE EXISTING DOOR AND FRAME SYSTEM IN ITS ENTIRETY 14 REMOVE MARKERBOARD/TACKBOARD/CHALKBOARD IN ITS ENTIRETY, PREP

WALL FOR NEW FINISHES. 15| REMOVE MOUNTED PROJECTOR/TV/SMARTBOARD/SCREEN IN ITS ENTIRETY REMOVE METAL LOCKERS. REMOVE CONCRETE BASE AS REQUIRED FOR NEW CONSTRUCTION. PATCH AND REPAIR FLOOR TO RECEIVE NEW FINISH

17 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 AS REQUIRED TO ACCEPT NEW FINISHES. 18 REMOVE TOILET AND PARTITIONS IN THEIR ENTIRETY.

REMOVE TOILET ACCESSORIES AND TURN OVER TO OWNER. REMOVE EXISTING FLOOR DRAIN. REFER TO PLUMBING DRAWINGS. REMOVE METAL STUD AND GYPSUM BOARD BULKHEAD IN ITS ENTIRETY.

PATCH AND REPAIR WALL AS REQUIRED FOR NEW FINISHES. 2 EXISTING STEEL COLUMN TO REMAIN. REMOVE EXISTING COLUMN IN ITS ENTIRETY. COORDINATE WITH STRUCTURA 24 REMOVE SECTION OF WALL TO CREATE NEW OPENING FOR DOOR AND/OR

LOUVER.

25 REMOVE METAL STUD AND PLASTER/GYPSUM BOARD WALL IN ITS ENTIRETY PATCH AND REPAIR ADJACENT WALL AND FLOOR AS REQUIRED TO ACCEPT NEW FINISHES.

26 REMOVE MASONRY WALL (AS REQUIRED FOR NEW CONSTRUCTION.) PATCH AND REPAIR ADJACENT FLOOR AND WALL AS REQUIRED TO ACCEPT NEW FINISHES.

27 REMOVE CONCRETE SLAB IN ITS ENTIRETY. 28 REMOVE EXISTING WINDOW SYSTEM IN ITS ENTIRETY.

29 REMOVE ROOF ASSEMBLY IN ITS ENTIRETY FOR NEW CONSTRUCTION. COORDINATE WITH STRUCTURAL DRAWINGS. 30 REMOVE STAIR/RAMP ASSEMBLY AND ACCESSORIES IN ITS ENTIRETY.

PREPARE FLOOR AND WALL TO ACCEPT NEW FINISHES. 31 REMOVE EXISTING ACOUSTIC WALL TREATMENT IN ITS ENTIRETY. PREPARE WALL TO ACCEPT NEW FINISHES.

32 REMOVE EXISTING EIFS SOFFIT SYSTEM IN ITS ENTIRETY, INCLUDING ─ FRAMING. 33 REMOVE EXISTING METAL LOCKERS. CONCRETE BASE TO REMAIN.

34 REMOVE KILN IN ITS ENTIRETY. SALVAGE FOR REINSTALLATION. 35 REMOVE EXISTING CONCRETE STEPS AND FOUNDATION WALL TO 8" BELOW EXISTING EA-125 FLOOR SLAB.

ADJACENT WALL/FLOOR TO ACCEPT NEW FINISHES. 37 REMOVE EXISTING STAGE CURTAIN AND TRACK SYSTEM IN ITS ENTIRETY. 38 REMOVE EXISTING AUTOMATIC SMOKE VENTILATOR INCLUDING BULKHEAD AND --- FRAMING IN ITS ENTIRETY.

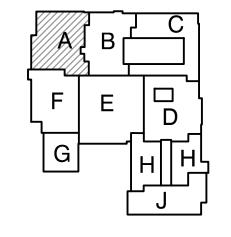
36 REMOVE WALL MOUNTED BENCH IN ITS ENTIRETY. PATCH AND REPAIR



DESIGN ARCHITECTURE ● ENGINEERING ● INTERIOR DESIGN

SCHOOL -**ADDITIONS &** RENOVATIONS

DUNELAND SCHOOL CORPORATION CHESTERTON, INDIANA



KEY PLAN

GIBRALTAR DESIGN

102 N. Meridian St., Ste. 300 dianapolis, IN 46260 lomepage www.GibraltarDesign.com mail info@GibraltarDesign.com Phone 317.580.5777 Fax 317.580.577;

> PROJECT 04/25/22 OORDINATED E

19600171 STATE OF DND

THE CONCEPTS, DESIGNS, PLANS, DETAILS, ETC, SHOWN ON THIS DOCUMENT ARE THE PROPERTY OF GIBRALTAR DESIGN AND HIS INFORMATION SHALL BE USED BY ANY PERSON OR FIRM TOR ANY PURPOSE WITHOUT THE EXPRESS WRITTEN CONSENDER GIBRALTAR DESIGN. THE OWNER MAY RETAIN COPIES FOR

INFORMATION AND REFERENCE IN CONNECTION ONLY WITH THE PROJECT. MARK DATE | ISSUED FOR D-1 |05/05/22| ADDENDUM NO. 1 -3 | 5/12/22 | ADDENDUM NO.3

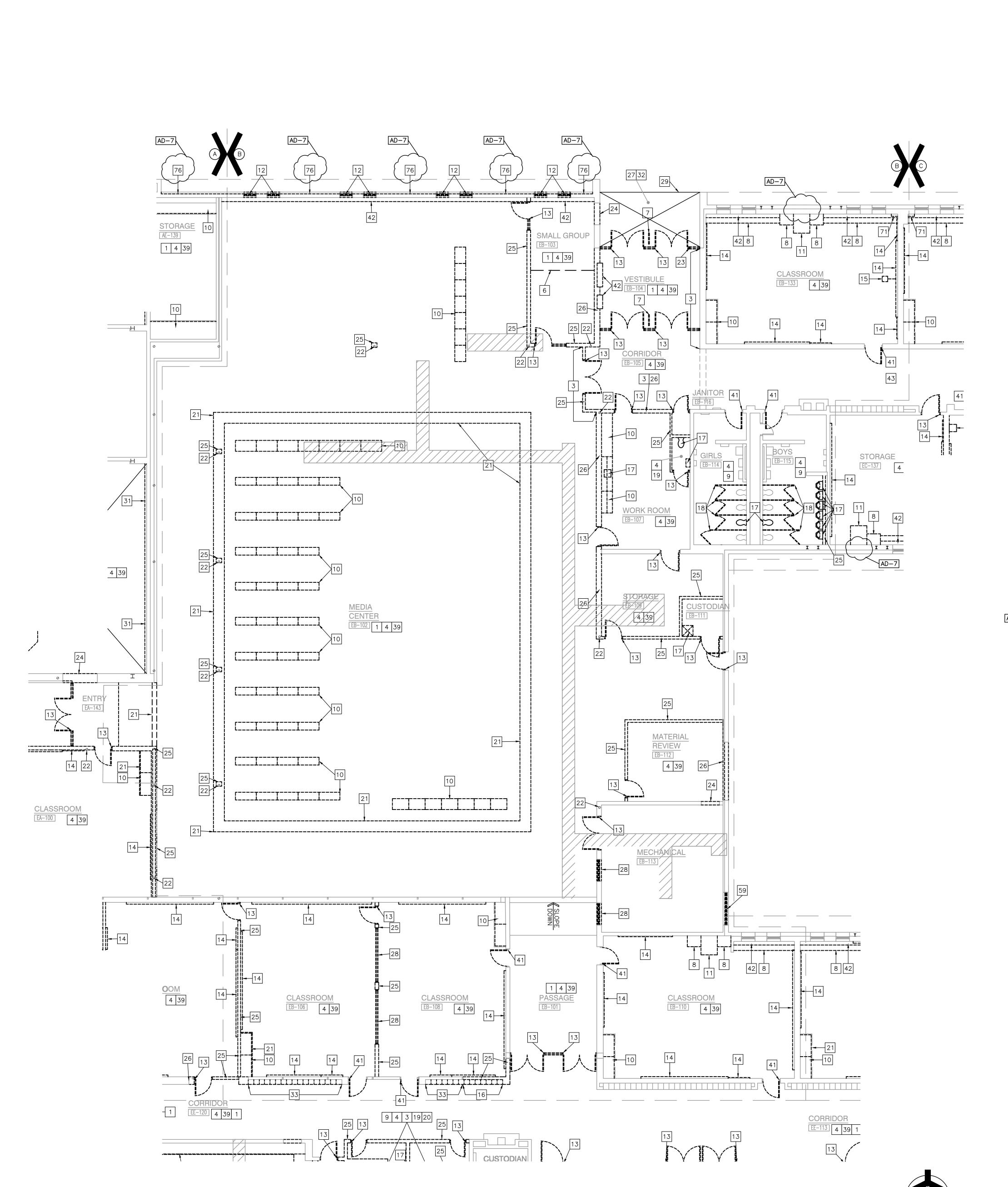
D-4 | 5/18/22 | ADDENDUM NO.4D-5 | 5/23/22 | ADDENDUM NO.5 |

DRAWING UNIT "A" ARCHITECTURAL FIRST FLOOR DEMOLITION

PLAN PROJECT

LIBERTY IS -**ADDITIONS & RENOVATIONS** 

GIBRALTAR DESIGN SHEET



40 REMOVE EXISTING FLOOR MATERIALS INCLUDING THE VINYL TILE BELOW THE EXISTING FINISH AND WALL BASE.

41 REMOVE EXISTING DOOR(S). FRAME TO REMAIN 42 REMOVE MECHANICAL UNIT IN ITS ENTIRETY. INCLUDING METAL SHROUD.

43 REMOVE EXISTING FUME HOOD IN ITS ENTIRETY. REFER TO MEP DRAWINGS FOR DEMOLITION NOTES.

44 REMOVE FIXED SERVING/BUFFET STATION. PATCH AND REPAIR FLOOR TO RECEIVE NEW FINISHES.

45 REMOVE KITCHEN COOLER/FREEZER AND CONNECTED EQUIPMENT IN ITS ENTIRETY. REFER TO KITCHEN AND MECHANICAL DRAWINGS. 46 REMOVE ALL EXISTING KITCHEN EQUIPMENT IN ITS ENTIRETY. INCLUDING

EXHAUST HOOD(S). REFER TO KITCHEN AND MECHANICAL DRAWINGS. 47 REMOVE EXISTING ROOF AND/OR OVERHANG ASSEMBLY IN ITS ENTIRETY AS REQUIRED FOR NEW CONSTRUCTION. COORDINATE WITH STRUCTURAL DRAWINGS.

48 REMOVE MECHANICAL EQUIPMENT (INCLUDING GENERATORS, NATURAL GAS METER/LINES, ETC) AND CONCRETE MOUNTING PAD IN THEIR ENTIRETY. COORDINATE WITH MECHANICAL DRAWINGS.

49 REMOVE CHAIN-LINK, METAL, WOOD FENCING ENCLOSURES IN THEIR ENTIRETY. INCLUDING CONCRETE PADS. PATCH REMAINING POST HOLES AS REQUIRED FOR NEW CONSTRUCTION

50 DEMOLISH AND REMOVE SITE CONCRETE (INCLUDING STOOPS, SIDEWALKS, PADS, AND APRONS WHERE INDICATED. COORDINATE WITH CIVIL DRAWINGS. 1 REMOVE EXISTING PIPE BOLLARD. COORDINATE WITH CIVIL DRAWINGS.

52 REMOVE EXISTING METAL LOUVER SYSTEM IN ITS ENTIRETY. REFER TO MECHANICAL DRAWINGS. 53 REMOVE EXISTING ROLL UP DOOR IN ITS ENTIRETY TO 8" BELOW EXISTING

FLOOR LINE. INCLUDING SUPPORTING STRUCTURE AND OPERABLE 54 REMOVE EXISTING FLUE AND CHIMNEY IN ITS ENTIRETY. REFER TO

STRUCTURAL DRAWINGS. 55 REMOVE EXISTING CONCRETE STEPS, SLAB, AND FOUNDATION WALL TO 8" BELOW EXISTING EA-129 FLOOR SLAB AS REQUIRED FOR NEW CONSTRUCTION.

 $\mathsf{56}|$  REMOVE TWO SEATS WIDE FROM END OF EXISTING BLEACHER SEATING. PATCH AND REPAIR ADJACENT WALL AT CONNECTION/ANCHOR POINTS AS REQUIRED TO ACCEPT NEW FINISHES.

57 REMOVE EXISTING DISPLAY CASE IN ITS ENTIRETY. INCLUDING WALL CONSTRUCTION ABOVE AND BELOW. PREPARE WALL AND FLOOR TO ACCEPT NEW FINISHES AS REQUIRED FOR NEW CONSTRUCTION. 58 REMOVE EXISTING WHEEL CHAIR LIFT.

59 REMOVE EXISTING LOUVER 60 REMOVE SAFETY CUSHION WAINSCOT IN ITS ENTIRETY. PREP FOR NEW

61 REMOVE EXISTING WALL MOUNTED SCORE BOARD. PATCH AND REPAIR WALL

AS REQUIRED TO ACCEPT NEW FINISHES. 62 REMOVE EXISTING WOOD TRIM 63 REMOVE EXISTING WOOD FLOORING AND SLEEPER SYSTEM, INCLUDING WALL

BASE. PREP FLOOR FOR NEW CONCRETE. 64 REMOVE EXISTING CONCRETE CURB. PATCH & REPAIR FLOOR.

65 REMOVE EXISTING CERAMIC TILE AND CONCRETE SLAB IN ITS ENTIRETY AS REQUIRED FOR NEW CONCRETE FOUNDATION WALL AND FOOTING 66 REMOVE EXISTING METAL LOCKERS AND PLASTER BULKHEAD ABOVE.

' EXISTING LOCKER LOCKER BENCH TO REMAIN.

67 REMOVE ENTIRE BUILDING FROM ROOF TO BOTTOM OF EXISTING FOOTINGS COMPLETE. ALL UTILITIES TO BE CUT AND CAPPED BY RESPECTIVE DISCIPLINES AT THE EDGE OF THE EXISTING PORTION OF THE BUILDING TO

68 EXISTING BULKHEAD TO REMAIN.

69 REMOVE EXISTING TERRAZZO FLOOR CONCRETE SLAB AND INSULATION IN ITS ENTIRETY. EXISTING RECESSED CONCRETE SLAB TO REMAIN.

70 REMOVE WHEELCHAIR LIFT AS REQUIRED FOR CONSTRUCTION AND REINSTALL ONCE COMPLETE 71 REMOVE METAL ENCLOSURE IN ITS ENTIRETY

REMOVE EXISTING CONCRETE EQUIPMENT PAD IN ITS ENTIRETY. PREP FOR NEW FINISHES.

73| REMOVE EXISTING UNDERGROUND WATER STORAGE TANK. CONCRETE TANK FOUNDATION TO REMAIN. EXISTING UNDERGROUND WATER PIPES TO BE REMOVED AS REQUIRED FOR NEW BUILDING ADDITION.

74 REMOVE EXISTING TERRAZZO TO EXISTING RECESSED CONCRETE SLAB APPROXIMATELY 2-1/2" THICK. SEE PLAN 4/ A-830 FOR EXTENT OF TERRAZZO REMOVAL IN CAFETERIA EE-116.

REMOVE EXISTING CONCRETE SLAB AND RISERS INCLUDING EXCAVATION OF EXISTING SUB GRADE AS REQUIRED FOR NEW CONCRETE SLAB. 76 REMOVE EXISTING FACE BRICK

#### **DEMOLITION LEGEND**

INDICATES APPROXIMATE LOCATION OF EXISTING CONCRETE SLAB TO BE REMOVED AS REQUIRED FOR INSTALLATION OF NEW PLUMBING. REFER TO PLUMBING DRAWINGS FOR EXACT LOCATIONS. REFER TO STRUCTURAL DRAWINGS FOR NEW BACK FILLING AND NEW CONCRETE SLAB INFILL.

#### **GENERAL DEMOLITION NOTES**

SHOWN ON DEMOLITION PLANS.

- A. FOR GENERAL PROJECT NOTES, MATERIAL INDICATIONS LEGEND, SYMBOL LEGEND, ABBREVIATIONS, ETC., REFER TO GI SERIES SHEETS.
- B. UNLESS NOTED OTHERWISE ON THIS SHEET, THE GENERAL CONTRACTOR IS RESPONSIBLE FOR ALL DEMOLITION AND REMOVAL WORK INDICATED ON

CONTRACTORS ENCOUNTERING EXISTING MATERIAL WHICH IS SUSPECTED OF CONTAINING ASBESTOS SHALL STOP WORK IMMEDIATELY AND NOTIFY THE

OWNER AND THE OWNERS REPRESENTATIVE. . BOLD DASHED LINES INDICATE EXISTING ITEMS TO BE REMOVED UNLESS OTHERWISE NOTED. THE CONTRACTOR SHALL BE RESPONSIBLE FOR FIELD

COORDINATING THE EXTENT OF DEMOLITION WITH THE INSTALLATION OF NEW SYSTEMS. 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

VERIFYING THE EXTENT OF DEMOLITION WORK PRIOR TO BIDDING AND FOR

INDICATED OR NOTED IN THESE DOCUMENTS. 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

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 AS REQUIRED TO PREVENT THE SPREAD OF DUST INTO SURROUNDING AREAS (WHERE APPLICABLE).

WHERE BUILDING EGRESS IS REQUIRED TO PASS THROUGH DEMOLITION AREAS, PROVIDE APPROVED BARRIERS, ETC. TO ENSURE SAFETY OF THE

RELOCATED ITEMS SHALL BE CLEANED AND PLACED IN STORAGE, PER OWNERS' DIRECTION, UNTIL ITEMS ARE READY TO BE INSTALLED. IF ITE ARE DAMAGED DURING DEMOLITION OR RELOCATION, THEY SHALL BE REPAIRED OR REPLACED WITH NEW ITEMS AS APPROVED.

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.

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 AS REQUIRED 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

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 AS REQUIRED TO MATCH ADJACENT SURFACES OR RECEIVE NEW FINISHES WHERE APPLICABLE. REFER TO ALL DEMOLITION DRAWINGS FOR EXTENT OF ITEMS TO REMOVED.

OVER CUT NEW OPENINGS IN EXISTING WALL AS REQUIRED FOR NEW CONSTRUCTION. PATCH AND REPAIR WALLS AS REQUIRED 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.

EACH CONTRACTOR SHALL BE RESPONSIBLE FOR GENERAL REVIEW OF DEMOLITION NOTES AND GENERAL DEMOLITION NOTES AS THEY APPLY TO THEIR SCOPE OF WORK.

REFER TO THE STRUCTURAL, MECHANICAL, PLUMBING, ELECTRICAL AND TECHNOLOGY DOCUMENTS FOR COMPLETE SCOPE OF DEMOLITION WORK.

"FLOORING" DENOTES FLOOR COVERING MATERIALS INCLUDING BACKING, ADHESIVES, AND BASES DOWN TO BUT EXCLUSIVE OF FLOOR SLABS AND STRUCTURAL MATERIALS UNLESS NOTED OTHERWISE.

U. 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.) REMOVE EXISTING FLOOR FINISH AND WALL BASE IN ITS ENTIRETY. PREP FOR NEW FINISHES.

REMOVE EXISTING FLOOR FINISH AND CONCRETE SLAB IN ITS ENTIRETY.

3 REMOVE CERAMIC TILE WALL FINISH IN ITS ENTIRETY. 4 REMOVE ACOUSTICAL BOARD CEILING SYSTEM IN ITS ENTIRETY. 5 REMOVE EXISTING PLASTER CEILING SYSTEM IN ITS ENTIRETY

6 REMOVE EXISTING FOLDING PARTITION IN ITS ENTIRETY INCLUDING TRACK AND TRACK SUPPORT FRAMING 7 REMOVE EXISTING DIVIDER/HAND RAIL.

8 REMOVE SHELVING AND COUNTERTOP SYSTEM IN ITS ENTIRETY. PATCH AND REPAIR FLOOR AS REQUIRED TO ACCEPT NEW FINISHES.

9 REMOVE CERAMIC OR PORCELAIN TILE FLOORING SYSTEM INCLUDING SETTING BED IN ITS ENTIRETY. 10 REMOVE CASEWORK IN ITS ENTIRETY. PATCH AND REPAIR WALL AND FLOOR COPYRIGHT NOTICE:

AS REQUIRED TO ACCEPT NEW FINISHES. 111 REMOVE UNIT VENTILATOR SYSTEM IN ITS ENTIRETY. SEE MECHANICAL

12 REMOVE WINDOW SYSTEM IN ITS ENTIRETY. PREPARE OPENING TO ACCEPT → NEW WINDOW SYSTEM. 13 REMOVE EXISTING DOOR AND FRAME SYSTEM IN ITS ENTIRETY

|14| REMOVE MARKERBOARD/TACKBOARD/CHALKBOARD IN ITS ENTIRETY, PREP WALL FOR NEW FINISHES. 15| REMOVE MOUNTED PROJECTOR/TV/SMARTBOARD/SCREEN IN ITS ENTIRETY

16 REMOVE METAL LOCKERS. REMOVE CONCRETE BASE AS REQUIRED FOR NEW CONSTRUCTION. PATCH AND REPAIR FLOOR TO RECEIVE NEW FINISH 17 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 AS REQUIRED TO

ACCEPT NEW FINISHES. 18 REMOVE TOILET AND PARTITIONS IN THEIR ENTIRETY.

19 REMOVE TOILET ACCESSORIES AND TURN OVER TO OWNER. REMOVE EXISTING FLOOR DRAIN. REFER TO PLUMBING DRAWINGS.

21 REMOVE METAL STUD AND GYPSUM BOARD BULKHEAD IN ITS ENTIRETY. PATCH AND REPAIR WALL AS REQUIRED FOR NEW FINISHES. 22 EXISTING STEEL COLUMN TO REMAIN.  $\mathfrak z$ | remove existing column in its entirety. Coordinate with structuf TY DRAWHUES YOUR TO THE TOTAL THE TO

24 REMOVE SECTION OF WALL TO CREATE NEW OPENING FOR DOOR AND/O LOUVER.
25 REMOVE METAL STUD AND PLASTER/GYPSUM BOARD WALL IN ITS ENTIRETY. PATCH AND REPAIR ADJACENT WALL AND FLOOR AS REQUIRED TO ACCEPT NEW FINISHES.

26 REMOVE MASONRY WALL (AS REQUIRED FOR NEW CONSTRUCTION.) PATCH AND REPAIR ADJACENT FLOOR AND WALL AS REQUIRED TO ACCEPT NEW

FINISHES. 27 REMOVE CONCRETE SLAB IN ITS ENTIRETY.

28 REMOVE EXISTING WINDOW SYSTEM IN ITS ENTIRETY. 29 REMOVE ROOF ASSEMBLY IN ITS ENTIRETY FOR NEW CONSTRUCTION. COORDINATE WITH STRUCTURAL DRAWINGS.

30 REMOVE STAIR/RAMP ASSEMBLY AND ACCESSORIES IN ITS ENTIRETY. PREPARE FLOOR AND WALL TO ACCEPT NEW FINISHES. 31 REMOVE EXISTING ACOUSTIC WALL TREATMENT IN ITS ENTIRETY. PREPARE WALL TO ACCEPT NEW FINISHES.

32 REMOVE EXISTING EIFS SOFFIT SYSTEM IN ITS ENTIRETY, INCLUDING ─ FRAMING.

33 REMOVE EXISTING METAL LOCKERS. CONCRETE BASE TO REMAIN.

34 REMOVE KILN IN ITS ENTIRETY. SALVAGE FOR REINSTALLATION. 35 REMOVE EXISTING CONCRETE STEPS AND FOUNDATION WALL TO 8" BELOW EXISTING EA-125 FLOOR SLAB.

37 REMOVE EXISTING STAGE CURTAIN AND TRACK SYSTEM IN ITS ENTIRETY. 38 REMOVE EXISTING AUTOMATIC SMOKE VENTILATOR INCLUDING BULKHEAD AND

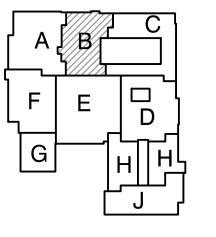
--- FRAMING IN ITS ENTIRETY.



ARCHITECTURE • ENGINEERING • INTERIOR DESIGN

**INTERMEDIATE** SCHOOL -**ADDITIONS & RENOVATIONS** 

DUNELAND SCHOOL CORPORATION CHESTERTON, INDIANA



KEY PLAN

GIBRALTAR DESIGN 1102 N. Meridian St., Ste. 300

dianapolis, IN 46260 lomepage www.GibraltarDesign.com mail info@GibraltarDesign.com Phone 317.580.5777 Fax 317.580.5778

PROJECT 04/25/22 COORDINATED BY

DRAWN BY DND CHECKED BY

THE CONCEPTS, DESIGNS, PLANS, DETAILS, ETC, SHOWN ON THIS DOCUMENT ARE THE PROPERTY OF GIBRALTAR DESIGN AND WERE CREATED FOR USE ON THIS SPECIFIC PROJECT. NONE OF HIS INFORMATION SHALL BE USED BY ANY PERSON OR FIRM TOR ANY PURPOSE WITHOUT THE EXPRESS WRITTEN CONSENDER GIBRALTAR DESIGN. THE OWNER MAY RETAIN COPIES FOR NFORMATION AND REFERENCE IN CONNECTION ONLY WITH THI

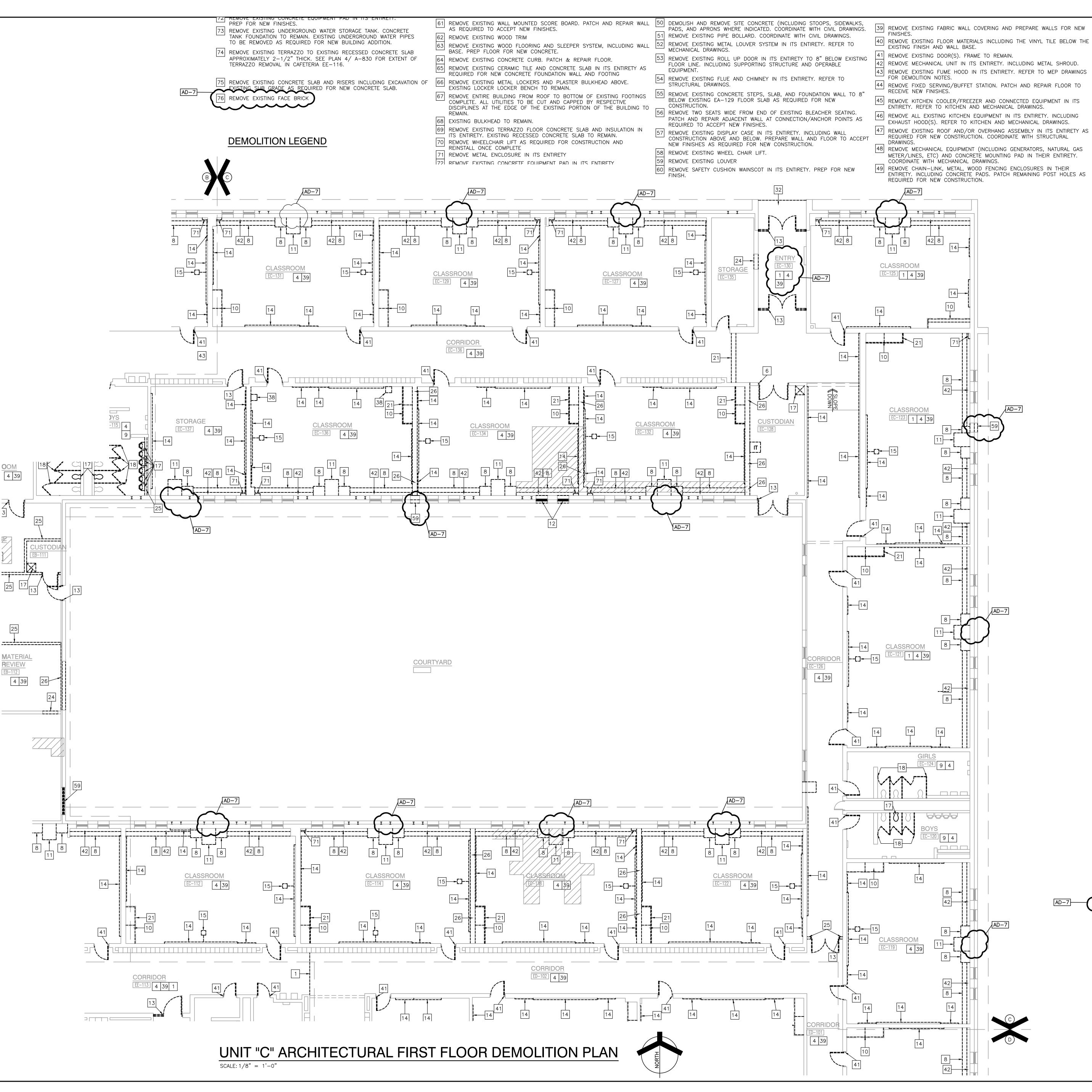
)	MARK	DATE	ISSUED FOR
<b>′</b> .	AD-7	6/06/22	ADDENDUM NO.7
1			
'			
RAL			
<sub>R</sub> )			

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

PROJECT LIBERTY IS -**ADDITIONS & RENOVATIONS** 

GIBRALTAR DESIGN SHEET AD102 В

36 REMOVE WALL MOUNTED BENCH IN ITS ENTIRETY. PATCH AND REPAIR ADJACENT WALL/FLOOR TO ACCEPT NEW FINISHES.



#### **GENERAL DEMOLITION NOTES**

- A. FOR GENERAL PROJECT NOTES, MATERIAL INDICATIONS LEGEND, SYMBOL LEGEND, ABBREVIATIONS, ETC., REFER TO GI SERIES SHEETS.
- B. UNLESS NOTED OTHERWISE ON THIS SHEET, THE GENERAL CONTRACTOR IS RESPONSIBLE FOR ALL DEMOLITION AND REMOVAL WORK INDICATED ON
- CONTRACTORS ENCOUNTERING EXISTING MATERIAL WHICH IS SUSPECTED OF CONTAINING ASBESTOS SHALL STOP WORK IMMEDIATELY AND NOTIFY THE
- OWNER AND THE OWNERS REPRESENTATIVE. . 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. 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.
  - 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.

**GIBRALTAR** 

DESIGN

ARCHITECTURE ● ENGINEERING ● INTERIOR DESIGN

SCHOOL -

CHESTERTON, INDIANA

RENOVATIONS

DUNELAND SCHOOL CORPORATION

KEY PLAN

GIBRALTAR DESIGN

Phone 317.580.5777 Fax 317.580.577

HIS INFORMATION SHALL BE USED BY ANY PERSON OR FIRM FOR ANY PURPOSE WITHOUT THE EXPRESS WRITTEN CONSEN OF GIBRALTAR DESIGN. THE OWNER MAY RETAIN COPIES FOR INFORMATION AND REFERENCE IN CONNECTION ONLY WITH THI PROJECT.

MARK DATE ISSUED FOR

0-7 | 6/06/22 | ADDENDUM NO.7

19600171

STATE OF

102 N. Meridian St., Ste. 300

mail info@GibraltarDesign.com

lomepage www.GibraltarDesign.com

dianapolis, IN 46260

PROJECT

DND

04/25/22

OORDINATED E

- 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 AS
- REQUIRED TO PREVENT THE SPREAD OF DUST INTO SURROUNDING AREAS (WHERE APPLICABLE).
- 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 ITE 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. EACH CONTRACTOR IS RESPONSIBLE FOR CUTTING, PATCHING, AND
- EXISTING SERVICES ARE ABANDONED, CAP AT LEAST 1" BEHIND NEW FINISHES AND/OR EXISTING SURFACE AND PATCH AS REQUIRED 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

DISCONNECTION OF ITEMS APPLICABLE TO THEIR SCOPE OF WORK. WHERE

- 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 AS REQUIRED TO MATCH ADJACENT SURFACES OR RECEIVE NEW FINISHES WHERE APPLICABLE. REFER TO ALL DEMOLITION DRAWINGS FOR EXTENT OF ITEMS TO REMOVED.
- O. OVER CUT NEW OPENINGS IN EXISTING WALL AS REQUIRED FOR NEW CONSTRUCTION. PATCH AND REPAIR WALLS AS REQUIRED 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. REFER TO THE STRUCTURAL, MECHANICAL, PLUMBING, ELECTRICAL AND TECHNOLOGY DOCUMENTS FOR COMPLETE SCOPE OF DEMOLITION WORK.
- T. "FLOORING" DENOTES FLOOR COVERING MATERIALS INCLUDING BACKING ADHESIVES, AND BASES DOWN TO BUT EXCLUSIVE OF FLOOR SLABS AND STRUCTURAL MATERIALS UNLESS NOTED OTHERWISE.
- U. 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 EXISTING FLOOR FINISH AND WALL BASE IN ITS ENTIRETY. PREP
- FOR NEW FINISHES. 2 REMOVE EXISTING FLOOR FINISH AND CONCRETE SLAB IN ITS ENTIRETY.
- 3 REMOVE CERAMIC TILE WALL FINISH IN ITS ENTIRETY.
- 4 REMOVE ACOUSTICAL BOARD CEILING SYSTEM IN ITS ENTIRETY. REMOVE EXISTING PLASTER CEILING SYSTEM IN ITS ENTIRETY
- 6 REMOVE EXISTING FOLDING PARTITION IN ITS ENTIRETY INCLUDING TRACK
- AND TRACK SUPPORT FRAMING 7 REMOVE EXISTING DIVIDER/HAND RAIL
- 8 REMOVE SHELVING AND COUNTERTOP SYSTEM IN ITS ENTIRETY. PATCH AND REPAIR FLOOR AS REQUIRED TO ACCEPT NEW FINISHES.
- 9 REMOVE CERAMIC OR PORCELAIN TILE FLOORING SYSTEM INCLUDING SETTING BED IN ITS ENTIRETY.
- 10 REMOVE CASEWORK IN ITS ENTIRETY. PATCH AND REPAIR WALL AND FLOOR COPYRIGHT NOTICE: AS REQUIRED TO ACCEPT NEW FINISHES.
- 11 REMOVE UNIT VENTILATOR SYSTEM IN ITS ENTIRETY. SEE MECHANICAL
- 12 REMOVE WINDOW SYSTEM IN ITS ENTIRETY. PREPARE OPENING TO ACCEPT NEW WINDOW SYSTEM.
- 13 REMOVE EXISTING DOOR AND FRAME SYSTEM IN ITS ENTIRETY
- 14 REMOVE MARKERBOARD/TACKBOARD/CHALKBOARD IN ITS ENTIRETY, PREP WALL FOR NEW FINISHES.
- 15| REMOVE MOUNTED PROJECTOR/TV/SMARTBOARD/SCREEN IN ITS ENTIRETY REMOVE METAL LOCKERS. REMOVE CONCRETE BASE AS REQUIRED FOR NEW CONSTRUCTION. PATCH AND REPAIR FLOOR TO RECEIVE NEW FINISH 17 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 AS REQUIRED TO ACCEPT NEW FINISHES.
- 18 REMOVE TOILET AND PARTITIONS IN THEIR ENTIRETY. REMOVE TOILET ACCESSORIES AND TURN OVER TO OWNER.
- REMOVE EXISTING FLOOR DRAIN. REFER TO PLUMBING DRAWINGS. REMOVE METAL STUD AND GYPSUM BOARD BULKHEAD IN ITS ENTIRETY.
- PATCH AND REPAIR WALL AS REQUIRED FOR NEW FINISHES. EXISTING STEEL COLUMN TO REMAIN.
- PATCH AND REPAIR ADJACENT WALL AND FLOOR AS REQUIRED TO ACCEPT

REMOVE EXISTING COLUMN IN ITS ENTIRETY. COORDINATE WITH STRUCTUR

- 26 REMOVE MASONRY WALL (AS REQUIRED FOR NEW CONSTRUCTION.) PATCH AND REPAIR ADJACENT FLOOR AND WALL AS REQUIRED TO ACCEPT NEW

- COORDINATE WITH STRUCTURAL DRAWINGS.
- PREPARE FLOOR AND WALL TO ACCEPT NEW FINISHES. 31 REMOVE EXISTING ACOUSTIC WALL TREATMENT IN ITS ENTIRETY. PREPARE WALL TO ACCEPT NEW FINISHES.
- 32 REMOVE EXISTING EIFS SOFFIT SYSTEM IN ITS ENTIRETY, INCLUDING ─ FRAMING.

- EXISTING EA-125 FLOOR SLAB.
- 36 REMOVE WALL MOUNTED BENCH IN ITS ENTIRETY. PATCH AND REPAIR ADJACENT WALL/FLOOR TO ACCEPT NEW FINISHES.
- GIBRALTAR DESIGN SHEET 37 REMOVE EXISTING STAGE CURTAIN AND TRACK SYSTEM IN ITS ENTIRETY

DRAWING

PLAN

PROJECT

LIBERTY IS -

UNIT "C" ARCHITECTURAL

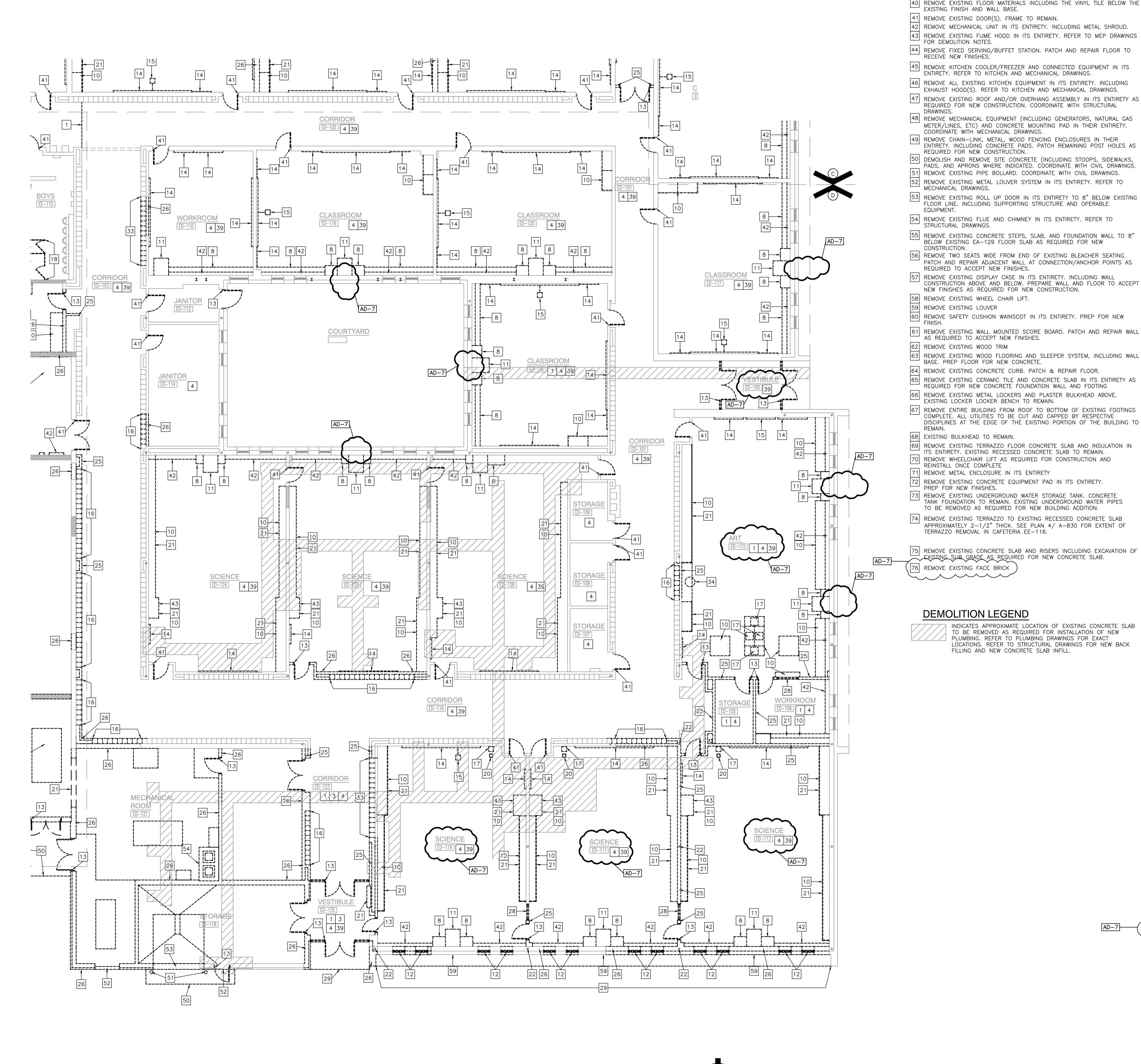
ADDITIONS & RENOVATIONS

FIRST FLOOR DEMOLITION

AD103

NEW FINISHES.

- 27 REMOVE CONCRETE SLAB IN ITS ENTIRETY.
- 28 REMOVE EXISTING WINDOW SYSTEM IN ITS ENTIRETY. 29 REMOVE ROOF ASSEMBLY IN ITS ENTIRETY FOR NEW CONSTRUCTION.
- 30 REMOVE STAIR/RAMP ASSEMBLY AND ACCESSORIES IN ITS ENTIRETY.
- 33 REMOVE EXISTING METAL LOCKERS. CONCRETE BASE TO REMAIN.
- 34 REMOVE KILN IN ITS ENTIRETY. SALVAGE FOR REINSTALLATION.
- 35 REMOVE EXISTING CONCRETE STEPS AND FOUNDATION WALL TO 8" BELOW
- 38 REMOVE EXISTING AUTOMATIC SMOKE VENTILATOR INCLUDING BULKHEAD AND



40 REMOVE EXISTING FLOOR MATERIALS INCLUDING THE VINYL TILE BELOW THE

EXISTING FINISH AND WALL BASE.

41 REMOVE EXISTING DOOR(S). FRAME TO REMAIN 42 REMOVE MECHANICAL UNIT IN ITS ENTIRETY. INCLUDING METAL SHROUD.

43 REMOVE EXISTING FUME HOOD IN ITS ENTIRETY. REFER TO MEP DRAWINGS FOR DEMOLITION NOTES. 44 REMOVE FIXED SERVING/BUFFET STATION. PATCH AND REPAIR FLOOR TO

RECEIVE NEW FINISHES.

45 REMOVE KITCHEN COOLER/FREEZER AND CONNECTED EQUIPMENT IN ITS ENTIRETY. REFER TO KITCHEN AND MECHANICAL DRAWINGS.

46 REMOVE ALL EXISTING KITCHEN EQUIPMENT IN ITS ENTIRETY. INCLUDING EXHAUST HOOD(S). REFER TO KITCHEN AND MECHANICAL DRAWINGS.

REQUIRED FOR NEW CONSTRUCTION. COORDINATE WITH STRUCTURAL **DRAWINGS** 48 REMOVE MECHANICAL EQUIPMENT (INCLUDING GENERATORS, NATURAL GAS

METER/LINES, ETC) AND CONCRETE MOUNTING PAD IN THEIR ENTIRETY. COORDINATE WITH MECHANICAL DRAWINGS.

49 REMOVE CHAIN-LINK, METAL, WOOD FENCING ENCLOSURES IN THEIR ENTIRETY. INCLUDING CONCRETE PADS. PATCH REMAINING POST HOLES AS REQUIRED FOR NEW CONSTRUCTION

50 DEMOLISH AND REMOVE SITE CONCRETE (INCLUDING STOOPS, SIDEWALKS, PADS, AND APRONS WHERE INDICATED. COORDINATE WITH CIVIL DRAWINGS. 51 REMOVE EXISTING PIPE BOLLARD. COORDINATE WITH CIVIL DRAWINGS. 52 REMOVE EXISTING METAL LOUVER SYSTEM IN ITS ENTIRETY. REFER TO

MECHANICAL DRAWINGS. 53 REMOVE EXISTING ROLL UP DOOR IN ITS ENTIRETY TO 8" BELOW EXISTING FLOOR LINE. INCLUDING SUPPORTING STRUCTURE AND OPERABLE

54 REMOVE EXISTING FLUE AND CHIMNEY IN ITS ENTIRETY. REFER TO

STRUCTURAL DRAWINGS. 55 REMOVE EXISTING CONCRETE STEPS, SLAB, AND FOUNDATION WALL TO 8"

CONSTRUCTION. 56| REMOVE TWO SEATS WIDE FROM END OF EXISTING BLEACHER SEATING. PATCH AND REPAIR ADJACENT WALL AT CONNECTION/ANCHOR POINTS AS REQUIRED TO ACCEPT NEW FINISHES.

57 REMOVE EXISTING DISPLAY CASE IN ITS ENTIRETY. INCLUDING WALL CONSTRUCTION ABOVE AND BELOW. PREPARE WALL AND FLOOR TO ACCEPT NEW FINISHES AS REQUIRED FOR NEW CONSTRUCTION. 58 REMOVE EXISTING WHEEL CHAIR LIFT.

59 REMOVE EXISTING LOUVER

60 REMOVE SAFETY CUSHION WAINSCOT IN ITS ENTIRETY. PREP FOR NEW

61 REMOVE EXISTING WALL MOUNTED SCORE BOARD. PATCH AND REPAIR WALL AS REQUIRED TO ACCEPT NEW FINISHES. 62 REMOVE EXISTING WOOD TRIM

63 REMOVE EXISTING WOOD FLOORING AND SLEEPER SYSTEM, INCLUDING WALL BASE. PREP FLOOR FOR NEW CONCRETE.

64 REMOVE EXISTING CONCRETE CURB. PATCH & REPAIR FLOOR. REMOVE EXISTING CERAMIC TILE AND CONCRETE SLAB IN ITS ENTIRETY AS REQUIRED FOR NEW CONCRETE FOUNDATION WALL AND FOOTING

66 REMOVE EXISTING METAL LOCKERS AND PLASTER BULKHEAD ABOVE. EXISTING LOCKER LOCKER BENCH TO REMAIN. 67 REMOVE ENTIRE BUILDING FROM ROOF TO BOTTOM OF EXISTING FOOTINGS

COMPLETE. ALL UTILITIES TO BE CUT AND CAPPED BY RESPECTIVE DISCIPLINES AT THE EDGE OF THE EXISTING PORTION OF THE BUILDING TO

68 EXISTING BULKHEAD TO REMAIN.

69 REMOVE EXISTING TERRAZZO FLOOR CONCRETE SLAB AND INSULATION IN \_\_\_\_ ITS ENTIRETY. EXISTING RECESSED CONCRETE SLAB TO REMAIN. 70 REMOVE WHEELCHAIR LIFT AS REQUIRED FOR CONSTRUCTION AND REINSTALL ONCE COMPLETE

REMOVE METAL ENCLOSURE IN ITS ENTIRETY REMOVE EXISTING CONCRETE EQUIPMENT PAD IN ITS ENTIRETY.

PREP FOR NEW FINISHES. 73 REMOVE EXISTING UNDERGROUND WATER STORAGE TANK. CONCRETE TANK FOUNDATION TO REMAIN. EXISTING UNDERGROUND WATER PIPES TO BE REMOVED AS REQUIRED FOR NEW BUILDING ADDITION.

74 REMOVE EXISTING TERRAZZO TO EXISTING RECESSED CONCRETE SLAB APPROXIMATELY 2-1/2" THICK. SEE PLAN 4/ A-830 FOR EXTENT OF TERRAZZO REMOVAL IN CAFETERIA EE-116.

75 REMOVE EXISTING CONCRETE SLAB AND RISERS INCLUDING EXCAVATION OF EXISTING SUB GRADE AS REQUIRED FOR NEW CONCRETE SLAB.

#### **DEMOLITION LEGEND**

INDICATES APPROXIMATE LOCATION OF EXISTING CONCRETE SLAB TO BE REMOVED AS REQUIRED FOR INSTALLATION OF NEW PLUMBING. REFER TO PLUMBING DRAWINGS FOR EXACT LOCATIONS. REFER TO STRUCTURAL DRAWINGS FOR NEW BACK FILLING AND NEW CONCRETE SLAB INFILL.

#### **GENERAL DEMOLITION NOTES**

SYSTEMS.

A. FOR GENERAL PROJECT NOTES, MATERIAL INDICATIONS LEGEND, SYMBOL LEGEND, ABBREVIATIONS, ETC., REFER TO GI SERIES SHEETS.

B. UNLESS NOTED OTHERWISE ON THIS SHEET, THE GENERAL CONTRACTOR IS RESPONSIBLE FOR ALL DEMOLITION AND REMOVAL WORK INDICATED ON

CONTRACTORS ENCOUNTERING EXISTING MATERIAL WHICH IS SUSPECTED OF

CONTAINING ASBESTOS SHALL STOP WORK IMMEDIATELY AND NOTIFY THE OWNER AND THE OWNERS REPRESENTATIVE.

. 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

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.

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.

. EACH CONTRACTOR SHALL BE RESPONSIBLE FOR OFF SITE REMOVAL OF ALL DEMOLITION MATERIALS AND/OR ITEMS UNLESS NOTED OTHERWISE OR DIRECTED BY THE OWNER.

REQUIRED TO PREVENT THE SPREAD OF DUST INTO SURROUNDING AREAS (WHERE APPLICABLE).

H. PRIOR TO STARTING DEMOLITION, CONSTRUCT DUST CONTROL BARRIERS AS

WHERE BUILDING EGRESS IS REQUIRED TO PASS THROUGH DEMOLITION AREAS, PROVIDE APPROVED BARRIERS, ETC. TO ENSURE SAFETY OF THE

RELOCATED ITEMS SHALL BE CLEANED AND PLACED IN STORAGE, PER

OWNERS' DIRECTION, UNTIL ITEMS ARE READY TO BE INSTALLED. IF IT ARE DAMAGED DURING DEMOLITION OR RELOCATION, THEY SHALL BE REPAIRED OR REPLACED WITH NEW ITEMS AS APPROVED. 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. 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 AS REQUIRED 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

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 AS REQUIRED TO MATCH ADJACENT SURFACES OR RECEIVE NEW FINISHES WHERE APPLICABLE. REFER TO ALL DEMOLITION DRAWINGS FOR EXTENT OF ITEMS TO REMOVED.

OVER CUT NEW OPENINGS IN EXISTING WALL AS REQUIRED FOR NEW CONSTRUCTION. PATCH AND REPAIR WALLS AS REQUIRED 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.

EACH CONTRACTOR SHALL BE RESPONSIBLE FOR GENERAL REVIEW OF DEMOLITION NOTES AND GENERAL DEMOLITION NOTES AS THEY APPLY TO THEIR SCOPE OF WORK.

REFER TO THE STRUCTURAL, MECHANICAL, PLUMBING, ELECTRICAL AND TECHNOLOGY DOCUMENTS FOR COMPLETE SCOPE OF DEMOLITION WORK.

"FLOORING" DENOTES FLOOR COVERING MATERIALS INCLUDING BACKING, ADHESIVES, AND BASES DOWN TO BUT EXCLUSIVE OF FLOOR SLABS AND STRUCTURAL MATERIALS UNLESS NOTED OTHERWISE.

U. 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.) REMOVE EXISTING FLOOR FINISH AND WALL BASE IN ITS ENTIRETY. PREP FOR NEW FINISHES.

REMOVE EXISTING FLOOR FINISH AND CONCRETE SLAB IN ITS ENTIRETY. 3 REMOVE CERAMIC TILE WALL FINISH IN ITS ENTIRETY.

4 REMOVE ACOUSTICAL BOARD CEILING SYSTEM IN ITS ENTIRETY.

REMOVE EXISTING PLASTER CEILING SYSTEM IN ITS ENTIRETY 6 REMOVE EXISTING FOLDING PARTITION IN ITS ENTIRETY INCLUDING TRACK AND TRACK SUPPORT FRAMING

7 REMOVE EXISTING DIVIDER/HAND RAIL. 8 REMOVE SHELVING AND COUNTERTOP SYSTEM IN ITS ENTIRETY. PATCH AND

REPAIR FLOOR AS REQUIRED TO ACCEPT NEW FINISHES. 9 REMOVE CERAMIC OR PORCELAIN TILE FLOORING SYSTEM INCLUDING SETTING BED IN ITS ENTIRETY.

10 REMOVE CASEWORK IN ITS ENTIRETY. PATCH AND REPAIR WALL AND FLOOR COPYRIGHT NOTICE: AS REQUIRED TO ACCEPT NEW FINISHES. 11 REMOVE UNIT VENTILATOR SYSTEM IN ITS ENTIRETY. SEE MECHANICAL

12 REMOVE WINDOW SYSTEM IN ITS ENTIRETY. PREPARE OPENING TO ACCEPT NEW WINDOW SYSTEM. 13 REMOVE EXISTING DOOR AND FRAME SYSTEM IN ITS ENTIRETY.

|14| REMOVE MARKERBOARD/TACKBOARD/CHALKBOARD IN ITS ENTIRETY, PREP. WALL FOR NEW FINISHES. 15| REMOVE MOUNTED PROJECTOR/TV/SMARTBOARD/SCREEN IN ITS ENTIRETY.

REMOVE METAL LOCKERS. REMOVE CONCRETE BASE AS REQUIRED FOR NEW CONSTRUCTION. PATCH AND REPAIR FLOOR TO RECEIVE NEW FINISH 17 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 AS REQUIRED TO

ACCEPT NEW FINISHES. 18 REMOVE TOILET AND PARTITIONS IN THEIR ENTIRETY.

19 REMOVE TOILET ACCESSORIES AND TURN OVER TO OWNER. REMOVE EXISTING FLOOR DRAIN. REFER TO PLUMBING DRAWINGS.

REMOVE METAL STUD AND GYPSUM BOARD BULKHEAD IN ITS ENTIRETY. PATCH AND REPAIR WALL AS REQUIRED FOR NEW FINISHES. 2 EXISTING STEEL COLUMN TO REMAIN.

24 REMOVE SECTION OF WALL TO CREATE NEW OPENING FOR DOOR AND/C \_\_\_\_LOUVER. 25 REMOVE METAL STUD AND PLASTER/GYPSUM BOARD WALL IN ITS ENTIRE PATCH AND REPAIR ADJACENT WALL AND FLOOR AS REQUIRED TO ACCEPT

REMOVE EXISTING COLUMN IN ITS ENTIRETY. COORDINATE WITH STRUCTU

NEW FINISHES. 26 REMOVE MASONRY WALL (AS REQUIRED FOR NEW CONSTRUCTION.) PATCH AND REPAIR ADJACENT FLOOR AND WALL AS REQUIRED TO ACCEPT NEW

FINISHES. 27 REMOVE CONCRETE SLAB IN ITS ENTIRETY.

EXISTING EA-125 FLOOR SLAB.

--- FRAMING IN ITS ENTIRETY.

28 REMOVE EXISTING WINDOW SYSTEM IN ITS ENTIRETY. 29 REMOVE ROOF ASSEMBLY IN ITS ENTIRETY FOR NEW CONSTRUCTION. COORDINATE WITH STRUCTURAL DRAWINGS.

30 REMOVE STAIR/RAMP ASSEMBLY AND ACCESSORIES IN ITS ENTIRETY. PREPARE FLOOR AND WALL TO ACCEPT NEW FINISHES. 31 REMOVE EXISTING ACOUSTIC WALL TREATMENT IN ITS ENTIRETY. PREPARE WALL TO ACCEPT NEW FINISHES.

32 REMOVE EXISTING EIFS SOFFIT SYSTEM IN ITS ENTIRETY, INCLUDING ─ FRAMING. 33 REMOVE EXISTING METAL LOCKERS. CONCRETE BASE TO REMAIN.

34 REMOVE KILN IN ITS ENTIRETY. SALVAGE FOR REINSTALLATION. 35 REMOVE EXISTING CONCRETE STEPS AND FOUNDATION WALL TO 8" BELOW

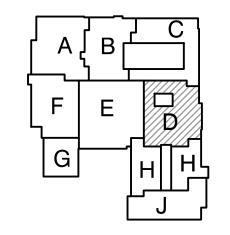
36 REMOVE WALL MOUNTED BENCH IN ITS ENTIRETY. PATCH AND REPAIR ADJACENT WALL/FLOOR TO ACCEPT NEW FINISHES. 37 REMOVE EXISTING STAGE CURTAIN AND TRACK SYSTEM IN ITS ENTIRETY. 38 REMOVE EXISTING AUTOMATIC SMOKE VENTILATOR INCLUDING BULKHEAD AND



DESIGN ARCHITECTURE • ENGINEERING • INTERIOR DESIGN

**INTERMEDIATE** SCHOOL -**ADDITIONS &** RENOVATIONS

DUNELAND SCHOOL CORPORATION CHESTERTON, INDIANA



KEY PLAN

GIBRALTAR DESIGN 1102 N. Meridian St., Ste. 300

dianapolis, IN 46260 lomepage www.GibraltarDesign.com mail info@GibraltarDesign.com Phone 317.580.5777 Fax 317.580.577

PROJECT 04/25/22 OORDINATED E 19600171 STATE OF DND

THE CONCEPTS, DESIGNS, PLANS, DETAILS, ETC, SHOWN ON THIS DOCUMENT ARE THE PROPERTY OF GIBRALTAR DESIGN AND WERE CREATED FOR USE ON THIS SPECIFIC PROJECT. NONE OF

OF GIBRALTAR DESIGN. THE OWNER MAY RETAIN COPIES I INFORMATION AND REFERENCE IN CONNECTION ONLY WITH PROJECT.					
REVIS	IONS				
MARK	DATE	ISSUED FOR			
AD-7	6/06/22	ADDENDUM NO.7			

+		
<i>'</i>		
RAL		
<sub>R</sub> )		
TY.		
-'-'		

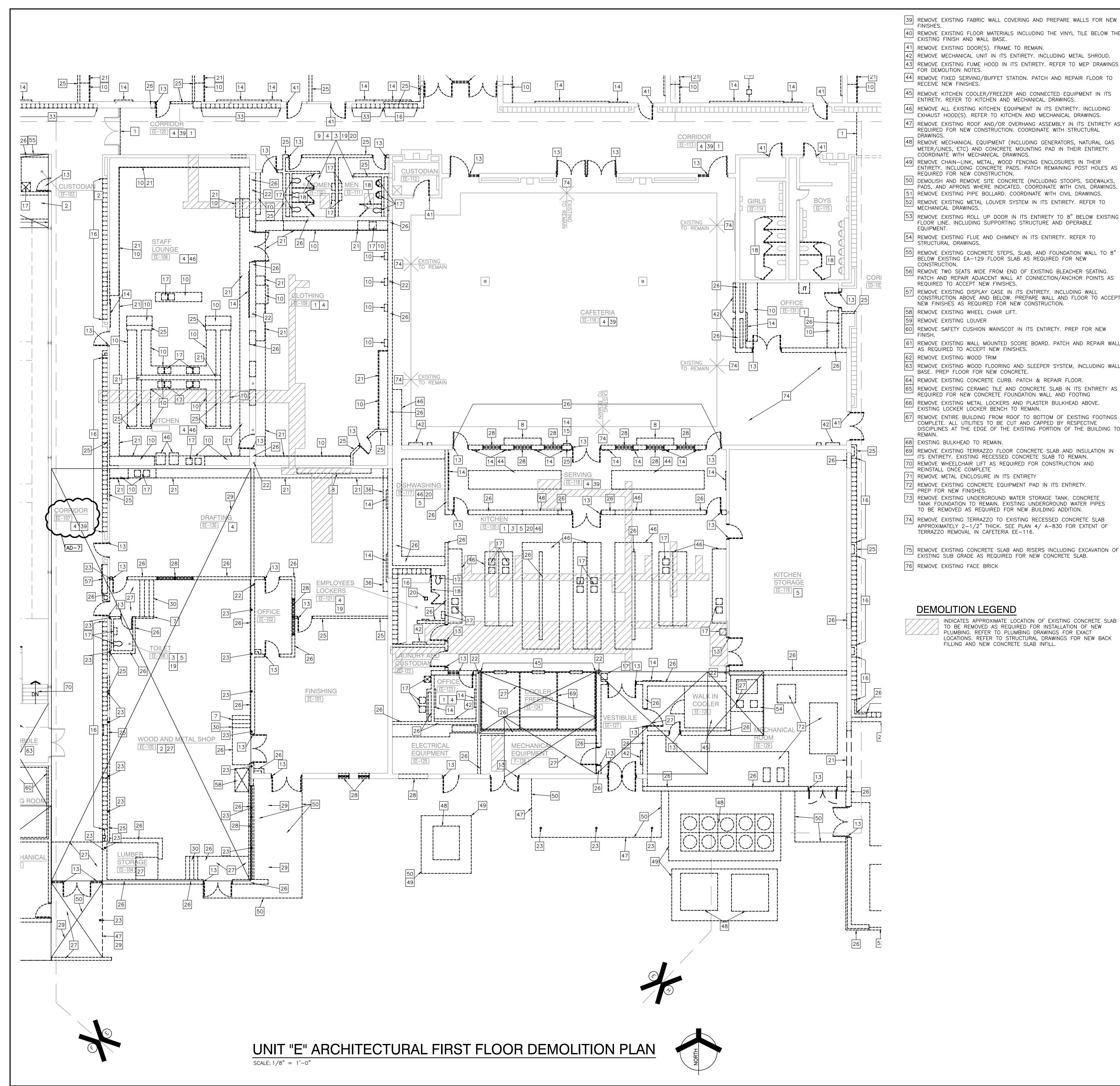
DRAWING UNIT "D" ARCHITECTURAL FIRST FLOOR DEMOLITION

PROJECT LIBERTY IS -**ADDITIONS & RENOVATIONS** 

GIBRALTAR DESIGN SHEET

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





40 REMOVE EXISTING FLOOR MATERIALS INCLUDING THE VINYL TILE BELOW THE

EXISTING FINISH AND WALL BASE.

41 REMOVE EXISTING DOOR(S). FRAME TO REMAIN 42 REMOVE MECHANICAL UNIT IN ITS ENTIRETY. INCLUDING METAL SHROUD.

REMOVE EXISTING FUME HOOD IN ITS ENTIRETY. REFER TO MEP DRAWINGS FOR DEMOLITION NOTES. 44 REMOVE FIXED SERVING/BUFFET STATION. PATCH AND REPAIR FLOOR TO

RECEIVE NEW FINISHES.

45 REMOVE KITCHEN COOLER/FREEZER AND CONNECTED EQUIPMENT IN ITS ENTIRETY. REFER TO KITCHEN AND MECHANICAL DRAWINGS.

46 REMOVE ALL EXISTING KITCHEN EQUIPMENT IN ITS ENTIRETY. INCLUDING EXHAUST HOOD(S). REFER TO KITCHEN AND MECHANICAL DRAWINGS.

47 REMOVE EXISTING ROOF AND/OR OVERHANG ASSEMBLY IN ITS ENTIRETY AS REQUIRED FOR NEW CONSTRUCTION. COORDINATE WITH STRUCTURAL **DRAWINGS** 48 REMOVE MECHANICAL EQUIPMENT (INCLUDING GENERATORS, NATURAL GAS

METER/LINES, ETC) AND CONCRETE MOUNTING PAD IN THEIR ENTIRETY. COORDINATE WITH MECHANICAL DRAWINGS.

49 REMOVE CHAIN-LINK, METAL, WOOD FENCING ENCLOSURES IN THEIR ENTIRETY. INCLUDING CONCRETE PADS. PATCH REMAINING POST HOLES AS REQUIRED FOR NEW CONSTRUCTION

50 DEMOLISH AND REMOVE SITE CONCRETE (INCLUDING STOOPS, SIDEWALKS, PADS, AND APRONS WHERE INDICATED. COORDINATE WITH CIVIL DRAWINGS. REMOVE EXISTING PIPE BOLLARD. COORDINATE WITH CIVIL DRAWINGS. 52 REMOVE EXISTING METAL LOUVER SYSTEM IN ITS ENTIRETY. REFER TO

53 REMOVE EXISTING ROLL UP DOOR IN ITS ENTIRETY TO 8" BELOW EXISTING FLOOR LINE. INCLUDING SUPPORTING STRUCTURE AND OPERABLE

54 REMOVE EXISTING FLUE AND CHIMNEY IN ITS ENTIRETY. REFER TO STRUCTURAL DRAWINGS.

BELOW EXISTING EA-129 FLOOR SLAB AS REQUIRED FOR NEW CONSTRUCTION. 56| REMOVE TWO SEATS WIDE FROM END OF EXISTING BLEACHER SEATING. PATCH AND REPAIR ADJACENT WALL AT CONNECTION/ANCHOR POINTS AS

REQUIRED TO ACCEPT NEW FINISHES. 57 REMOVE EXISTING DISPLAY CASE IN ITS ENTIRETY. INCLUDING WALL CONSTRUCTION ABOVE AND BELOW. PREPARE WALL AND FLOOR TO ACCEPT NEW FINISHES AS REQUIRED FOR NEW CONSTRUCTION.

59 REMOVE EXISTING LOUVER 60 REMOVE SAFETY CUSHION WAINSCOT IN ITS ENTIRETY. PREP FOR NEW

61 REMOVE EXISTING WALL MOUNTED SCORE BOARD. PATCH AND REPAIR WALL AS REQUIRED TO ACCEPT NEW FINISHES.

63 REMOVE EXISTING WOOD FLOORING AND SLEEPER SYSTEM, INCLUDING WALL BASE. PREP FLOOR FOR NEW CONCRETE.

64 REMOVE EXISTING CONCRETE CURB. PATCH & REPAIR FLOOR. REMOVE EXISTING CERAMIC TILE AND CONCRETE SLAB IN ITS ENTIRETY AS REQUIRED FOR NEW CONCRETE FOUNDATION WALL AND FOOTING

66 REMOVE EXISTING METAL LOCKERS AND PLASTER BULKHEAD ABOVE. EXISTING LOCKER LOCKER BENCH TO REMAIN. 67 REMOVE ENTIRE BUILDING FROM ROOF TO BOTTOM OF EXISTING FOOTINGS

COMPLETE. ALL UTILITIES TO BE CUT AND CAPPED BY RESPECTIVE DISCIPLINES AT THE EDGE OF THE EXISTING PORTION OF THE BUILDING TO

68 EXISTING BULKHEAD TO REMAIN.

69 REMOVE EXISTING TERRAZZO FLOOR CONCRETE SLAB AND INSULATION IN TIS ENTIRETY. EXISTING RECESSED CONCRETE SLAB TO REMAIN. 70 REMOVE WHEELCHAIR LIFT AS REQUIRED FOR CONSTRUCTION AND REINSTALL ONCE COMPLETE

REMOVE METAL ENCLOSURE IN ITS ENTIRETY REMOVE EXISTING CONCRETE EQUIPMENT PAD IN ITS ENTIRETY.

PREP FOR NEW FINISHES. 73| REMOVE EXISTING UNDERGROUND WATER STORAGE TANK. CONCRETE TANK FOUNDATION TO REMAIN. EXISTING UNDERGROUND WATER PIPES TO BE REMOVED AS REQUIRED FOR NEW BUILDING ADDITION.

74 REMOVE EXISTING TERRAZZO TO EXISTING RECESSED CONCRETE SLAB APPROXIMATELY 2-1/2" THICK. SEE PLAN 4/ A-830 FOR EXTENT OF TERRAZZO REMOVAL IN CAFETERIA EE-116.

75 REMOVE EXISTING CONCRETE SLAB AND RISERS INCLUDING EXCAVATION OF EXISTING SUB GRADE AS REQUIRED FOR NEW CONCRETE SLAB. 76 REMOVE EXISTING FACE BRICK

#### **DEMOLITION LEGEND**

INDICATES APPROXIMATE LOCATION OF EXISTING CONCRETE SLAB TO BE REMOVED AS REQUIRED FOR INSTALLATION OF NEW PLUMBING. REFER TO PLUMBING DRAWINGS FOR EXACT LOCATIONS. REFER TO STRUCTURAL DRAWINGS FOR NEW BACK FILLING AND NEW CONCRETE SLAB INFILL.

#### **GENERAL DEMOLITION NOTES**

- A. FOR GENERAL PROJECT NOTES, MATERIAL INDICATIONS LEGEND, SYMBOL LEGEND, ABBREVIATIONS, ETC., REFER TO GI SERIES SHEETS.
- B. UNLESS NOTED OTHERWISE ON THIS SHEET, THE GENERAL CONTRACTOR IS RESPONSIBLE FOR ALL DEMOLITION AND REMOVAL WORK INDICATED ON
- CONTRACTORS ENCOUNTERING EXISTING MATERIAL WHICH IS SUSPECTED OF CONTAINING ASBESTOS SHALL STOP WORK IMMEDIATELY AND NOTIFY THE
- OWNER AND THE OWNERS REPRESENTATIVE. . 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.
- 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.
- 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.
- . 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 AS REQUIRED TO PREVENT THE SPREAD OF DUST INTO SURROUNDING AREAS (WHERE APPLICABLE).

WHERE BUILDING EGRESS IS REQUIRED TO PASS THROUGH DEMOLITION AREAS, PROVIDE APPROVED BARRIERS, ETC. TO ENSURE SAFETY OF THE

RELOCATED ITEMS SHALL BE CLEANED AND PLACED IN STORAGE, PER OWNERS' DIRECTION, UNTIL ITEMS ARE READY TO BE INSTALLED. IF IT ARE DAMAGED DURING DEMOLITION OR RELOCATION, THEY SHALL BE REPAIRED OR REPLACED WITH NEW ITEMS AS APPROVED. 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. EACH CONTRACTOR IS RESPONSIBLE FOR CUTTING, PATCHING, AND

DISCONNECTION OF ITEMS APPLICABLE TO THEIR SCOPE OF WORK. WHERE

FINISHES AND/OR EXISTING SURFACE AND PATCH AS REQUIRED 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

EXISTING SERVICES ARE ABANDONED, CAP AT LEAST 1" BEHIND NEW

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 AS REQUIRED TO MATCH ADJACENT SURFACES OR RECEIVE NEW FINISHES WHERE APPLICABLE. REFER TO ALL DEMOLITION DRAWINGS FOR EXTENT OF ITEMS TO REMOVED.

OVER CUT NEW OPENINGS IN EXISTING WALL AS REQUIRED FOR NEW CONSTRUCTION. PATCH AND REPAIR WALLS AS REQUIRED 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.

. EACH CONTRACTOR SHALL BE RESPONSIBLE FOR GENERAL REVIEW OF DEMOLITION NOTES AND GENERAL DEMOLITION NOTES AS THEY APPLY TO THEIR SCOPE OF WORK.

REFER TO THE STRUCTURAL, MECHANICAL, PLUMBING, ELECTRICAL AND TECHNOLOGY DOCUMENTS FOR COMPLETE SCOPE OF DEMOLITION WORK.

"FLOORING" DENOTES FLOOR COVERING MATERIALS INCLUDING BACKING ADHESIVES, AND BASES DOWN TO BUT EXCLUSIVE OF FLOOR SLABS AND STRUCTURAL MATERIALS UNLESS NOTED OTHERWISE.

U. 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.) REMOVE EXISTING FLOOR FINISH AND WALL BASE IN ITS ENTIRETY. PREP FOR NEW FINISHES.

REMOVE EXISTING FLOOR FINISH AND CONCRETE SLAB IN ITS ENTIRETY.

3 REMOVE CERAMIC TILE WALL FINISH IN ITS ENTIRETY. 4 REMOVE ACOUSTICAL BOARD CEILING SYSTEM IN ITS ENTIRETY.

REMOVE EXISTING PLASTER CEILING SYSTEM IN ITS ENTIRETY

6 REMOVE EXISTING FOLDING PARTITION IN ITS ENTIRETY INCLUDING TRACK AND TRACK SUPPORT FRAMING 7 REMOVE EXISTING DIVIDER/HAND RAIL.

8 REMOVE SHELVING AND COUNTERTOP SYSTEM IN ITS ENTIRETY. PATCH AND REPAIR FLOOR AS REQUIRED TO ACCEPT NEW FINISHES.

9 REMOVE CERAMIC OR PORCELAIN TILE FLOORING SYSTEM INCLUDING SETTING BED IN ITS ENTIRETY. 10 REMOVE CASEWORK IN ITS ENTIRETY. PATCH AND REPAIR WALL AND FLOOR COPYRIGHT NOTICE:

AS REQUIRED TO ACCEPT NEW FINISHES. 11 REMOVE UNIT VENTILATOR SYSTEM IN ITS ENTIRETY. SEE MECHANICAL

12 REMOVE WINDOW SYSTEM IN ITS ENTIRETY. PREPARE OPENING TO ACCEPT NEW WINDOW SYSTEM. 13 REMOVE EXISTING DOOR AND FRAME SYSTEM IN ITS ENTIRETY 14 REMOVE MARKERBOARD/TACKBOARD/CHALKBOARD IN ITS ENTIRETY, PREP

WALL FOR NEW FINISHES. 15| REMOVE MOUNTED PROJECTOR/TV/SMARTBOARD/SCREEN IN ITS ENTIRETY REMOVE METAL LOCKERS. REMOVE CONCRETE BASE AS REQUIRED FOR NEW CONSTRUCTION. PATCH AND REPAIR FLOOR TO RECEIVE NEW FINISH

17 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 AS REQUIRED TO ACCEPT NEW FINISHES. 18 REMOVE TOILET AND PARTITIONS IN THEIR ENTIRETY.

LOUVER.

19 REMOVE TOILET ACCESSORIES AND TURN OVER TO OWNER.

REMOVE EXISTING FLOOR DRAIN. REFER TO PLUMBING DRAWINGS. REMOVE METAL STUD AND GYPSUM BOARD BULKHEAD IN ITS ENTIRETY. PATCH AND REPAIR WALL AS REQUIRED FOR NEW FINISHES. 22 EXISTING STEEL COLUMN TO REMAIN.

23 REMOVE EXISTING COLUMN IN ITS ENTIRETY. COORDINATE WITH STRUCTU 24 REMOVE SECTION OF WALL TO CREATE NEW OPENING FOR DOOR AND/C

25 REMOVE METAL STUD AND PLASTER/GYPSUM BOARD WALL IN ITS ENTIRE PATCH AND REPAIR ADJACENT WALL AND FLOOR AS REQUIRED TO ACCEPT NEW FINISHES.

26 REMOVE MASONRY WALL (AS REQUIRED FOR NEW CONSTRUCTION.) PATC AND REPAIR ADJACENT FLOOR AND WALL AS REQUIRED TO ACCEPT NEW FINISHES.

27 REMOVE CONCRETE SLAB IN ITS ENTIRETY. 28 REMOVE EXISTING WINDOW SYSTEM IN ITS ENTIRETY.

29 REMOVE ROOF ASSEMBLY IN ITS ENTIRETY FOR NEW CONSTRUCTION. COORDINATE WITH STRUCTURAL DRAWINGS. 30 REMOVE STAIR/RAMP ASSEMBLY AND ACCESSORIES IN ITS ENTIRETY.

PREPARE FLOOR AND WALL TO ACCEPT NEW FINISHES. 31 REMOVE EXISTING ACOUSTIC WALL TREATMENT IN ITS ENTIRETY. PREPARE WALL TO ACCEPT NEW FINISHES. 32 REMOVE EXISTING EIFS SOFFIT SYSTEM IN ITS ENTIRETY, INCLUDING

─ FRAMING. REMOVE EXISTING METAL LOCKERS. CONCRETE BASE TO REMAIN.

34 REMOVE KILN IN ITS ENTIRETY. SALVAGE FOR REINSTALLATION. 35 REMOVE EXISTING CONCRETE STEPS AND FOUNDATION WALL TO 8" BELOW EXISTING EA-125 FLOOR SLAB.

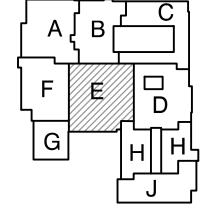
ADJACENT WALL/FLOOR TO ACCEPT NEW FINISHES. 37 REMOVE EXISTING STAGE CURTAIN AND TRACK SYSTEM IN ITS ENTIRETY. 38 REMOVE EXISTING AUTOMATIC SMOKE VENTILATOR INCLUDING BULKHEAD AND

36 REMOVE WALL MOUNTED BENCH IN ITS ENTIRETY. PATCH AND REPAIR



**INTERMEDIATE** SCHOOL -**ADDITIONS &** RENOVATIONS

DUNELAND SCHOOL CORPORATION CHESTERTON, INDIANA



KEY PLAN

GIBRALTAR DESIGN

102 N. Meridian St., Ste. 300 dianapolis, IN 46260 lomepage www.GibraltarDesign.com mail info@GibraltarDesign.com Phone 317.580.5777 Fax 317.580.577;

PROJECT 04/25/22 OORDINATED E 19600171 STATE OF

DND

THE CONCEPTS, DESIGNS, PLANS, DETAILS, ETC, SHOWN ON THIS DOCUMENT ARE THE PROPERTY OF GIBRALTAR DESIGN AND WERE CREATED FOR USE ON THIS SPECIFIC PROJECT. NONE OF

OF GIBRALTAR DESIGN. THE OWNER MAY RETAIN COPIES F INFORMATION AND REFERENCE IN CONNECTION ONLY WITH PROJECT.			
REVISIONS			
MARK	DATE	ISSUED FOR	
AD-1	05/05/22	ADDENDUM NO. 1	
40 7	F /40 /00		

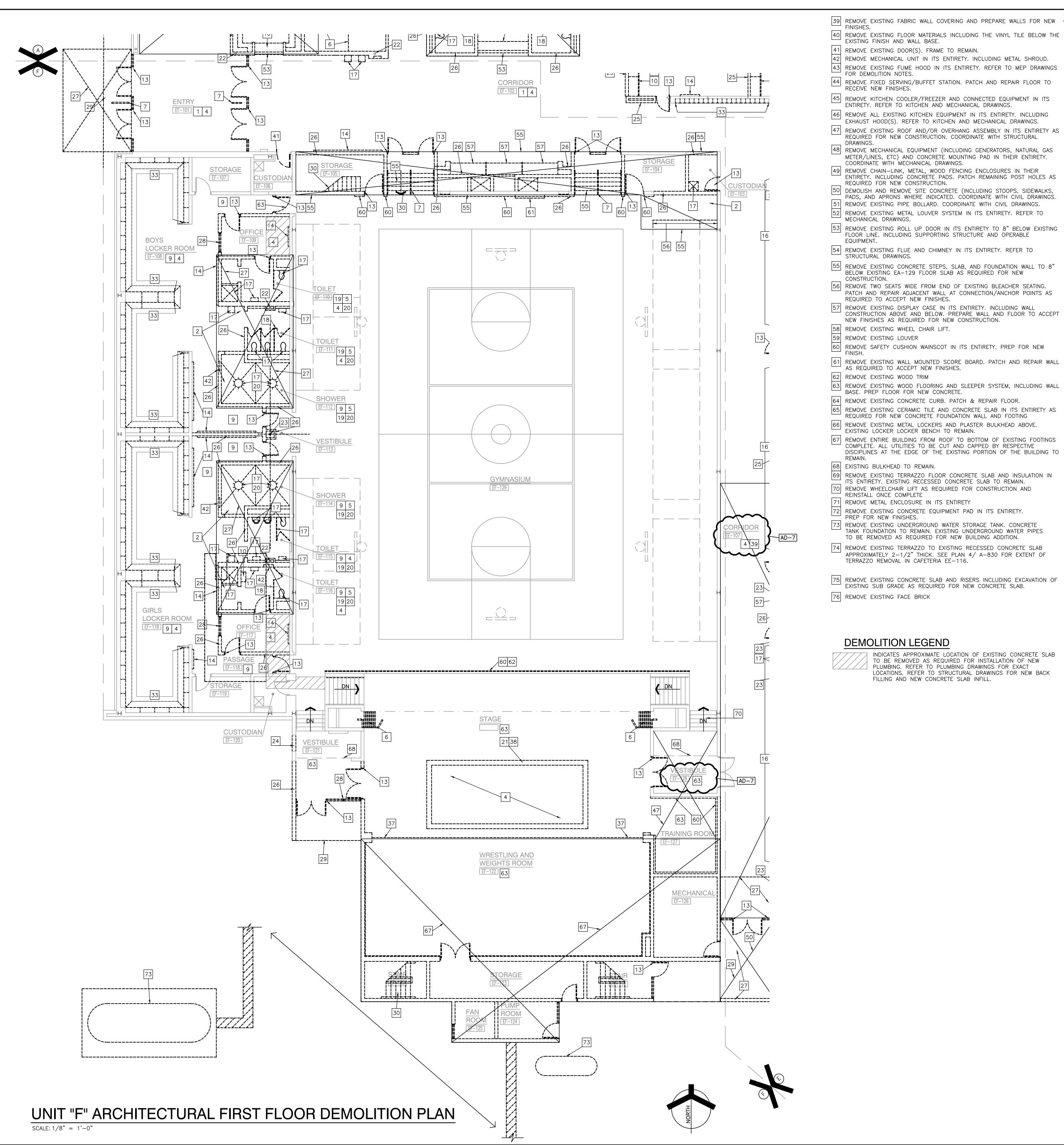
D-3 | 5/12/22 | ADDENDUM NO.3D-5 |5/23/22| ADDENDUM NO.5 D-7 | 6/06/22 | ADDENDUM NO.7

JRAL		
DR		
ETY.		
ETY. :PT		
NI I		
CH V		

DRAWING UNIT "E" ARCHITECTURAL FIRST FLOOR DEMOLITION PLAN

PROJECT LIBERTY IS -**ADDITIONS & RENOVATIONS** 

GIBRALTAR DESIGN SHEET AD105



- A. FOR GENERAL PROJECT NOTES, MATERIAL INDICATIONS LEGEND, SYMBOL 40 REMOVE EXISTING FLOOR MATERIALS INCLUDING THE VINYL TILE BELOW THE LEGEND, ABBREVIATIONS, ETC., REFER TO GI SERIES SHEETS.
  - B. UNLESS NOTED OTHERWISE ON THIS SHEET, THE GENERAL CONTRACTOR IS RESPONSIBLE FOR ALL DEMOLITION AND REMOVAL WORK INDICATED ON
  - CONTRACTORS ENCOUNTERING EXISTING MATERIAL WHICH IS SUSPECTED OF CONTAINING ASBESTOS SHALL STOP WORK IMMEDIATELY AND NOTIFY THE
  - OWNER AND THE OWNERS REPRESENTATIVE. . BOLD DASHED LINES INDICATE EXISTING ITEMS TO BE REMOVED UNLESS
  - VERIFYING THE EXTENT OF DEMOLITION WORK PRIOR TO BIDDING AND FOR COORDINATING THE EXTENT OF DEMOLITION WITH THE INSTALLATION OF NEW SYSTEMS.
  - 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.
  - REMOVE ALL ITEMS AND FINISHES MADE OBSOLETE BY NEW CONSTRUCTION. VERIFY ITEMS DEEMED OBSOLETE WITH ARCHITECT PRIOR TO REMOVAL.
  - G. EACH CONTRACTOR SHALL BE RESPONSIBLE FOR OFF SITE REMOVAL OF DIRECTED BY THE OWNER.
  - H. PRIOR TO STARTING DEMOLITION, CONSTRUCT DUST CONTROL BARRIERS AS REQUIRED TO PREVENT THE SPREAD OF DUST INTO SURROUNDING AREAS
  - WHERE BUILDING EGRESS IS REQUIRED TO PASS THROUGH DEMOLITION
  - RELOCATED ITEMS SHALL BE CLEANED AND PLACED IN STORAGE, PER OWNERS' DIRECTION, UNTIL ITEMS ARE READY TO BE INSTALLED. IF ITE

ARE DAMAGED DURING DEMOLITION OR RELOCATION, THEY SHALL BE

- PATCH AND REPAIR ADJACENT WALL AT CONNECTION/ANCHOR POINTS AS REQUIRED TO ACCEPT NEW FINISHES. 57 REMOVE EXISTING DISPLAY CASE IN ITS ENTIRETY. INCLUDING WALL CONSTRUCTION ABOVE AND BELOW. PREPARE WALL AND FLOOR TO ACCEPT NEW FINISHES AS REQUIRED FOR NEW CONSTRUCTION.
- 59 REMOVE EXISTING LOUVER 60 REMOVE SAFETY CUSHION WAINSCOT IN ITS ENTIRETY. PREP FOR NEW
- 61 REMOVE EXISTING WALL MOUNTED SCORE BOARD. PATCH AND REPAIR WALL AS REQUIRED TO ACCEPT NEW FINISHES. 62 REMOVE EXISTING WOOD TRIM
- 63 REMOVE EXISTING WOOD FLOORING AND SLEEPER SYSTEM, INCLUDING WALL BASE. PREP FLOOR FOR NEW CONCRETE.
- 64 REMOVE EXISTING CONCRETE CURB. PATCH & REPAIR FLOOR. 65 REMOVE EXISTING CERAMIC TILE AND CONCRETE SLAB IN ITS ENTIRETY AS
- REQUIRED FOR NEW CONCRETE FOUNDATION WALL AND FOOTING 66 REMOVE EXISTING METAL LOCKERS AND PLASTER BULKHEAD ABOVE. EXISTING LOCKER LOCKER BENCH TO REMAIN.
- 67 REMOVE ENTIRE BUILDING FROM ROOF TO BOTTOM OF EXISTING FOOTINGS COMPLETE. ALL UTILITIES TO BE CUT AND CAPPED BY RESPECTIVE DISCIPLINES AT THE EDGE OF THE EXISTING PORTION OF THE BUILDING TO
- 68 EXISTING BULKHEAD TO REMAIN.

EXISTING FINISH AND WALL BASE.

ENTIRETY. REFER TO KITCHEN AND MECHANICAL DRAWINGS.

COORDINATE WITH MECHANICAL DRAWINGS.

REQUIRED FOR NEW CONSTRUCTION

MECHANICAL DRAWINGS.

STRUCTURAL DRAWINGS.

CONSTRUCTION.

EXHAUST HOOD(S). REFER TO KITCHEN AND MECHANICAL DRAWINGS.

REQUIRED FOR NEW CONSTRUCTION. COORDINATE WITH STRUCTURAL

METER/LINES, ETC) AND CONCRETE MOUNTING PAD IN THEIR ENTIRETY.

ENTIRETY. INCLUDING CONCRETE PADS. PATCH REMAINING POST HOLES AS

PADS, AND APRONS WHERE INDICATED. COORDINATE WITH CIVIL DRAWINGS.

FLOOR LINE. INCLUDING SUPPORTING STRUCTURE AND OPERABLE

BELOW EXISTING EA-129 FLOOR SLAB AS REQUIRED FOR NEW

FOR DEMOLITION NOTES.

RECEIVE NEW FINISHES.

DRAWINGS.

- 69 REMOVE EXISTING TERRAZZO FLOOR CONCRETE SLAB AND INSULATION IN TIS ENTIRETY. EXISTING RECESSED CONCRETE SLAB TO REMAIN.
- 70 REMOVE WHEELCHAIR LIFT AS REQUIRED FOR CONSTRUCTION AND REINSTALL ONCE COMPLETE 71 REMOVE METAL ENCLOSURE IN ITS ENTIRETY
- REMOVE EXISTING CONCRETE EQUIPMENT PAD IN ITS ENTIRETY. PREP FOR NEW FINISHES.
- 73 REMOVE EXISTING UNDERGROUND WATER STORAGE TANK. CONCRETE TANK FOUNDATION TO REMAIN. EXISTING UNDERGROUND WATER PIPES TO BE REMOVED AS REQUIRED FOR NEW BUILDING ADDITION.
- 74 REMOVE EXISTING TERRAZZO TO EXISTING RECESSED CONCRETE SLAB APPROXIMATELY 2-1/2" THICK. SEE PLAN 4/ A-830 FOR EXTENT OF TERRAZZO REMOVAL IN CAFETERIA EE-116.
- 75 REMOVE EXISTING CONCRETE SLAB AND RISERS INCLUDING EXCAVATION OF EXISTING SUB GRADE AS REQUIRED FOR NEW CONCRETE SLAB. 76 REMOVE EXISTING FACE BRICK

#### **DEMOLITION LEGEND**

INDICATES APPROXIMATE LOCATION OF EXISTING CONCRETE SLAB TO BE REMOVED AS REQUIRED FOR INSTALLATION OF NEW PLUMBING. REFER TO PLUMBING DRAWINGS FOR EXACT LOCATIONS. REFER TO STRUCTURAL DRAWINGS FOR NEW BACK FILLING AND NEW CONCRETE SLAB INFILL.

#### **GENERAL DEMOLITION NOTES**

- OTHERWISE NOTED. THE CONTRACTOR SHALL BE RESPONSIBLE FOR FIELD
- EACH CONTRACTOR SHALL BE RESPONSIBLE FOR ALL DEMOLITION
- REFER TO NEW CONSTRUCTION DRAWINGS FOR DEMOLITION REQUIRED NOT SHOWN ON DEMOLITION PLANS.
- ALL DEMOLITION MATERIALS AND/OR ITEMS UNLESS NOTED OTHERWISE OR
- (WHERE APPLICABLE).
- AREAS, PROVIDE APPROVED BARRIERS, ETC. TO ENSURE SAFETY OF THE
- REPAIRED OR REPLACED WITH NEW ITEMS AS APPROVED. 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. 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
- M. ON WALLS THAT ARE TO RECEIVE NEW FINISHES, REMOVE AND REINSTALL EXISTING EQUIPMENT TO REMAIN AS REQUIRED FOR INSTALLATION OF NEW

NEW FINISHES OR MATCH EXISTING FINISH.

FINISHES AND/OR EXISTING SURFACE AND PATCH AS REQUIRED TO RECEIVE

- 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 AS REQUIRED TO MATCH ADJACENT SURFACES OR RECEIVE NEW FINISHES WHERE APPLICABLE. REFER TO ALL DEMOLITION DRAWINGS FOR EXTENT OF ITEMS TO REMOVED.
- OVER CUT NEW OPENINGS IN EXISTING WALL AS REQUIRED FOR NEW CONSTRUCTION. PATCH AND REPAIR WALLS AS REQUIRED 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.
- . EACH CONTRACTOR SHALL BE RESPONSIBLE FOR GENERAL REVIEW OF DEMOLITION NOTES AND GENERAL DEMOLITION NOTES AS THEY APPLY TO THEIR SCOPE OF WORK.
- . REFER TO THE STRUCTURAL, MECHANICAL, PLUMBING, ELECTRICAL AND TECHNOLOGY DOCUMENTS FOR COMPLETE SCOPE OF DEMOLITION WORK.
- T. "FLOORING" DENOTES FLOOR COVERING MATERIALS INCLUDING BACKING, ADHESIVES, AND BASES DOWN TO BUT EXCLUSIVE OF FLOOR SLABS AND STRUCTURAL MATERIALS UNLESS NOTED OTHERWISE.
- U. 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.)

- REMOVE EXISTING FLOOR FINISH AND WALL BASE IN ITS ENTIRETY. PREP FOR NEW FINISHES.
- REMOVE EXISTING FLOOR FINISH AND CONCRETE SLAB IN ITS ENTIRETY.
- 3 REMOVE CERAMIC TILE WALL FINISH IN ITS ENTIRETY.
- 4 REMOVE ACOUSTICAL BOARD CEILING SYSTEM IN ITS ENTIRETY. 5 REMOVE EXISTING PLASTER CEILING SYSTEM IN ITS ENTIRETY
- 6 REMOVE EXISTING FOLDING PARTITION IN ITS ENTIRETY INCLUDING TRACK AND TRACK SUPPORT FRAMING 7 REMOVE EXISTING DIVIDER/HAND RAIL.
- 8 REMOVE SHELVING AND COUNTERTOP SYSTEM IN ITS ENTIRETY. PATCH AND REPAIR FLOOR AS REQUIRED TO ACCEPT NEW FINISHES.
- 9 REMOVE CERAMIC OR PORCELAIN TILE FLOORING SYSTEM INCLUDING SETTING BED IN ITS ENTIRETY.
- 10 REMOVE CASEWORK IN ITS ENTIRETY. PATCH AND REPAIR WALL AND FLOOR COPYRIGHT NOTICE: AS REQUIRED TO ACCEPT NEW FINISHES. 11 REMOVE UNIT VENTILATOR SYSTEM IN ITS ENTIRETY. SEE MECHANICAL
- 12 REMOVE WINDOW SYSTEM IN ITS ENTIRETY. PREPARE OPENING TO ACC → NEW WINDOW SYSTEM. 13 REMOVE EXISTING DOOR AND FRAME SYSTEM IN ITS ENTIRETY.
- 14 REMOVE MARKERBOARD/TACKBOARD/CHALKBOARD IN ITS ENTIRETY, P WALL FOR NEW FINISHÉS. 15| REMOVE MOUNTED PROJECTOR/TV/SMARTBOARD/SCREEN IN ITS ENTIRETY
- 16 REMOVE METAL LOCKERS. REMOVE CONCRETE BASE AS REQUIRED FOR NEW CONSTRUCTION. PATCH AND REPAIR FLOOR TO RECEIVE NEW FINISH 17 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 AS REQUIRED TO
- ACCEPT NEW FINISHES. 18 REMOVE TOILET AND PARTITIONS IN THEIR ENTIRETY.
- 19 REMOVE TOILET ACCESSORIES AND TURN OVER TO OWNER. REMOVE EXISTING FLOOR DRAIN. REFER TO PLUMBING DRAWINGS. REMOVE METAL STUD AND GYPSUM BOARD BULKHEAD IN ITS ENTIRETY.
- PATCH AND REPAIR WALL AS REQUIRED FOR NEW FINISHES. 22 EXISTING STEEL COLUMN TO REMAIN. 23 REMOVE EXISTING COLUMN IN ITS ENTIRETY. COORDINATE WITH STRUCTURA
- 24 REMOVE SECTION OF WALL TO CREATE NEW OPENING FOR DOOR AND/OR LOUVER.
- 25 REMOVE METAL STUD AND PLASTER/GYPSUM BOARD WALL IN ITS ENTIRETY PATCH AND REPAIR ADJACENT WALL AND FLOOR AS REQUIRED TO ACCEPT
- 26 REMOVE MASONRY WALL (AS REQUIRED FOR NEW CONSTRUCTION.) PATCH AND REPAIR ADJACENT FLOOR AND WALL AS REQUIRED TO ACCEPT NEW
- 27 REMOVE CONCRETE SLAB IN ITS ENTIRETY.
- 28 REMOVE EXISTING WINDOW SYSTEM IN ITS ENTIRETY. 29 REMOVE ROOF ASSEMBLY IN ITS ENTIRETY FOR NEW CONSTRUCTION. COORDINATE WITH STRUCTURAL DRAWINGS.
- 30 REMOVE STAIR/RAMP ASSEMBLY AND ACCESSORIES IN ITS ENTIRETY. PREPARE FLOOR AND WALL TO ACCEPT NEW FINISHES. 31 REMOVE EXISTING ACOUSTIC WALL TREATMENT IN ITS ENTIRETY. PREPARE WALL TO ACCEPT NEW FINISHES.
- 32 REMOVE EXISTING EIFS SOFFIT SYSTEM IN ITS ENTIRETY, INCLUDING REMOVE EXISTING METAL LOCKERS. CONCRETE BASE TO REMAIN.
- 34 REMOVE KILN IN ITS ENTIRETY. SALVAGE FOR REINSTALLATION. 35 REMOVE EXISTING CONCRETE STEPS AND FOUNDATION WALL TO 8" BELOW

EXISTING EA-125 FLOOR SLAB. 36 REMOVE WALL MOUNTED BENCH IN ITS ENTIRETY. PATCH AND REPAIR ADJACENT WALL/FLOOR TO ACCEPT NEW FINISHES. 37 REMOVE EXISTING STAGE CURTAIN AND TRACK SYSTEM IN ITS ENTIRETY.

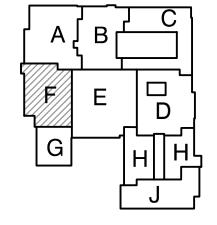
38 REMOVE EXISTING AUTOMATIC SMOKE VENTILATOR INCLUDING BULKHEAD AND



DESIGN ARCHITECTURE • ENGINEERING • INTERIOR DESIGN

# SCHOOL -RENOVATIONS

DUNELAND SCHOOL CORPORATION CHESTERTON, INDIANA



KEY PLAN

## GIBRALTAR DESIGN

1102 N. Meridian St., Ste. 300 dianapolis, IN 46260 omepage www.GibraltarDesign.com mail info@GibraltarDesign.com 

ROJECT	
21-139	
ATE	EJ. WAGNIN
04/25/22	A CONTRACTOR OF THE CONTRACTOR
OORDINATED BY	ND.
OORDINATED BY	19600171
	=     CTATE DE

THE CONCEPTS, DESIGNS, PLANS, DETAILS, ETC, SHOWN ON THIS DOCUMENT ARE THE PROPERTY OF GIBRALTAR DESIGN AND WERE CREATED FOR USE ON THIS SPECIFIC PROJECT. NONE OF

CEPT	THIS INFORMATION SHALL BE USED BY ANY PERSON OR FOR ANY PURPOSE WITHOUT THE EXPRESS WRITTEN CONS OF GIBRALTAR DESIGN. THE OWNER MAY RETAIN COPIES INFORMATION AND REFERENCE IN CONNECTION ONLY WITH PROJECT.			
	REVIS	IONS		
REP	MARK	DATE	ISSUED FO	R
	AD-1	05/05/22	ADDENDUM	NO. 1

	AD-3	5/12/22	ADDENDUM	NO.3
	AD-4	5/18/22	ADDENDUM	NO.4
	AD-5	5/23/22	ADDENDUM	NO.5
	AD-7	6/06/22	ADDENDUM	NO.7
٩L				
	·			

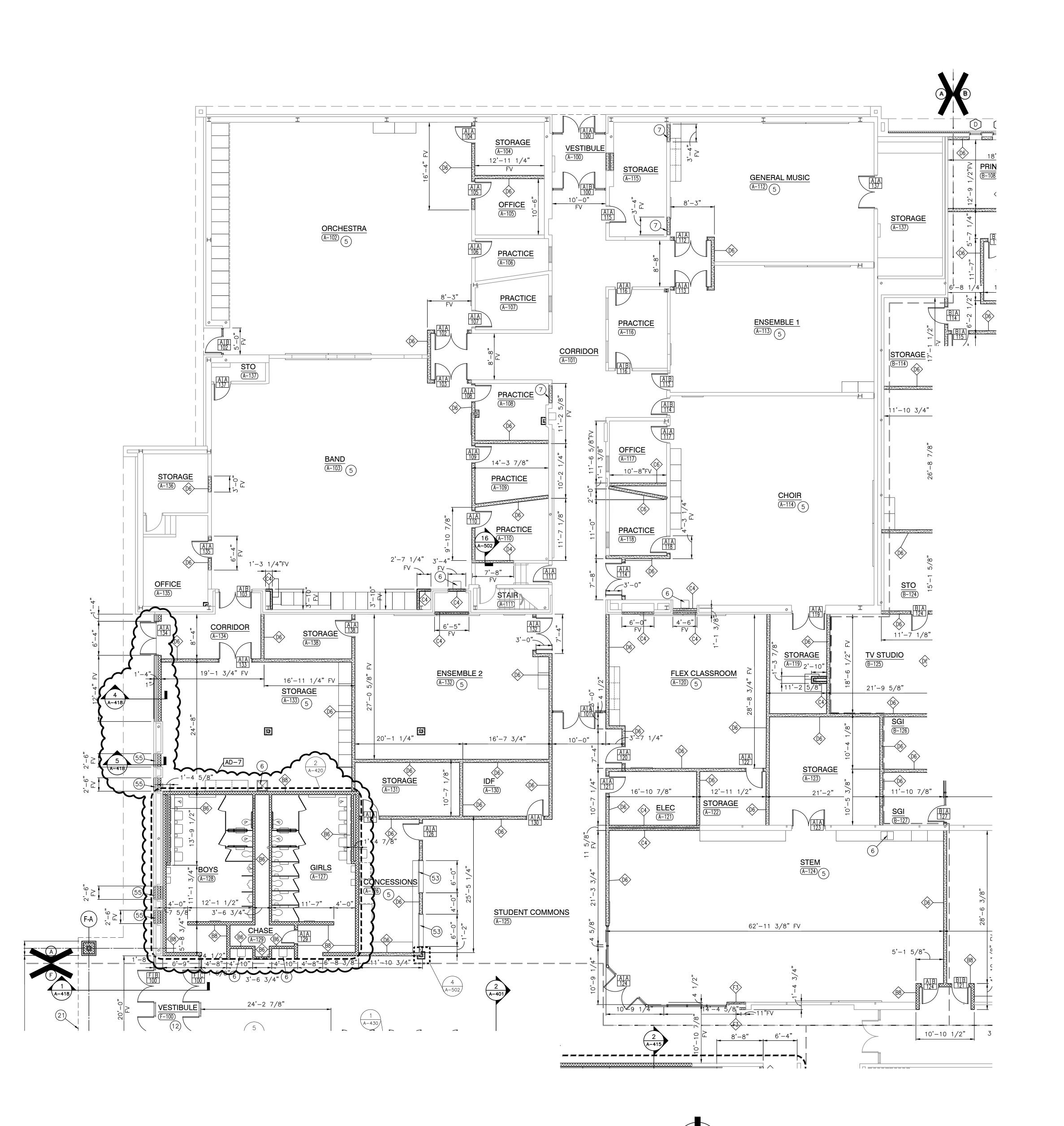
DRAWING **UNIT "F" ARCHITECTURAL** 

FIRST FLOOR DEMOLITION

PROJECT LIBERTY IS -

**ADDITIONS & RENOVATIONS** GIBRALTAR DESIGN SHEET

AD106



**GENERAL PLAN NOTES:** 

- A. FOR GENERAL PROJECT NOTES, MATERIAL INDICATIONS LEGEND, SYMBOL LEGEND, ABBREVIATIONS, ETC., REFER TO G SERIES SHEETS.
- B. PLAN DIMENSIONS TO MASONRY WALLS ARE TO FACE OF ROUGH MASONRY. PLAN DIMENSIONS TO STUD WALLS ARE TO FACE OF FINISHED GYPSUM BOARD OR PLASTER. PLAN DIMENSIONS TO STUD WALLS WITH CERAMIC TILE
- FINISH ARE TO THE FACE OF TILE BACKER BOARD. C. ALL CMU WALLS THAT DO NOT LAY OUT IN FULL OR HALF LENGTHS SHOULD BE BALANCED SO AS NOT TO HAVE ANY PIECES LESS THAN 4" IN SIZE
- EXPOSED TO VIEW. D. MASONRY WALLS BEARING ON A THICKENED SLAB AT SLAB DEPRESSIONS REQUIRE CUT MASONRY UNITS SO THAT COURSING BEGINS AT THE FLOOR
- E. THE BASE FIRST FLOOR ELEVATION INDICATED FOR THE PROJECT IS 100'-0" REFER TO SITE PLAN FOR CORRELATION TO USGS DATUM.
- F. HINGE SIDE OF DOOR JAMB AT CMU WALLS SHALL BE LOCATED 8" MINIMUM FROM ADJACENT WALL AND HINGE SIDE OF DOOR JAMB AT GYPSUM BOARD WALLS SHALL BE LOCATED 4" MINIMUM FROM ADJACENT WALL UNLESS NOTE
- G. PROVIDE WOOD BLOCKING (OR METAL STRAPPING WHERE APPLICABLE) AS REQUIRED WITHIN METAL STUD WALLS FOR WALL MOUNTED ITEMS.
- H. REFER TO LIFE SAFETY PLANS REGARDING FIRE RATED WALL LOCATIONS AND OTHER CODE INFORMATION. I. INTERIOR CMU WALLS ARE TO BE RUNNING BOND UNLESS NOTED OTHERWISE
- BULLNOSED, EXCEPT AT MASONRY BULKHEADS AND EXTERIOR WINDOW JAMBS K. WHERE NEW CMU WALLS INTERSECT EXISTING CMU WALLS AT A CORNER OR ARE ALIGNED WITH EXISTING CMU WALLS, TOOTH NEW CMU INTO EXISTING CMU UNLESS NOTED OTHERWISE.

J. ALL EXPOSED CONCRETE MASONRY UNITS (CMU) CORNERS ARE TO BE

- L. REFER TO DEMOLITION SHEETS FOR ADDITIONAL PATCHING AND REPAIR WORK. M. REFER TO FINISH PLANS FOR INTERIOR ELEVATIONS, LOCATION AND EXTENT OF FINISHED FLOOR AND WALL MATERIAL
- N. REFER TO EQUIPMENT PLANS FOR CASEWORK, DISPLAY BOARDS, LOCKERS AND OTHER ADDITIONAL TYPICAL EQUIPMENT NOTES AND INFORMATION.
- O. REFER TO EQUIPMENT PLANS FOR REFERENCE TO ENLARGED TOILET ROOM PLANS AND TOILET ACCESSORIES.

#### PLAN LEGEND:

INDICATES STOREFRONT, CURTAIN WALL, OR WINDOW SYSTEM. REFER TO A-600 SERIES DRAWINGS FOR ELEVATIONS AND DETAILS. INDICATES WALL TYPES REFER TO G-201 FOR WALL THICKNESS, HEIGHT, AND COMPOSITION.

#### PLAN NOTES:

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

(1) CONCRETE STOOP/VOID SLAB, REFER TO STRUCTURAL DRAWINGS. (2) PUSH PAD FOR ADA OPERATOR, REFER TO ELECTRICAL DRAWINGS. (3) CARD/FOB READER, REFER TO ELECTRICAL/TECHNOLOGY DRAWINGS.

(4) KNOX BOX. (5) CASEWORK, MILLWORK, MARKER/TACK BOARDS AND EQUIPEMENT.

REFER TO 700 SERIES DRAWINGS. (6) PLUMBING FIXTURE. SEE PLUMBING DRAWINGS.

(7) FILL IN OPENING WITH SAME MATERIAL AS ADJOINING WALLS.

8) PROVIDE NEW 4" CONCRETE FLOOR SLAB. 9) MOP SINK. REFER TO PLUMBING DRAWINGS.

O) HOUSE KEEPING PAD. VERIFY SIZE AND LOCATION WITH MECHANICAL TRADES. SEE STRUCTURAL DRAWINGS FOR DETAIL. (11) 10'-0" STAINLESS STEEL ROLL-UP DOOR. HEAD AT 8'-0" AFF.

COORDINATE BOTTOM OF DOOR WITH KITCHEN EQUIPMENT. 12) WALLS AROUND PERIMETER OF VESTIBULE TO EXTEND TO DECK.

13) LOCKERS TYPE F. ———

14) CYPSUM BOARD BULKHEAD. REFER TO 900 SERIES DRAWINGS.  $\frac{(2,3,4)}{(A-501)}$ (16) ROOF HATCH AND LADDER.

7) FLOOR DRAIN, REFER TO PLUMBING DRAWING. 18) CABINET HEATER, REFER TO MECHANICAL DRAWINGS.

19) UNIT VENTILATOR, REFER TO MECHANICAL DRAWINGS. 0) ROOF CONDUCTOR, REFER TO PLUMBING DRAWINGS. 21) LINE OF CANOPY ABOVE, REFER TO SECTIONS. 22) 6" PIPE BOLLARD, REFER TO CIVIL DRAWINGS.

23) CHAIN LINK FENCE, REFER TO CIVIL DRAWINGS. (24) DOWNSPOUT, REFER TO ROOF PLAN.

25) LAMINATE CERAMIC TILE BACKER BOARD TO ALL WALLS. 26) FOLDING PARTITION. SEE DETAIL —— 7) PATCH WALL TO MATCH ADJOINING FINISHES WHERE WALL HAS BEEN

(28) PATCH WALL TO MATCH ADJOINING FINISHES WHERE FLOOR SLAB HAS BEEN REMOVED.

(29) NEW CONCRETE SLAB INFILL. REFER TO STRUCTURAL/PLUMBING DRAWINGS FOR EXTENT OF SLAB REMOVAL AND DETAILS.

0) PRIVACY CURTAIN TRACK. SEE DETAIL -(1) PARTIAL HEIGHT STUD WALL. SEE DETAIL 32) partial height brick/cmu wall. see detail——

33) VOLLEYBALL INSERT. SEE DETAIL <sup>.</sup> (34) BLEACHERS FULLY EXTENDED. (35) MOTORIZED BLEACHERS MOUNTED TO EXISTING WALL.

(36) FILL IN RECESSED FLOOR WITH ARDEX. PREP TO RECEIVE NEW FLOOR FINISH. (37) PROVIDE TACKABLE SURFACE AND WALL FABRIC FROM FLOOR TO EXISTING LINTEL.

(38) FILL OPENING WITH 6" CMU. HOLD CMU BACK 2" ON CORRIDOR SIDE. (39) LAMINATE 5/8" GYPSUM BOARD TO EXISTING OR NEW MASONRY WALL.

(40) EXISTING WALL PADDING TO REMAIN. (41) EXISTING DRINKING FOUNTAINS TO REMAIN.

(42) FILL IN OPENING WITH 8" CMU. (43) PROVIDE "ARDEX" SUBFLOOR/FLOOR PATCHING AND PREP FLOOR FOR NEW FINISH. (44) SEE STRUCTURAL DRAWINGS FOR SLAB IN-FILL.

(45) THREE 2 1/2" STRUCTURAL METAL STUDS INSIDE STOREFRONT FRAMING TO SUPPORT 6" BOXED HEADER ABOVE. (46) WRAP COLUMN WITH TYPE C4 WALL TYPES. SEE CLASSROOM G-101 FOR TYPICAL DIMENSIONS.

7) WRAP COLUMN WITH 4" CMU AND RECLAIMED EXISTING FACE BRICK. (48) BRONZE PLAQUE. REFER TO SPECIFICATIONS. 49) PROVIDE NEW CONCRETE SLAB OVER EXISTING CONCRETE PLANKS.

50) SAFETY CUSHION WAINSCOTING. 51) FILL IN OPENING WITH CMU. FINISH FLUSH WITH ADJACENT SURFACES. 52) ELECTROSTATIC PAINT EXISTING LOCKERS

53) 6'–0" WIDE X 4'–4" HIGH ROLL–UP DOOR.  $-\!-\!$ (54) PROVIDE NEW CONCRETE SLAB OVER EXISTING RECESSED

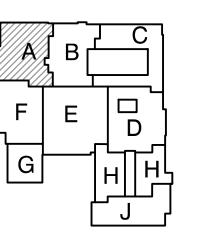
AD-7 (55) INFILL OPENING. SEE SECTION 5 ON A-418.

GIBRALTAR

DESIGN ARCHITECTURE • ENGINEERING • INTERIOR DESIGN

INTERMEDIATE SCHOOL -**ADDITIONS & RENOVATIONS** 

DUNELAND SCHOOL CORPORATION CHESTERTON, INDIANA



KEY PLAN

GIBRALTAR DESIGN 9102 N. Meridian St., Ste. 300

idianapolis, IN 46260 lomepage www.GibraltarDesign.com Email info@GibraltarDesign.com Phone 317.580.5777 Fax 317.580.5778

04/25/22 OORDINATED E 19600171

CND KLS CHECKED BY

THIS INFORMATION SHALL BE USED BY ANY PERSON OR FIRM FOR ANY PURPOSE WITHOUT THE EXPRESS WRITTEN CONSENT OF GIBRALTAR DESIGN. THE OWNER MAY RETAIN COPIES FOR INFORMATION AND REFERENCE IN CONNECTION ONLY WITH THIS PROJECT.

REVISIONS		
MARK	DATE	ISSUED FOR
AD-3	5/12/22	ADDENDUM NO.3
AD-7	6/06/22	ADDENDUM NO.7

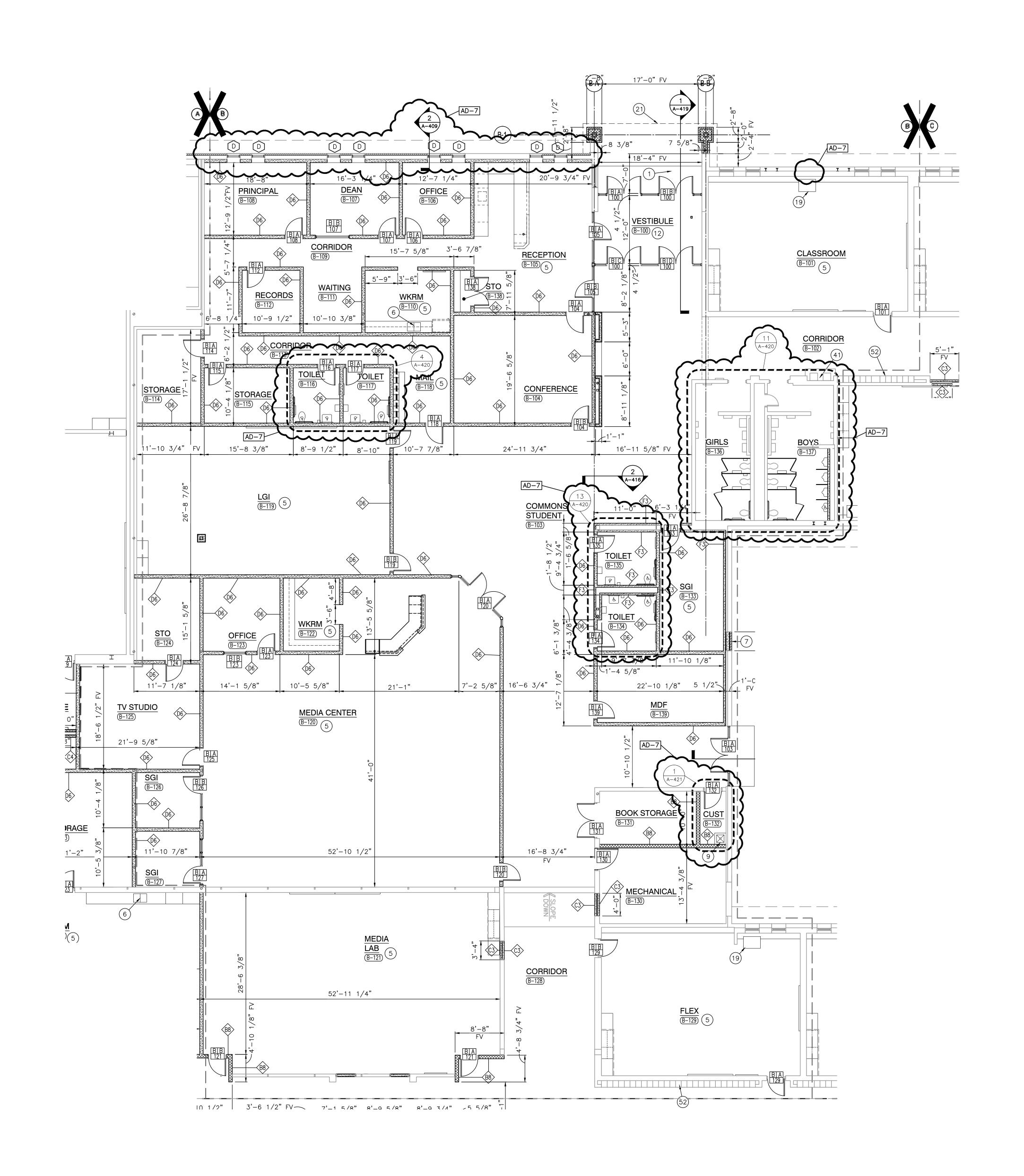
DRAWING

UNIT "A" ARCHITECTURAL FIRST FLOOR PLAN

LIBERTY IS -**ADDITIONS & RENOVATIONS** 

A-101

Friday, 6/3/2022 — 2:18 PM — LAST SAVED BY:CE Y:\21—139 DUNELAND SC — LIBERTY INTERMEDIATE ADDITIONS AND RENOVATIONS\21—139 DRAWINGS\05 ARCH\A—101.DWG



**GENERAL PLAN NOTES:** 

- A. FOR GENERAL PROJECT NOTES, MATERIAL INDICATIONS LEGEND, SYMBOL LEGEND, ABBREVIATIONS, ETC., REFER TO G SERIES SHEETS.
- B. PLAN DIMENSIONS TO MASONRY WALLS ARE TO FACE OF ROUGH MASONRY. PLAN DIMENSIONS TO STUD WALLS ARE TO FACE OF FINISHED GYPSUM BOARD OR PLASTER. PLAN DIMENSIONS TO STUD WALLS WITH CERAMIC TILE
- FINISH ARE TO THE FACE OF TILE BACKER BOARD. C. ALL CMU WALLS THAT DO NOT LAY OUT IN FULL OR HALF LENGTHS SHOULD BE BALANCED SO AS NOT TO HAVE ANY PIECES LESS THAN 4" IN SIZE EXPOSED TO VIEW.
- D. MASONRY WALLS BEARING ON A THICKENED SLAB AT SLAB DEPRESSIONS REQUIRE CUT MASONRY UNITS SO THAT COURSING BEGINS AT THE FLOOR
- E. THE BASE FIRST FLOOR ELEVATION INDICATED FOR THE PROJECT IS 100'-0"
- REFER TO SITE PLAN FOR CORRELATION TO USGS DATUM. F. HINGE SIDE OF DOOR JAMB AT CMU WALLS SHALL BE LOCATED 8" MINIMUM FROM ADJACENT WALL AND HINGE SIDE OF DOOR JAMB AT GYPSUM BOARD
- WALLS SHALL BE LOCATED 4" MINIMUM FROM ADJACENT WALL UNLESS NOTE
- REQUIRED WITHIN METAL STUD WALLS FOR WALL MOUNTED ITEMS. H. REFER TO LIFE SAFETY PLANS REGARDING FIRE RATED WALL LOCATIONS AND OTHER CODE INFORMATION.

I. INTERIOR CMU WALLS ARE TO BE RUNNING BOND UNLESS NOTED OTHERWISE

G. PROVIDE WOOD BLOCKING (OR METAL STRAPPING WHERE APPLICABLE) AS

- J. ALL EXPOSED CONCRETE MASONRY UNITS (CMU) CORNERS ARE TO BE BULLNOSED, EXCEPT AT MASONRY BULKHEADS AND EXTERIOR WINDOW JAMBS K. WHERE NEW CMU WALLS INTERSECT EXISTING CMU WALLS AT A CORNER OR ARE ALIGNED WITH EXISTING CMU WALLS, TOOTH NEW CMU INTO EXISTING CMU UNLESS NOTED OTHERWISE.
- L. REFER TO DEMOLITION SHEETS FOR ADDITIONAL PATCHING AND REPAIR WORK. M. REFER TO FINISH PLANS FOR INTERIOR ELEVATIONS, LOCATION AND EXTENT OF FINISHED FLOOR AND WALL MATERIAL
- N. REFER TO EQUIPMENT PLANS FOR CASEWORK, DISPLAY BOARDS, LOCKERS AND OTHER ADDITIONAL TYPICAL EQUIPMENT NOTES AND INFORMATION.
- O. REFER TO EQUIPMENT PLANS FOR REFERENCE TO ENLARGED TOILET ROOM PLANS AND TOILET ACCESSORIES.

#### PLAN LEGEND:

INDICATES STOREFRONT, CURTAIN WALL, OR WINDOW SYSTEM. REFER TO A-600 SERIES DRAWINGS FOR ELEVATIONS AND DETAILS. INDICATES WALL TYPES REFER TO G-201 FOR WALL THICKNESS, HEIGHT, AND COMPOSITION.

#### PLAN NOTES:

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

(1) CONCRETE STOOP/VOID SLAB, REFER TO STRUCTURAL DRAWINGS. (2) PUSH PAD FOR ADA OPERATOR, REFER TO ELECTRICAL DRAWINGS. (3) CARD/FOB READER, REFER TO ELECTRICAL/TECHNOLOGY DRAWINGS. (4) KNOX BOX.

(5) CASEWORK, MILLWORK, MARKER/TACK BOARDS AND EQUIPEMENT. REFER TO 700 SERIES DRAWINGS.

(6) PLUMBING FIXTURE. SEE PLUMBING DRAWINGS. 7) FILL IN OPENING WITH SAME MATERIAL AS ADJOINING WALLS.

8) PROVIDE NEW 4" CONCRETE FLOOR SLAB.

9) MOP SINK. REFER TO PLUMBING DRAWINGS. O) HOUSE KEEPING PAD. VERIFY SIZE AND LOCATION WITH

MECHANICAL TRADES. SEE STRUCTURAL DRAWINGS FOR DETAIL. (11) 10'-0" STAINLESS STEEL ROLL-UP DOOR. HEAD AT 8'-0" AFF. COORDINATE BOTTOM OF DOOR WITH KITCHEN EQUIPMENT. 12) WALLS AROUND PERIMETER OF VESTIBULE TO EXTEND TO DECK.

13) LOCKERS TYPE F. ———— (14) GYPSUM BOARD BULKHEAD. REFER TO 900 SERIES DRAWINGS. (2,3,4)

15) NOT USED

(16) ROOF HATCH AND LADDER.  $-\!\!\!\!\!-$ 17) FLOOR DRAIN, REFER TO PLUMBING DRAWING.

18) CABINET HEATER, REFER TO MECHANICAL DRAWINGS.

19) UNIT VENTILATOR, REFER TO MECHANICAL DRAWINGS.

 $^{20})$  roof conductor, refer to plumbing drawings. 21) LINE OF CANOPY ABOVE, REFER TO SECTIONS. 22) 6" PIPE BOLLARD, REFER TO CIVIL DRAWINGS.

(23) CHAIN LINK FENCE, REFER TO CIVIL DRAWINGS. (24) DOWNSPOUT, REFER TO ROOF PLAN.

25) LAMINATE CERAMIC TILE BACKER BOARD TO ALL WALLS. (26) FOLDING PARTITION. SEE DETAIL ———

27) PATCH WALL TO MATCH ADJOINING FINISHES WHERE WALL HAS BEEN

BEEN REMOVED. (29) NEW CONCRETE SLAB INFILL. REFER TO STRUCTURAL/PLUMBING

(28) PATCH WALL TO MATCH ADJOINING FINISHES WHERE FLOOR SLAB HAS

DRAWINGS FOR EXTENT OF SLAB REMOVAL AND DETÁILS. 30) PRIVACY CURTAIN TRACK. SEE DETAIL ——

31) PARTIAL HEIGHT STUD WALL. SEE DETAIL 32) partial height brick/cmu wall. see detail —— (33) VOLLEYBALL INSERT. SEE DETAIL

(34) BLEACHERS FULLY EXTENDED. (35) MOTORIZED BLEACHERS MOUNTED TO EXISTING WALL.

(36) FILL IN RECESSED FLOOR WITH ARDEX. PREP TO RECEIVE NEW FLOOR FINISH. (37) PROVIDE TACKABLE SURFACE AND WALL FABRIC FROM FLOOR

TO EXISTING LINTEL. (38) FILL OPENING WITH 6" CMU. HOLD CMU BACK 2" ON CORRIDOR SIDE. (39) LAMINATE 5/8" GYPSUM BOARD TO EXISTING OR NEW MASONRY WALL.

(40) EXISTING WALL PADDING TO REMAIN. (41) EXISTING DRINKING FOUNTAINS TO REMAIN.

(42) FILL IN OPENING WITH 8" CMU. (43) PROVIDE "ARDEX" SUBFLOOR/FLOOR PATCHING AND PREP FLOOR FOR NEW FINISH. (44) SEE STRUCTURAL DRAWINGS FOR SLAB IN-FILL.

(45) THREE 2 1/2" STRUCTURAL METAL STUDS INSIDE STOREFRONT FRAMING TO SUPPORT 6" BOXED HEADER ABOVE. (46) WRAP COLUMN WITH TYPE C4 WALL TYPES. SEE CLASSROOM G-101 FOR TYPICAL DIMENSIONS.

(47) WRAP COLUMN WITH 4" CMU AND RECLAIMED EXISTING FACE BRICK. (48) BRONZE PLAQUE. REFER TO SPECIFICATIONS. (49) PROVIDE NEW CONCRETE SLAB OVER EXISTING CONCRETE PLANKS.

50) SAFETY CUSHION WAINSCOTING. ----51) FILL IN OPENING WITH CMU. FINISH FLUSH WITH ADJACENT SURFACES. 52) ELECTROSTATIC PAINT EXISTING LOCKERS

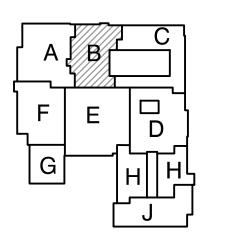
(53) 6'-0" WIDE X 4'-4" HIGH ROLL-UP DOOR. —— (54) PROVIDE NEW CONCRETE SLAB OVER EXISTING RECESSED

CONCRETE SLAB. (55) INFILL OPENING. SEE SECTION 5 ON A-418. GIBRALTAR DESIGN

ARCHITECTURE • ENGINEERING • INTERIOR DESIGN

INTERMEDIATE SCHOOL -**ADDITIONS & RENOVATIONS** 

DUNELAND SCHOOL CORPORATION CHESTERTON, INDIANA



KEY PLAN

GIBRALTAR DESIGN 9102 N. Meridian St., Ste. 300 ndianapolis, IN 46260

łomepage www.GibraltarDesign.com Email info@GibraltarDesign.com Phone 317.580.5777 Fax 317.580.5778 PROJECT

04/25/22 OORDINATED E 19600171 STATE OF CND KLS CHECKED BY

THE CONCEPTS, DESIGNS, PLANS, DETAILS, ETC, SHOWN ON THIS DOCUMENT ARE THE PROPERTY OF GIBRALTAR DESIGN AND WERE CREATED FOR USE ON THIS SPECIFIC PROJECT. NONE OF THIS INFORMATION SHALL BE USED BY ANY PERSON OR FIRM FOR ANY PURPOSE WITHOUT THE EXPRESS WRITTEN CONSENT OF GIBRALTAR DESIGN. THE OWNER MAY RETAIN COPIES FOR INFORMATION AND REFERENCE IN CONNECTION ONLY WITH THIS PROJECT.

REVIS	IONS	
MARK	DATE	ISSUED FOR
AD-5	05/23/22	ADDENDUM NO. 5
AD-7	06/06/22	ADDENDUM NO. 7

01)		
02)		

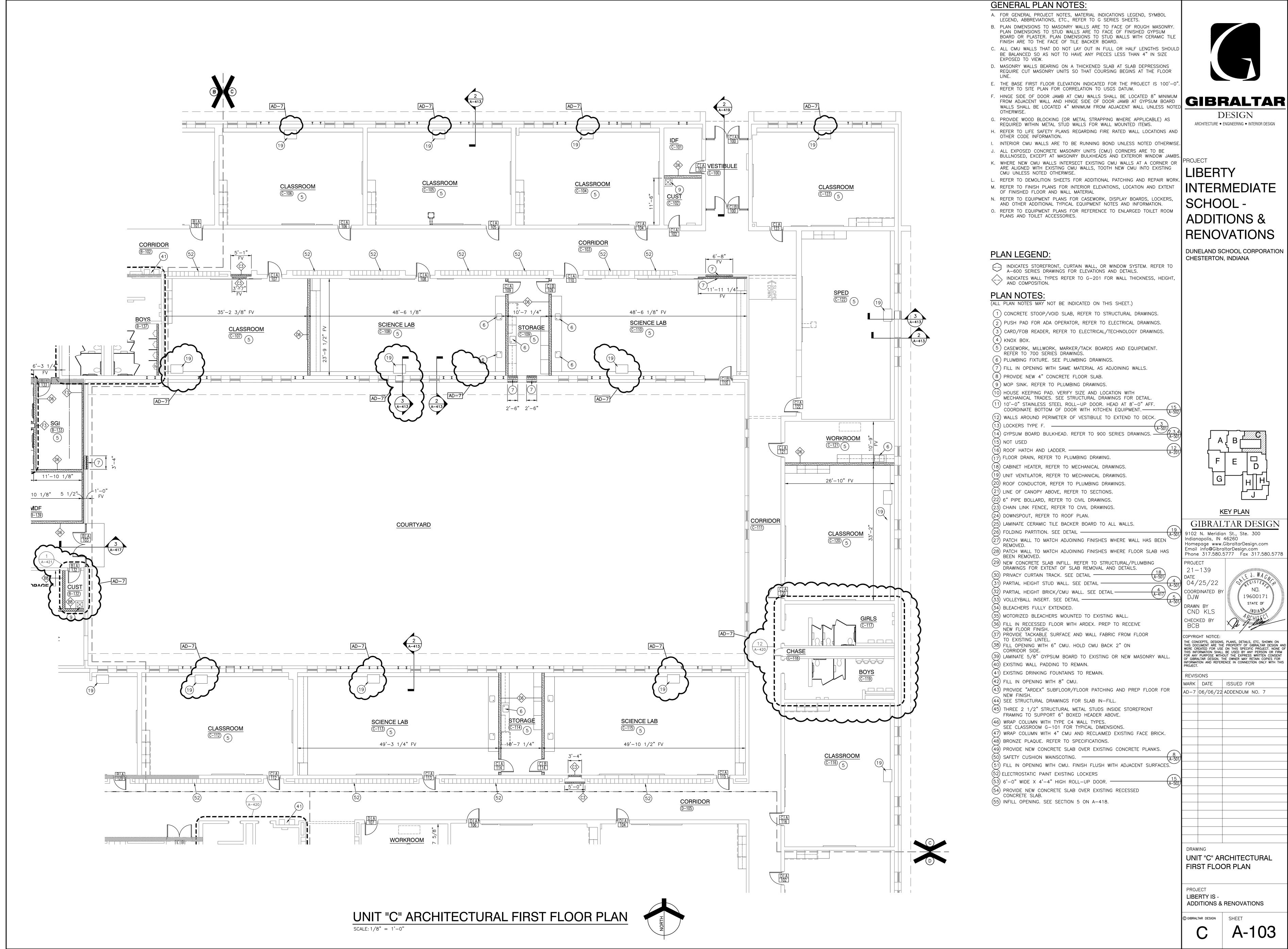
'			
DRAW	/ING		

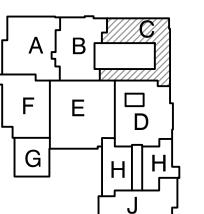
UNIT "B" ARCHITECTURAL FIRST FLOOR PLAN

LIBERTY IS -ADDITIONS & RENOVATIONS

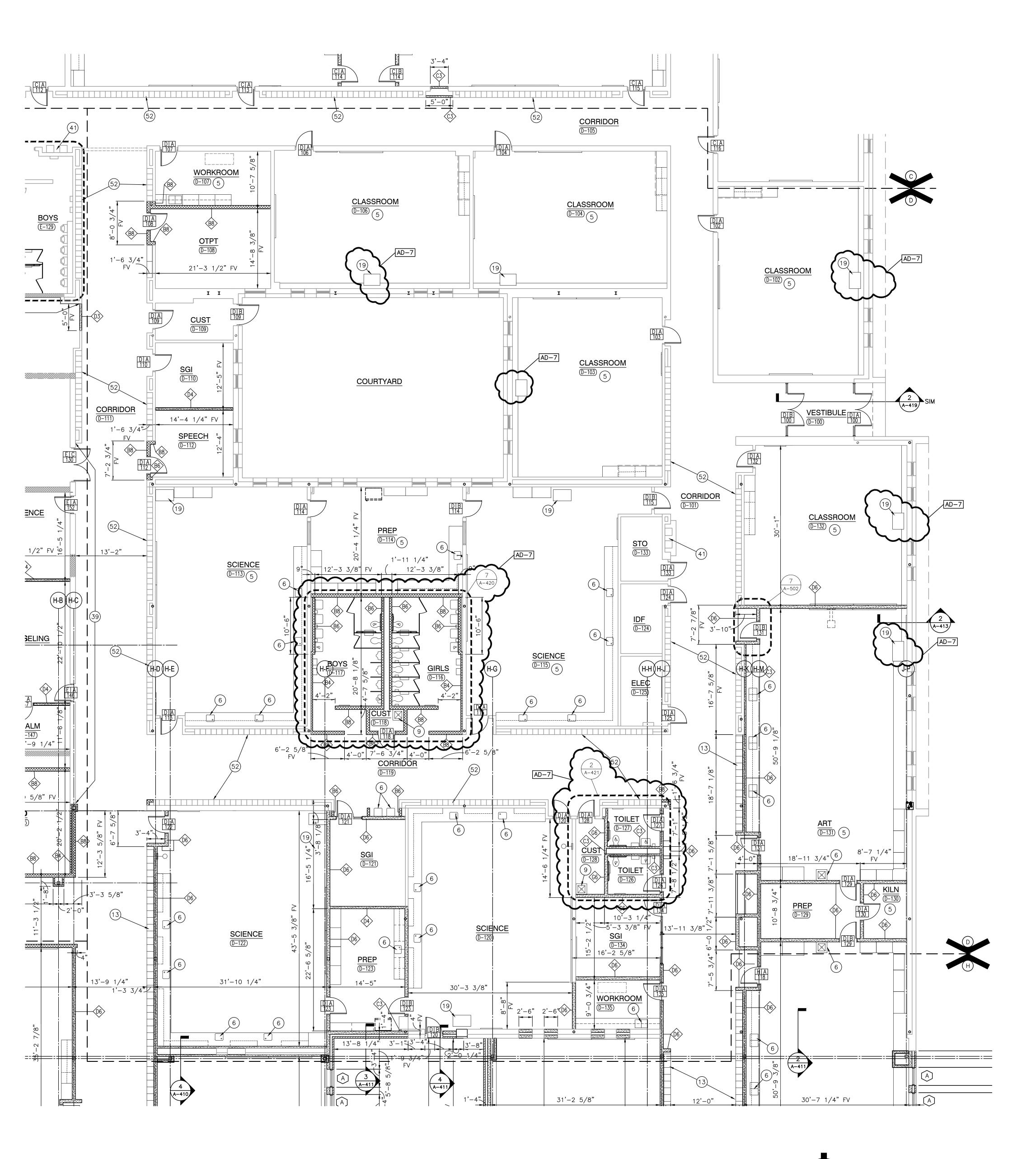
> A-102 В

Friday, 6/3/2022 — 2:19 F Y:\21—139 DUNELAND SC — ADDITIONS AND RENOVATIONS ARCH\A—102.DWG





THE CONCEPTS, DESIGNS, PLANS, DETAILS, ETC, SHOWN ON THIS DOCUMENT ARE THE PROPERTY OF GIBRALTAR DESIGN AND WERE CREATED FOR USE ON THIS SPECIFIC PROJECT. NONE OF



Friday, 6/3/2022 — 2:27 PM — LAST SAVED BY:CE Y:\21—139 DUNELAND SC — LIBERTY INTERMEDIATE ADDITIONS AND RENOVATIONS\21—139 DRAWINGS\05 ARCH\A—104.DWG

**GENERAL PLAN NOTES:** 

- A. FOR GENERAL PROJECT NOTES, MATERIAL INDICATIONS LEGEND, SYMBOL LEGEND, ABBREVIATIONS, ETC., REFER TO G SERIES SHEETS.
- B. PLAN DIMENSIONS TO MASONRY WALLS ARE TO FACE OF ROUGH MASONRY. PLAN DIMENSIONS TO STUD WALLS ARE TO FACE OF FINISHED GYPSUM BOARD OR PLASTER. PLAN DIMENSIONS TO STUD WALLS WITH CERAMIC TILE FINISH ARE TO THE FACE OF TILE BACKER BOARD.
- C. ALL CMU WALLS THAT DO NOT LAY OUT IN FULL OR HALF LENGTHS SHOULD BE BALANCED SO AS NOT TO HAVE ANY PIECES LESS THAN 4" IN SIZE EXPOSED TO VIEW.
- D. MASONRY WALLS BEARING ON A THICKENED SLAB AT SLAB DEPRESSIONS REQUIRE CUT MASONRY UNITS SO THAT COURSING BEGINS AT THE FLOOR
- E. THE BASE FIRST FLOOR ELEVATION INDICATED FOR THE PROJECT IS 100'-0" REFER TO SITE PLAN FOR CORRELATION TO USGS DATUM.
- F. HINGE SIDE OF DOOR JAMB AT CMU WALLS SHALL BE LOCATED 8" MINIMUM FROM ADJACENT WALL AND HINGE SIDE OF DOOR JAMB AT GYPSUM BOARD

GIBRALTAR

DESIGN

ARCHITECTURE • ENGINEERING • INTERIOR DESIGN

INTERMEDIATE

**ADDITIONS &** 

**RENOVATIONS** 

DUNELAND SCHOOL CORPORATION

KEY PLAN

GIBRALTAR DESIGN

Phone 317.580.5777 Fax 317.580.5778

THIS INFORMATION SHALL BE USED BY ANY PERSON OR FIRM FOR ANY PURPOSE WITHOUT THE EXPRESS WRITTEN CONSENT OF GIBRALTAR DESIGN. THE OWNER MAY RETAIN COPIES FOR INFORMATION AND REFERENCE IN CONNECTION ONLY WITH THIS PROJECT.

MARK DATE ISSUED FOR

AD-1 | 05/05/22 | ADDENDUM NO. 1

AD-7 | 06/06/22 | ADDENDUM NO. 7

19600171

1102 N. Meridian St., Ste. 300

lomepage www.GibraltarDesign.com Email info@GibraltarDesign.com

idianapolis, IN 46260

OORDINATED E

CND KLS

SCHOOL -

CHESTERTON, INDIANA

- WALLS SHALL BE LOCATED 4" MINIMUM FROM ADJACENT WALL UNLESS NOTE
- REQUIRED WITHIN METAL STUD WALLS FOR WALL MOUNTED ITEMS. H. REFER TO LIFE SAFETY PLANS REGARDING FIRE RATED WALL LOCATIONS AND OTHER CODE INFORMATION. I. INTERIOR CMU WALLS ARE TO BE RUNNING BOND UNLESS NOTED OTHERWISE

G. PROVIDE WOOD BLOCKING (OR METAL STRAPPING WHERE APPLICABLE) AS

- J. ALL EXPOSED CONCRETE MASONRY UNITS (CMU) CORNERS ARE TO BE BULLNOSED, EXCEPT AT MASONRY BULKHEADS AND EXTERIOR WINDOW JAMBS K. WHERE NEW CMU WALLS INTERSECT EXISTING CMU WALLS AT A CORNER OR ARE ALIGNED WITH EXISTING CMU WALLS, TOOTH NEW CMU INTO EXISTING
- CMU UNLESS NOTED OTHERWISE. L. REFER TO DEMOLITION SHEETS FOR ADDITIONAL PATCHING AND REPAIR WORK. M. REFER TO FINISH PLANS FOR INTERIOR ELEVATIONS, LOCATION AND EXTENT OF FINISHED FLOOR AND WALL MATERIAL
- N. REFER TO EQUIPMENT PLANS FOR CASEWORK, DISPLAY BOARDS, LOCKERS AND OTHER ADDITIONAL TYPICAL EQUIPMENT NOTES AND INFORMATION.
- O. REFER TO EQUIPMENT PLANS FOR REFERENCE TO ENLARGED TOILET ROOM PLANS AND TOILET ACCESSORIES.

#### PLAN LEGEND:

INDICATES STOREFRONT, CURTAIN WALL, OR WINDOW SYSTEM. REFER TO A-600 SERIES DRAWINGS FOR ELEVATIONS AND DETAILS. INDICATES WALL TYPES REFER TO G-201 FOR WALL THICKNESS, HEIGHT, AND COMPOSITION.

#### PLAN NOTES:

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

(1) CONCRETE STOOP/VOID SLAB, REFER TO STRUCTURAL DRAWINGS. 2) PUSH PAD FOR ADA OPERATOR, REFER TO ELECTRICAL DRAWINGS. (3) CARD/FOB READER, REFER TO ELECTRICAL/TECHNOLOGY DRAWINGS.

(4) KNOX BOX. (5) CASEWORK, MILLWORK, MARKER/TACK BOARDS AND EQUIPEMENT.

REFER TO 700 SERIES DRAWINGS. (6) PLUMBING FIXTURE. SEE PLUMBING DRAWINGS.

7) FILL IN OPENING WITH SAME MATERIAL AS ADJOINING WALLS. 8) PROVIDE NEW 4" CONCRETE FLOOR SLAB.

9) MOP SINK. REFER TO PLUMBING DRAWINGS.

O) HOUSE KEEPING PAD. VERIFY SIZE AND LOCATION WITH

MECHANICAL TRADES. SEE STRUCTURAL DRAWINGS FOR DETAIL. 11) 10'-0" STAINLESS STEEL ROLL-UP DOOR. HEAD AT 8'-0" AFF. COORDINATE BOTTOM OF DOOR WITH KITCHEN EQUIPMENT.

2) WALLS AROUND PERIMETER OF VESTIBULE TO EXTEND TO DECK.

(14) GYPSUM BOARD BULKHEAD. REFER TO 900 SERIES DRAWINGS.  $\frac{(2,5,4)}{(A-501)}$ 

16) ROOF HATCH AND LADDER.  $-\!-\!$ 

17) FLOOR DRAIN, REFER TO PLUMBING DRAWING.

18) CABINET HEATER, REFER TO MECHANICAL DRAWINGS.

19) UNIT VENTILATOR, REFER TO MECHANICAL DRAWINGS. ROOF CONDUCTOR, REFER TO PLUMBING DRAWINGS.

21) LINE OF CANOPY ABOVE, REFER TO SECTIONS. 22) 6" PIPE BOLLARD, REFER TO CIVIL DRAWINGS.

23) CHAIN LINK FENCE, REFER TO CIVIL DRAWINGS.

(24) DOWNSPOUT, REFER TO ROOF PLAN.

5) LAMINATE CERAMIC TILE BACKER BOARD TO ALL WALLS. 26) FOLDING PARTITION. SEE DETAIL ———

7) PATCH WALL TO MATCH ADJOINING FINISHES WHERE WALL HAS BEEN

(28) PATCH WALL TO MATCH ADJOINING FINISHES WHERE FLOOR SLAB HAS BEEN REMOVED.

(29) NEW CONCRETE SLAB INFILL. REFER TO STRUCTURAL/PLUMBING

DRAWINGS FOR EXTENT OF SLAB REMOVAL AND DETAILS.

D) PRIVACY CURTAIN TRACK. SEE DETAIL ---1) PARTIAL HEIGHT STUD WALL. SEE DETAIL -

2) partial height brick/cmu wall. see detail ——

33) VOLLEYBALL INSERT. SEE DETAIL <sup>.</sup> (34) BLEACHERS FULLY EXTENDED.

35) MOTORIZED BLEACHERS MOUNTED TO EXISTING WALL.

36) FILL IN RECESSED FLOOR WITH ARDEX. PREP TO RECEIVE NEW FLOOR FINISH.

(37) PROVIDE TACKABLE SURFACE AND WALL FABRIC FROM FLOOR TO EXISTING LINTEL.

(38) FILL OPENING WITH 6" CMU. HOLD CMU BACK 2" ON CORRIDOR SIDE.

39) LAMINATE 5/8" GYPSUM BOARD TO EXISTING OR NEW MASONRY WALL.

(40) EXISTING WALL PADDING TO REMAIN.

41) EXISTING DRINKING FOUNTAINS TO REMAIN.

(42) FILL IN OPENING WITH 8" CMU. (43) PROVIDE "ARDEX" SUBFLOOR/FLOOR PATCHING AND PREP FLOOR FOR

NEW FINISH.

(44) SEE STRUCTURAL DRAWINGS FOR SLAB IN-FILL.

45) THREE 2 1/2" STRUCTURAL METAL STUDS INSIDE STOREFRONT FRAMING TO SUPPORT 6" BOXED HEADER ABOVE.

(46) WRAP COLUMN WITH TYPE C4 WALL TYPES. SEE CLASSROOM G-101 FOR TYPICAL DIMENSIONS.

7) WRAP COLUMN WITH 4" CMU AND RECLAIMED EXISTING FACE BRICK. 48) BRONZE PLAQUE. REFER TO SPECIFICATIONS.

9) PROVIDE NEW CONCRETE SLAB OVER EXISTING CONCRETE PLANKS.

0) SAFETY CUSHION WAINSCOTING.  $\,\,\,\,\,\,\,\,\,\,\,\,\,\,\,\,\,$ 51) FILL IN OPENING WITH CMU. FINISH FLUSH WITH ADJACENT SURFACES.`

(52) ELECTROSTATIC PAINT EXISTING LOCKERS

(54) PROVIDE NEW CONCRETE SLAB OVER EXISTING RECESSED

CONCRETE SLAB. (55) INFILL OPENING. SEE SECTION 5 ON A-418.

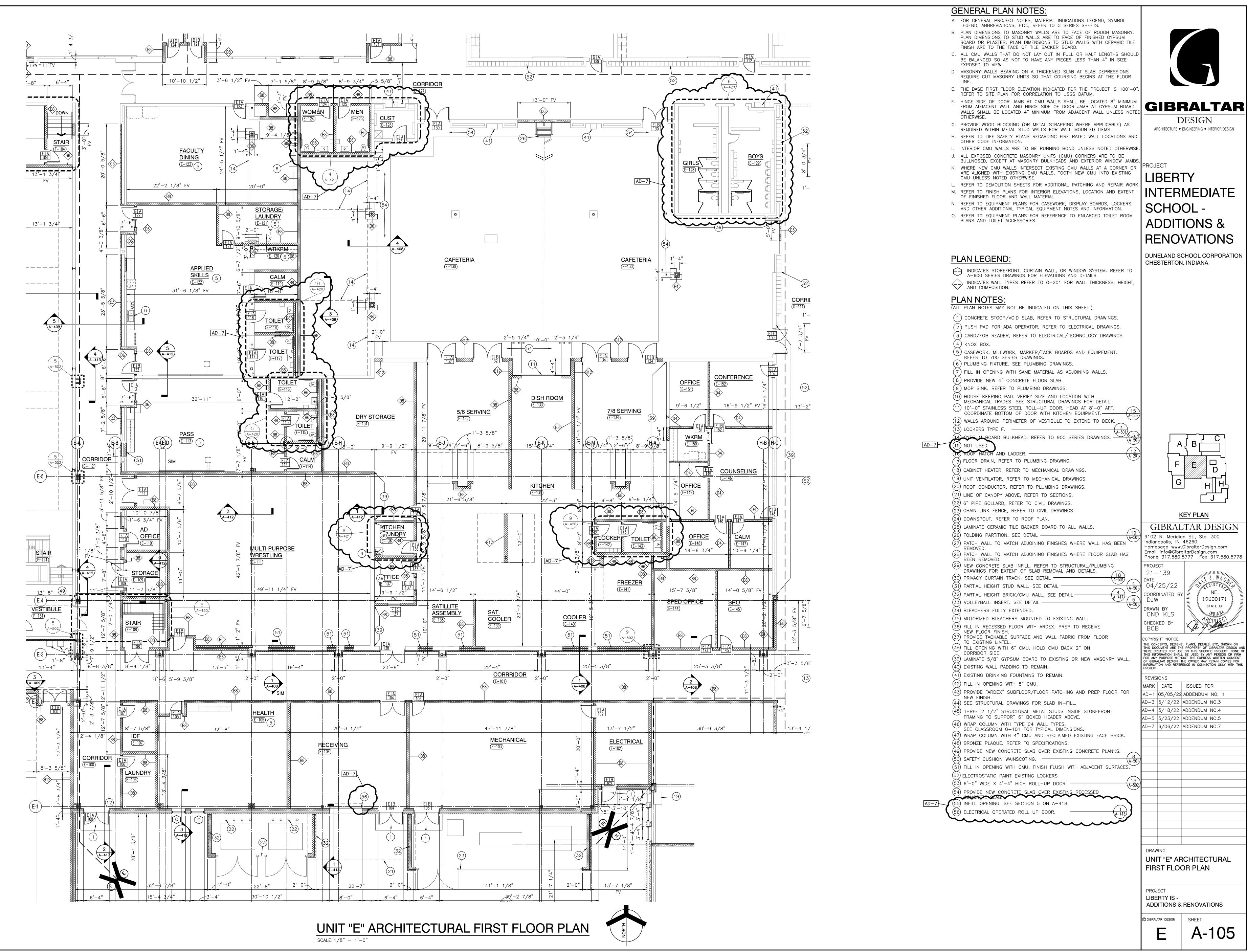
DRAWING

UNIT "D" ARCHITECTURAL FIRST FLOOR PLAN

LIBERTY IS -**ADDITIONS & RENOVATIONS** 

A-104

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

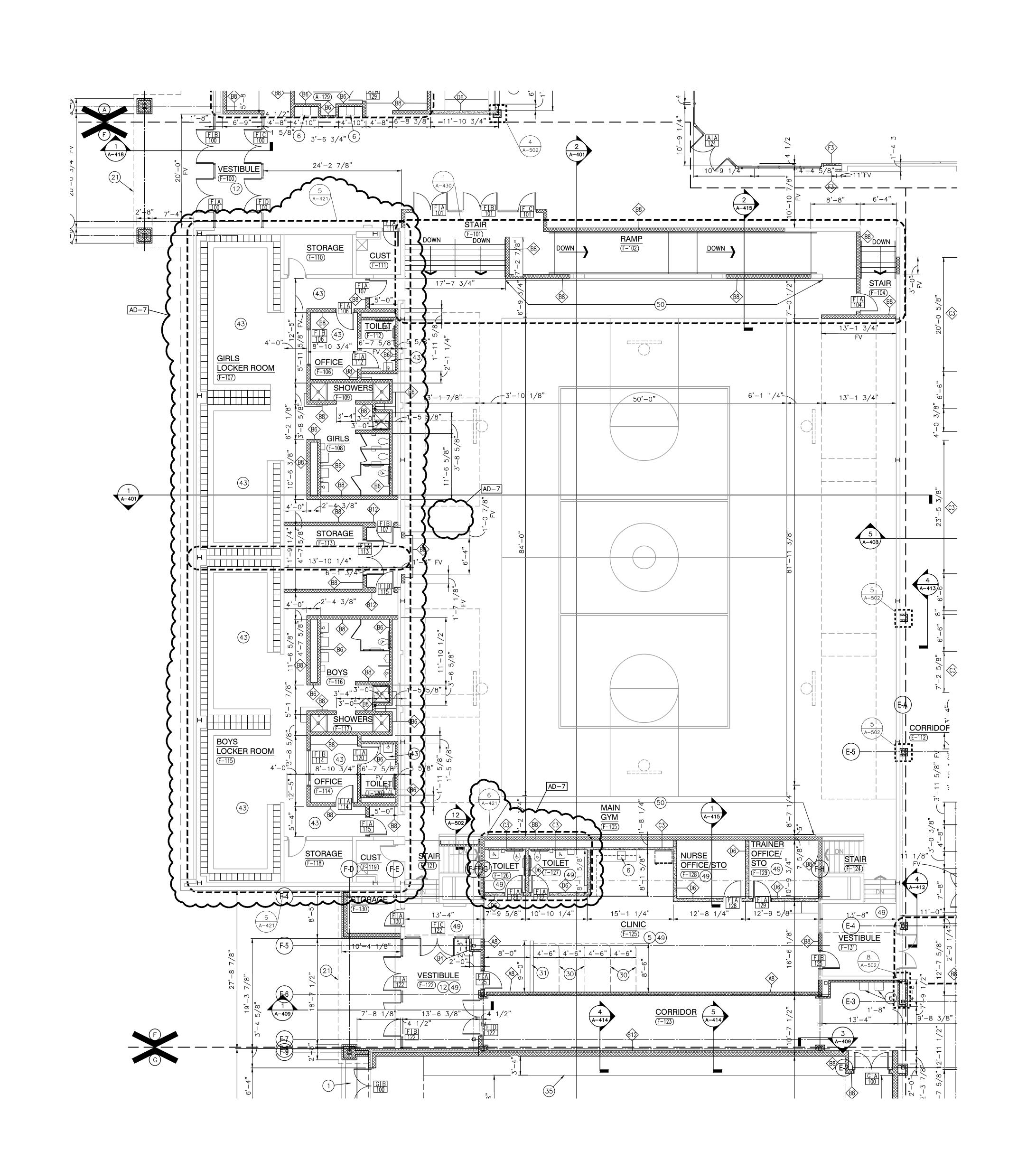


Monday, 6/6/2022 — 10:37 A Y:\21—139 DUNELAND SC — L ADDITIONS AND RENOVATIONS\2 ARCH\A—105.DWG

A-105

19600171

STATE OF



GENERAL PLAN NOTES:

- A. FOR GENERAL PROJECT NOTES, MATERIAL INDICATIONS LEGEND, SYMBOL LEGEND, ABBREVIATIONS, ETC., REFER TO G SERIES SHEETS.
- B. PLAN DIMENSIONS TO MASONRY WALLS ARE TO FACE OF ROUGH MASONRY.
  PLAN DIMENSIONS TO STUD WALLS ARE TO FACE OF FINISHED GYPSUM
  BOARD OR PLASTER. PLAN DIMENSIONS TO STUD WALLS WITH CERAMIC TILE
- FINISH ARE TO THE FACE OF TILE BACKER BOARD.

  C. ALL CMU WALLS THAT DO NOT LAY OUT IN FULL OR HALF LENGTHS SHOULD BE BALANCED SO AS NOT TO HAVE ANY PIECES LESS THAN 4" IN SIZE
- EXPOSED TO VIEW.

  D. MASONRY WALLS BEARING ON A THICKENED SLAB AT SLAB DEPRESSIONS
  REQUIRE CUT MASONRY UNITS SO THAT COURSING BEGINS AT THE FLOOR
- REQUIRE CUT MASONRY UNITS SO THAT COURSING BEGINS AT THE FLOOR LINE.

  E. THE BASE FIRST FLOOR ELEVATION INDICATED FOR THE PROJECT IS 100'-0"
- REFER TO SITE PLAN FOR CORRELATION TO USGS DATUM.

  F. HINGE SIDE OF DOOR JAMB AT CMU WALLS SHALL BE LOCATED 8" MINIMUM FROM ADJACENT WALL AND HINGE SIDE OF DOOR JAMB AT GYPSUM BOARD
- FROM ADJACENT WALL AND HINGE SIDE OF DOOR JAMB AT GYPSUM BOARD WALLS SHALL BE LOCATED 4" MINIMUM FROM ADJACENT WALL UNLESS NOTE OTHERWISE.
- G. PROVIDE WOOD BLOCKING (OR METAL STRAPPING WHERE APPLICABLE) AS REQUIRED WITHIN METAL STUD WALLS FOR WALL MOUNTED ITEMS.
  H. REFER TO LIFE SAFETY PLANS REGARDING FIRE RATED WALL LOCATIONS AND OTHER CODE INFORMATION.
- J. ALL EXPOSED CONCRETE MASONRY UNITS (CMU) CORNERS ARE TO BE BULLNOSED, EXCEPT AT MASONRY BULKHEADS AND EXTERIOR WINDOW JAMBS.
   K. WHERE NEW CMU WALLS INTERSECT EXISTING CMU WALLS AT A CORNER OR ARE ALIGNED WITH EXISTING CMU WALLS, TOOTH NEW CMU INTO EXISTING

I. INTERIOR CMU WALLS ARE TO BE RUNNING BOND UNLESS NOTED OTHERWISE

- CMU UNLESS NOTED OTHERWISE.

  L. REFER TO DEMOLITION SHEETS FOR ADDITIONAL PATCHING AND REPAIR WORK.

  M. REFER TO FINISH PLANS FOR INTERIOR ELEVATIONS, LOCATION AND EXTENT
- OF FINISHED FLOOR AND WALL MATERIAL

  N. REFER TO EQUIPMENT PLANS FOR CASEWORK, DISPLAY BOARDS, LOCKERS, AND OTHER ADDITIONAL TYPICAL EQUIPMENT NOTES AND INFORMATION.
- O. REFER TO EQUIPMENT PLANS FOR REFERENCE TO ENLARGED TOILET ROOM PLANS AND TOILET ACCESSORIES.

#### PLAN LEGEND:

INDICATES STOREFRONT, CURTAIN WALL, OR WINDOW SYSTEM. REFER TO A-600 SERIES DRAWINGS FOR ELEVATIONS AND DETAILS.

INDICATES WALL TYPES REFER TO G-201 FOR WALL THICKNESS, HEIGHT, AND COMPOSITION.

#### PLAN NOTES:

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

CONCRETE STOOP/VOID SLAB, REFER TO STRUCTURAL DRAWINGS.
 PUSH PAD FOR ADA OPERATOR, REFER TO ELECTRICAL DRAWINGS.
 CARD/FOB READER, REFER TO ELECTRICAL/TECHNOLOGY DRAWINGS.

(4) KNOX BOX.

(5) CASEWORK, MILLWORK, MARKER/TACK BOARDS AND EQUIPEMENT. REFER TO 700 SERIES DRAWINGS.

6 PLUMBING FIXTURE. SEE PLUMBING DRAWINGS.

7 FILL IN OPENING WITH SAME MATERIAL AS ADJOINING WALLS.

8 PROVIDE NEW 4" CONCRETE FLOOR SLAB.

(9) MOP SINK. REFER TO PLUMBING DRAWINGS.

(10) HOUSE KEEPING PAD. VERIFY SIZE AND LOCATION WITH

MECHANICAL TRADES. SEE STRUCTURAL DRAWINGS FOR DETAIL.

11) 10'-0" STAINLESS STEEL ROLL-UP DOOR. HEAD AT 8'-0" AFF.
COORDINATE BOTTOM OF DOOR WITH KITCHEN EQUIPMENT.

(12) WALLS AROUND PERIMETER OF VESTIBULE TO EXTEND TO DECK.

(13) LOCKERS TYPE F. (14) CYPSUM BOARD BUILDINGS PERIOD TO DECK.

14 GYPSUM BOARD BULKHEAD. REFER TO 900 SERIES DRAWINGS. (A-501) (A-501) (A-501) (A-501) (A-501)

17) FLOOR DRAIN, REFER TO PLUMBING DRAWING. 18) CABINET HEATER, REFER TO MECHANICAL DRAWINGS. 19) UNIT VENTILATOR, REFER TO MECHANICAL DRAWINGS.

20) ROOF CONDUCTOR, REFER TO PLUMBING DRAWINGS.
21) LINE OF CANOPY ABOVE, REFER TO SECTIONS.
22) 6" PIPE BOLLARD, REFER TO CIVIL DRAWINGS.

23) CHAIN LINK FENCE, REFER TO CIVIL DRAWINGS. 24) DOWNSPOUT, REFER TO ROOF PLAN. 25) LAMINATE CERAMIC TILE BACKER BOARD TO ALL WALLS.

28) PATCH WALL TO MATCH ADJOINING FINISHES WHERE FLOOR SLAB HAS BEEN REMOVED.

(29) NEW CONCRETE SLAB INFILL REFER TO STRUCTURAL /PLUMBING

29 NEW CONCRETE SLAB INFILL. REFER TO STRUCTURAL/PLUMBING DRAWINGS FOR EXTENT OF SLAB REMOVAL AND DETAILS.

PRIVACY CURTAIN TRACK. SEE DETAIL

1) PARTIAL HEIGHT STUD WALL. SEE DETAIL

35) MOTORIZED BLEACHERS MOUNTED TO EXISTING WALL.

36) FILL IN RECESSED FLOOR WITH ARDEX. PREP TO RECEIVE NEW FLOOR FINISH.

37) PROVIDE TACKABLE SURFACE AND WALL FABRIC FROM FLOOR TO EXISTING LINTEL.
 38) FILL OPENING WITH 6" CMU. HOLD CMU BACK 2" ON CORRIDOR SIDE.

39 LAMINATE 5/8" GYPSUM BOARD TO EXISTING OR NEW MASONRY WALL.

40 EXISTING WALL PADDING TO REMAIN.

41) EXISTING DRINKING FOUNTAINS TO REMAIN.

(42) FILL IN OPENING WITH 8" CMU.
(43) PROVIDE "ARDEX" SUBFLOOR/FLOOR PATCHING AND PREP FLOOR FOR

NEW FINISH.

(44) SEE STRUCTURAL DRAWINGS FOR SLAB IN-FILL.

(45) THREE 2 1/2" STRUCTURAL METAL STUDS INSIDE STOREFRONT

FRAMING TO SUPPORT 6" BOXED HEADER ABOVE.

(46) WRAP COLUMN WITH TYPE C4 WALL TYPES.
SEE CLASSROOM G-101 FOR TYPICAL DIMENSIONS.

(47) WRAP COLUMN WITH 4" CMU AND RECLAIMED EXISTING FACE BRICK.

(48) BRONZE PLAQUE. REFER TO SPECIFICATIONS.
(49) PROVIDE NEW CONCRETE SLAB OVER EXISTING CONCRETE PLANKS.
(50) SAFETY CUSHION WAINSCOTING.

50) SALETT COSTION WAINSCOTING.

51) FILL IN OPENING WITH CMU. FINISH FLUSH WITH ADJACENT SURFACES.

52) ELECTROSTATIC PAINT EXISTING LOCKERS

53) 6'-0" WIDE X 4'-4" HIGH ROLL-UP DOOR.

54) PROVIDE NEW CONCRETE SLAB OVER EXISTING RECESSED

AD-7 (55) INFILL OPENING. SEE SECTION 5 ON A-418.

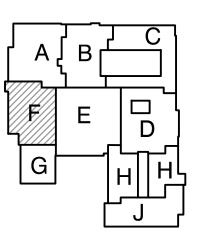


GIBRALTAR DESIGN

ARCHITECTURE • ENGINEERING • INTERIOR DESIGN

LIBERTY
INTERMEDIATE
SCHOOL ADDITIONS &
RENOVATIONS

DUNELAND SCHOOL CORPORATION CHESTERTON, INDIANA



KEY PLAN

GIBRALTAR 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

21-139
DATE
04/25/22
COORDINATED BY
DJW
DRAWN BY
CND KLS

CHECKED BY
BCB

COPYRIGHT NOTICE:

THE CONCEPTS, DESIGNS, PLANS, DETAILS, ETC, SHOWN ON THIS DOCUMENT ARE THE PROPERTY OF GIBRALTAR DESIGN AND WERE CREATED FOR USE ON THIS SPECIFIC PROJECT. NONE OF THIS INFORMATION SHALL BE USED BY ANY PERSON OR FIRM

THIS INFORMATION SHALL BE USED BY ANY PERSON OR FIRM FOR ANY PURPOSE WITHOUT THE EXPRESS WRITTEN CONSENT OF GIBRALTAR DESIGN. THE OWNER MAY RETAIN COPIES FOR INFORMATION AND REFERENCE IN CONNECTION ONLY WITH THIS PROJECT.

REVISIONS

MARK DATE ISSUED FOR

AD—3 5/12/22 ADDENDUM NO.3

MARK DATE ISSUED FOR
AD-3 5/12/22 ADDENDUM NO.3
AD-7 6/06/22 ADDENDUM NO.7

502

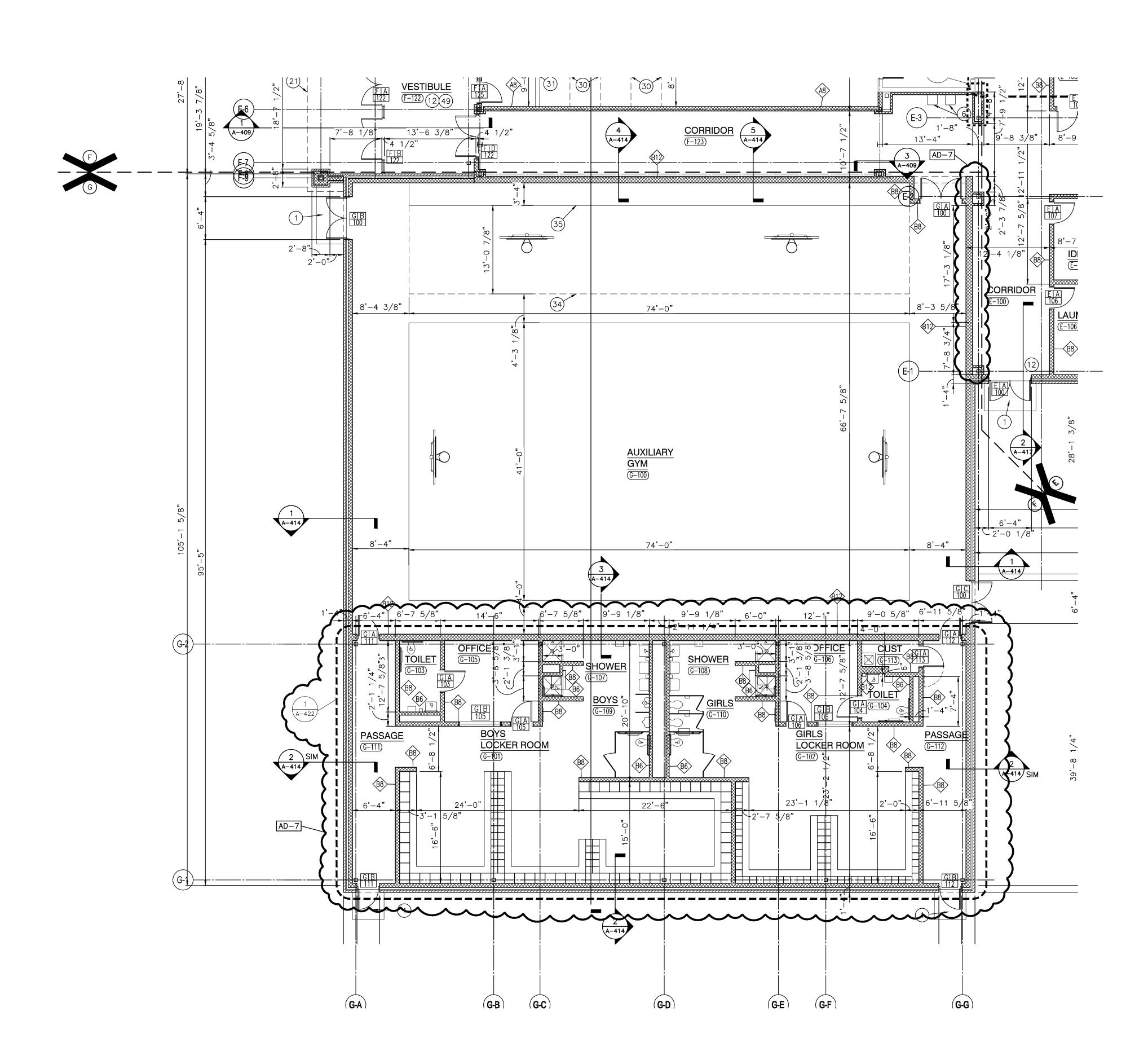
DRAWING

UNIT "F" ARCHITECTURAL FIRST FLOOR PLAN

PROJECT
LIBERTY IS ADDITIONS & RENOVATIONS

A-106

Monday, 6/6/2022 — 10:35 AM — LAST SAVED BY Y:\21—139 DUNELAND SC — LIBERTY INTERMEDIATE ADDITIONS AND RENOVATIONS\21—139 DRAWINGS\05 ARCH\A—106.DWG





- A. FOR GENERAL PROJECT NOTES, MATERIAL INDICATIONS LEGEND, SYMBOL LEGEND, ABBREVIATIONS, ETC., REFER TO G SERIES SHEETS.
- B. PLAN DIMENSIONS TO MASONRY WALLS ARE TO FACE OF ROUGH MASONRY. PLAN DIMENSIONS TO STUD WALLS ARE TO FACE OF FINISHED GYPSUM BOARD OR PLASTER. PLAN DIMENSIONS TO STUD WALLS WITH CERAMIC TILE FINISH ARE TO THE FACE OF TILE BACKER BOARD.
- C. ALL CMU WALLS THAT DO NOT LAY OUT IN FULL OR HALF LENGTHS SHOULD BE BALANCED SO AS NOT TO HAVE ANY PIECES LESS THAN 4" IN SIZE EXPOSED TO VIEW.
- D. MASONRY WALLS BEARING ON A THICKENED SLAB AT SLAB DEPRESSIONS REQUIRE CUT MASONRY UNITS SO THAT COURSING BEGINS AT THE FLOOR
- E. THE BASE FIRST FLOOR ELEVATION INDICATED FOR THE PROJECT IS 100'-0" REFER TO SITE PLAN FOR CORRELATION TO USGS DATUM.
- F. HINGE SIDE OF DOOR JAMB AT CMU WALLS SHALL BE LOCATED 8" MINIMUM FROM ADJACENT WALL AND HINGE SIDE OF DOOR JAMB AT GYPSUM BOARD WALLS SHALL BE LOCATED 4" MINIMUM FROM ADJACENT WALL UNLESS NOTE
- G. PROVIDE WOOD BLOCKING (OR METAL STRAPPING WHERE APPLICABLE) AS REQUIRED WITHIN METAL STUD WALLS FOR WALL MOUNTED ITEMS. H. REFER TO LIFE SAFETY PLANS REGARDING FIRE RATED WALL LOCATIONS AND OTHER CODE INFORMATION.
- I. INTERIOR CMU WALLS ARE TO BE RUNNING BOND UNLESS NOTED OTHERWISE J. ALL EXPOSED CONCRETE MASONRY UNITS (CMU) CORNERS ARE TO BE BULLNOSED, EXCEPT AT MASONRY BULKHEADS AND EXTERIOR WINDOW JAMBS
- K. WHERE NEW CMU WALLS INTERSECT EXISTING CMU WALLS AT A CORNER OR ARE ALIGNED WITH EXISTING CMU WALLS, TOOTH NEW CMU INTO EXISTING CMU UNLESS NOTED OTHERWISE. L. REFER TO DEMOLITION SHEETS FOR ADDITIONAL PATCHING AND REPAIR WORK.
- M. REFER TO FINISH PLANS FOR INTERIOR ELEVATIONS, LOCATION AND EXTENT OF FINISHED FLOOR AND WALL MATERIAL N. REFER TO EQUIPMENT PLANS FOR CASEWORK, DISPLAY BOARDS, LOCKERS
- AND OTHER ADDITIONAL TYPICAL EQUIPMENT NOTES AND INFORMATION. O. REFER TO EQUIPMENT PLANS FOR REFERENCE TO ENLARGED TOILET ROOM PLANS AND TOILET ACCESSORIES.

#### PLAN LEGEND:

INDICATES STOREFRONT, CURTAIN WALL, OR WINDOW SYSTEM. REFER TO A-600 SERIES DRAWINGS FOR ELEVATIONS AND DETAILS. INDICATES WALL TYPES REFER TO G-201 FOR WALL THICKNESS, HEIGHT, AND COMPOSITION.

#### PLAN NOTES:

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

(1) CONCRETE STOOP/VOID SLAB, REFER TO STRUCTURAL DRAWINGS. (2) PUSH PAD FOR ADA OPERATOR, REFER TO ELECTRICAL DRAWINGS. (3) CARD/FOB READER, REFER TO ELECTRICAL/TECHNOLOGY DRAWINGS.

(4) KNOX BOX. (5) CASEWORK, MILLWORK, MARKER/TACK BOARDS AND EQUIPEMENT. REFER TO 700 SERIES DRAWINGS.

(6) PLUMBING FIXTURE. SEE PLUMBING DRAWINGS.

7) FILL IN OPENING WITH SAME MATERIAL AS ADJOINING WALLS. (8) PROVIDE NEW 4" CONCRETE FLOOR SLAB.

(9) MOP SINK. REFER TO PLUMBING DRAWINGS. 10) HOUSE KEEPING PAD. VERIFY SIZE AND LOCATION WITH

MECHANICAL TRADES. SEE STRUCTURAL DRAWINGS FOR DETAIL. (11) 10'-0" STAINLESS STEEL ROLL-UP DOOR. HEAD AT 8'-0" AFF. COORDINATE BOTTOM OF DOOR WITH KITCHEN EQUIPMENT.

12) WALLS AROUND PERIMETER OF VESTIBULE TO EXTEND TO DECK. 13) LOCKERS TYPE F. ———— (14) GYPSUM BOARD BULKHEAD. REFER TO 900 SERIES DRAWINGS. (2,3,4)

15) NOT USED

(16) ROOF HATCH AND LADDER.  $-\!-\!$ 

(17) FLOOR DRAIN, REFER TO PLUMBING DRAWING. 18) CABINET HEATER, REFER TO MECHANICAL DRAWINGS.

19) UNIT VENTILATOR, REFER TO MECHANICAL DRAWINGS. 20) ROOF CONDUCTOR, REFER TO PLUMBING DRAWINGS. (21) LINE OF CANOPY ABOVE, REFER TO SECTIONS.

22) 6" PIPE BOLLARD, REFER TO CIVIL DRAWINGS. (23) CHAIN LINK FENCE, REFER TO CIVIL DRAWINGS. (24) DOWNSPOUT, REFER TO ROOF PLAN.

25) LAMINATE CERAMIC TILE BACKER BOARD TO ALL WALLS. 26) FOLDING PARTITION. SEE DETAIL ———

27) PATCH WALL TO MATCH ADJOINING FINISHES WHERE WALL HAS BEEN (28) PATCH WALL TO MATCH ADJOINING FINISHES WHERE FLOOR SLAB HAS

BEEN REMOVED. (29) NEW CONCRETE SLAB INFILL. REFER TO STRUCTURAL/PLUMBING DRAWINGS FOR EXTENT OF SLAB REMOVAL AND DETÁILS.

30) PRIVACY CURTAIN TRACK. SEE DETAIL —— 31) PARTIAL HEIGHT STUD WALL. SEE DETAIL

32) partial height brick/cmu wall. see detail —— (33) VOLLEYBALL INSERT. SEE DETAIL -

(34) BLEACHERS FULLY EXTENDED. (35) MOTORIZED BLEACHERS MOUNTED TO EXISTING WALL. (36) FILL IN RECESSED FLOOR WITH ARDEX. PREP TO RECEIVE

NEW FLOOR FINISH. (37) PROVIDE TACKABLE SURFACE AND WALL FABRIC FROM FLOOR TO EXISTING LINTEL.

(38) FILL OPENING WITH 6" CMU. HOLD CMU BACK 2" ON CORRIDOR SIDE.

(39) LAMINATE 5/8" GYPSUM BOARD TO EXISTING OR NEW MASONRY WALL. (40) EXISTING WALL PADDING TO REMAIN. (41) EXISTING DRINKING FOUNTAINS TO REMAIN.

(42) FILL IN OPENING WITH 8" CMU. (43) PROVIDE "ARDEX" SUBFLOOR/FLOOR PATCHING AND PREP FLOOR FOR NEW FINISH. (44) SEE STRUCTURAL DRAWINGS FOR SLAB IN-FILL.

(45) THREE 2 1/2" STRUCTURAL METAL STUDS INSIDE STOREFRONT FRAMING TO SUPPORT 6" BOXED HEADER ABOVE. (46) WRAP COLUMN WITH TYPE C4 WALL TYPES. SEE CLASSROOM G-101 FOR TYPICAL DIMENSIONS.

(47) WRAP COLUMN WITH 4" CMU AND RECLAIMED EXISTING FACE BRICK. (48) BRONZE PLAQUE. REFER TO SPECIFICATIONS. 49) PROVIDE NEW CONCRETE SLAB OVER EXISTING CONCRETE PLANKS.

50) SAFETY CUSHION WAINSCOTING. ---(51) FILL IN OPENING WITH CMU. FINISH FLUSH WITH ADJACENT SURFACES. 52) ELECTROSTATIC PAINT EXISTING LOCKERS

(53) 6'–0" WIDE X 4'–4" HIGH ROLL–UP DOOR.  $\overline{\phantom{a}}$ (54) PROVIDE NEW CONCRETE SLAB OVER EXISTING RECESSED CONCRETE SLAB.

(55) INFILL OPENING. SEE SECTION 5 ON A-418.

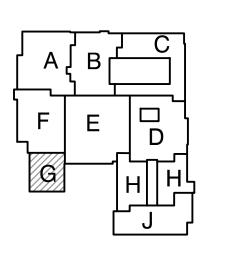


**PROJECT** 

ARCHITECTURE • ENGINEERING • INTERIOR DESIGN

INTERMEDIATE SCHOOL -**ADDITIONS & RENOVATIONS** 

DUNELAND SCHOOL CORPORATION CHESTERTON, INDIANA



KEY PLAN

GIBRALTAR DESIGN 9102 N. Meridian St., Ste. 300 ndianapolis, IN 46260

lomepage www.GibraltarDesign.com Email info@GibraltarDesign.com Phone 317.580.5777 Fax 317.580.5778

04/25/22 OORDINATED B' 19600171 CND KLS CHECKED BY

THE CONCEPTS, DESIGNS, PLANS, DETAILS, ETC, SHOWN ON THIS DOCUMENT ARE THE PROPERTY OF GIBRALTAR DESIGN AND WERE CREATED FOR USE ON THIS SPECIFIC PROJECT. NONE OF THIS INFORMATION SHALL BE USED BY ANY PERSON OR FIRM FOR ANY PURPOSE WITHOUT THE EXPRESS WRITTEN CONSENT OF GIBRALTAR DESIGN. THE OWNER MAY RETAIN COPIES FOR

INFORMATION AND REFERENCE IN CONNECTION ONLY WITH THIS PROJECT. MARK DATE ISSUED FOR

	AD-3	5/12/22	ADDENDUM	NO.3
	AD-7	6/06/22	ADDENDUM	NO.7
3 501)				

DDAWING			

UNIT "G" ARCHITECTURAL FIRST FLOOR PLAN

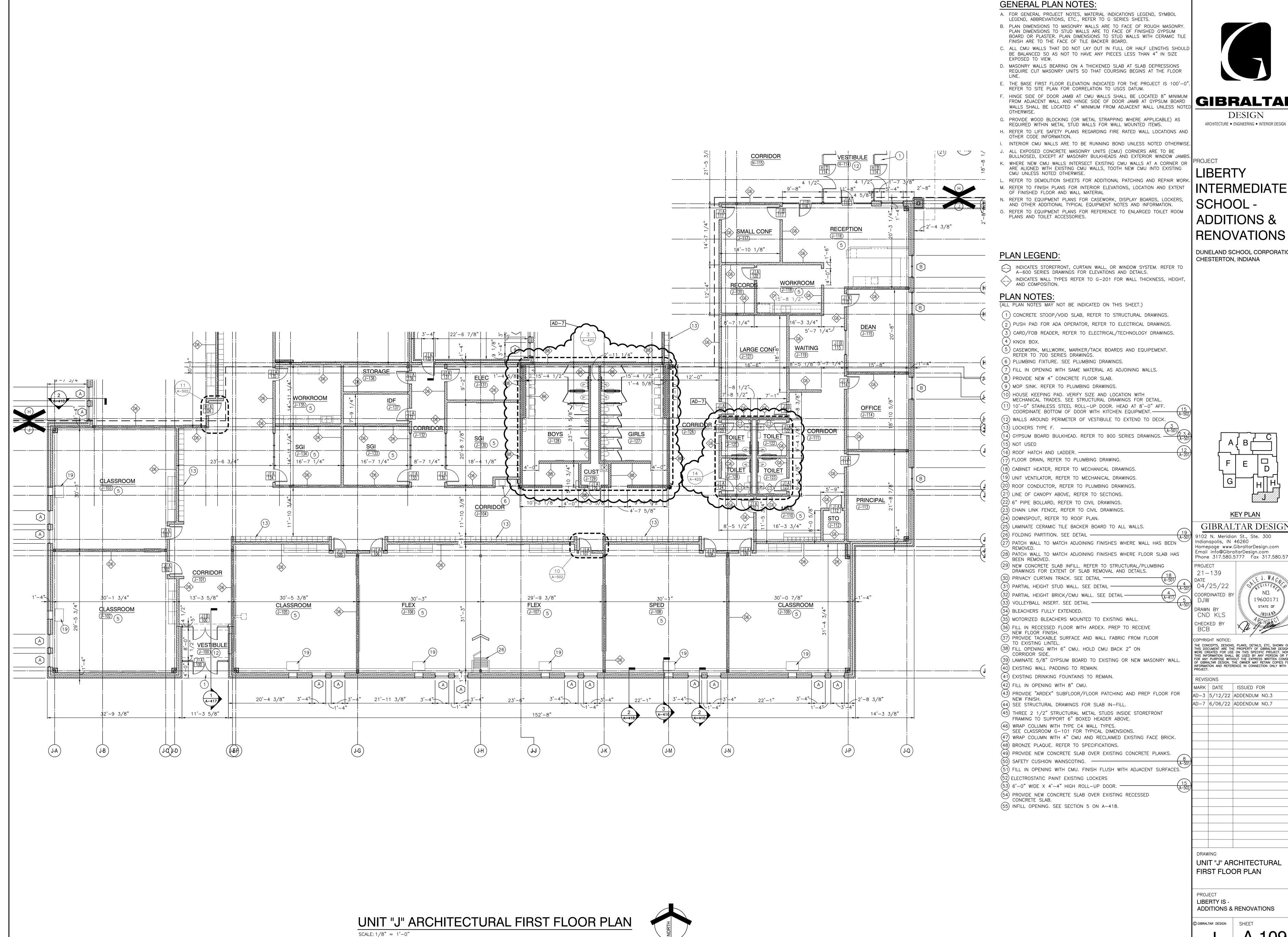
LIBERTY IS -ADDITIONS & RENOVATIONS

> A-107 G

UNIT "G" ARCHITECTURAL FIRST FLOOR PLAN

Friday, 6/3/2022 — 2:28 PM — LAST SAVED BY:CDAVIS Y:\21—139 DUNELAND SC — LIBERTY INTERMEDIATE SCH ADDITIONS AND RENOVATIONS\21—139 DRAWINGS\05 ARCH\A—107.DWG

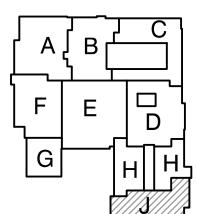




**GIBRALTAR** 

## INTERMEDIATE SCHOOL -**ADDITIONS & RENOVATIONS**

DUNELAND SCHOOL CORPORATION CHESTERTON, INDIANA



KEY PLAN

GIBRALTAR DESIGN 9102 N. Meridian St., Ste. 300

lomepage www.GibraltarDesign.com Email info@GibraltarDesign.com 

19600171 STATE OF

THE CONCEPTS, DESIGNS, PLANS, DETAILS, ETC, SHOWN ON THIS DOCUMENT ARE THE PROPERTY OF GIBRALTAR DESIGN AND WERE CREATED FOR USE ON THIS SPECIFIC PROJECT. NONE OF THIS INFORMATION SHALL BE USED BY ANY PERSON OR FIRM FOR ANY PURPOSE WITHOUT THE EXPRESS WRITTEN CONSENT OF GIBRALTAR DESIGN. THE OWNER MAY RETAIN COPIES FOR

INFORMATION AND REFERENCE IN CONNECTION ONLY WITH THIS PROJECT. MARK DATE ISSUED FOR D-3 | 5/12/22 | ADDENDUM NO.3 |

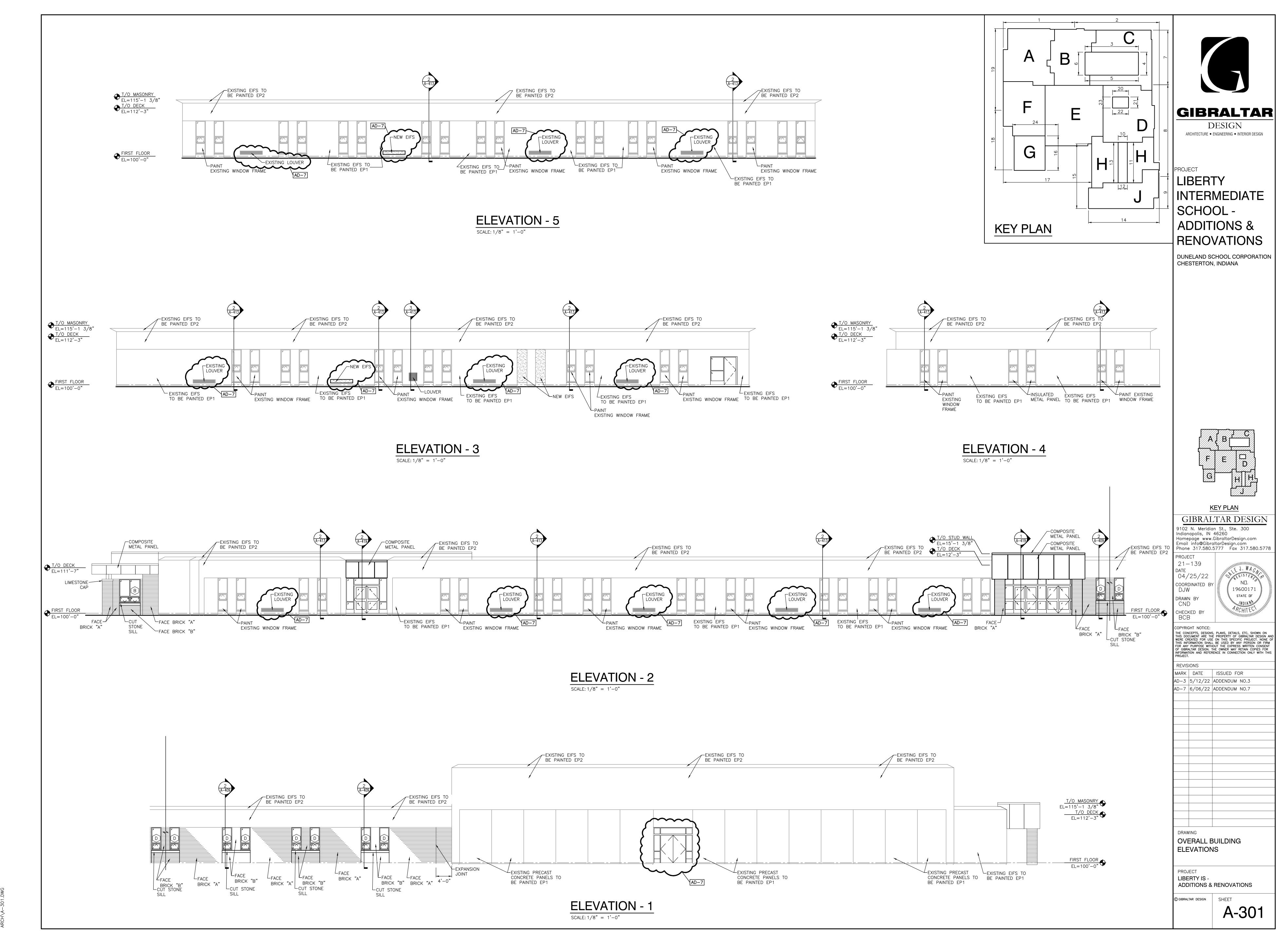
AD-7 | 6/06/22 | ADDENDUM NO.7

UNIT "J" ARCHITECTURAL FIRST FLOOR PLAN

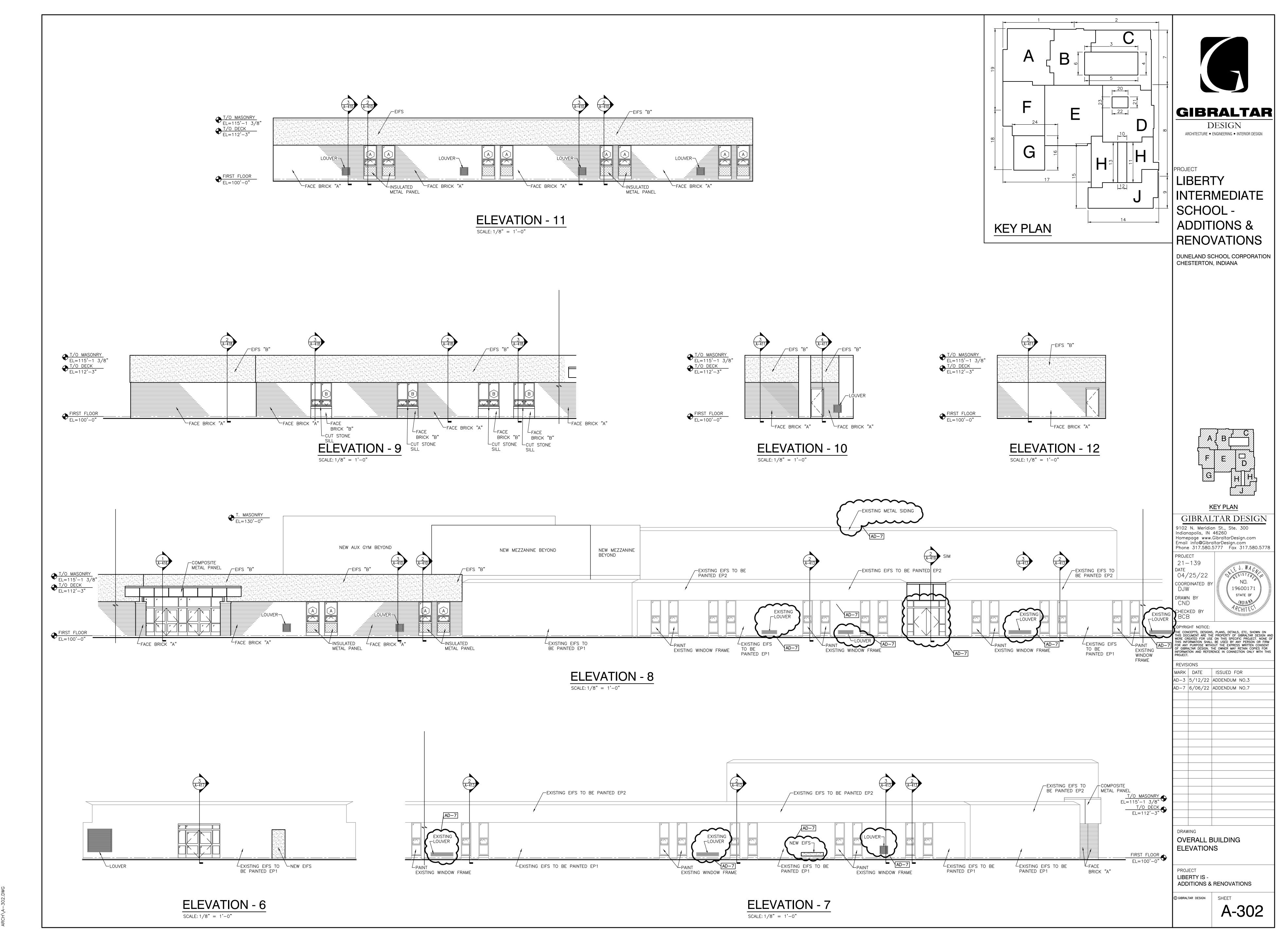
ADDITIONS & RENOVATIONS

A-109

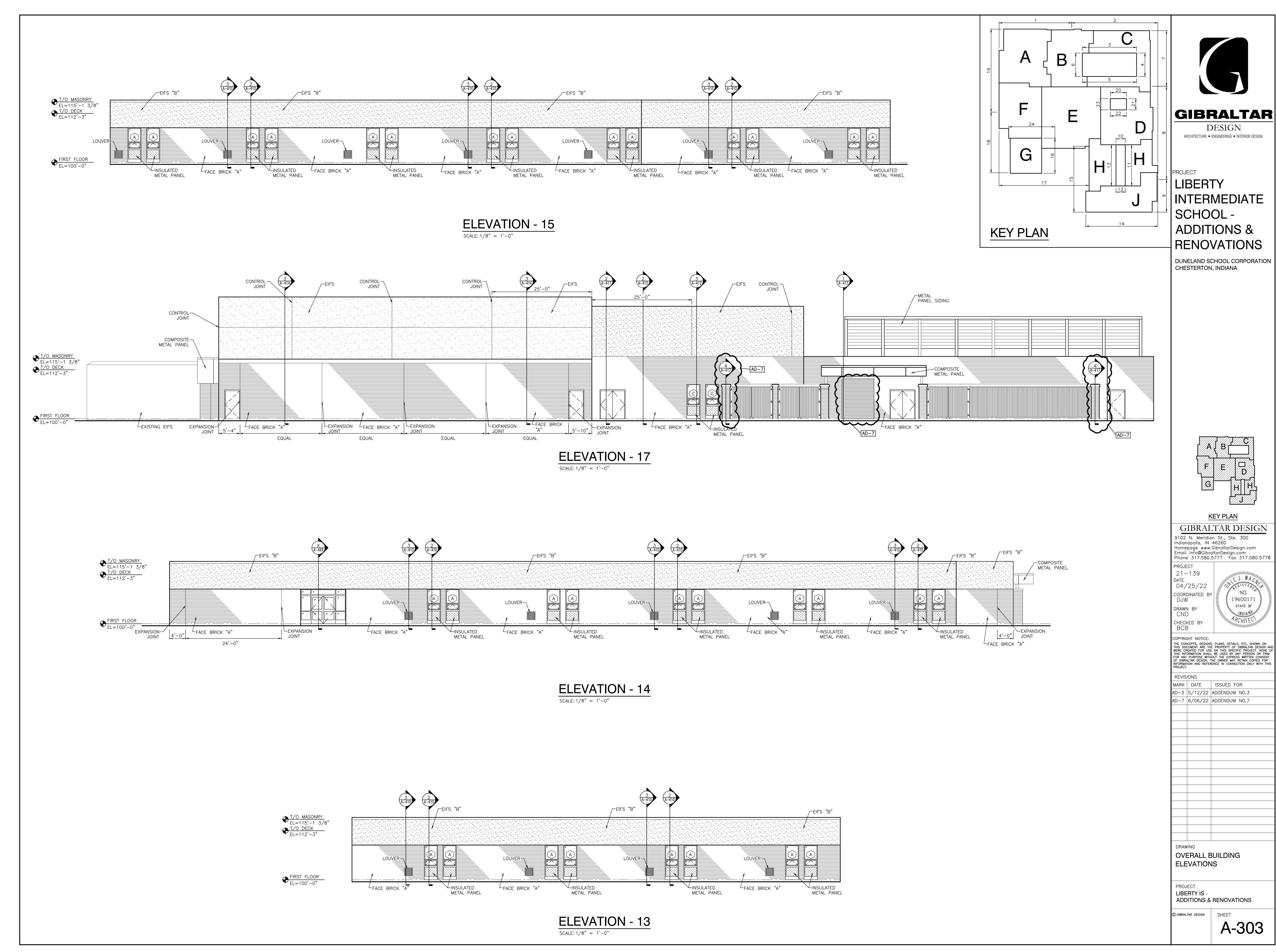
Friday, 6/3/2022 — 1:27 PM — LAST SAVED BY:CD. Y:\21—139 DUNELAND SC — LIBERTY INTERMEDIATE ADDITIONS AND RENOVATIONS\21—139 DRAWINGS\05ARCH\A—109.DWG



Friday, 6/3/2022 — 12:18 PM — LAST SAVED BY:CDAVIS Y:\21—139 DUNELAND SC — LIBERTY INTERMEDIATE SCHOOL ADDITIONS AND RENOVATIONS\21—139 DRAWINGS\05 ARCH\A—301.DWG



Friday, 6/3/2022 — 12:17 PM — LAST SAVED BY:CDAVIS Y:\21—139 DUNELAND SC — LIBERTY INTERMEDIATE SCHOON ADDITIONS AND RENOVATIONS\21—139 DRAWINGS\05 ARCH\A—302.DWG

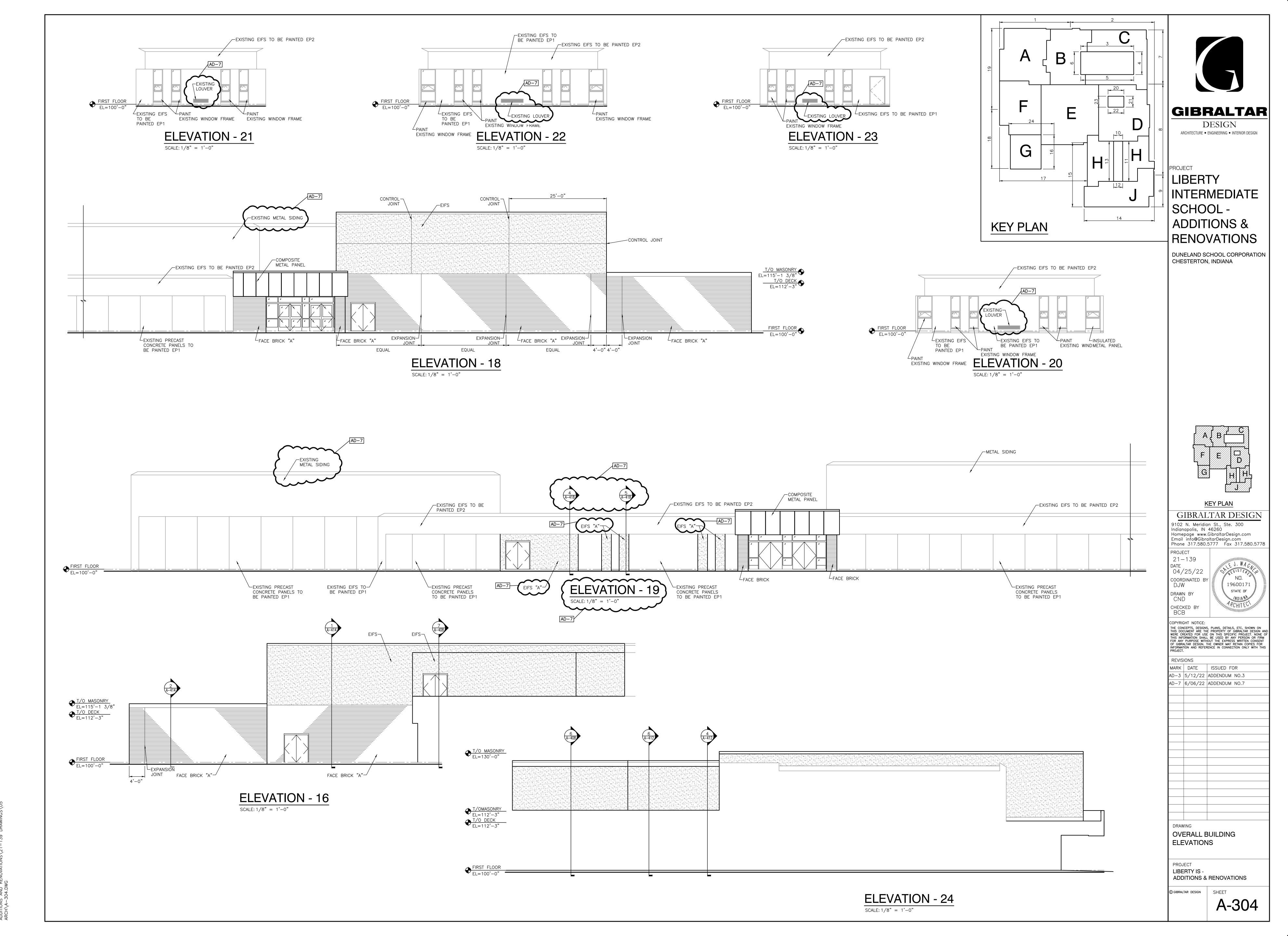


Monday, 6/6/2022 — 8:33 AM — LAST SAVED BY:CDAVIS Y:\21—139 DUNELAND SC — LIBERTY INTERMEDIATE SCHOI ADDITIONS AND RENOVATIONS\21—139 DRAWINGS\05 ARCH\A—303.DWG

A-303

19600171 STATE OF

WDIA NA

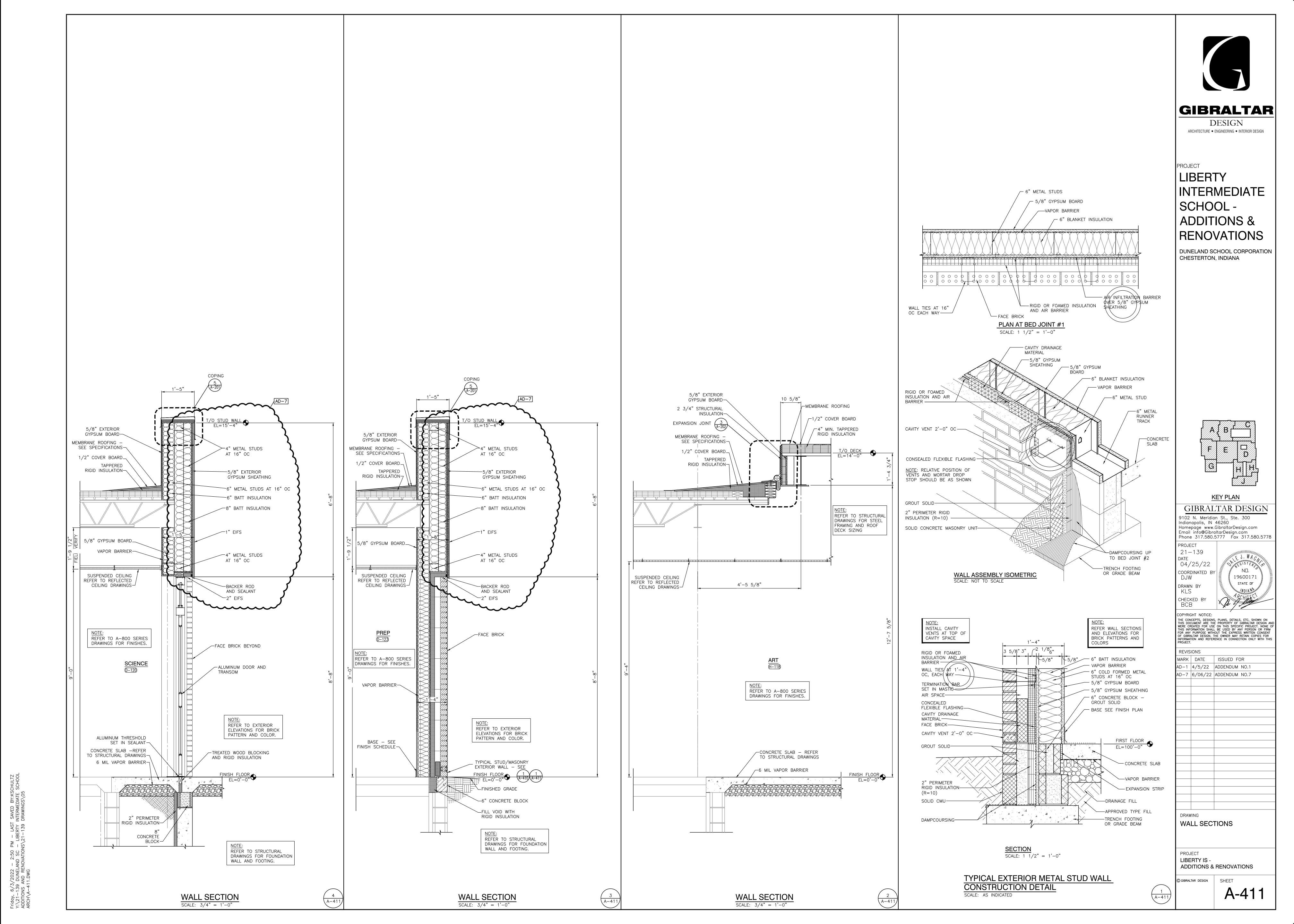


Friday, 6/3/2022 — 12:16 PM — LAST SAVED BY:CDAVIS Y:\21—139 DUNELAND SC — LIBERTY INTERMEDIATE SCHOOL

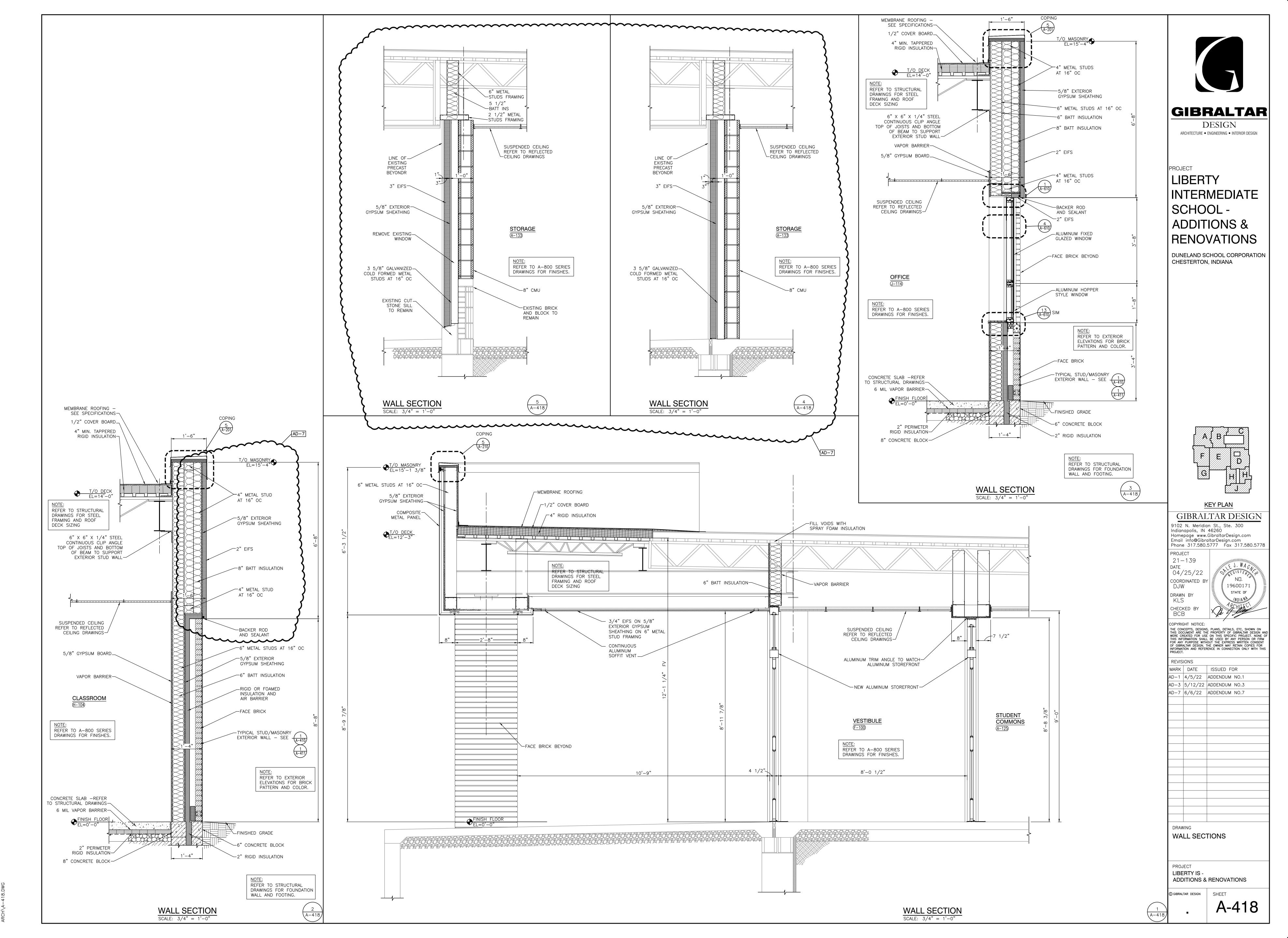
Wednesday, 6/1/2022 — 11:48 AM — LAST SAVED BY:KSCH Y:\21—139 DUNELAND SC — LIBERTY INTERMEDIATE SCHOOL ADDITIONS AND RENOVATIONS\21—139 DRAWINGS\05 ARCH\A—401.DWG

O AM — LAST SAVED BY:KSC C — LIBERTY INTERMEDIATE ONS\21-139 DRAWINGS\05

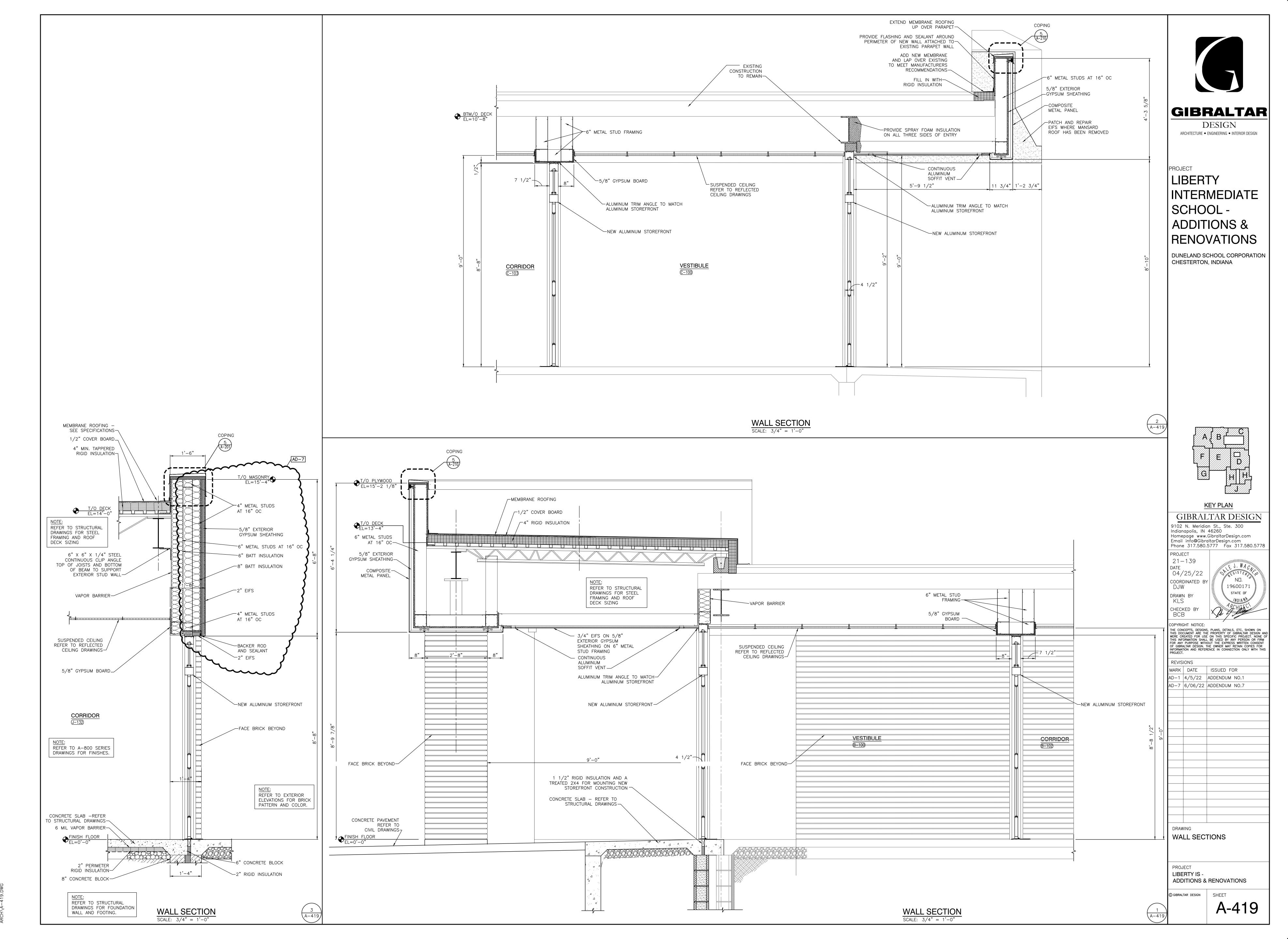
Friday, 6/3/2022 — 7:20 A Y:\21—139 DUNELAND SC — ADDITIONS AND RENOVATIONS ARCH\A—410.DWG



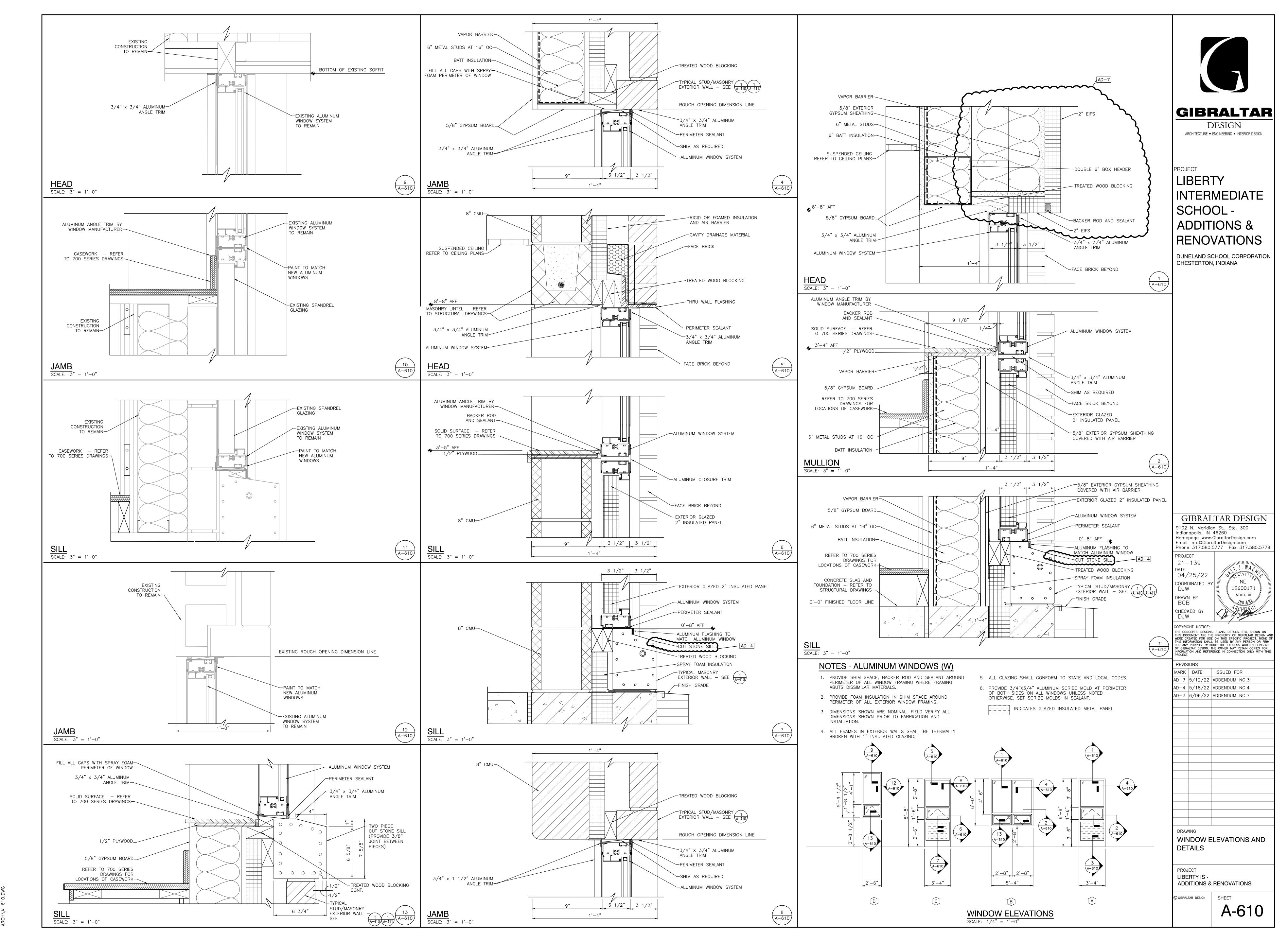
Wednesday, 6/1/2022 — 11:03 AM — LAST SAVED BY:KSCHULTZ Y:\21—139 DUNELAND SC — LIBERTY INTERMEDIATE SCHOOL ADDITIONS AND RENOVATIONS\21—139 DRAWINGS\05 ARCH\A—413.DWG



Friday, 6/3/2022 — 7:26 AM — LAST SAVED BY:KSCH Y:\21—139 DUNELAND SC — LIBERTY INTERMEDIATE S ADDITIONS AND RENOVATIONS\21—139 DRAWINGS\05 ARCH\A—418.DWG



Friday, 6/3/2022 — 7:29 AM — LAST SAVED BY:KSCHULTZ Y:\21—139 DUNELAND SC — LIBERTY INTERMEDIATE SCHOOL ADDITIONS AND RENOVATIONS\21—139 DRAWINGS\05 ARCH\A—419.DWG



Friday, 6/3/2022 – 7:42 AM – LAST SAVED BY:KSCHUL'Y:\21-139 DUNELAND SC – LIBERTY INTERMEDIATE SCHCADDITIONS AND RENOVATIONS\21-139 DRAWINGS\05

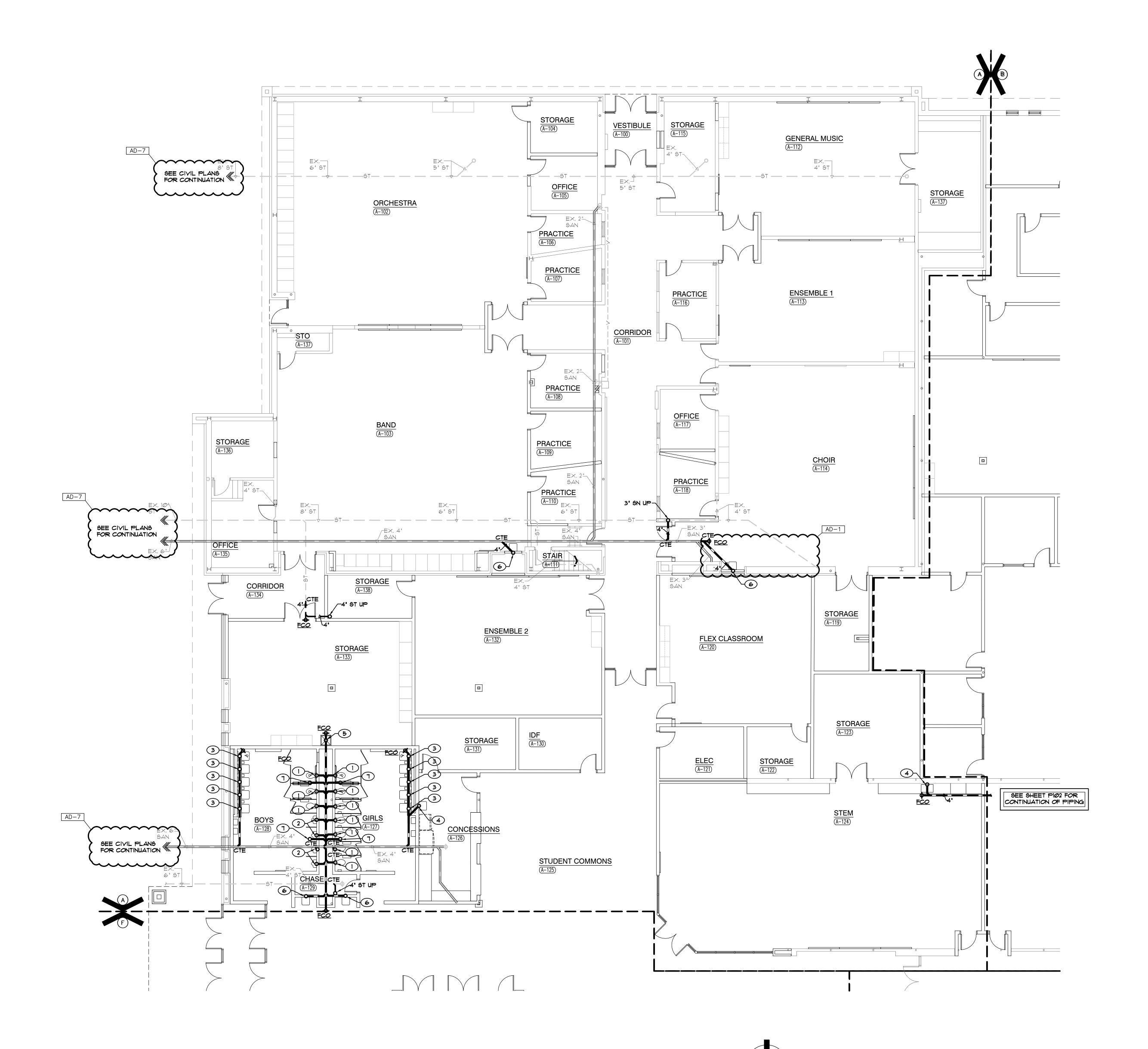
SURFACE	MARK	DESCRIPTION	MANUFACTURER	PATTERN/FINISH	NUMBER/COLOR	SIZE	COMMENTS	]
VALL BASE	B1	VINYL BASE	TARKETT	COVE	BURNT UMBER	4"		
	B2	VENTED BASE	TARKETT	BASE	BLACK	4"	MATCH EXISTING	
	B3 TB1	RESINOIUS FLOOR BASE TILE BASE	SHERWIN WILLIAMS  DALTILE	BASE MB5B SUEDE GRAY SPEC	STARRY NIGHT 5" x 12"	5"	SEE SHEET A-502 •COVE BASE	
	TB2	QUARRY TILE BASE	DALTILE	Q3565	ASHEN GRAY	5" X 6"	COVE BASE	
	TB3	TILE BASE	DALTILE	A3401	ICE WHITE	4" X 4"	COVE BASE	
OOR MATERIALS	Ì	LOADDET THE	Lunnington	DIODATOU	AAAAA OWITOUDOADD	0.4"\(0.4"\)	NEDIA OFNITED AND LOI	
	C1a C1b	CARPET TILE CARPET TILE	MANNINGTON TARKETT	DISPATCH AIDA CLOTH	14144 SWITCHBOARD 57203 TYPESET	24"X24" 18"X36"	MEDIA CENTER AND LGI MEDIA CENTER AND LGI	GIBRALTA
	C2a C2b	CARPET TILE CARPET TILE	MANNINGTON TARKETT	TRANSIT SHEARED HERRINGBONE	14144 SWITCHBOARD TYPESET 57203	24"X24" 18"X36"	OFFICES OFFICES	<b>————</b>
	C2b C4a	CARPET TILE	MANNINGTON	GAMETIME III	MANTLE MANT	24"X24"	CLASSROOM	DESIGN
	C4b LVT1a	CARPET TILE LUXURY VINYL TILE	TARKETT MANNINGTON	CRAYON CITY GRID	BONFIRE 48011 ANY105 SCALE	24"X24" 18"X18"	CLASSROOM CORRIDOR	ARCHITECTURE ● ENGINEERING ● INTERIOR DES
	LVT1b	LUXURY VINYL TILE	TARKETT	PCFT FIBER EFFECT	10775 SHIFTED SHADOWS	9" X 36"		コ
	LVT2a LVT2b	LUXURY VINYL TILE LUXURY VINYL TILE	MANNINGTON TARKETT	CITY GRID PCFT FIBER EFFECT	ANT106 PROCESS 10774 CONTEXTURE	18"X18" 9" X 36"	CORRIDOR 	$\dashv$
	LVT3a	LUXURY VINYL TILE	MANNINGTON	SPACIA ABSTRACT	SATIN WEAVE SS5A3805	9" X 36"	CLASSROOM	PROJECT
	LVT3b TZ1	LUXURY VINYL TILE TERRAZZO	TARKETT TERRAZZO AND MARBLE	TEXTERRAN PCTE  EPOXY: SW 7674 PEPPERCORN	CHIFFON 10977	18" X 18"	CLASSROOM	LIBERTY
				10% BLACK STALLION - 0 40% BLACK STALLION - 1 25% BLACK STALLION - 2				
				25% BLUE COAL - 1				_ INTERMEDIAT
	TZ2	TERRAZZO		MATCH EXISTING				SCHOOL -
	QT	QUARRY TILE	DALTILE	QUARRY TEXTURES	ASHEN GRAY	6" X 6"		_ ADDITIONS &
	СТ	CERAMIC TILE	DALTILE	D208 SUDE GRAY SPEC		2"X2"		$\rightrightarrows$ RENOVATIONS
	WF.	SEALED CONCRETE SPORTS WOOD FLOOR						
	RF1	RESINOUS FLOOR	SHERWIN WILLIAMS	DECO QUARTZ	BC23 STARRY EVENING	 24" V 24"	 HAMMEDED	DUNELAND SCHOOL CORPORA CHESTERTON, INDIANA
ALL MATERIALS	R1 <b>S</b>	RUBBER FLOOR	TARKETT	COLOR SPLASH	HRTSP VJ4 PLYMOUTH ROCK	24" X 24"	HAMMERED	$\mathbf{H}$
	P1	PAINT	SHERWIN WILLIAMS		SW 7668 MARCH WIND		CLASSROOMS	コ
	P2 P3	PAINT PAINT	SHERWIN WILLIAMS SHERWIN WILLIAMS		SW 9170 ACIER SW 7650 ELLIE GRAY		CLASSROOM ACCENT ADMIN	$\dashv$
	P4	PAINT	SHERWIN WILLIAMS		SW 7068 GRIZZLE GRAY			
	P5 P6	PAINT PAINT	NOT USED SHERWIN WILLIAMS	NOT USED	SW 7661 REFLECTION		GYM AND WRESTLING CEILING	$\exists$
	P7	PAINT	SHERWIN WILLIAMS		SW 7584 RED THEATRE		BULKHEAD	
	W1 W2	WALLCOATING WALLCOATING	SHERWIN WILLIAMS SHERWIN WILLIAMS		SW 7672 KNITTING NEEDLES SW 7650 ELLIE GRAY		GYM AND CLINIC  CORRIDOR TILE, RESTROOM, AND LOCKER ROOMS	<b>ゴ</b>
	W3 WC1	WALLCOATING	SHERWIN WILLIAMS		SW 7584 RED THEATRE			$\exists$
	WC2	WALLCOVERING WALLCOVERING	MDC MDC	LENTEX LENTEX	1242S4/4525 SORAYA GRAY PEARL 1243SY/4525 SORAYA GRANITE		CLASSROOM - MAIN CLASSROOM - ACCENT	$\exists$
	WC3 WC4	WALLCOVERING WALLCOVERING	MDC	ESQUIRE ESQUIRE	MLW3608/4525 WARREN GREY PINSTRIPE MLW3609/4525 WARREN GRAPHITE		ADMIN — MAIN ADMIN — ACCENT	$\dashv$
	WC4 WC5	WALLCOVERING	MDC	GENON	W2TG11/4525 OFF THE GRID SPARKLING	MOON	CORRIDOR	コ
	WT1 WT2	CERAMIC WALL TILE CERAMIC WALL TILE	AMERICAN OLEAN AMERICAN OLEAN	GLOSS GLOSS	0025 ICE WHITE 0119 PASSION	4" X 12" 4" X 12"		$\dashv$
	WT3	CERAMIC WALL TILE	AMERICAN OLEAN	GLOSS	0014 BALANCE	4" X 12"		_
	WT4 FW-AWP1	CERAMIC WALL TILE ACOUSTICAL PANEL	AMERICAN OLEAN GUILFORD OF MAINE	GLOSS FR701 2100	0040 STORM GRAY	4" X 12"	LGI, CHOIR, GENERAL MUSIC, ENSEMBLE, PRACTICE	$\dashv$
	AR-AWP1	ACOUSTICAL PANEL	TECTUM		SW 9170 ACIER		GYM — MAIN	コ
	AR-AWP2 AR-AWP3	ACOUSTICAL PANEL ACOUSTICAL PANEL	TECTUM TECTUM	_	SW 7668 MARCH WIND SW 7584 RED THEATRE		GYM — AUXILARY GYM — AUXILARY	$\exists$
	SP-AWP1 SP-AWP2	ACOUSTICAL PANEL ACOUSTICAL PANEL	KINETICS NOISE CONTRO		_	2' 0" X 2' 0" 2' 0" X 4' 0"	BAND ORCHESTRA — CONVEX PANELS BAND ORCHESTRA — FLAT PANELS	$\exists$
	EP1	EXTERIOR PAINT	SHERWIN WILLIAMS		SW 7038 TONY TAUPE			
	EP2	EXTERIOR PAINT	SHERWIN WILLIAMS		SW 7026 GRIFFEN	<u> </u>	<u> </u>	$\dashv$
ASEWORK AND I	1		1					$\exists$
	PL1 PL2	PLASTIC LAMINATE  PLASTIC LAMINATE	WILSONART WILSONART		MISTED ZEPHYR 4843-60  RAW COTTON 4947-38	 	CLASSROOM CABINETS CLASSROOM COUNTER	$\dashv$
	PL3	PLASTIC LAMINATE	NEVAMAR		KOPI SUSU LN6002		ADMIN OFFICES RECEPTION DESK	
	PL4 PL5	PLASTIC LAMINATE PLASTIC LAMINATE	PIONITE WILSONART		FIRST N MAIN AG031 PEARL SOAPSTONE 4886-38		ADMIN OFFICES RECEPTION DESK ACCENT ADMIN RECPETION DESK COUNTER	$\dashv$
	PL6	PLASTIC LAMINATE	FORMICA		NATURAL GRAY FELT 4971–58		WORKROOM COUNTER	$\dashv$
	PL7	PLASTIC LAMINATE	WILSONART PIONITE		MUSHROOM 5013K-19 SABLE AG021		WORKROOM CASEWORK MEDIA CENTER CIRCULATION DESK	GIBRALTAR DESIG
	PL8 PL9	PLASTIC LAMINATE PLASTIC LAMINATE	WILSONART		PORT D14-60	 	MEDIA CENTER CIRCULATION DESK  MEDIA CENTER RECPETION DESK ACCENT	9102 N. Meridian St., Ste. 300
	SS1	SOLID SURFACE	CORIAN		DOVE		WINDOW SILLS	Indianapolis, IN 46260 Homepage www.GibraltarDesign.com
	SS2 SS3	SOLID SURFACE SOLID SURFACE	CORIAN CORIAN		RAIN CLOUD  NATURAL GRAY		ADMIN RECEPTION DESK  MEDIA CENTER COUNTER	Email info@GibraltarDesign.com Phone 317.580.5777 Fax 317.580
	SS4	SOLID SURFACE	CORIAN		SILVER BIRCH		RESTROOMS	PROJECT
	SS5	SOLID SURFACE	CORIAN		LAVA ROCK		KITCHEN SERVING	21-139 DATE DATE DATE DATE
ISCELLANEOUS	i	Inner -	lues:-					04/25/22 STOP 101 TERE GISTER
	RS1 CG1	WINDOW ROLLER SHADE CORNER GUARD	MECHO ——	 	— —			COORDINATED BY   NO.   NO.   19600171
	L1	LOCKERS	LYON		3005-5F WINE RED			STATE OF
	TRIM1 TRIM2	METAL TRIM METAL TRIM	SCHLUTER SCHLUTER				FLOOR TRANSITION  TILE EDGE	SDT I A POULTECT
	TRIM3	METAL TRIM	SCHLUTER				OUTSIDE CORNER	CHECKED BY DJW
	TRIM4 C3a	METAL TRIM WALK-OFF CARPET	SCHLUTER MANNINGTON	FORCE	 KINETIC 11360		MILLWORK WALK-OFF CARPET	COPYRIGHT NOTICE:
	C3b	WALK-OFF CARPET	TARKETT	04837 ASSERTIVE ACTION	26201 CHROMIUM		WALK-OFF CARPET	THE CONCEPTS, DESIGNS, PLANS, DETAILS, ETC, SHOW THIS DOCUMENT ARE THE PROPERTY OF GIBRALTAR D WERE CREATED FOR USE ON THIS SPECIFIC PROJECT.
		BLEACHER SEAT DISPLAY CASE FABRIC	HUSSEY 		050 GREY			THIS INFORMATION SHALL BE USED BY ANY PERSON FOR ANY PURPOSE WITHOUT THE EXPRESS WRITTEN OF OF GIBRALTAR DESIGN. THE OWNER MAY RETAIN COPIN
		WOOD DOOR						INFORMATION AND REFERENCE IN CONNECTION ONLY V PROJECT.
		ALL TRAVELERS, BOARDERS, KM FABRICS						REVISIONS
		LEGS & CYCLORAMA CURTAINS						MARK DATE ISSUED FOR
		MAIN VALENCE DOOR FRAMES					—— MATCH EXISTING BURGANDY	AD-3 5/12/22 ADDENDUM NO.3 AD-4 5/18/22 ADDENDUM NO.4
	PTN ST1	FABRIC/NET PARTITION STAIR RISER AND						AD-7 6/06/22 ADDENDUM NO.7
	ST1	STAIR RISER AND STAIR TREAD WITH INTEGRAL NOSING	TARKETT		BURNT UMBER		HAMMERED	
	TP1	TOLIET PARTION	ASI ACCURATE PARTITION	SOLID PLASTIC	BURGANDY 9211			
	PC1 WDT1	PRIVACY CURTAIN	ARCHITEX		MOUNTAIN			_
	∎ W/L) L T	WOOD TRIM		<u> </u>				_
	WDTT	<u> </u>		<u></u>				
ΓR = EXISTING T	O REMAIN		<u> </u>		R SHUTTERSTOCK IMAGE, ONE CUSTOM CO		<b>'</b>	

DRAWING FINISH LEGEND

PROJECT
LIBERTY IS ADDITIONS & RENOVATIONS

© GIBRALTAR DESIGN SHEET

A-820



UNIT "A" PLUMBING UNDERFLOOR PLAN

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

# SHEET NOTES

- 4" SANITARY UP TO WATER CLOSET
- 2 11/2" SANITARY UP TO URINAL
- 3 11/2" SANITARY UP TO LAYATORY
- 4 2" SANITARY UP TO SINK
- 5 4" SANITARY UP TO MOP BASIN
- 6 1/2' SANITARY UP TO ELECTRIC WATER COOLER
- 1 4" SANITARY UP TO FLOOR DRAIN/SINK
- 8 2" SANITARY UP TO EMERGENCY SHOWER
- 9 2" VENT UP



GIBRALTAR

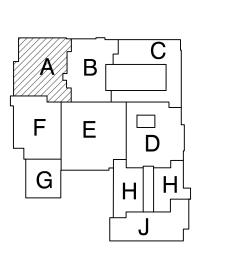
DESIGN ARCHITECTURE • ENGINEERING • INTERIOR DESIGN

**MILLIES** 

LIBERTY

INTERMEDIATE SCHOOL -ADDITIONS & RENOVATIONS

DUNELAND SCHOOL CORPORATION CHESTERTON, INDIANA



KEY PLAN

GIBRALTAR 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

04/25/22 COORDINATED

DRAWN BY MDG,CC

COPYRIGHT NOTICE: THE CONCEPTS, DESIGNS, PLANS, DETAILS, ETC, SHOWN ON THIS DOCUMENT ARE THE PROPERTY OF GIBRALTAR DESIGN AND WERE CREATED FOR USE ON THIS SPECIFIC PROJECT. NONE OF THIS INFORMATION SHALL BE USED BY ANY PERSON OR FIRM FOR ANY PURPOSE WITHOUT THE EXPRESS WRITTEN CONSENT OF GIBRALTAR DESIGN. THE OWNER MAY RETAIN COPIES FOR

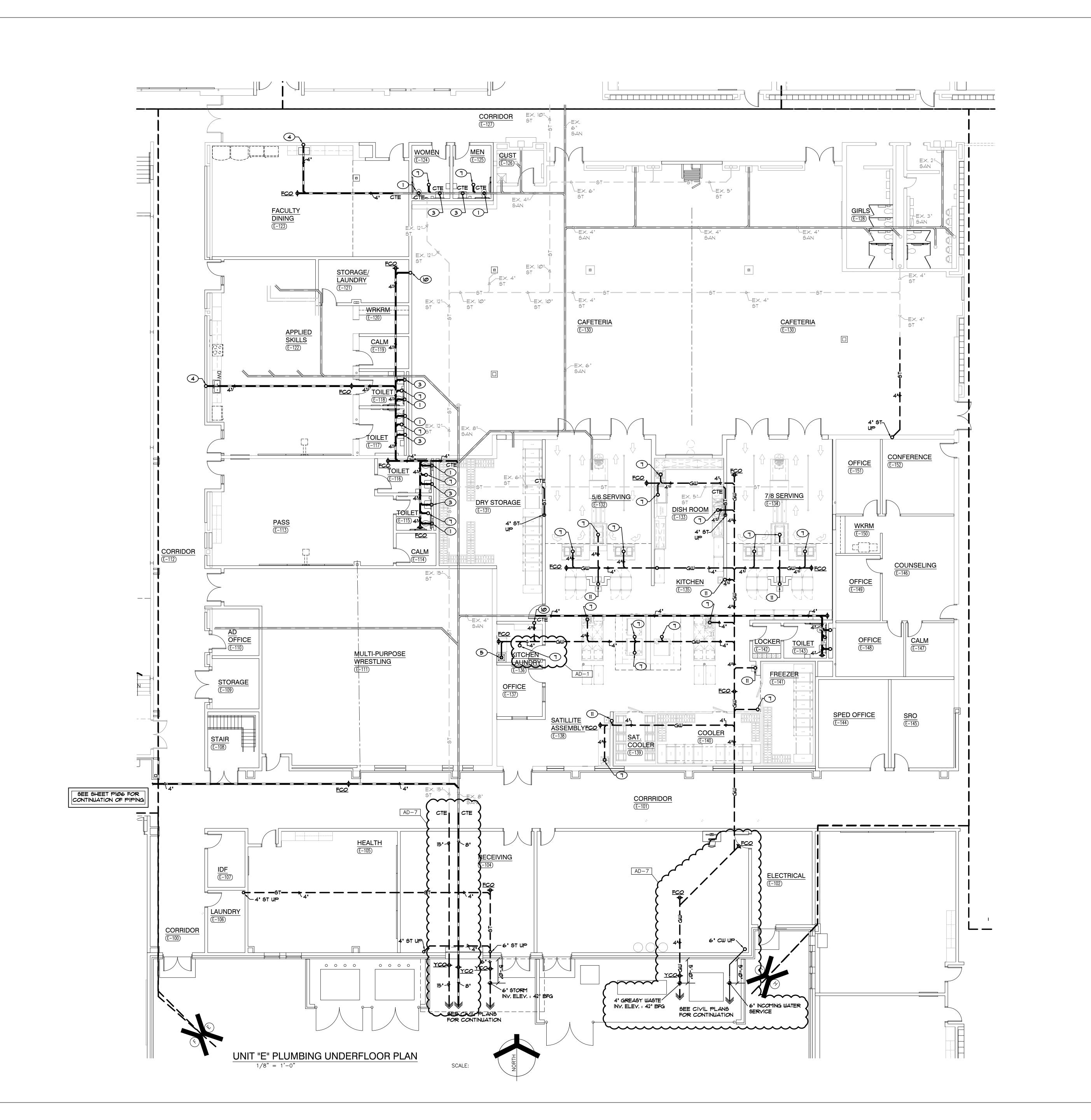
REVIS	IONS	
MARK	DATE	ISSUED FOR
AD-1	05/05/22	ADDENDUM NO. 1
AD-7	06/06/22	ADDENDUM NO. 7

UNIT "A" PLUMBING UNDERFLOOR PLAN

LIBERTY IS -ADDITIONS & RENOVATIONS

Copyright © 2022 Millies Engineering Group

P-101



- 4" SANITARY UP TO WATER CLOSET
- 2 11/2" SANITARY UP TO URINAL
- 3 1/2" SANITARY UP TO LAYATORY
- 4 2" SANITARY UP TO SINK
- 4" SANITARY UP TO FLOOR DRAIN/SINK
- 8 2" SANITARY UP TO EMERGENCY SHOWER
- 9 2" VENT UP
- 10 4" SAN UP TO PLUMBERS BOX
- 11 2' SANITARY UP TO KITCHEN EQUIPMENT



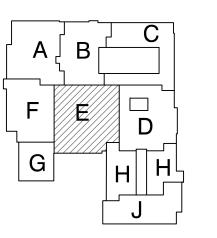
GIBRALTAR

DESIGN ARCHITECTURE ◆ ENGINEERING ◆ INTERIOR DESIGN **MILLIES** 

LIBERTY

INTERMEDIATE SCHOOL -ADDITIONS & RENOVATIONS

DUNELAND SCHOOL CORPORATION CHESTERTON, INDIANA



**KEY PLAN** 

GIBRALTAR 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

04/25/22 COORDINATED DRAWN BY MDG,CC

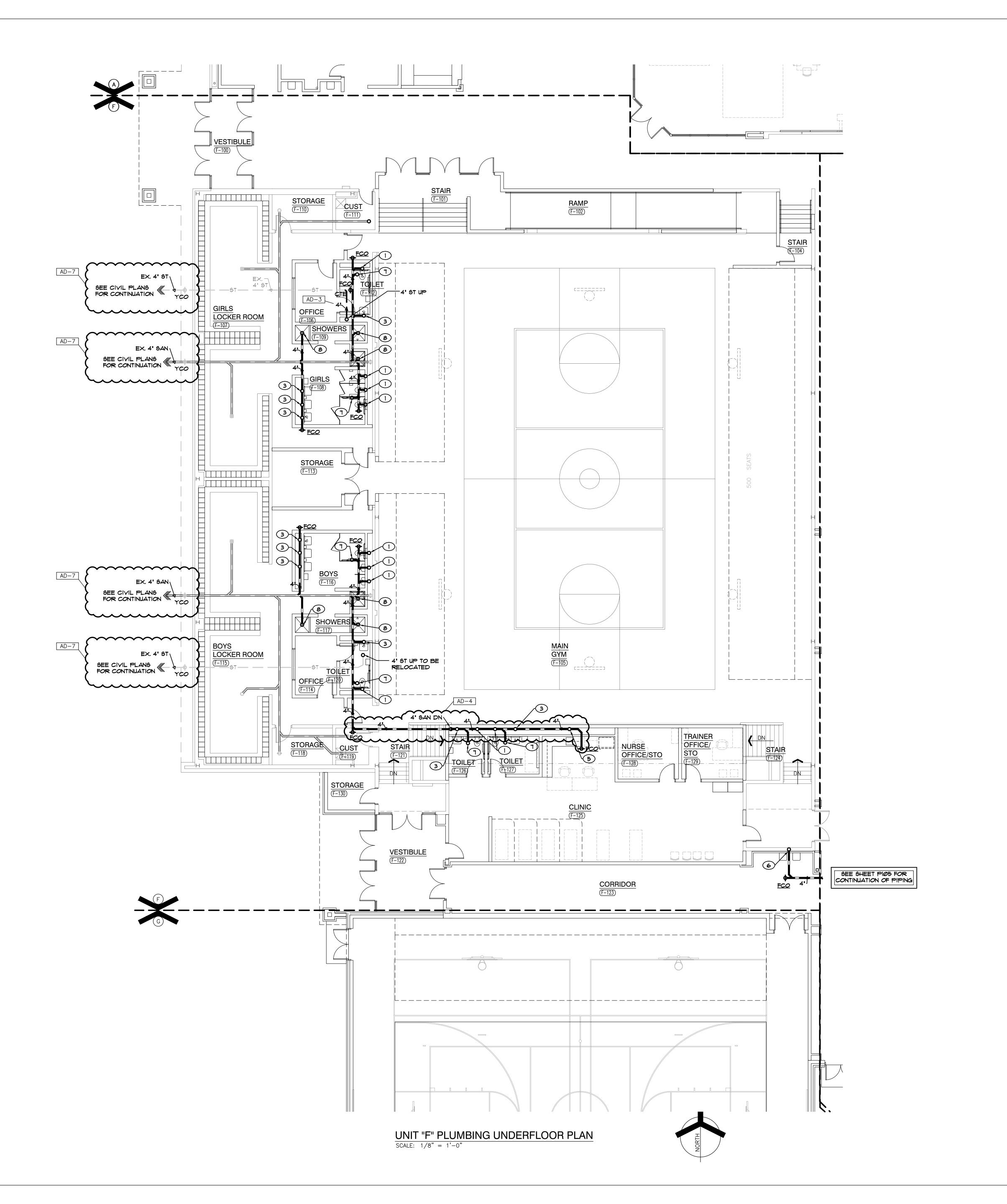
COPYRIGHT NOTICE: THE CONCEPTS, DESIGNS, PLANS, DETAILS, ETC, SHOWN ON THIS DOCUMENT ARE THE PROPERTY OF GIBRALTAR DESIGN AND WERE CREATED FOR USE ON THIS SPECIFIC PROJECT. NONE OF THIS INFORMATION SHALL BE USED BY ANY PERSON OR FIRM FOR ANY PURPOSE WITHOUT THE EXPRESS WRITTEN CONSENT OF GIBRALTAR DESIGN. THE OWNER MAY RETAIN COPIES FOR INFORMATION AND REFERENCE IN CONNECTION ONLY WITH THIS PROJECT.

MARK DATE ISSUED FOR AD-1 05/05/22 ADDENDUM NO. 1 AD-7 06/06/22 ADDENDUM NO. 7

UNIT "E" PLUMBING UNDERFLOOR PLAN

LIBERTY IS -ADDITIONS & RENOVATIONS

P-105



- 4" SANITARY UP TO WATER CLOSET
- 2 11/2" SANITARY UP TO URINAL
- 3 11/2" SANITARY UP TO LAYATORY
- 4 2" SANITARY UP TO SINK
- 6 11/2" SANITARY UP TO ELECTRIC WATER COOLER
- 4" SANITARY UP TO FLOOR DRAIN/SINK
- 8 2" SANITARY UP TO EMERGENCY SHOWER
- 9 2" VENT UP



GIBRALTAR

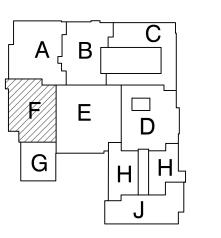
DESIGN ARCHITECTURE • ENGINEERING • INTERIOR DESIGN

MILLIES
ENGINEERING GROUP
(219) 924-8400
www.milliesengineeringgroup.com

LIBERTY

INTERMEDIATE SCHOOL -ADDITIONS & RENOVATIONS

DUNELAND SCHOOL CORPORATION CHESTERTON, INDIANA



KEY PLAN

GIBRALTAR 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

04/25/22 COORDINATED DRAWN BY MDG,CC

COPYRIGHT NOTICE: THE CONCEPTS, DESIGNS, PLANS, DETAILS, ETC, SHOWN ON THIS DOCUMENT ARE THE PROPERTY OF GIBRALTAR DESIGN AND WERE CREATED FOR USE ON THIS SPECIFIC PROJECT. NONE OF THIS INFORMATION SHALL BE USED BY ANY PERSON OR FIRM FOR ANY PURPOSE WITHOUT THE EXPRESS WRITTEN CONSENT OF GIBRALTAR DESIGN. THE OWNER MAY RETAIN COPIES FOR INFORMATION AND REFERENCE IN CONNECTION ONLY WITH THIS PROJECT.

MARK DATE ISSUED FOR AD-4 05/18/22 ADDENDUM NO. 4 |AD-7|06/06/22|ADDENDUM NO. 7

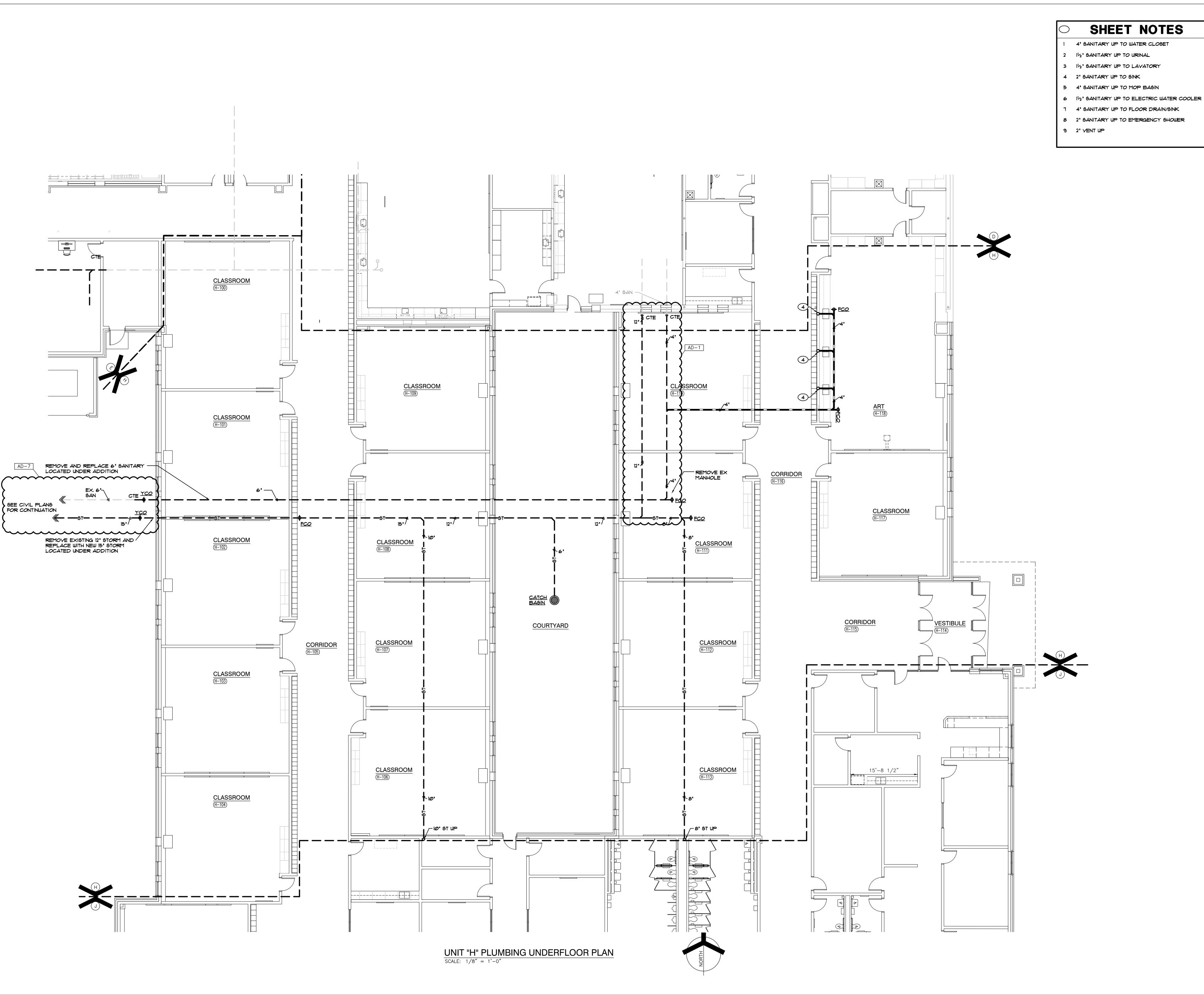
UNIT "F" PLUMBING

UNDERFLOOR PLAN

LIBERTY IS -ADDITIONS & RENOVATIONS

P-106

Copyright © 2022 Millies Engineering Group







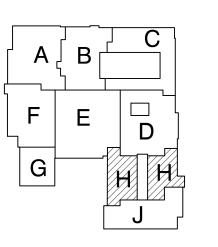


LIBERTY

**GIBRALTAR** 

INTERMEDIATE SCHOOL -ADDITIONS & RENOVATIONS

DUNELAND SCHOOL CORPORATION CHESTERTON, INDIANA



KEY PLAN

GIBRALTAR 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

04/25/22 COORDINATED

DRAWN BY MDG,CC

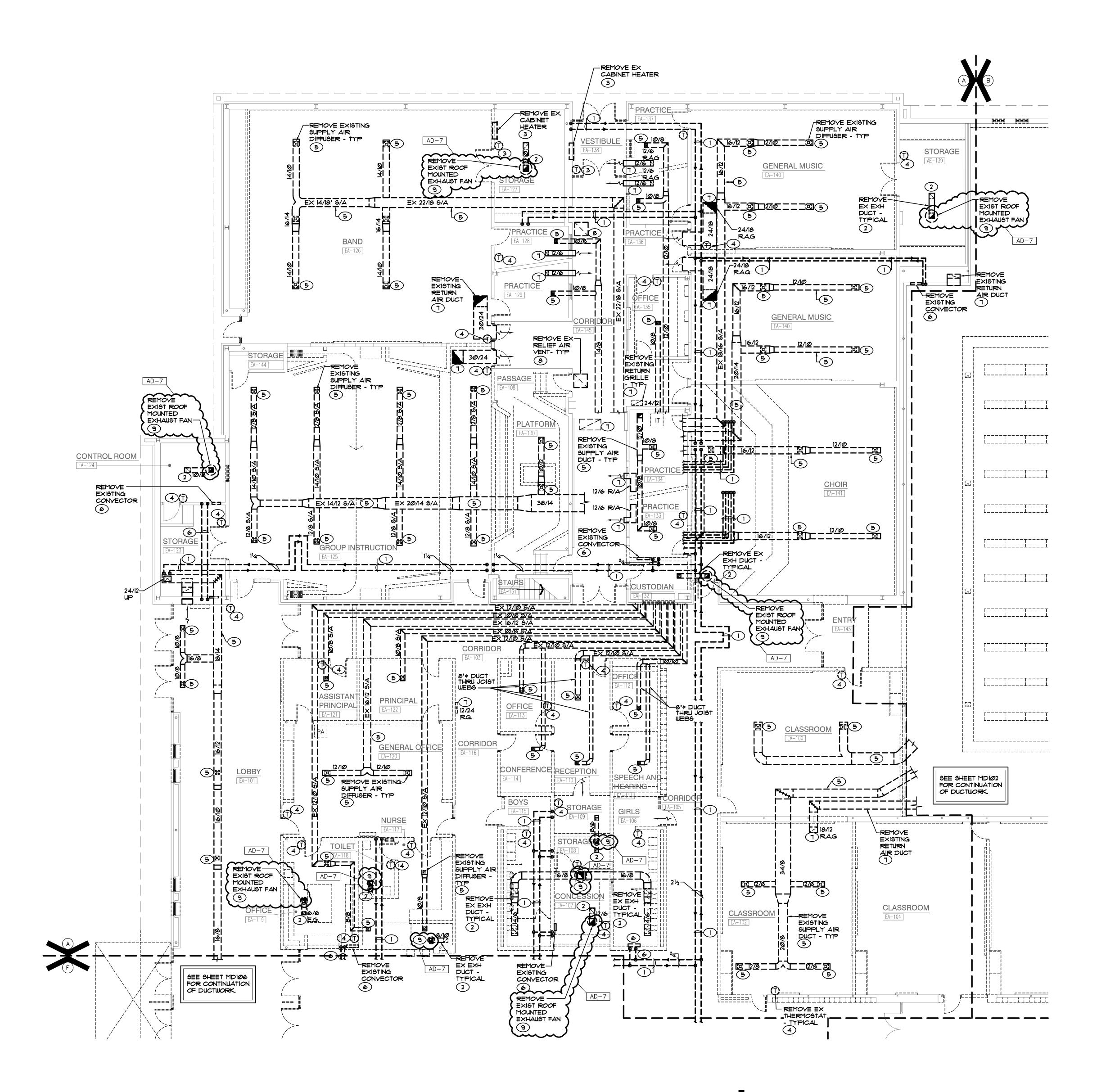
COPYRIGHT NOTICE: THE CONCEPTS, DESIGNS, PLANS, DETAILS, ETC, SHOWN ON THIS DOCUMENT ARE THE PROPERTY OF GIBRALTAR DESIGN AND WERE CREATED FOR USE ON THIS SPECIFIC PROJECT. NONE OF THIS INFORMATION SHALL BE USED BY ANY PERSON OR FIRM FOR ANY PURPOSE WITHOUT THE EXPRESS WRITTEN CONSENT OF GIBRALTAR DESIGN. THE OWNER MAY RETAIN COPIES FOR INFORMATION AND REFERENCE IN CONNECTION ONLY WITH THIS PROJECT.

MARK DATE ISSUED FOR AD-1 05/05/22 ADDENDUM NO. 1 AD-7 06/06/22 ADDENDUM NO. 7 UNIT "H" PLUMBING

UNDERFLOOR PLAN

LIBERTY IS -ADDITIONS & RENOVATIONS

P-108



REMOVE EXISTING HOT WATER PIPING AND ASSOCIATED VALVES, SUPPORTS, CONTROLS, ETC. COMPLETE AS REQUIRED.

- 2. REMOVE EXISTING EXHAUST GRILLE AND ASSOCIATED EXHAUST DUCTWORK COMPLETE AS REQUIRED.
- 3. REMOVE EXISTING CABINET HEATER AND ASSOCIATED HOT WATER SUPPLY AND RETURN PIPING, THERMOSTAT, CONTROLS, ELECTRICAL CONNECTIONS, ETC COMPLETE AS
- 4. REMOVE EXISTING THERMOSTAT AND ASSOCIATED CONTROL WIRING, TUBING, ETC. COMPLETE AS REQUIRED.
- 5. REMOVE EXISTING SUPPLY AIR DIFFUSER AND ASSOCIATED DUCTWORK COMPLETE AS REQUIRED.
- 6. REMOVE EXISTING CONVECTOR AND ASSOCIATED HOT WATER PIPING, CONTROLS, THERMOSTATS, ELECTRICAL CONNECTIONS, ETC. COMPLETE AS REQUIRED.
- REMOVE EXISTING RETURN AIR GRILLE AND ASSOCIATED
- RETURN AIR DUCTWORK COMPLETE AS REQUIRED.
- 8. REMOVE EXISTING RELIEF AIR GRILLE AND ASSOCIATED RELIEF AIR DUCTWORK COMPLETE AS REQUIRED.
- 9. REMOVE EXISTING ROOF MOUNTED EXHAUST FAN AND ASSOCIATED DUCTWORK, GRILLES, CONTROLS, ELECTRICAL CONNECTIONS, ETC. COMPLETE AS REQUIRED. EXISTING ROOF CURB TO REMAIN ABANDONED - PROVIDE NEW INSULATED (MIN R-30 INS.) GALYANIZED SHEETMETAL CURB

CAP AND SEAL WEATHERTIGHT.



**GIBRALTAR** 

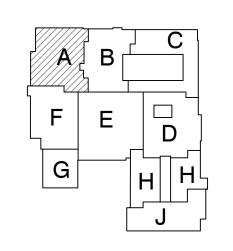
DESIGN ARCHITECTURE • ENGINEERING • INTERIOR DESIGN

**MILLIES** (219) 924-8400

LIBERTY

INTERMEDIATE SCHOOL -**ADDITIONS & RENOVATIONS** 

DUNELAND SCHOOL CORPORATION CHESTERTON, INDIANA

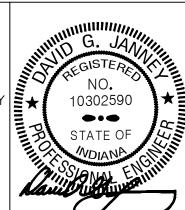


**KEY PLAN** 

GIBRALTAR 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 04/25/22 COORDINATED DRAWN BY

CHECKED BY



COPYRIGHT NOTICE: THE CONCEPTS, DESIGNS, PLANS, DETAILS, ETC, SHOWN ON THIS DOCUMENT ARE THE PROPERTY OF GIBRALTAR DESIGN AND WERE CREATED FOR USE ON THIS SPECIFIC PROJECT. NONE OF THIS INFORMATION SHALL BE USED BY ANY PERSON OR FIRM FOR ANY PURPOSE WITHOUT THE EXPRESS WRITTEN CONSENT OF GIBRALTAR DESIGN. THE OWNER MAY RETAIN COPIES FOR INFORMATION AND REFERENCE IN CONNECTION ONLY WITH THIS PROJECT

REVIS	IONS	
MARK	DATE	ISSUED FOR
AD-7	06/06/22	ADDENDUM NO. 7

DRAWING

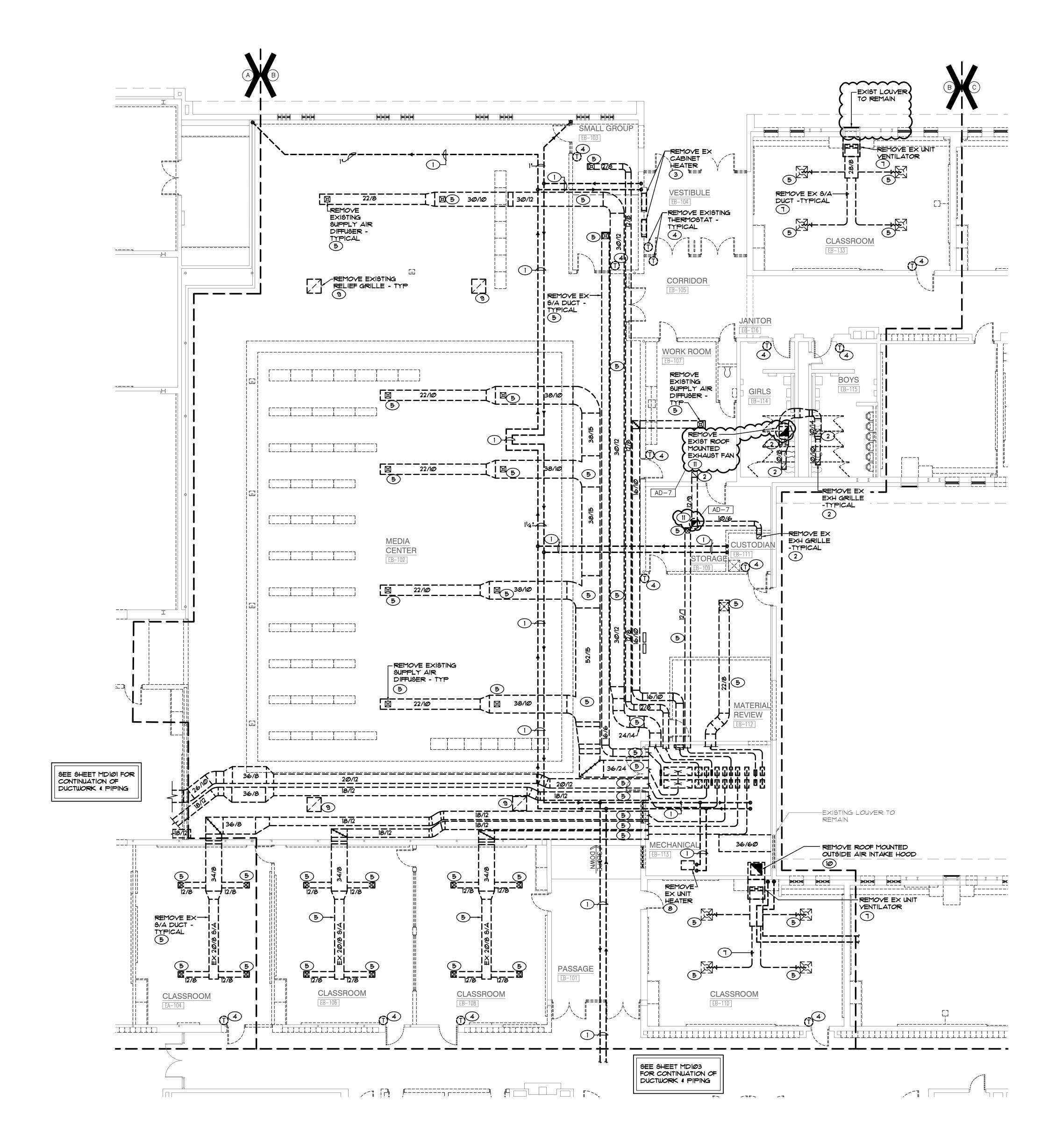
UNIT "A" MECHANICAL FIRST FLOOR DEMOLITION PLAN

PROJECT LIBERTY IS -ADDITIONS & RENOVATIONS

Copyright © 2022 Millies Engineering Group

GIBRALTAR DESIGN SHEET MD101

UNIT "A" MECHANICAL FIRST FLOOR DEMOLITION PLAN



- REMOVE EXISTING HOT WATER PIPING AND ASSOCIATED VALVES, SUPPORTS, CONTROLS, ETC. COMPLETE AS REQUIRED.
- 2. REMOVE EXISTING EXHAUST GRILLE AND ASSOCIATED EXHAUST DUCTWORK COMPLETE AS REQUIRED.
- 3. REMOVE EXISTING CABINET HEATER AND ASSOCIATED HOT WATER SUPPLY AND RETURN PIPING, THERMOSTAT, CONTROLS, ELECTRICAL CONNECTIONS, ETC COMPLETE AS
- 4. REMOVE EXISTING THERMOSTAT AND ASSOCIATED CONTROL WIRING, TUBING, ETC. COMPLETE AS REQUIRED.
- 5. REMOVE EXISTING SUPPLY AIR DIFFUSER AND ASSOCIATED DUCTWORK COMPLETE AS REQUIRED.
- 6. REMOVE EXISTING OUTSIDE AIR INTAKE LOUVER AND ASSOCIATED OUTSIDE AIR INTAKE DUCT, DAMPER, CONTROLS, ETC. COMPLETE AS REQUIRED.
- REMOVE EXISTING UNIT VENTILATOR AND ASSOCIATED SUPPLY AIR DUCTWORK, HOT WATER SUPPLY AND RETURN PIPING, CHILLED WATER SUPPLY AND RETURN PIPING, CONTROLS, THERMOSTATS, ELECTRICAL CONNECTIONS, ETC. COMPLETE AS REQUIRED.
- 8. REMOVE EXISTING UNIT HEATER AND ASSOCIATED HOT WATER SUPPLY AND RETURN PIPING, THERMOSTAT, CONTROLS, ELECTRICAL CONNECTIONS, ETC. COMPLETE AS
- 9. REMOVE EXISTING RELIEF AIR GRILLE AND ASSOCIATED RELIEF AIR DUCTWORK COMPLETE AS REQUIRED.
- 10. REMOVE EXISTING ROOF MOUNTED OUTSIDE AIR INTAKE HOOD AND ASSOCIATED OUTSIDE AIR INTAKE DUCTWORK, DAMPER, CONTROLS, ETC. COMPLETE AS REQUIRED. REMOVE EXISTING ROOF MOUNTED EXHAUST FAN AND ASSOCIATED DUCTWORK, GRILLES, CONTROLS, ELECTRICAL CONNECTIONS, ETC. COMPLETE AS REQUIRED. EXISTING ROOF CURB TO REMAIN ABANDONED - PROVIDE NEW

INSULATED (MIN R-30 INS.) GALVANIZED SHEETMETAL CURB

AD-7

CAP AND SEAL WEATHERTIGHT.



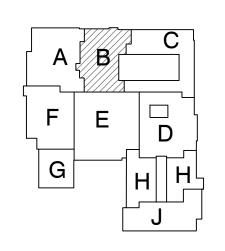
**GIBRALTAR** 

DESIGN ARCHITECTURE • ENGINEERING • INTERIOR DESIGN

LIBERTY

INTERMEDIATE SCHOOL -**ADDITIONS &** RENOVATIONS

DUNELAND SCHOOL CORPORATION CHESTERTON, INDIANA



**KEY PLAN** 

GIBRALTAR DESIGN 9102 N. Meridian St., Ste. 300 Indianapolis, IN 46260 Homepage www.GibraltarDesign.com

Phone 317.580.5777 Fax 317.580.5778

Email info@GibraltarDesign.com

04/25/22 COORDINATED

DRAWN BY

CHECKED BY

COPYRIGHT NOTICE: THE CONCEPTS, DESIGNS, PLANS, DETAILS, ETC, SHOWN ON THIS DOCUMENT ARE THE PROPERTY OF GIBRALTAR DESIGN AND WERE CREATED FOR USE ON THIS SPECIFIC PROJECT. NONE OF THIS INFORMATION SHALL BE USED BY ANY PERSON OR FIRM FOR ANY PURPOSE WITHOUT THE EXPRESS WRITTEN CONSENT OF GIBRALTAR DESIGN. THE OWNER MAY RETAIN COPIES FOR INFORMATION AND REFERENCE IN CONNECTION ONLY WITH THIS PROJECT

MARK	DATE	ISSUED FOR
AD-7	06/06/22	ADDENDUM NO. 7
DRAW		

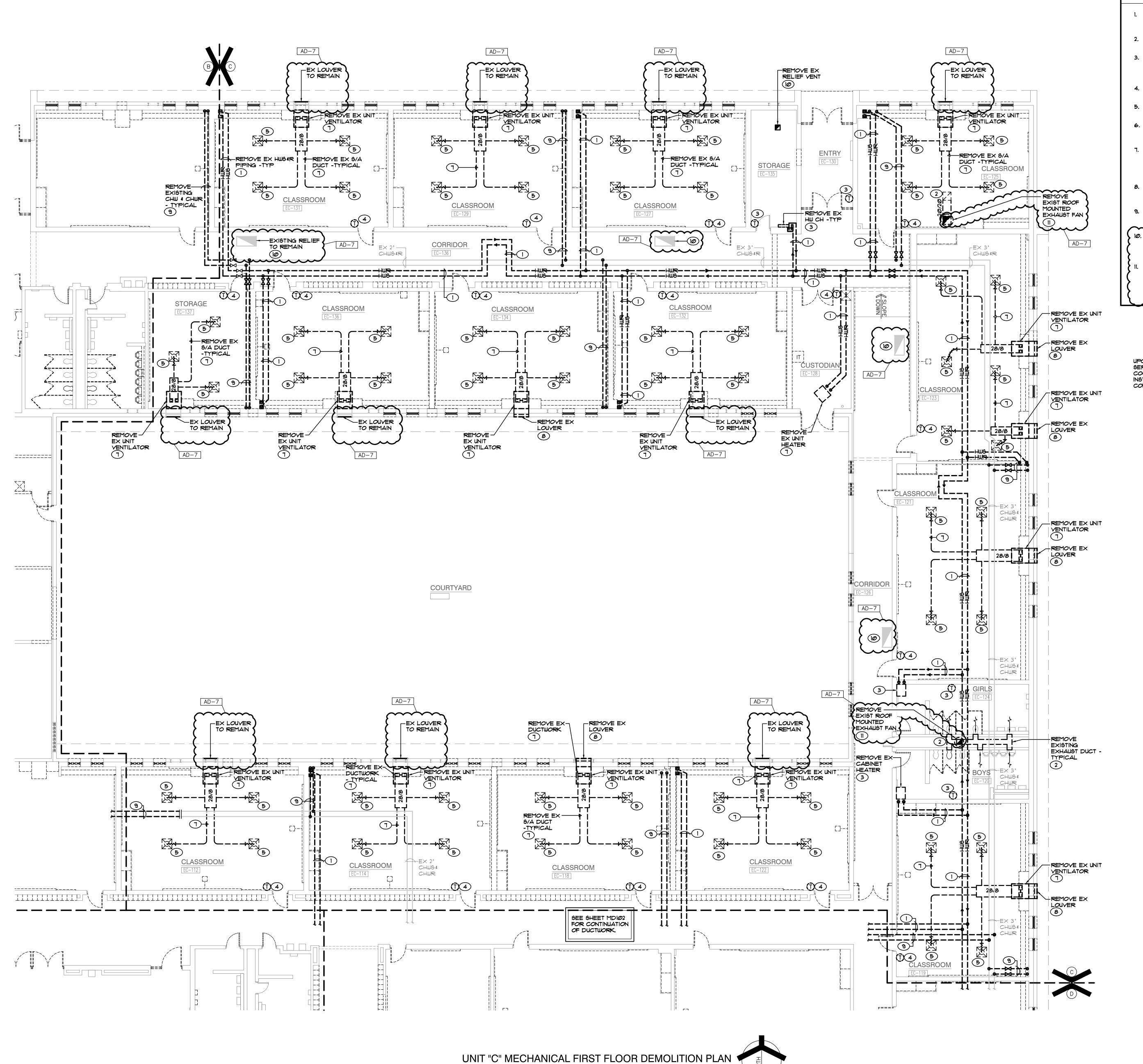
UNIT "B" MECHANICAL FIRST FLOOR DEMOLITION PLAN

PROJECT LIBERTY IS -ADDITIONS & RENOVATIONS

GIBRALTAR DESIGN SHEET В

Copyright © 2022 Millies Engineering Group

MD102



- 1. REMOVE EXISTING HOT WATER PIPING AND ASSOCIATED VALVES, SUPPORTS, CONTROLS, ETC. COMPLETE AS REQUIRED.
  - 2. REMOVE EXISTING EXHAUST GRILLE AND ASSOCIATED EXHAUST DUCTWORK COMPLETE AS REQUIRED.
- 3. REMOVE EXISTING CABINET HEATER AND ASSOCIATED HOT WATER SUPPLY AND RETURN PIPING, THERMOSTAT, CONTROLS, ELECTRICAL CONNECTIONS, ETC COMPLETE AS
- 4. REMOVE EXISTING THERMOSTAT AND ASSOCIATED CONTROL WIRING/TUBING, ETC. COMPLETE AS REQUIRED.
- 5. REMOVE EXISTING SUPPLY AIR DIFFUSER AND ASSOCIATED DUCTWORK COMPLETE AS REQUIRED.
- 6. REMOVE EXISTING UNIT HEATER AND ASSOCIATED HEATING PIPING, THERMOSTAT, CONTROLS, ELECTRICAL CONNECTIONS, ETC. COMPLETE AS REQUIRED.
- 1. REMOVE EXISTING UNIT VENTILATOR AND ASSOCIATED SUPPLY AIR DUCTWORK, HOT WATER SUPPLY AND RETURN PIPING, CHILLED WATER SUPPLY AND RETURN PIPING, CONTROLS, THERMOSTATS, ELECTRICAL CONNECTIONS, ETC. COMPLETE AS REQUIRED.
- 8. REMOVE EXISTING OUTSIDE AIR INTAKE LOUVER AND ASSOCIATED OUTSIDE AIR INTAKE DUCT, DAMPER, CONTROLS, ETC. COMPLETE AS REQUIRED.
- 9. REMOVE EXISTING CHILLED WATER PIPING AND ASSOCIATED VALVES, SUPPORTS, CONTROLS, ETC.
- COMPLETE AS REQUIRED.

  10. EXISTING RELIEF AIR GRILLE, DUCTWORK, AND ROOF
  MOUNTED HOOD TO REMAIN. CHECK PROPER OPERATION
  OF BAROMETRIC RELIEF DAMPER AND REPLACE IF
  NECESSARY COMPLETE AS REQUIRED.
- REMOVE EXISTING ROOF MOUNTED EXHAUST FAN AND ASSOCIATED DUCTWORK, GRILLES, CONTROLS, ELECTRICAL CONNECTIONS, ETC. COMPLETE AS REQUIRED. EXISTING ROOF CURB TO REMAIN ABANDONED PROVIDE NEW INSULATED (MIN R-30 INS.) GALVANIZED SHEETMETAL CURB CAP AND SEAL WEATHERTIGHT.

AD-7

UPGRADE EXISTING NATURAL GAS SERVICE FOR NEW FACILITY LOADS. COORDINATE SERVICE INSTALLATION WITH LOCAL UTILITY COMPANY.

ATE SERVICE TION WITH LOCAL UTILITY



**GIBRALTAR** 

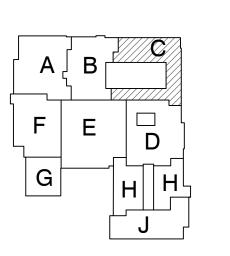
DESIGN

ARCHITECTURE • ENGINEERING • INTERIOR DESIGN

ENGINEERING GROU (219) 924-8400 www.milliesengineeringgrou

LIBERTY
INTERMEDIATE
SCHOOL ADDITIONS &
RENOVATIONS

DUNELAND SCHOOL CORPORATION CHESTERTON, INDIANA



KEY PLAN

GIBRALTAR 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
21-139
DATE
04/25/22
COORDINATED BY
JC
DRAWN BY

CHECKED BY

DJ

COPYRIGHT NOTICE:

THE CONCEPTS, DESIGNS, PLANS, DETAILS, ETC, SHOWN ON THIS DOCUMENT ARE THE PROPERTY OF GIBRALTAR DESIGN AND WERE CREATED FOR USE ON THIS SPECIFIC PROJECT. NONE OF THIS INFORMATION SHALL BE USED BY ANY PERSON OR FIRM FOR ANY PURPOSE WITHOUT THE EXPRESS WRITTEN CONSENT OF GIBRALTAR DESIGN. THE OWNER MAY RETAIN COPIES FOR

REVIS	IONS	
MARK	DATE	ISSUED FOR
AD-7	06/06/22	ADDENDUM NO. 7

DRAWING

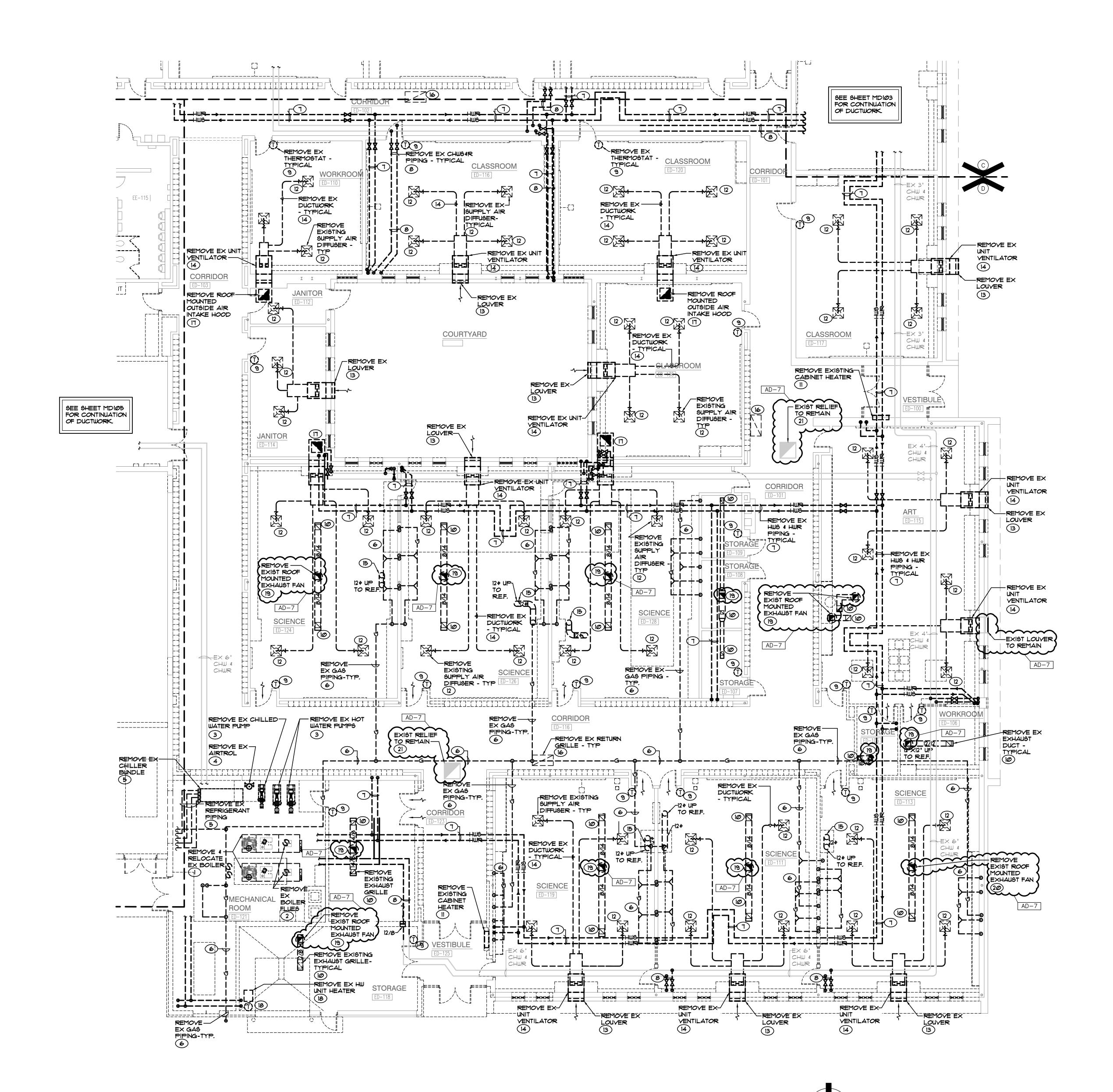
UNIT "C" MECHANICAL
FIRST FLOOR DEMOLITION
PLAN

PROJECT
LIBERTY IS ADDITIONS & RENOVATIONS

BRALTAR DESIGN

Copyright © 2022 Millies Engineering Group

MD103



- REMOVE AND RELOCATE EXISTING BOILER REMOVE ASSOCIATED HOT WATER SUPPLY AND RETURN PIPING, GAS PIPING, MAKE-UP WATER, EXPANSION TANK, SPECIALTIES, FLUES, CONTROLS, ELECTRICAL POWER CONNECTIONS, ETC. COMPLETE AS REQUIRED.
- 2. REMOVE BOILER FLUE, ETC. COMPLETE AS REQUIRED.
- 3. REMOVE HYAC HYDRONIC WATER PUMPS AND ASSOCIATED PIPING, YALVES, YARIABLE FREQUENCY DRIVES, CONTROLS, ELECTRICAL CONNECTIONS, ETC. COMPLETE AS
- 4. REMOVE EXISTING AIR SEPARATOR AND ASSOCIATED PIPING, YALVES, VENT, ETC. COMPLETE AS REQUIRED.
- 5. REMOVE EXISTING CHILLER BUNDLE AND ASSOCIATED REFRIGERANT PIPING, CHILLED WATER PIPING, VALVES,
- 6. REMOVE EXISTING GAS PIPING AND ASSOCIATED VALVES, SUPPORTS, ETC. COMPLETE AS REQUIRED.
- REMOVE EXISTING HOT WATER PIPING AND ASSOCIATED VALVES, SUPPORTS, CONTROLS, ETC. COMPLETE AS
- REQUIRED. 8. REMOVE EXISTING CHILLED WATER PIPING AND
- ASSOCIATED VALVES, SUPPORTS, CONTROLS, ETC. COMPLETE AS REQUIRED.

EXHAUST DUCTWORK COMPLETE AS REQUIRED.

CONTROLS, ETC. COMPLETE AS REQUIRED.

9. REMOVE EXISTING THERMOSTAT AND ASSOCIATED CONTROL WIRING, TUBING, ETC. COMPLETE AS REQUIRED.

10. REMOVE EXISTING EXHAUST GRILLE AND ASSOCIATED

- . REMOVE EXISTING CABINET HEATER AND ASSOCIATED HOT WATER SUPPLY AND RETURN PIPING, THERMOSTAT, CONTROLS, ELECTRICAL CONNECTIONS, ETC COMPLETE AS
- REMOVE EXISTING SUPPLY AIR DIFFUSER AND ASSOCIATED DUCTWORK COMPLETE AS REQUIRED.
- 13. REMOVE EXISTING OUTSIDE AIR INTAKE LOUVER AND ASSOCIATED OUTSIDE AIR INTAKE DUCT, DAMPER, CONTROLS, ETC. COMPLETE AS REQUIRED.
- 14. REMOVE EXISTING UNIT VENTILATOR AND ASSOCIATED SUPPLY AIR DUCTWORK, HOT WATER SUPPLY AND RETURN PIPING, CHILLED WATER SUPPLY AND RETURN PIPING, CONTROLS, THERMOSTATS, ELECTRICAL CONNECTIONS, ETC. COMPLETE AS REQUIRED.
- 15. REMOVE EXISTING SUPPLY AIR DUCTWORK COMPLETE AS REQUIRED
- 16. REMOVE EXISTING RETURN AIR GRILLE AND ASSOCIATED RETURN AIR DUCTWORK COMPLETE AS REQUIRED.
- 17. REMOVE EXISTING ROOF MOUNTED OUTSIDE AIR INTAKE HOOD AND ASSOCIATED OUTSIDE AIR INTAKE DUCTWORK, DAMPER, CONTROLS, ETC. COMPLETE AS REQUIRED.
- 18. REMOVE EXISTING HOT WATER UNIT HEATER AND ASSOCIATED HOT WATER SUPPLY AND RETURN PIPING. THERMOSTAT, CONTROLS, ELECTRICAL CONNECTIONS, ETC. COMPLETE AS REQUIRED.
- 19. REMOVE EXISTING ROOF MOUNTED EXHAUST FAN AND ASSOCIATED DUCTWORK, GRILLES, CONTROLS, ELECTRICAL CONNECTIONS, ETC. COMPLETE AS REQUIRED. EXISTING ROOF CURB TO REMAIN ABANDONED - PROVIDE NEW INSULATED (MIN R-30 INS.) GALYANIZED SHEETMETAL CURB CAP AND SEAL WEATHERTIGHT.
- 20. REMOVE EXISTING ROOF MOUNTED EXHAUST FAN AND ASSOCIATED EXHAUST DUCT, EXHAUST GRILLE, CONTROLS, ELECTRICAL CONNECTIONS, ETC COMPLETE AS REQUIRED. EXISTING ROOF CURB TO REMAIN FOR NEW FAN INSTALLATION - PROVIDE NEW CURB ADAPTER I REQUIRED.
- 21. EXISTING RELIEF AIR GRILLE, DUCTWORK, AND ROOF MOUNTED HOOD TO REMAIN. CHECK PROPER OPERATION OF BAROMETRIC RELIEF DAMPER AND REPLACE IF NECESSARY COMPLETE AS REQUIRED.



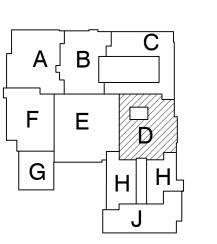
**GIBRALTAR** 

DESIGN ARCHITECTURE • ENGINEERING • INTERIOR DESIGN

LIBERTY

INTERMEDIATE SCHOOL -**ADDITIONS & RENOVATIONS** 

DUNELAND SCHOOL CORPORATION CHESTERTON, INDIANA



**KEY PLAN** 

GIBRALTAR DESIGN 9102 N. Meridian St., Ste. 300 Indianapolis, IN 46260 Homepage www.GibraltarDesign.com

Phone 317.580.5777 Fax 317.580.5778

Email info@GibraltarDesign.com

04/25/22 COORDINATED DRAWN BY

CHECKED B

COPYRIGHT NOTICE: THE CONCEPTS, DESIGNS, PLANS, DETAILS, ETC, SHOWN ON THIS DOCUMENT ARE THE PROPERTY OF GIBRALTAR DESIGN AND WERE CREATED FOR USE ON THIS SPECIFIC PROJECT. NONE OF THIS INFORMATION SHALL BE USED BY ANY PERSON OR FIRM FOR ANY PURPOSE WITHOUT THE EXPRESS WRITTEN CONSENT OF GIBRALTAR DESIGN. THE OWNER MAY RETAIN COPIES FOR INFORMATION AND REFERENCE IN CONNECTION ONLY WITH THIS

REVIS	IONS	
MARK	DATE	ISSUED FOR
AD-7	06/06/22	ADDENDUM NO. 7

DRAWING

UNIT "D" MECHANICAL FIRST FLOOR DEMOLITION PLAN

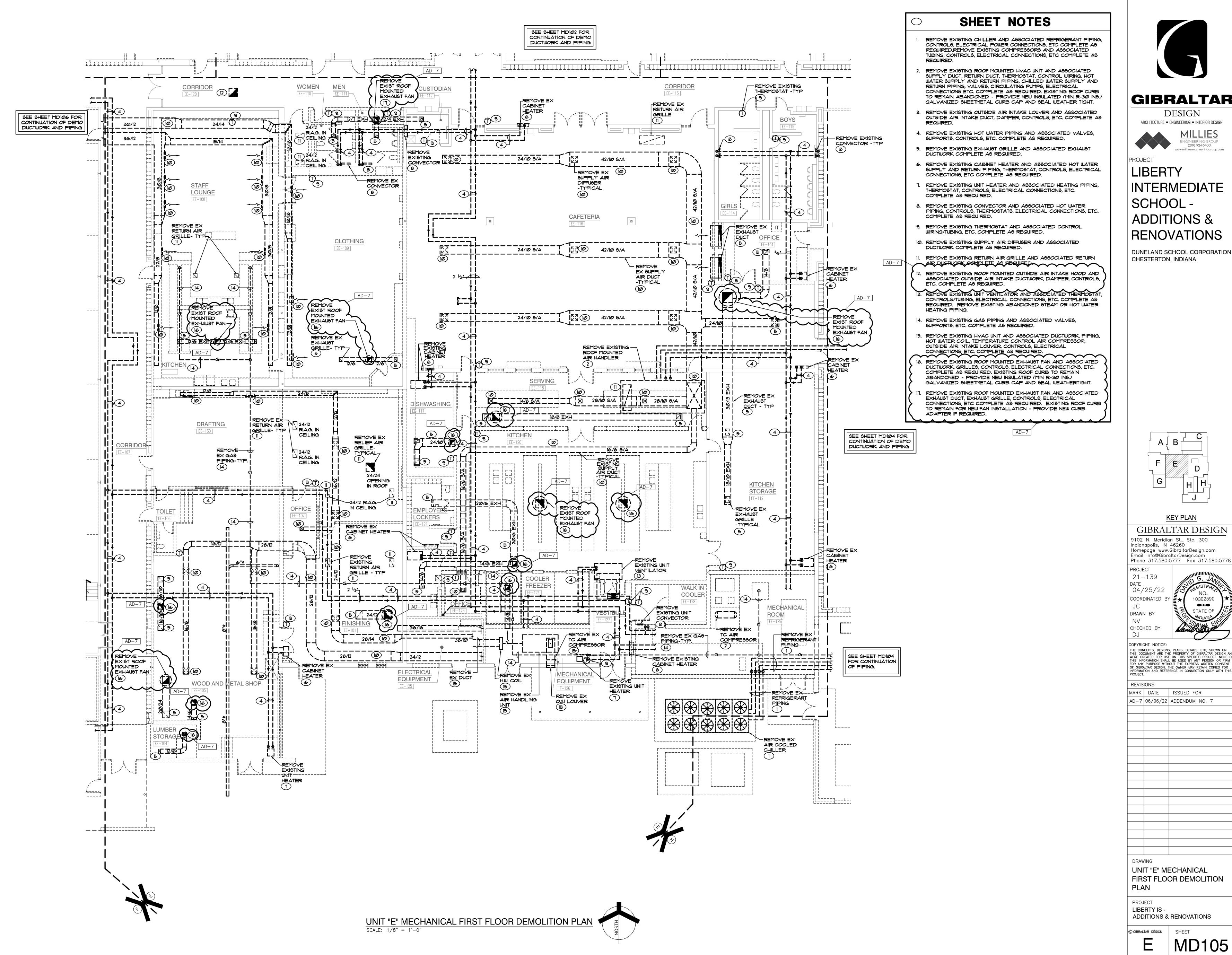
PROJECT LIBERTY IS -ADDITIONS & RENOVATIONS

) GIBRALTAR DESIGN

Copyright © 2022 Millies Engineering Group

MD104

UNIT "D" MECHANICAL FIRST FLOOR DEMOLITION PLAN

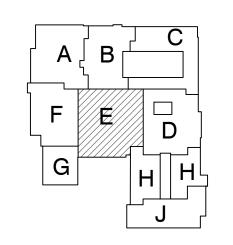






LIBERTY INTERMEDIATE SCHOOL -**ADDITIONS &** RENOVATIONS

DUNELAND SCHOOL CORPORATION CHESTERTON, INDIANA



**KEY PLAN** 

GIBRALTAR DESIGN 9102 N. Meridian St., Ste. 300 Indianapolis, IN 46260 Homepage www.GibraltarDesign.com Email info@GibraltarDesign.com

04/25/22 COORDINATED DRAWN BY

CHECKED BY COPYRIGHT NOTICE: THE CONCEPTS, DESIGNS, PLANS, DETAILS, ETC, SHOWN ON THIS DOCUMENT ARE THE PROPERTY OF GIBRALTAR DESIGN AND WERE CREATED FOR USE ON THIS SPECIFIC PROJECT. NONE OF THIS INFORMATION SHALL BE USED BY ANY PERSON OR FIRM FOR ANY PURPOSE WITHOUT THE EXPRESS WRITTEN CONSENT OF GIBRALTAR DESIGN. THE OWNER MAY RETAIN COPIES FOR

MARK DATE ISSUED FOR |AD-7|06/06/22|ADDENDUM NO. 7

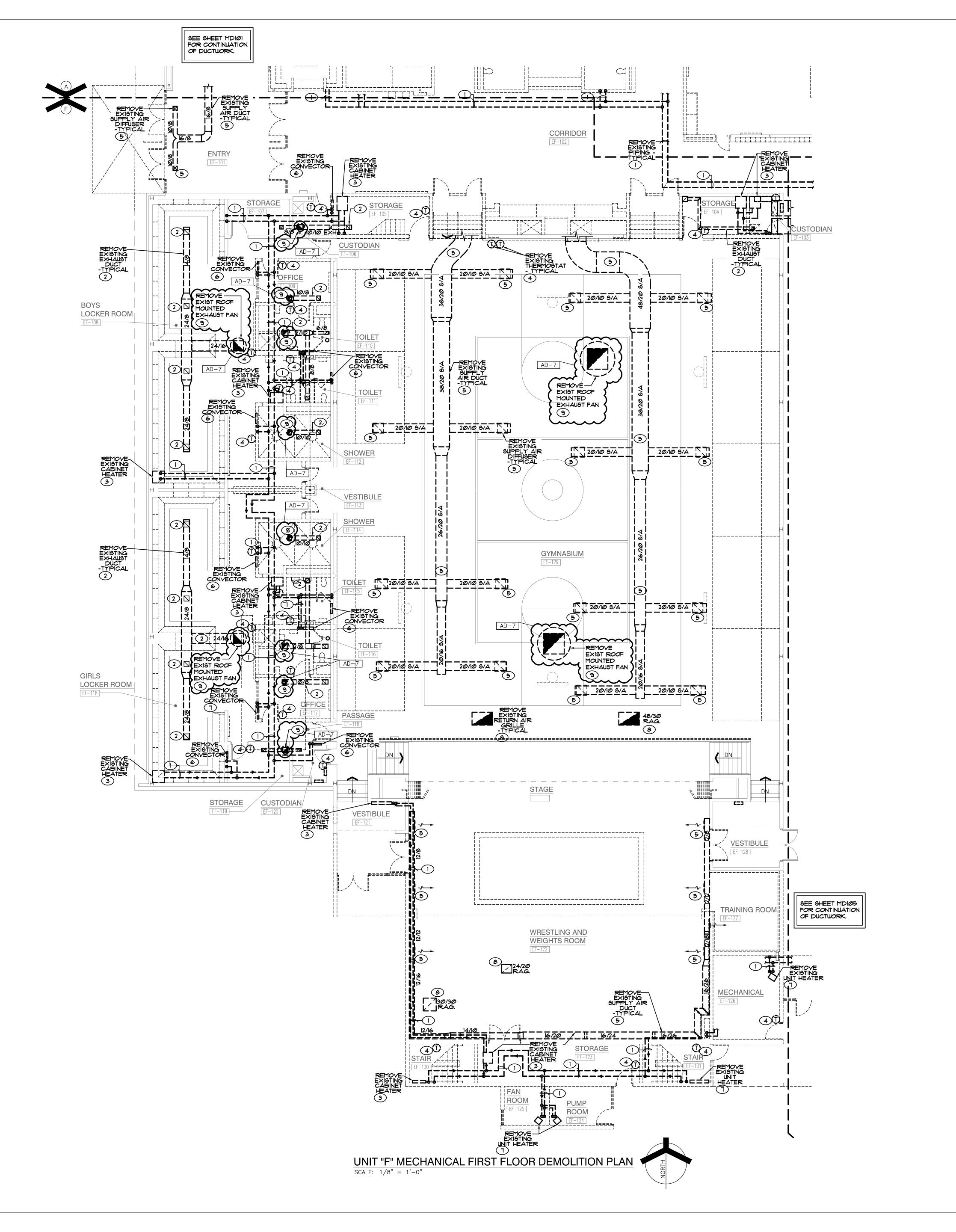
UNIT "E" MECHANICAL FIRST FLOOR DEMOLITION

LIBERTY IS -ADDITIONS & RENOVATIONS

Copyright © 2022 Millies Engineering Group

GIBRALTAR DESIGN SHEET

MD105



 REMOVE EXISTING HOT WATER SUPPLY AND RETURN PIPING AND ASSOCIATED VALVES, SUPPORTS, CONTROLS, ETC. COMPLETE AS REQUIRED.

- 2. REMOVE EXISTING EXHAUST GRILLE AND ASSOCIATED EXHAUST DUCTWORK COMPLETE AS REQUIRED.
- 3. REMOVE EXISTING CABINET HEATER AND ASSOCIATED HOT WATER SUPPLY AND RETURN PIPING, THERMOSTAT, CONTROLS, ELECTRICAL CONNECTIONS, ETC COMPLETE AS REQUIRED
- 4. REMOVE EXISTING THERMOSTAT AND ASSOCIATED CONTROL WIRING, TUBING, ETC. COMPLETE AS REQUIRED.
- 5. REMOVE EXISTING SUPPLY AIR DIFFUSER AND ASSOCIATED SUPPLY AIR DUCTWORK COMPLETE AS REQUIRED.
- 6. REMOVE EXISTING CONVECTOR AND ASSOCIATED HOT WATER PIPING, CONTROLS, THERMOSTATS, ELECTRICAL CONNECTIONS, ETC. COMPLETE AS REQUIRED.
- . REMOVE EXISTING UNIT HEATER AND ASSOCIATED HOT WATER PIPING, THERMOSTAT, CONTROLS, ELECTRICAL CONNECTIONS, ETC. COMPLETE AS REQUIRED.
- 8. REMOVE EXISTING RETURN AIR GRILLE AND ASSOCIATED RETURN AIR DUCTWORK COMPLETE AS REQUIRED.

  9. REMOVE EXISTING ROOF MOUNTED EXHAUST FAN AND ASSOCIATED DUCTWORK, GRILLES, CONTROLS, ELECTRICAL CONNECTIONS, ETC. COMPLETE AS REQUIRED. EXISTING ROOF CURB TO REMAIN ABANDONED PROVIDE NEW INSULATED (MIN R-30 INS.) GALYANIZED SHEETMETAL CURB CAP AND SEAL WEATHERTIGHT.

[AD-/]



**GIBRALTAR** 

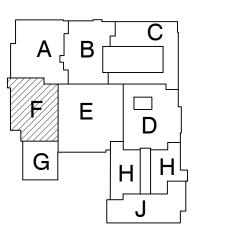
 $DESIGN \\ \text{ARCHITECTURE} \bullet \text{ENGINEERING} \bullet \text{INTERIOR DESIGN}$ 

MILLIES
ENGINEERING GROUP
(219) 924-8400
www.milliesengineeringgroup.cc

PROJECT
LIBERTY

INTERMEDIATE
SCHOOL ADDITIONS &
RENOVATIONS

DUNELAND SCHOOL CORPORATION CHESTERTON, INDIANA



KEY PLAN

GIBRALTAR 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
21-139
DATE
04/25/22
COORDINATED BY
JC
DRAWN BY

DRAWN BY
NV
CHECKED BY
DJ

COPYRIGHT NOTICE:

COPYRIGHT NOTICE:

THE CONCEPTS, DESIGNS, PLANS, DETAILS, ETC, SHOWN ON THIS DOCUMENT ARE THE PROPERTY OF GIBRALTAR DESIGN AND WERE CREATED FOR USE ON THIS SPECIFIC PROJECT. NONE OF THIS INFORMATION SHALL BE USED BY ANY PERSON OR FIRM FOR ANY PURPOSE WITHOUT THE EXPRESS WRITTEN CONSENT OF GIBRALTAR DESIGN. THE OWNER MAY RETAIN COPIES FOR INFORMATION AND REFERENCE IN CONNECTION ONLY WITH THIS PROJECT.

REVIS	IONS	
MARK	DATE	ISSUED FOR
AD-7	06/06/22	ADDENDUM NO. 7

DRAWING

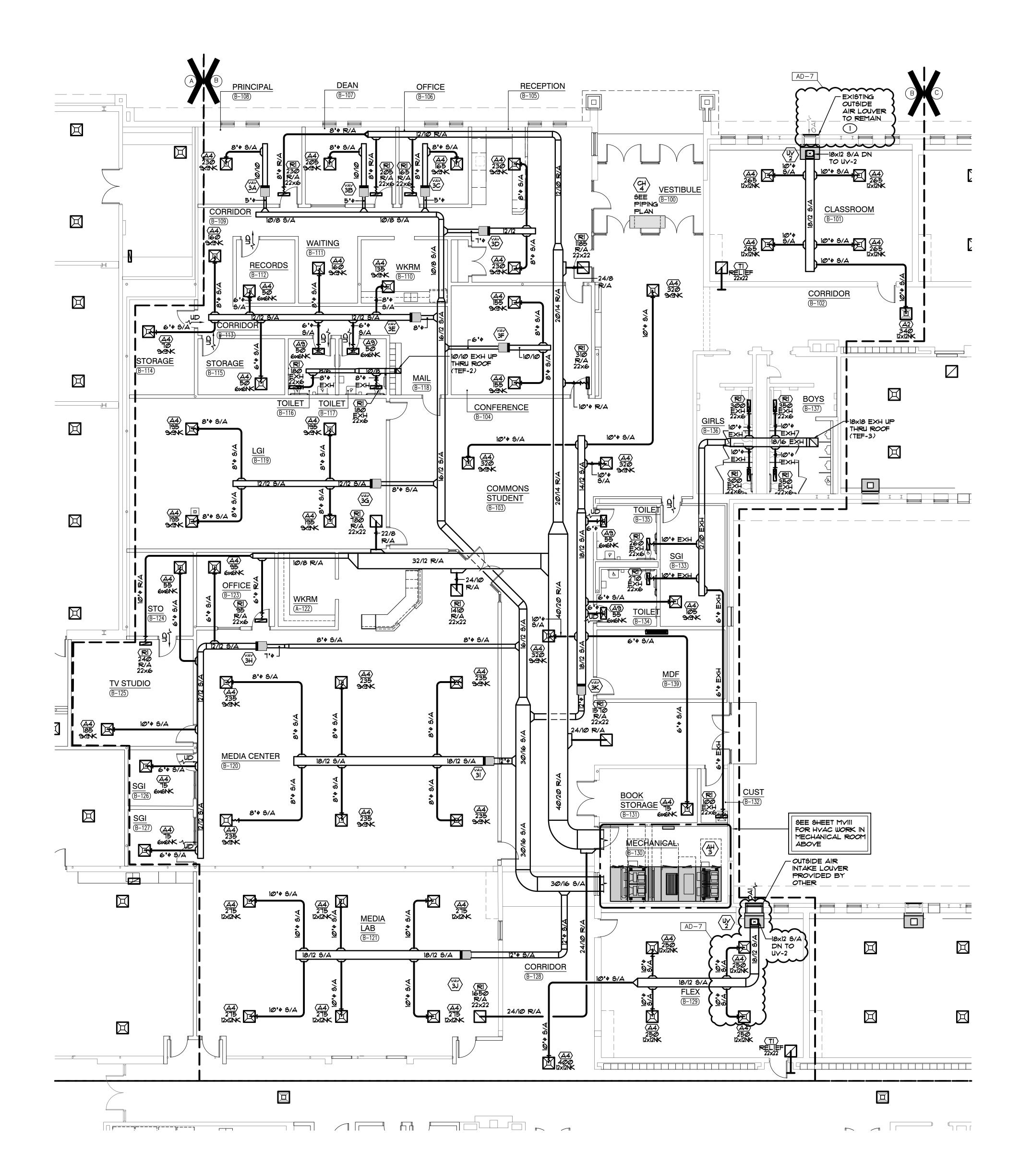
UNIT "F" MECHANICAL
FIRST FLOOR DEMOLITION
PLAN

PROJECT
LIBERTY IS ADDITIONS & RENOVATIONS

) GIBRALTAR DESIGN

Copyright © 2022 Millies Engineering Group

MD106





EXISTING OUTSIDE AIR INTAKE LOUVER AND OUTSIDE AIR DUCTWORK TO REMAIN. PROVIDE UNIT VENTILATOR WITH 8" FALSEBACK PANEL AND CONNECT NEW UNIT VENTILATOR TO EXISTING OUTSIDE AIR DUCTWORK PLENUM COMPLETE AS

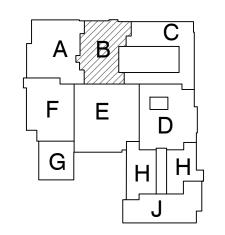


**GIBRALTAR** 



**LIBERTY** INTERMEDIATE SCHOOL -**ADDITIONS & RENOVATIONS** 

DUNELAND SCHOOL CORPORATION CHESTERTON, INDIANA



KEY PLAN

GIBRALTAR 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

04/25/22 COORDINATED DRAWN B'

COPYRIGHT NOTICE: THE CONCEPTS, DESIGNS, PLANS, DETAILS, ETC, SHOWN ON THIS DOCUMENT ARE THE PROPERTY OF GIBRALTAR DESIGN AND WERE CREATED FOR USE ON THIS SPECIFIC PROJECT. NONE OF THIS INFORMATION SHALL BE USED BY ANY PERSON OR FIRM FOR ANY PURPOSE WITHOUT THE EXPRESS WRITTEN CONSENT OF GIBRALTAR DESIGN. THE OWNER MAY RETAIN COPIES FOR INFORMATION AND REFERENCE IN CONNECTION ONLY WITH THIS PROJECT.

REVIS	1	
MARK	DATE	ISSUED FOR
AD-7	06/06/22	ADDENDUM NO. 7

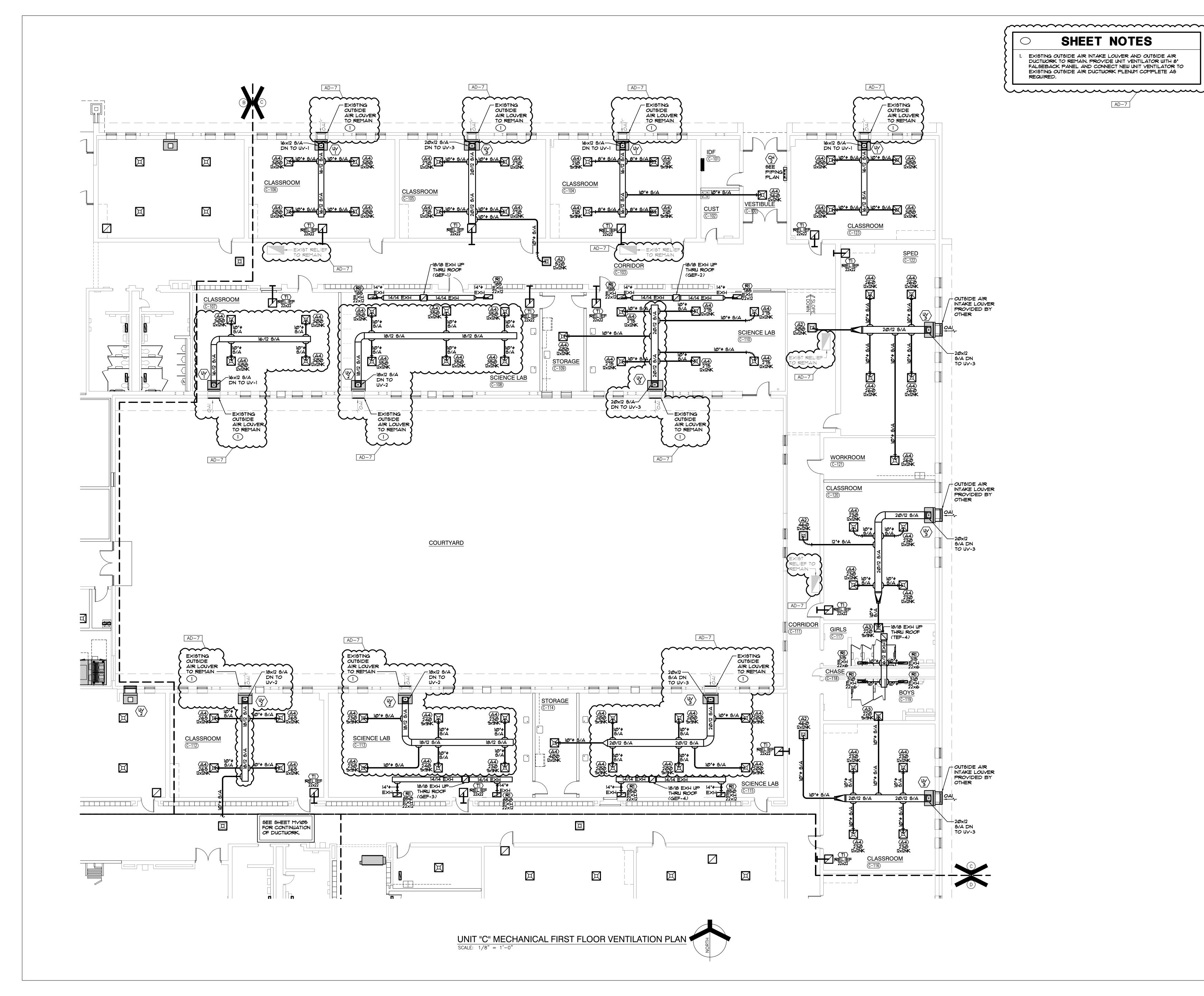
UNIT "B" MECHANICAL

FIRST FLOOR **VENTILATION PLAN** 

PROJECT LIBERTY IS -ADDITIONS & RENOVATIONS

© GIBRALTAR DESIGN SHEET MV102

В

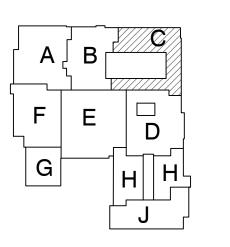




DESIGN ARCHITECTURE ● ENGINEERING ● INTERIOR DESIGN

LIBERTY INTERMEDIATE SCHOOL -**ADDITIONS &** RENOVATIONS

DUNELAND SCHOOL CORPORATION CHESTERTON, INDIANA



**KEY PLAN** 

GIBRALTAR 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

04/25/22 DRAWN B'

CHECKED BY COPYRIGHT NOTICE: THE CONCEPTS, DESIGNS, PLANS, DETAILS, ETC, SHOWN ON THIS DOCUMENT ARE THE PROPERTY OF GIBRALTAR DESIGN AND WERE CREATED FOR USE ON THIS SPECIFIC PROJECT. NONE OF THIS INFORMATION SHALL BE USED BY ANY PERSON OR FIRM FOR ANY PURPOSE WITHOUT THE EXPRESS WRITTEN CONSENT OF GIBRALTAR DESIGN. THE OWNER MAY RETAIN COPIES FOR INFORMATION AND REFERENCE IN CONNECTION ONLY WITH THIS PROJECT

REVIS	IONS	
MARK	DATE	ISSUED FOR
AD-7	06/06/22	ADDENDUM NO. 7

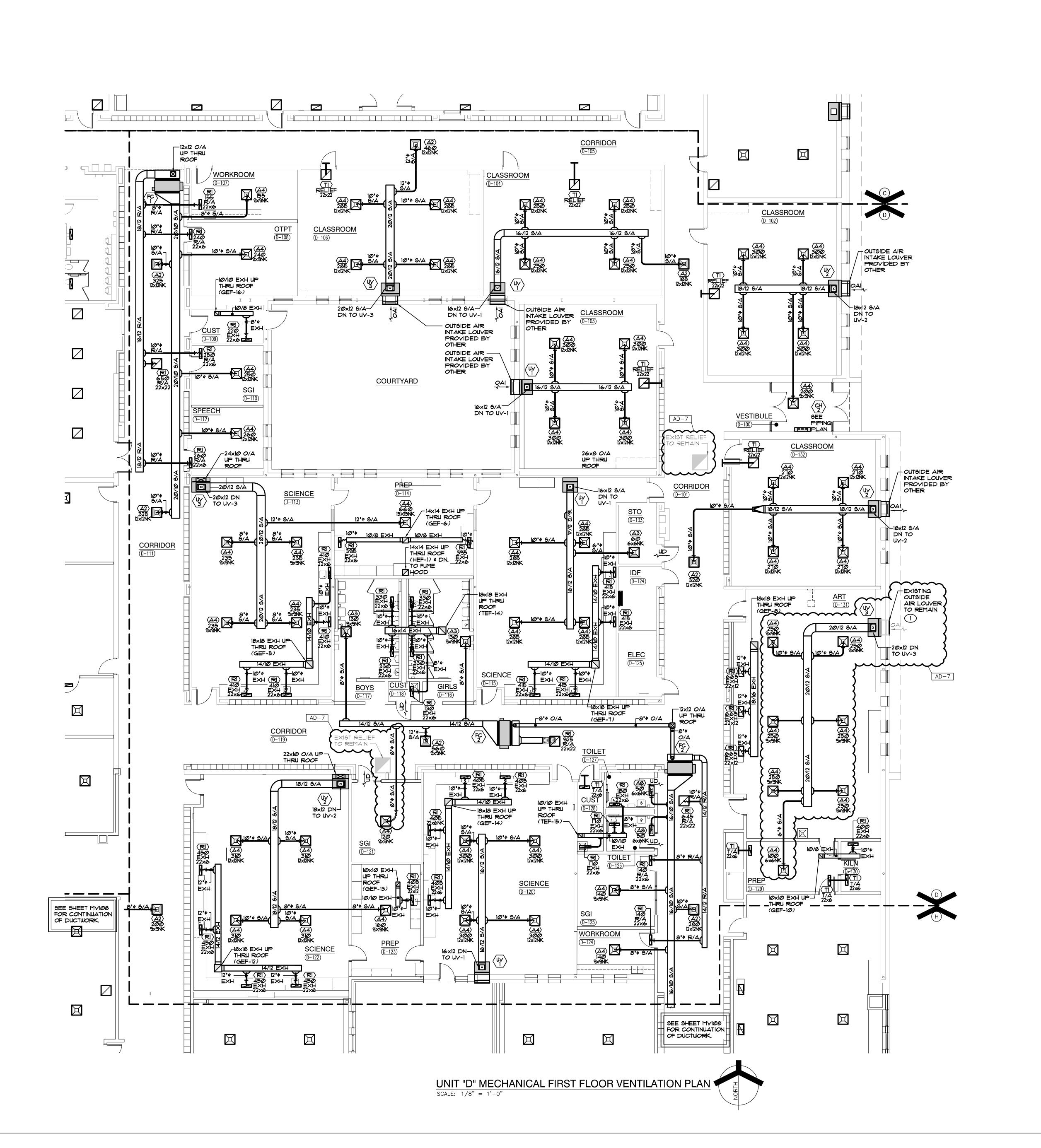
DRAWING

UNIT "C" MECHANICAL FIRST FLOOR **VENTILATION PLAN** 

LIBERTY IS -ADDITIONS & RENOVATIONS

Copyright © 2022 Millies Engineering Group

MV103



EXISTING OUTSIDE AIR INTAKE LOUVER AND OUTSIDE AIR DUCTWORK TO REMAIN. PROVIDE UNIT VENTILATOR WITH 8" FALSEBACK PANEL AND CONNECT NEW UNIT VENTILATOR TO EXISTING OUTSIDE AIR DUCTWORK PLENUM COMPLETE AS



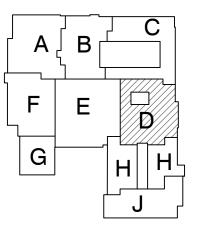
**GIBRALTAR** 

DESIGN

ARCHITECTURE • ENGINEERING • INTERIOR DESIGN

**LIBERTY** INTERMEDIATE SCHOOL -**ADDITIONS &** RENOVATIONS

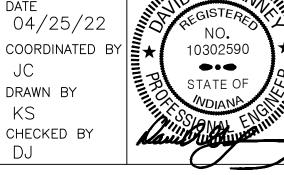
DUNELAND SCHOOL CORPORATION CHESTERTON, INDIANA



**KEY PLAN** 

GIBRALTAR 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

04/25/22 COORDINATED DRAWN B'



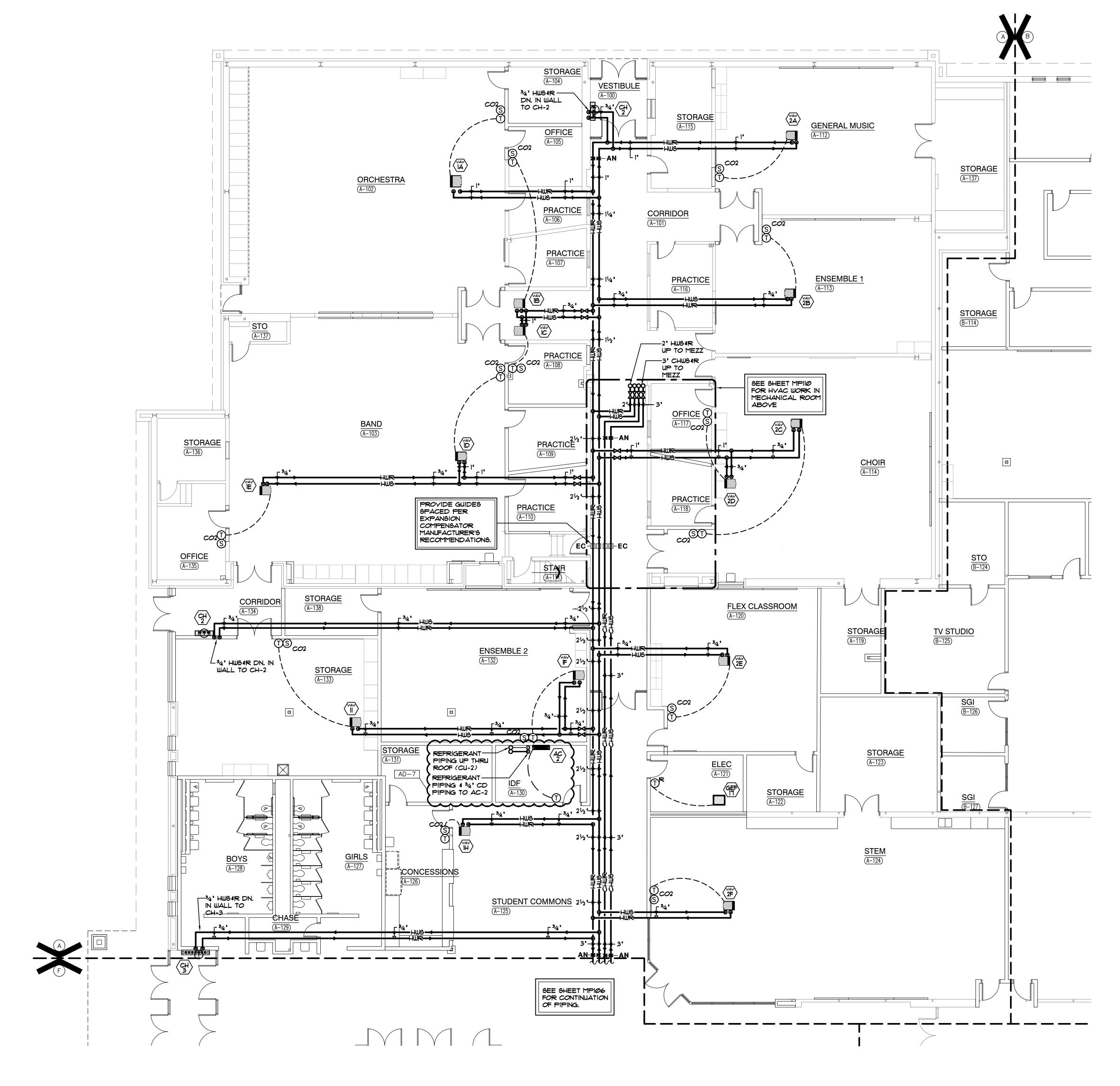
COPYRIGHT NOTICE: THE CONCEPTS, DESIGNS, PLANS, DETAILS, ETC, SHOWN ON THIS DOCUMENT ARE THE PROPERTY OF GIBRALTAR DESIGN AND WERE CREATED FOR USE ON THIS SPECIFIC PROJECT. NONE OF THIS INFORMATION SHALL BE USED BY ANY PERSON OR FIRM FOR ANY PURPOSE WITHOUT THE EXPRESS WRITTEN CONSENT OF GIBRALTAR DESIGN. THE OWNER MAY RETAIN COPIES FOR INFORMATION AND REFERENCE IN CONNECTION ONLY WITH THIS PROJECT.

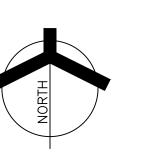
REVIS	IONS	
MARK	DATE	ISSUED FOR
AD-7	06/06/22	ADDENDUM NO. 7

UNIT "D" MECHANICAL FIRST FLOOR **VENTILATION PLAN** 

LIBERTY IS -ADDITIONS & RENOVATIONS

MV104





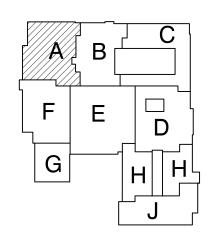


DESIGN



**LIBERTY** INTERMEDIATE SCHOOL -ADDITIONS & RENOVATIONS

DUNELAND SCHOOL CORPORATION CHESTERTON, INDIANA



**KEY PLAN** 

GIBRALTAR 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

04/25/22 COORDINATED DRAWN BY

CHECKED BY COPYRIGHT NOTICE:

THE CONCEPTS, DESIGNS, PLANS, DETAILS, ETC, SHOWN ON THIS DOCUMENT ARE THE PROPERTY OF GIBRALTAR DESIGN AND WERE CREATED FOR USE ON THIS SPECIFIC PROJECT. NONE OF THIS INFORMATION SHALL BE USED BY ANY PERSON OR FIRM FOR ANY PURPOSE WITHOUT THE EXPRESS WRITTEN CONSENT OF GIBRALTAR DESIGN. THE OWNER MAY RETAIN COPIES FOR INFORMATION AND REFERENCE IN CONNECTION ONLY WITH THIS PROJECT.

REVIS	IONS	
MARK	DATE	ISSUED FOR
AD-7	06/06/22	ADDENDUM NO. 7

UNIT "A" MECHANICAL FIRST FLOOR PIPING PLAN

LIBERTY IS -ADDITIONS & RENOVATIONS

Copyright © 2022 Millies Engineering Group

© GIBRALTAR DESIGN SHEET

MP101



1. EXTEND CONDENSATE PIPING FROM UNIT THRU WALL. TERMINATE WITH 45 DEGREE ELBOW DOWN TO GRADE. SLEEVE AND SEAL PIPE THROUGH WALL PENETRATION WEATHERTIGHT.





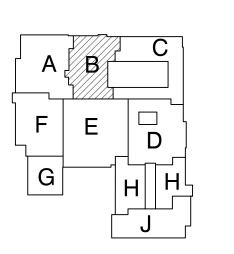
ARCHITECTURE • ENGINEERING • INTERIOR DESIGN



PROJECT
LIBERTY
INTERMEDIAT

INTERMEDIATE SCHOOL -ADDITIONS & RENOVATIONS

DUNELAND SCHOOL CORPORATION CHESTERTON, INDIANA



KEY PLAN

GIBRALTAR 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

21-139

DATE

04/25/22

COORDINATED BY

O4/25/22

COORDINATED BY
JC
DRAWN BY
KS
CHECKED BY
DJ

COPYRIGHT NOTICE:

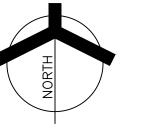
THE CONCEPTS, DESIGNS, PLANS, DETAILS, ETC, SHOWN ON THIS DOCUMENT ARE THE PROPERTY OF GIBRALTAR DESIGN AND WERE CREATED FOR USE ON THIS SPECIFIC PROJECT. NONE OF THIS INFORMATION SHALL BE USED BY ANY PERSON OR FIRM FOR ANY PURPOSE WITHOUT THE EXPRESS WRITTEN CONSENT OF GIBRALTAR DESIGN. THE OWNER MAY RETAIN COPIES FOR INFORMATION AND REFERENCE IN CONNECTION ONLY WITH THIS PROJECT.

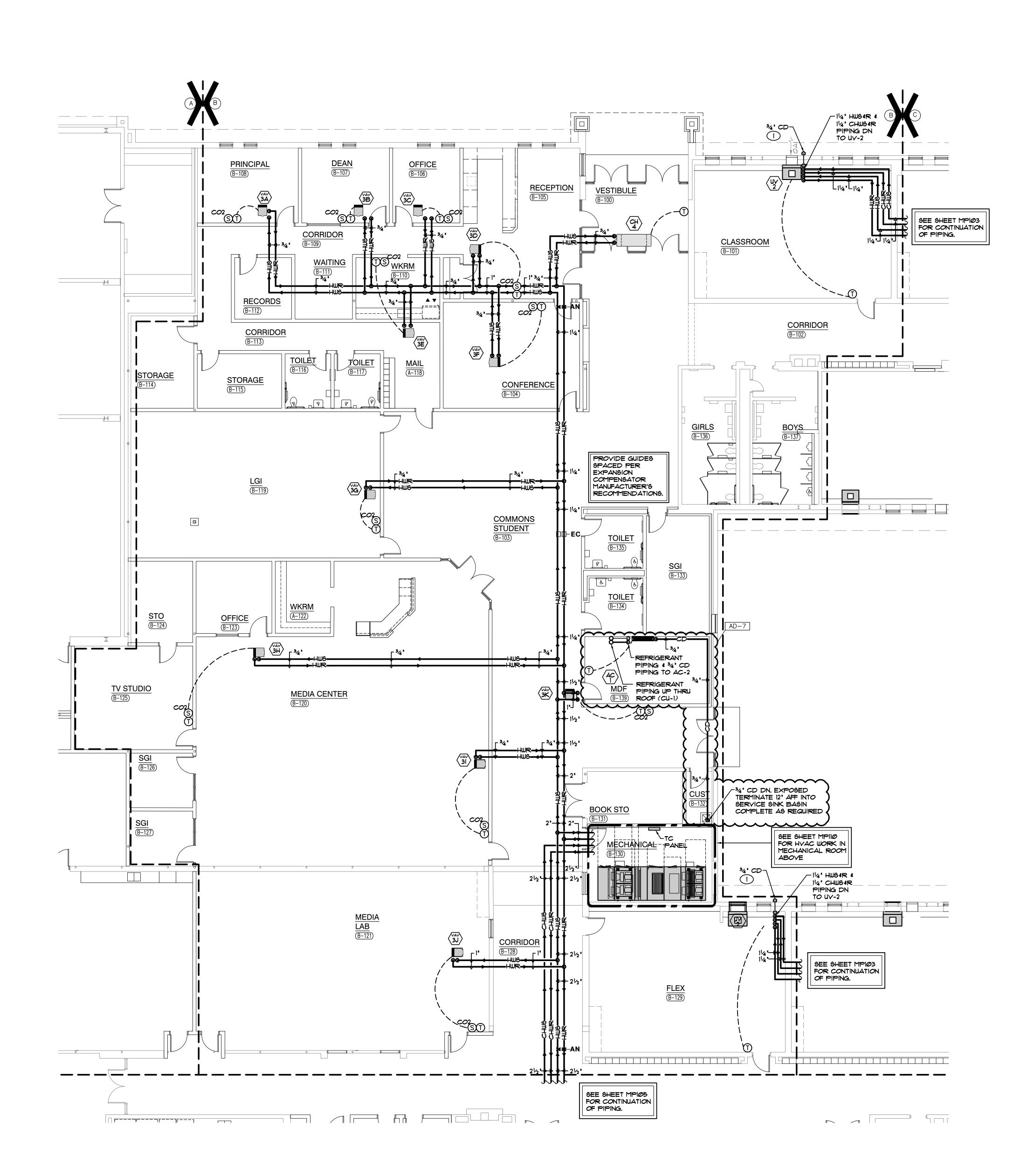
REVIS		T		
MARK	DATE	ISSUED FO	DR	
AD-7	06/06/22	ADDENDUM	NO.	7

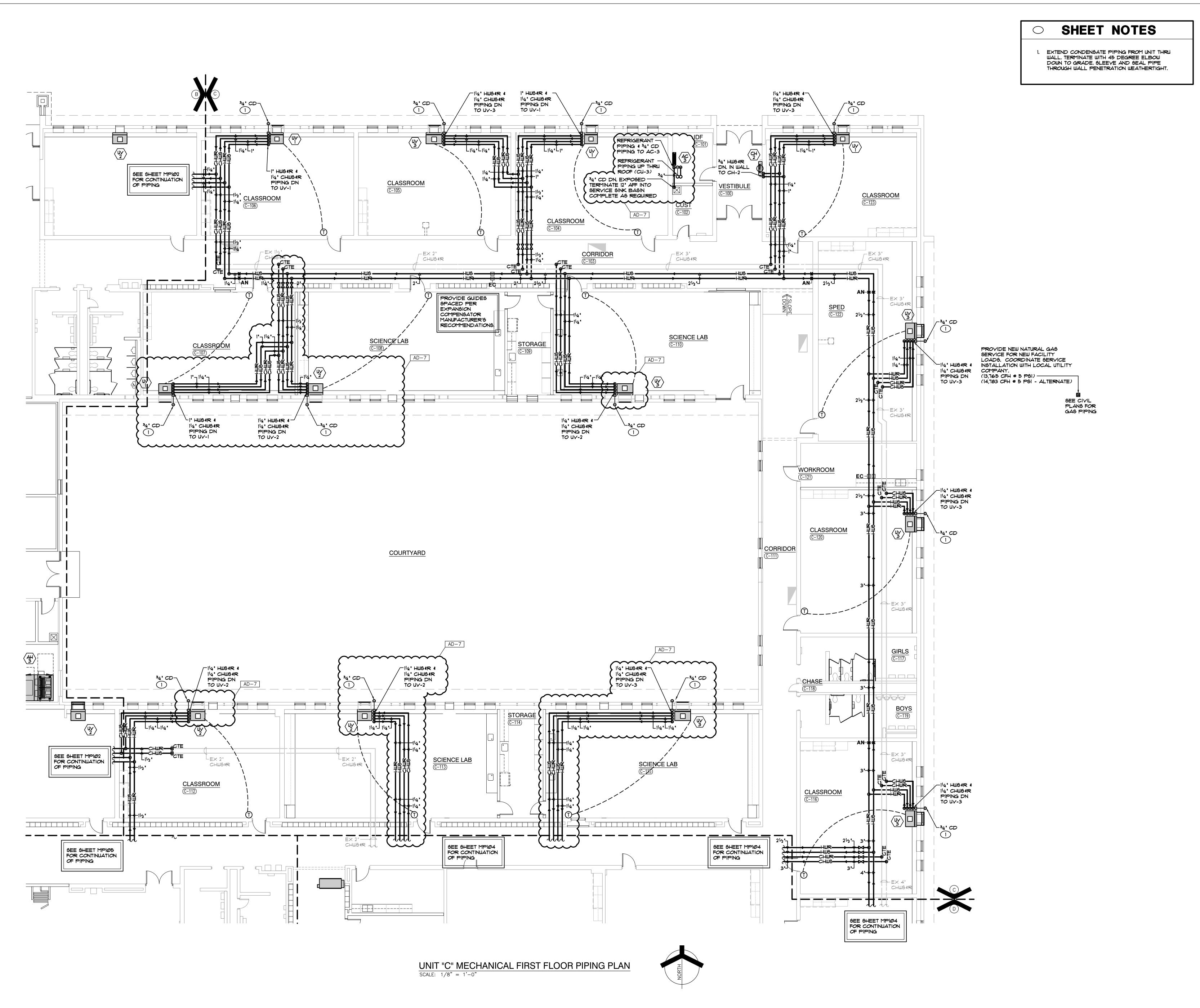
UNIT "B" MECHANICAL
FIRST FLOOR PIPING PLAN

PROJECT
LIBERTY IS ADDITIONS & RENOVATIONS

© GIBRALTAR DESIGN SHEET MP102









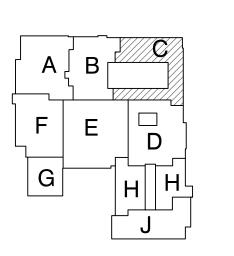
DESIGN

ARCHITECTURE • ENGINEERING • INTERIOR DESIGN

ENGINEERING GR (219) 924-8400 www.milliesengineeringg

LIBERTY
INTERMEDIATE
SCHOOL ADDITIONS &
RENOVATIONS

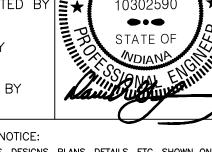
DUNELAND SCHOOL CORPORATION CHESTERTON, INDIANA



KEY PLAN

GIBRALTAR 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
21-139
DATE
04/25/22
COORDINATED BY
JC
DRAWN BY
KS



COPYRIGHT NOTICE:

THE CONCEPTS, DESIGNS, PLANS, DETAILS, ETC, SHOWN ON THIS DOCUMENT ARE THE PROPERTY OF GIBRALTAR DESIGN AND WERE CREATED FOR USE ON THIS SPECIFIC PROJECT. NONE OF THIS INFORMATION SHALL BE USED BY ANY PERSON OR FIRM FOR ANY PURPOSE WITHOUT THE EXPRESS WRITTEN CONSENT OF GIBRALTAR DESIGN. THE OWNER MAY RETAIN COPIES FOR INFORMATION AND REFERENCE IN CONNECTION ONLY WITH THIS PROJECT.

KEVI2	ION2	
MARK	DATE	ISSUED FOR
AD-7	06/06/22	ADDENDUM NO. 7

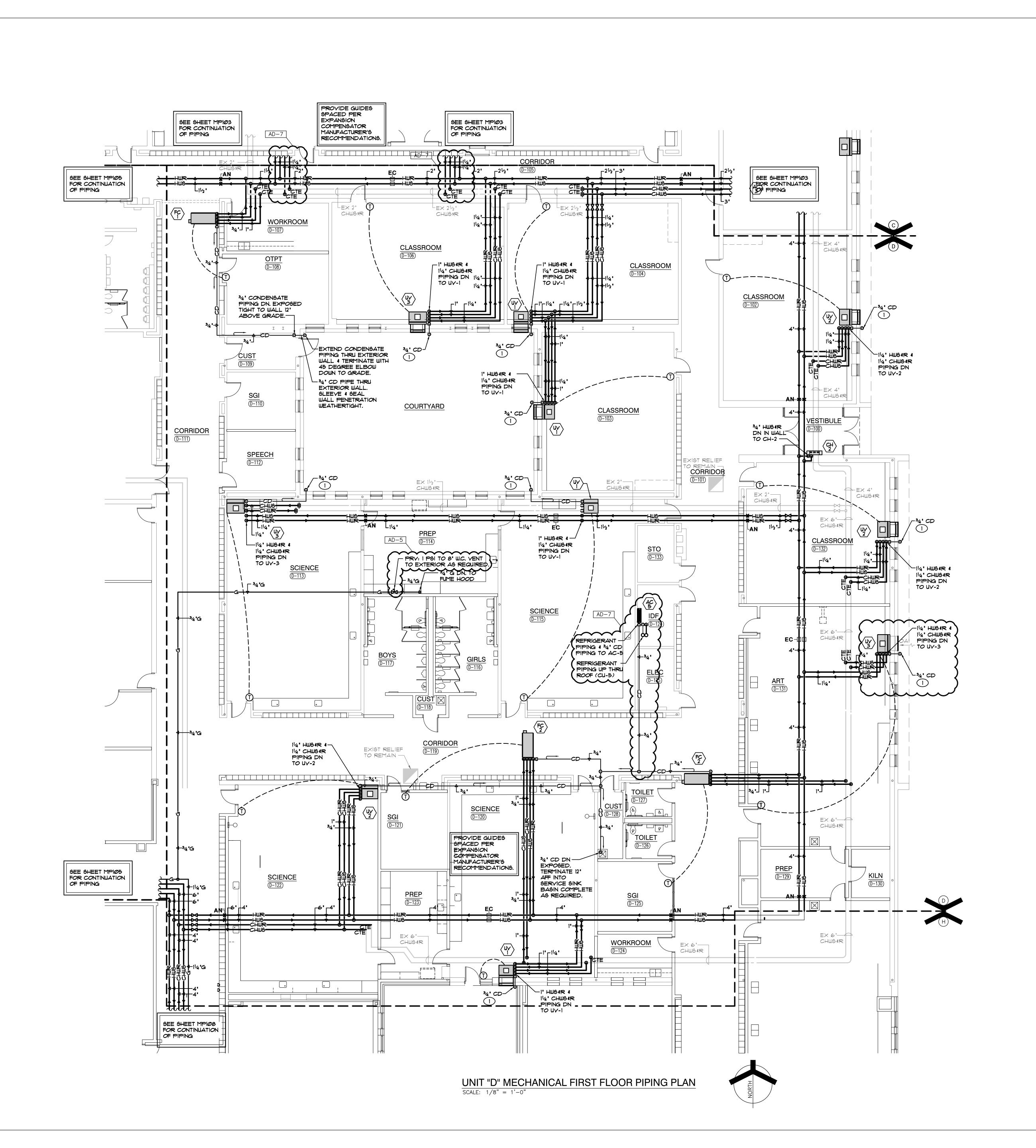
UNIT "C" MECHANICAL
FIRST FLOOR PIPING PLAN

PROJECT
LIBERTY IS ADDITIONS & RENOVATIONS

GIBRALTAR DESIGN

Copyright © 2022 Millies Engineering Group

MP103



 EXTEND CONDENSATE PIPING FROM UNIT THRU WALL. TERMINATE WITH 45 DEGREE ELBOW DOWN TO GRADE. SLEEVE AND SEAL PIPE THROUGH WALL PENETRATION WEATHERTIGHT.



**GIBRALTAR** 

DESIGN

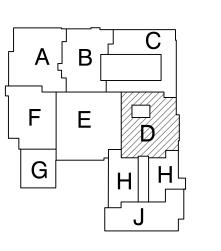
ARCHITECTURE • ENGINEERING • INTERIOR DESIGN



(219) 924-8400 www.milliesengineeringg

LIBERTY
INTERMEDIATE
SCHOOL ADDITIONS &
RENOVATIONS

DUNELAND SCHOOL CORPORATION CHESTERTON, INDIANA



KEY PLAN

GIBRALTAR 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

10302590

PROJECT
21-139
DATE
04/25/22
COORDINATED BY
JC
DRAWN BY

DRAWN BY

KS

CHECKED BY

DJ

COPYRIGHT NOTICE:

THE CONCEPTS, DESIGNS, PLANS, DETAILS, ETC, SHOWN ON THIS DOCUMENT ARE THE PROPERTY OF GIBRALTAR DESIGN AND WERE CREATED FOR USE ON THIS SPECIFIC PROJECT. NONE OF THIS INFORMATION SHALL BE USED BY ANY PERSON OR FIRM FOR ANY PURPOSE WITHOUT THE EXPRESS WRITTEN CONSENT OF GIBRALTAR DESIGN. THE OWNER MAY RETAIN COPIES FOR INFORMATION AND REFERENCE IN CONNECTION ONLY WITH THIS PROJECT.

OF GIBRALTAR DESIGN. THE OWNER MAY RETAIN COPIES INFORMATION AND REFERENCE IN CONNECTION ONLY WITH PROJECT.

REVISIONS

MARK DATE ISSUED FOR

AD-5 05/23/22 ADDENDUM NO. 5

AD-7 06/06/22 ADDENDUM NO. 7

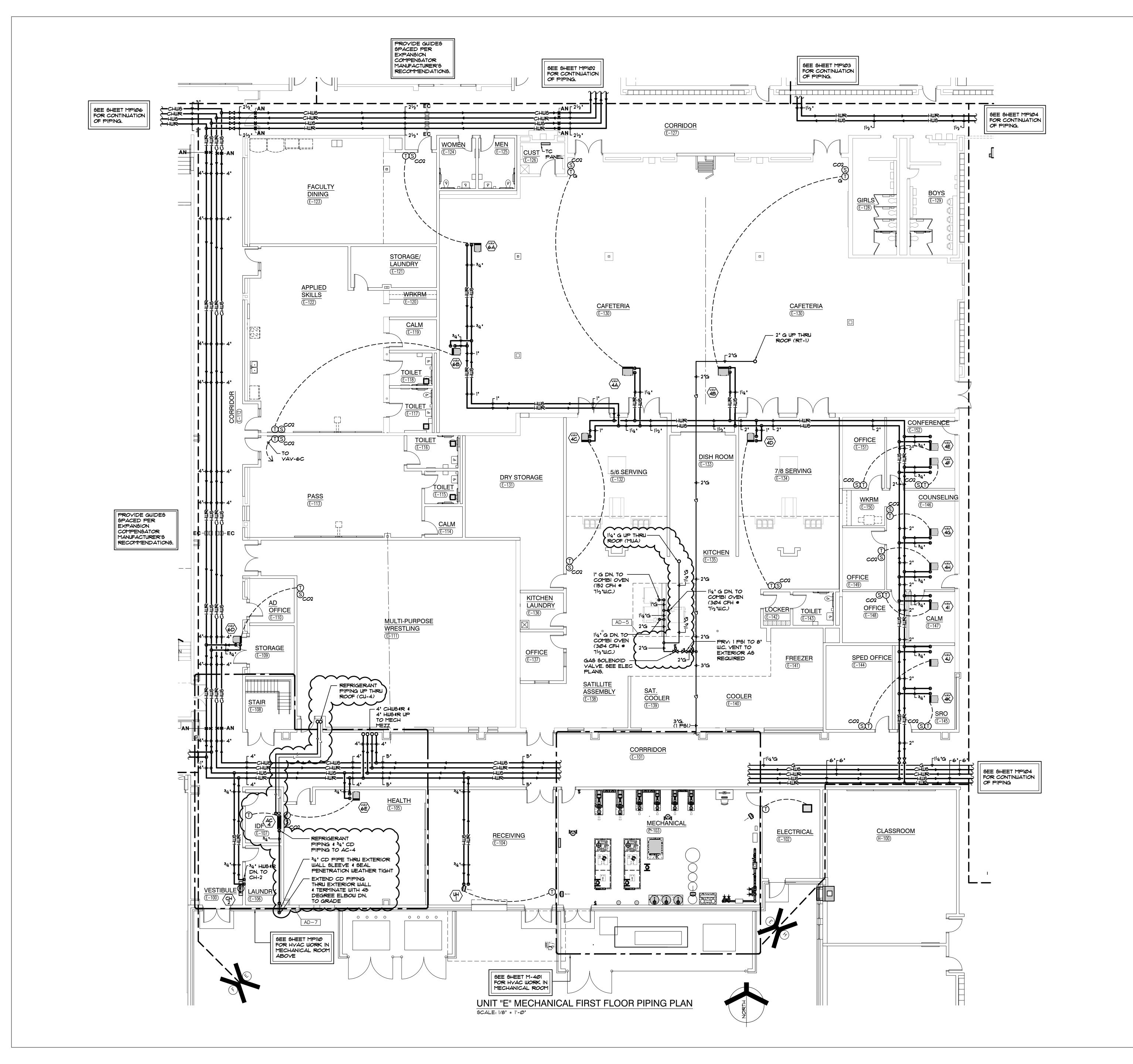
AD-5	05/23/22	ADDENDUM	NO.	5
AD-7	06/06/22	ADDENDUM	NO.	7
55.11				

UNIT "D" MECHANICAL
FIRST FLOOR PIPING PLAN

PROJECT
LIBERTY IS ADDITIONS & RENOVATIONS

D MP104

Copyright © 2022 Millies Engineering Group

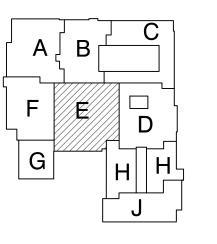






**LIBERTY** INTERMEDIATE SCHOOL -**ADDITIONS & RENOVATIONS** 

DUNELAND SCHOOL CORPORATION CHESTERTON, INDIANA



**KEY PLAN** 

GIBRALTAR 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

04/25/22 COORDINATED DRAWN BY

10302590 CHECKED BY

COPYRIGHT NOTICE: THE CONCEPTS, DESIGNS, PLANS, DETAILS, ETC, SHOWN ON THIS DOCUMENT ARE THE PROPERTY OF GIBRALTAR DESIGN AND WERE CREATED FOR USE ON THIS SPECIFIC PROJECT. NONE OF THIS INFORMATION SHALL BE USED BY ANY PERSON OR FIRM FOR ANY PURPOSE WITHOUT THE EXPRESS WRITTEN CONSENT OF GIBRALTAR DESIGN. THE OWNER MAY RETAIN COPIES FOR INFORMATION AND REFERENCE IN CONNECTION ONLY WITH THIS PROJECT.

REVIS	IONS	
MARK	DATE	ISSUED FOR
AD-5	05/23/22	ADDENDUM NO. 5
AD-7	06/06/22	ADDENDUM NO. 7

DRAWING

UNIT "E" MECHANICAL FIRST FLOOR PIPING PLAN

LIBERTY IS -ADDITIONS & RENOVATIONS

© GIBRALTAR DESIGN SHEET

Copyright © 2022 Millies Engineering Group

MP105



1. EXTEND CONDENSATE PIPING FROM UNIT THRU WALL. TERMINATE WITH 45 DEGREE ELBOW DOWN TO GRADE. SLEEVE AND SEAL PIPE THROUGH WALL PENETRATION WEATHERTIGHT.



GIBRALTAR

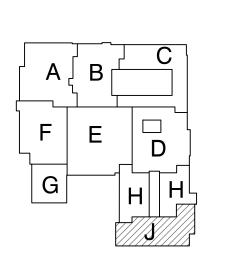
DESIGN ARCHITECTURE • ENGINEERING • INTERIOR DESIGN



**LIBERTY** 

INTERMEDIATE SCHOOL -ADDITIONS & RENOVATIONS

DUNELAND SCHOOL CORPORATION CHESTERTON, INDIANA



**KEY PLAN** 

GIBRALTAR 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

10302590

04/25/22 COORDINATED DRAWN BY

CHECKED BY COPYRIGHT NOTICE: THE CONCEPTS, DESIGNS, PLANS, DETAILS, ETC, SHOWN ON THIS DOCUMENT ARE THE PROPERTY OF GIBRALTAR DESIGN AND WERE CREATED FOR USE ON THIS SPECIFIC PROJECT. NONE OF THIS INFORMATION SHALL BE USED BY ANY PERSON OR FIRM FOR ANY PURPOSE WITHOUT THE EXPRESS WRITTEN CONSENT OF GIBRALTAR DESIGN. THE OWNER MAY RETAIN COPIES FOR INFORMATION AND REFERENCE IN CONNECTION ONLY WITH THIS PROJECT.

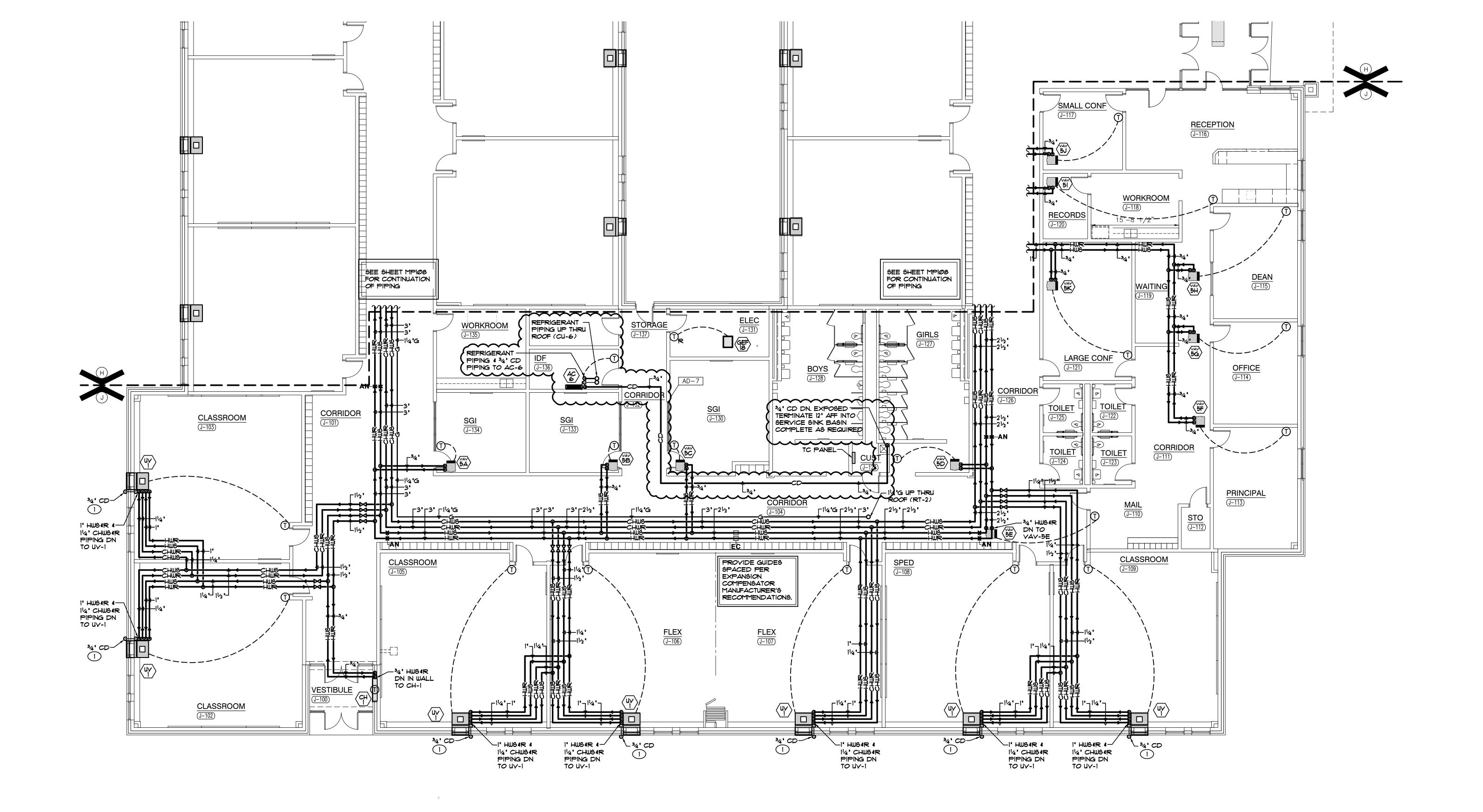
MARK DATE ISSUED FOR AD-7 06/06/22 ADDENDUM NO. 7

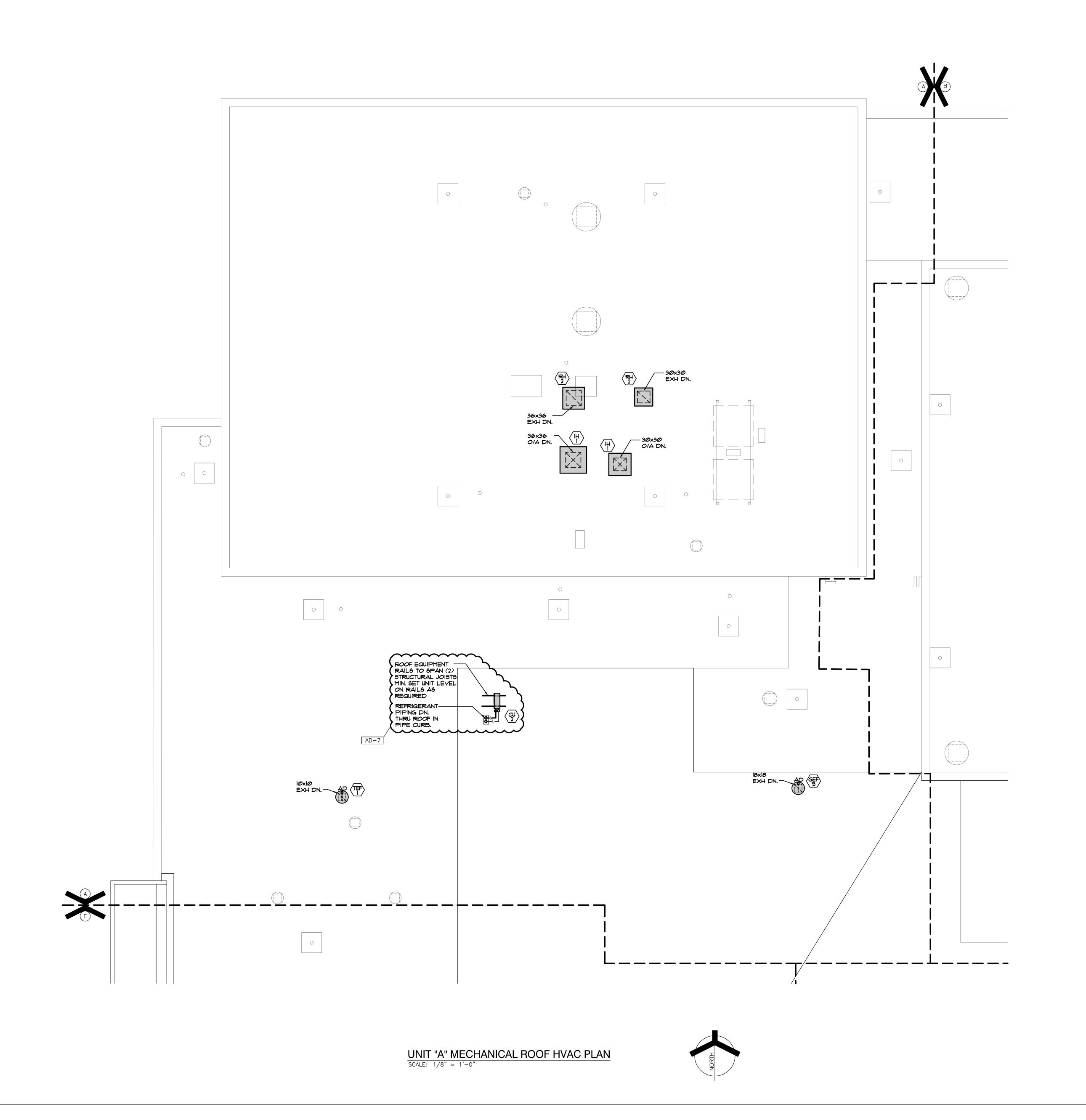
Copyright © 2022 Millies Engineering Group

UNIT "J" MECHANICAL FIRST FLOOR PIPING PLAN

LIBERTY IS -ADDITIONS & RENOVATIONS

© GIBRALTAR DESIGN SHEET





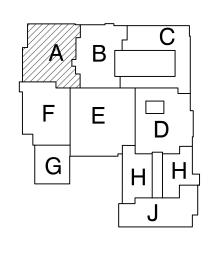


DESIGN ARCHITECTURE ● ENGINEERING ● INTERIOR DESIGN



LIBERTY INTERMEDIATE SCHOOL -ADDITIONS & RENOVATIONS

DUNELAND SCHOOL CORPORATION CHESTERTON, INDIANA



KEY PLAN

GIBRALTAR 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

04/25/22 COORDINATED DRAWN BY GL CHECKED BY

COPYRIGHT NOTICE:

THE CONCEPTS, DESIGNS, PLANS, DETAILS, ETC, SHOWN ON THIS DOCUMENT ARE THE PROPERTY OF GIBRALTAR DESIGN AND WERE CREATED FOR USE ON THIS SPECIFIC PROJECT. NONE OF THIS INFORMATION SHALL BE USED BY ANY PERSON OR FIRM FOR ANY PURPOSE WITHOUT THE EXPRESS WRITTEN CONSENT OF GIBRALTAR DESIGN. THE OWNER MAY RETAIN COPIES FOR INFORMATION AND REFERENCE IN CONNECTION ONLY WITH THIS PROJECT.

REVIS	IONS	
MARK	DATE	ISSUED FOR
AD-7	06/06/22	ADDENDUM NO. 7

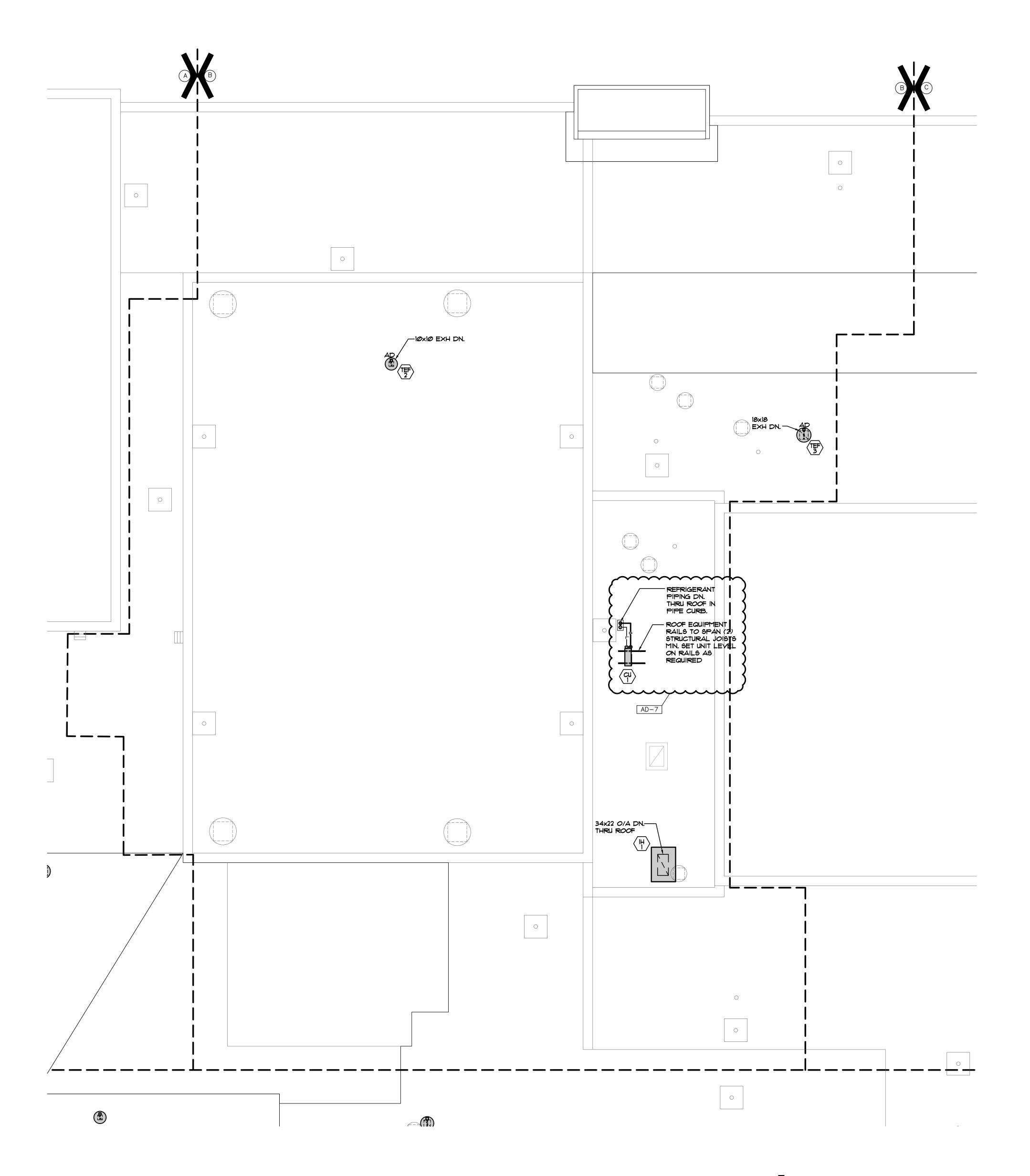
UNIT "A" MECHANICAL

ROOF HVAC PLAN

LIBERTY IS -ADDITIONS & RENOVATIONS

Copyright © 2022 Millies Engineering Group

© GIBRALTAR DESIGN SHEET M-301



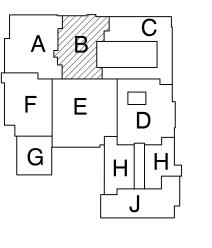




DESIGN ARCHITECTURE ◆ ENGINEERING ◆ INTERIOR DESIGN

LIBERTY INTERMEDIATE SCHOOL -**ADDITIONS &** RENOVATIONS

DUNELAND SCHOOL CORPORATION CHESTERTON, INDIANA



KEY PLAN

GIBRALTAR 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

COORDINATED E

04/25/22 DRAWN BY CHECKED BY

COPYRIGHT NOTICE: THE CONCEPTS, DESIGNS, PLANS, DETAILS, ETC, SHOWN ON THIS DOCUMENT ARE THE PROPERTY OF GIBRALTAR DESIGN AND WERE CREATED FOR USE ON THIS SPECIFIC PROJECT. NONE OF THIS INFORMATION SHALL BE USED BY ANY PERSON OR FIRM FOR ANY PURPOSE WITHOUT THE EXPRESS WRITTEN CONSENT OF GIBRALTAR DESIGN. THE OWNER MAY RETAIN COPIES FOR INFORMATION AND REFERENCE IN CONNECTION ONLY WITH THIS PROJECT.

REVIS	IONS	
MARK	DATE	ISSUED FOR
AD-7	06/06/22	ADDENDUM NO. 7

UNIT "B" MECHANICAL ROOF HVAC PLAN

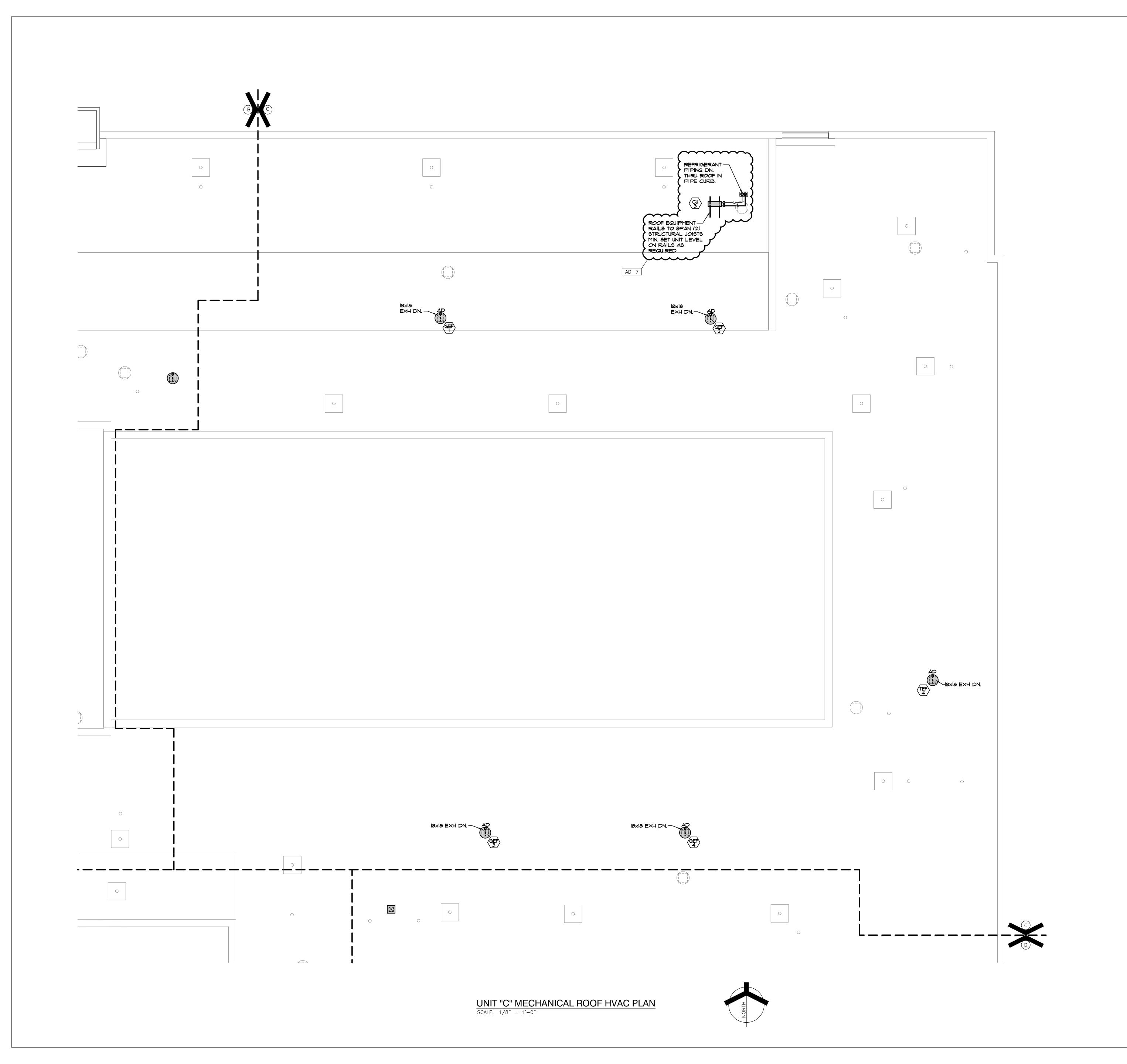
LIBERTY IS -ADDITIONS & RENOVATIONS

В

M-302

UNIT "B" MECHANICAL ROOF HVAC PLAN

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



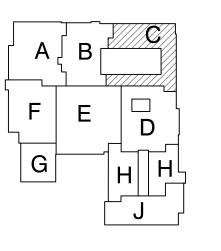


DESIGN ARCHITECTURE • ENGINEERING • INTERIOR DESIGN



LIBERTY INTERMEDIATE SCHOOL -ADDITIONS & RENOVATIONS

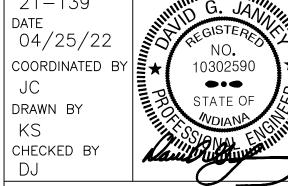
DUNELAND SCHOOL CORPORATION CHESTERTON, INDIANA



KEY PLAN

GIBRALTAR 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

04/25/22 COORDINATED DRAWN BY



COPYRIGHT NOTICE: THE CONCEPTS, DESIGNS, PLANS, DETAILS, ETC, SHOWN ON THIS DOCUMENT ARE THE PROPERTY OF GIBRALTAR DESIGN AND WERE CREATED FOR USE ON THIS SPECIFIC PROJECT. NONE OF THIS INFORMATION SHALL BE USED BY ANY PERSON OR FIRM FOR ANY PURPOSE WITHOUT THE EXPRESS WRITTEN CONSENT OF GIBRALTAR DESIGN. THE OWNER MAY RETAIN COPIES FOR INFORMATION AND REFERENCE IN CONNECTION ONLY WITH THIS PROJECT.

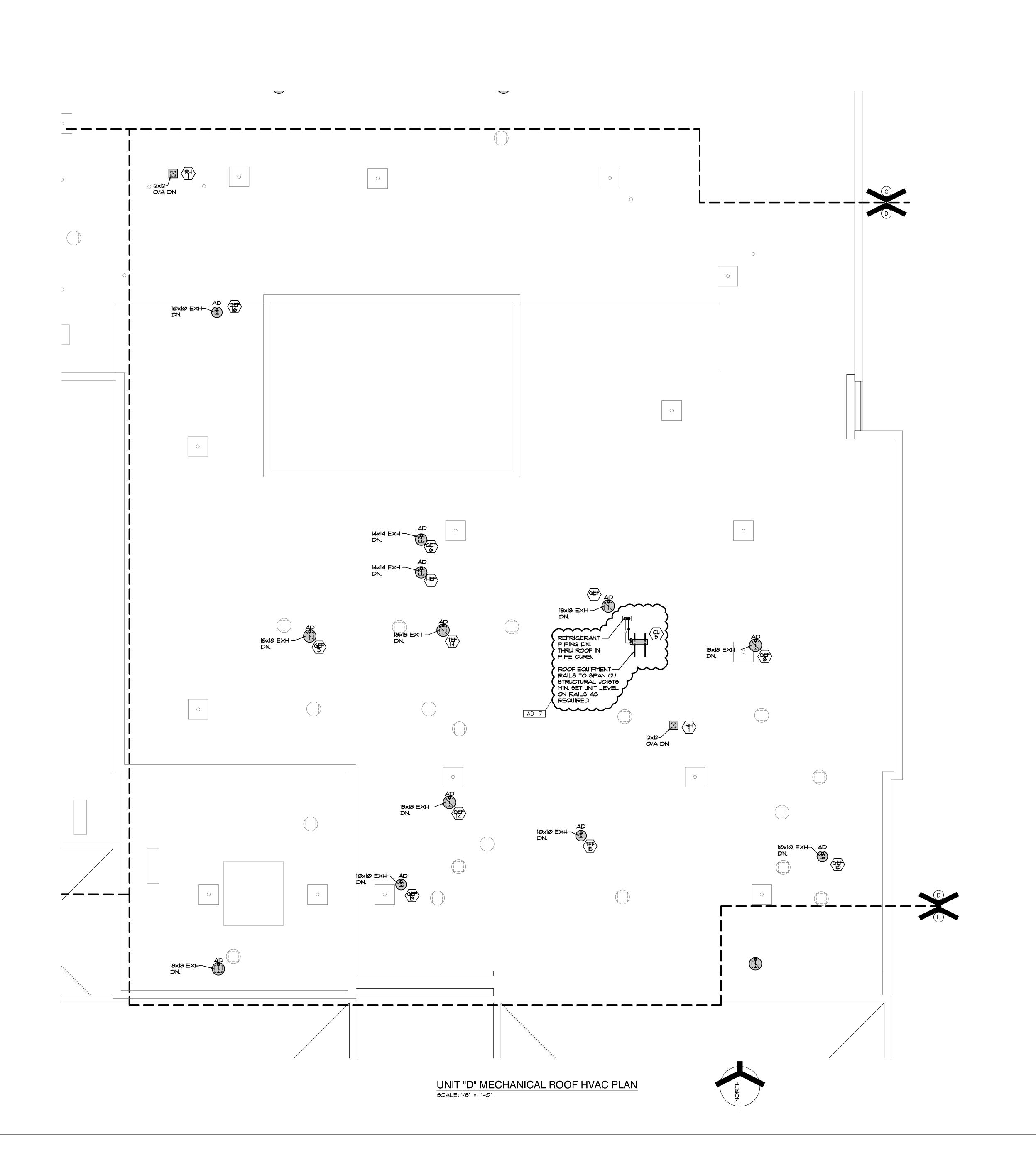
REVIS	IONS	
MARK	DATE	ISSUED FOR
AD-7	06/06/22	ADDENDUM NO. 7
DRAV	VING	

UNIT "C" MECHANICAL

ROOF HVAC PLAN

LIBERTY IS -ADDITIONS & RENOVATIONS

M-303



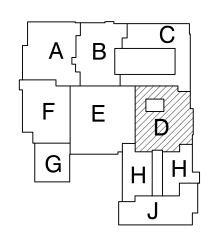


DESIGN
ARCHITECTURE • ENGINEERING • INTERIOR DESIGN



LIBERTY INTERMEDIATE SCHOOL -**ADDITIONS &** RENOVATIONS

DUNELAND SCHOOL CORPORATION CHESTERTON, INDIANA



#### KEY PLAN

GIBRALTAR 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

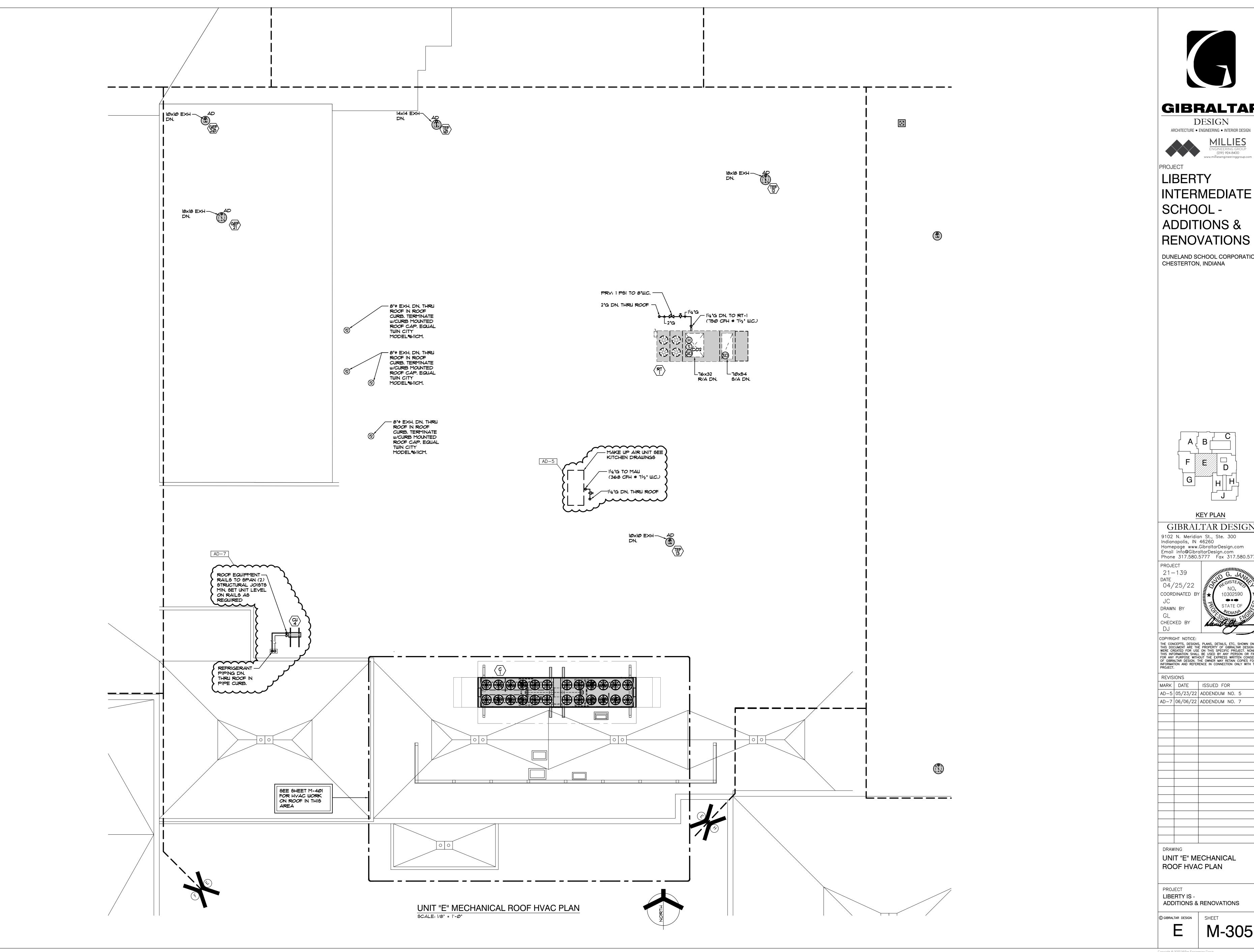
04/25/22 COORDINATED DRAWN BY

CHECKED BY COPYRIGHT NOTICE: THE CONCEPTS, DESIGNS, PLANS, DETAILS, ETC, SHOWN ON THIS DOCUMENT ARE THE PROPERTY OF GIBRALTAR DESIGN AND WERE CREATED FOR USE ON THIS SPECIFIC PROJECT. NONE OF THIS INFORMATION SHALL BE USED BY ANY PERSON OR FIRM FOR ANY PURPOSE WITHOUT THE EXPRESS WRITTEN CONSENT OF GIBRALTAR DESIGN. THE OWNER MAY RETAIN COPIES FOR INFORMATION AND REFERENCE IN CONNECTION ONLY WITH THIS PROJECT.

REVIS	ı	
MARK	DATE	ISSUED FOR
AD-7	06/06/22	ADDENDUM NO. 7

UNIT "D" MECHANICAL ROOF HVAC PLAN

LIBERTY IS -ADDITIONS & RENOVATIONS



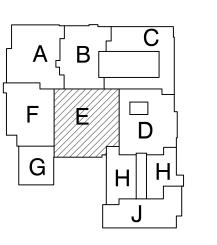




ENGINEERING GROUP (219) 924-8400 www.milliesengineeringgroup.com

LIBERTY INTERMEDIATE SCHOOL -

DUNELAND SCHOOL CORPORATION CHESTERTON, INDIANA



KEY PLAN

GIBRALTAR 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

04/25/22 COORDINATED DRAWN BY

CHECKED BY

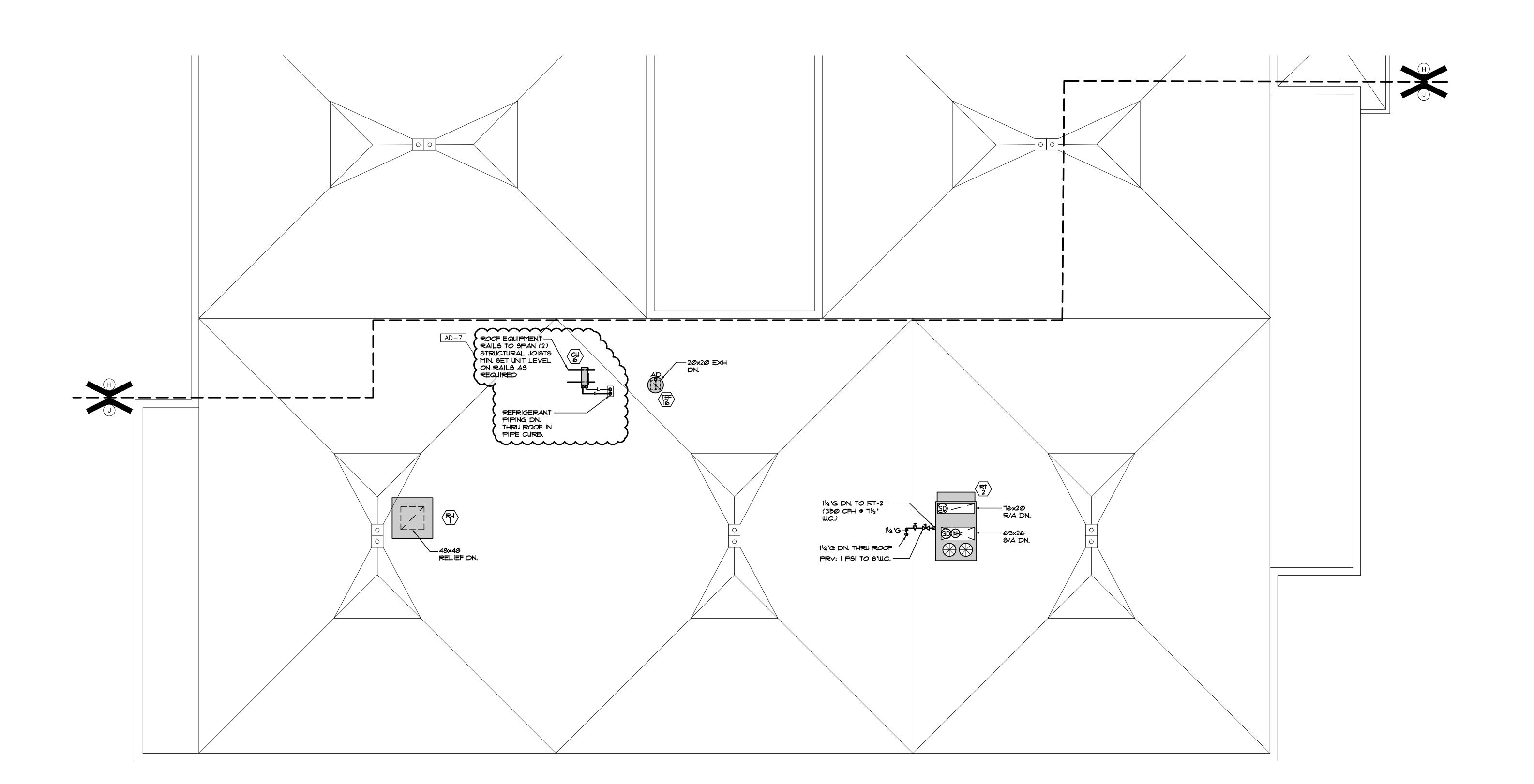
COPYRIGHT NOTICE: THE CONCEPTS, DESIGNS, PLANS, DETAILS, ETC, SHOWN ON THIS DOCUMENT ARE THE PROPERTY OF GIBRALTAR DESIGN AND WERE CREATED FOR USE ON THIS SPECIFIC PROJECT. NONE OF THIS INFORMATION SHALL BE USED BY ANY PERSON OR FIRM FOR ANY PURPOSE WITHOUT THE EXPRESS WRITTEN CONSENT OF GIBRALTAR DESIGN. THE OWNER MAY RETAIN COPIES FOR INFORMATION AND REFERENCE IN CONNECTION ONLY WITH THIS PROJECT.

REVIS	IONS	
MARK	DATE	ISSUED FOR
AD-5	05/23/22	ADDENDUM NO. 5
AD-7	06/06/22	ADDENDUM NO. 7

UNIT "E" MECHANICAL ROOF HVAC PLAN

LIBERTY IS -ADDITIONS & RENOVATIONS

M-305



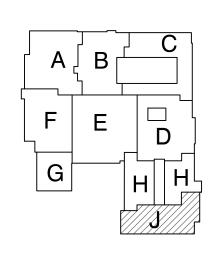


DESIGN ARCHITECTURE ● ENGINEERING ● INTERIOR DESIGN



LIBERTY INTERMEDIATE SCHOOL -**ADDITIONS &** RENOVATIONS

DUNELAND SCHOOL CORPORATION CHESTERTON, INDIANA

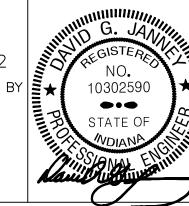


KEY PLAN

GIBRALTAR 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

04/25/22 COORDINATED DRAWN BY

CHECKED BY



COPYRIGHT NOTICE: THE CONCEPTS, DESIGNS, PLANS, DETAILS, ETC, SHOWN ON THIS DOCUMENT ARE THE PROPERTY OF GIBRALTAR DESIGN AND WERE CREATED FOR USE ON THIS SPECIFIC PROJECT. NONE OF THIS INFORMATION SHALL BE USED BY ANY PERSON OR FIRM FOR ANY PURPOSE WITHOUT THE EXPRESS WRITTEN CONSENT OF GIBRALTAR DESIGN. THE OWNER MAY RETAIN COPIES FOR INFORMATION AND REFERENCE IN CONNECTION ONLY WITH THIS PROJECT.

REVIS	IONS	
MARK	DATE	ISSUED FOR
AD-7	06/06/22	ADDENDUM NO. 7

DRAWING UNIT "J" MECHANICAL ROOF HVAC PLAN

LIBERTY IS -ADDITIONS & RENOVATIONS

© GIBRALTAR DESIGN SHEET

Copyright © 2022 Millies Engineering Group

M-309

																M	IEC	HA	NIC	AL	E	QU	IPN	1EN	IT	SC	HE	DU	LE																						
TAG	MANUF.	MOD NUMBER	DESCRIPTION	FAN M	OTOR D					DX	COOL	ING EC	QUIPME	ENT/CO	IL DAT	<u>A</u>	GAS F		EATING	EQUIP		ED WAT	ER CC	DOLING	EQUIF	MENT/C	OIL DA	ATA MAX		10T WAT	ER HE	ATING E	EQUIP/	COIL I		HOT AX MBI		R PREH	HEATING	COIL I	×LOAI	>		<b>E</b>	LECTRI	ICAL DA	ATA STARTE	ER	UNITS CTRL'D	EQUIP	REMARK
				CFM	HIGH	LOW I	SP B	HP H	PRF	MB	4 SHC	EDB	EWB	LDB L	WB C4	AT STG	S (IN)	OUT) E	4T LA	T STGS	MBH 8	SHC GF	PM ED	BEWE	LDB	LWB E	:WT LW	JT WPE	CAT	(IN) (OU	T) GP	1 EAT	LAT I	EWT L	.WT WF	PD (OUT	T) GPM	1 EAT	LAT	EWT L			LA AMF	<u> </u>	TOLTH		MC. E		BY		
AC-1/CU-1	TRANE	TPKA024/TPUY024	WALL MTD AC UNIT / ROOF MOUNTED CONDENSING UNIT	פדד	-	-	-	-	.   -	24	-	-	-	-	- 9	ē -	-	-		-	-			-	-	-		-	-		-	-	-	-	-		-	_	-	-	 -	19		26	208	1 60	, -	× WA	ALL MTD TSTA	AT 55/175	NOTE 15
AC-2/CU-2	TRANE	TPKAØ12/TPUYA12	WALL MTD AC UNIT / ROOF MOUNTED CONDENSING UNIT	380	-	-	-		.   -	12	-	-	-	-	- 9	<del>-</del>	-	-	-   -	-	-	-   -		-	-	-		-	-	-   -	-	-	-	-	-   -	-   -	-	-	-	-	 -	16	-   -	20	208	1 60	> -	× WA	ALL MTD TSTA	AT 29/92 1	NOTE 15
AC-3/CU-3	TRANE	TPKAØ12/TPUYA12	WALL MTD AC UNIT / ROOF MOUNTED CONDENSING UNIT	380	-	-	-			12	-	-	-	-	- 9:	<b>5</b> -	-	-		-	-	-   -	-   -	-	-	-	-   -	-	-		-	-	-	-		-   -	-	-	-	-	 -	16		20	208	1 60	, -	× WA	ALL MTD TSTA	1T 29/92	NOTE 15
AC-4/CU-4	TRANE	TPKAØ12/TPUYA12	WALL MTD AC UNIT / ROOF MOUNTED CONDENSING UNIT	380	-	-	-			12	-	-	-	-	- 9:	<b>5</b> -	-	-		-	-	-   -	-   -	-	-	-	-   -	-	-		-	-	-	-		-   -	-	-	-	-	 -	16		20	208	1 60	, -	× WA	ALL MTD TSTA	1T 29/92	NOTE 15
AC-5/CU-5	TRANE	TPKAØ12/TPUYA12	WALL MTD AC UNIT / ROOF MOUNTED CONDENSING UNIT	380	-	-	-		-   -	12	-	-	-	-	- 9:	<b>5</b> -	-	-	-   -	-	-	-   -	-   -	-	-	-	-   -	-	-		-	-	-	-		-   -	-	-	-	-	 -	16		20	208	1 60	, -	× WA	ALL MTD TSTA	1T 29/92	NOTE 15
4C-6/CU-6	TRANE	TPKA024/TRUY024	WALL MTD AC UNIT / ROOF MOUNTED CONDENSING UNIT	380	-	-	-			. 12	-	-	-	-	- 9	<del>-</del>	-	-	-   -	-	-			-	-	-		-	-	-   -	-	-	-	-		-   -	-	-	-	-	 -	16	-   -	20	208	1 69	, -	× WA	ALL MTD TSTA	4T 29/92	NOTE 15

				AD-	. /																															
$\bigcirc$													HE	A'	T R	EC	OV	EF	RY	SC	HE	EDU	LE													
UNIT		MIXED	SUPPI	LY A	IR				RETU	IRN A	iR					EXHAU	ST AIF	2					outs	IDE A	iR				HEAT W	HEEL D	ISCHAF	RGE				
TAG		SUMME	R		WINTER				summ	ER		WINTE	R			SUMME	R		WINTER	2			sum	1ER		WINTE	R			SUMME	:R		WINTER	2		
	CFM	DB	WB		DB	WB		CFM	DB	WB		DB	WB		CFM	DB	WB		DB	WB		CFM	DB	WB		DB	WB		CFM	DB	WB		DB	WB		REMARKS
RT-I	12,000	52.7	52.0	F	106.5		Ħ	6,556	75	63	F	70	53	F	6,556	89.3	31.8	F	12.0	11.3	F	6,556	95	75	F	-10	-11	F	6,556	80.3	66.7	F	46.3	36.9	F	-
																															*	*		•		•

DUC I WORK II	NSULATION/LINING SC	HEDULE
REFER TO SPECIFICATIONS FO	OR ADDITIONAL INSULATION REQUIREMENTS	
DUCTWORK TYPE	INSULATI	ON TYPE
DUCTWORK TIPE	CONCEALED	EXPOSED
SUPPLY AIR DUCTWORK		
RECTANGULAR	11/2" LINER	11/2" LINER
ROUND	11/2" WRAP, NOTE 1.	PERFORATED DOUBLE WALL
OUTSIDE AIR DUCTWORK		
RECTANGULAR	1½" WRAP	1½" WRAP
ROUND	1½" WRAP	1½" WRAP OR PERFORATED DOUBLE WALL
RETURN AIR DUCTWORK		
RECTANGULAR	11/2" LINER	11/2" LINER
ROUND	PERFORATED DOUBLE WALL	PERFORATED DOUBLE WALL
TRANSFER AIR DUCTWORK	1/2" LINER	1/2" LINER
DOAS SUPPLY AIR DUCTWORK		
RECTANGULAR	11/2" LINER	11/2" LINER
ROUND	11/2" WRAP, NOTE 1.	PERFORATED DOUBLE WALL
DOAS EXHAUST DUCTWORK		
RECTANGULAR	11/2" LINER, WITHIN 30"-0" OF UNIT	11/2" LINER, WITHIN 30'-0" OF UNIT
ROUND	PERFORATED DOUBLE WALL, WITHIN 30'-0" OF UNIT	PERFORATED DOUBLE WALL, WITHIN 30'-0' OF UNIT
/AV & FAN-POWERED BOXES		
INLET COLLAR	1½" WRAP	1½" WRAP
HOT WATER REHEAT COIL	1½" WRAP	1½" WRAP
XHAUST DUCTWORK		
WITHIN 10'-0" OF EXHAUST FAN	1/2" LINER	1/2" LINER

$\bigcirc$	INTAKE/RELIEF HOOD SCHEDULE									
TAG	MANUFACTURER	MODEL *	THROAT SIZE	DESCRIPTION	HOOD LOCATION	REMARKS				
IH-1	ACME	#TI∨	SEE PLANS	OUTSIDE AIR INTAKE HOOD FOR FC'S AND AH'S	SEE PLANS	PROVIDE W/ BIRDSCREEN, AND 18" HIGH ROOF CURB.				
RH-1	ACME	#TI∨	SEE PLANS	RELIEF AIR HOOD FOR UV'S AND FC'S	SEE PLANS	PROVIDE W/ BIRDSCREEN, BAROMETRIC RELIEF DAMPER. AND 18" HIGH ROOF CURB.				
RH-2	ACME	#TEV	SEE PLANS	EXHAUST/RELIEF AIR HOOD FOR AH'S	SEE PLANS	PROVIDE W/ BIRDSCREEN, AND 18" HIGH ROOF CURB.				

$\supset$	NATURAL GAS CONNECTION	SCHEDULE		
-AG	DESCRIPTION	LOCATION	CAPACITY CFH	REMARKS
RT-1	ROOF MOUNTED GAS FIRED / DX COOLING ROOFTOP UNIT-VAY	ROOF	750	-
RT-2	ROOF MOUNTED GAS FIRED / DX COOLING ROOFTOP UNIT-VAY	ROOF	35Ø	-
-	EXISTING GAS FIRED BOILER (14-28" w.c.)	MECH ROOM-EIØ3	3000	-
-	EXISTING GAS FIRED BOILER (14-28" w.c.)	MECH ROOM-EIØ3	3000	-
3-3	GAS FIRED HOT WATER BOILER (8"-14" w.c)	MECH ROOM-EIØ3	2500	-
-	COMBI OVEN/STEAMER	KITCHEN-E135	152	-
-	COMBI OVEN/STEAMER	KITCHEN-E135	304	-
-	COMBI OVEN/STEAMER	KITCHEN-E135	304	- AD-5
-	ROOF MOUNTED MAKE-UP AIR UNIT	ROOF OF KITCHEN E13	368	<b>)</b>
J <del></del> 1	GAS FIRED WATER HEATER	MECH ROOM-E124	400	-
H-2	GAS FIRED WATER HEATER	MECH ROOM-E124	400	-
-	EXISTING MISC. GAS LOAD	-	200	ESTIMATED
-	EXISTING EMERGENCY GENERATOR	-	1965	-
-	ALTERNATE - NEW EMERGENCY GENERATOR (7"-11" w.c.)	-	2983	ALTERNATE
		TOTAL	13693	CFH @ 5 PSI

MECHANICAL S	CHEDULE NOTES	
NOTE 1:	NOTE 5:	NOTE 9:
PROVIDE WITH:	PROVIDE WITH:	PROVIDE WITH:
• ROOF SUPPORTS	INTEGRATED ECONOMIZER WITH DIFFERENTIAL	INTEGRAL THERMOSTAT
• RAILS	ENTHALPY SENSORS	• DISCONNECT SWITCH
<ul> <li>VIBRATION ISOLATORS</li> </ul>	• FEEDBACK SIGNAL W/ IECC 2015 COMPLIANT LOW	SEE SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS.
<ul> <li>SOUND ATTENUATION KIT</li> </ul>	LEAK ECONOMIZER DAMPER,	
SEE SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS	<ul> <li>DIGITAL SCROLL (LEAD ONLY) OR VARIABLE</li> </ul>	NOTE 10:
	SPEED COMPRESSORS	PROVIDE WITH:
NOTE 2:	<ul> <li>S/A &amp; POW EXH DIRECT DRIVE FANS W/VFD,</li> </ul>	<ul> <li>VIBRATION ISOLATION HANGERS</li> </ul>
PROVIDE WITH:	NON-FUSED DISCONNECT SWITCH	INTEGRAL THERMOSTAT
COMBUSTION AIR INTAKE DAMPER	SHORT CIRCUIT RATING 35 K	• DISCONNECT SWITCH
SEE SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS	PHASE & BROWN-OUT PROTECTION	SEE SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS.
SEE SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS		SEE SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS.
	HINGED ACCESS DOORS	
NOTE 3:	<ul> <li>VIBRATION ISOLATION CURB W/ HUSHCORE DECK</li> </ul>	
SEE SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS	DS-52 ACOUSTICAL TREATMENT.	PROVIDE WITH:
	<ul> <li>POWERED EXHAUST FAN W/BLDG PRESSURIZATION</li> </ul>	<ul> <li>PROVIDE WITH DISCONNECT SWITCH</li> </ul>
NOTE 4:	CONTROL,	ECM MOTOR WITH POTENTIOMETER SPEED
PROVIDE WITH:	<ul> <li>STAINLESS STEEL HEAT EXCHANGER</li> </ul>	CONTROLLER
• DX COOLING CAPACITIES INDICATED BASED ON A		MOTORIZED DAMPER
TOTAL EQUIVALENT COOLING FROM A	SCHEDULE)	BIRD SCREEN
COMBINATION OF DX SECTION & ERV COOLING		• ROOF CURB
	FLUE DEFLECTOR	•
<ul> <li>INTEGRATED ECONOMIZER WITH DIFFERENTIAL</li> </ul>	<ul> <li>METAL MESH OUTSIDE AIR INTAKE HOOD FILTER</li> </ul>	SEE SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS
ENTHALPY SENSORS	<ul> <li>CONDENSER FAN W/VFD W/HEAD PRESSURE</li> </ul>	
<ul> <li>FEEDBACK SIGNAL W/ IECC 2015 COMPLIANT LOW</li> </ul>	CONTROL & SITE GLASS	NOTE 12:
LEAK ECONOMIZER DAMPER	<ul> <li>YAY HEATING &amp; COOLING</li> </ul>	PROVIDE WITH:
<ul> <li>DIGITAL SCROLL (LEAD ONLY) OR YARIABLE</li> </ul>	<ul> <li>HAIL CONDENSER COIL GUARD PROTECTION</li> </ul>	BUILT-IN BACKDRAFT DAMPER
SPEED COMPRESSORS	• FILTERS: 4' MERY 13 & 2' MERY 8	INTEGRAL METAL GRILLE
• S/A & POW EXH DIRECT DRIVE FANS W/VFD,	R/A MOUNTED CO2 SENSOR FOR DEMAND	VIBRATION ISOLATION HANGERS
NON-FUSED DISCONNECT SWITCH	CONTROL VENTILATION	SEE SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS.
		SEE SPECIFICATIONS FOR ADDITIONAL REGULARITIENTS.
SHORT CIRCUIT RATING 35 K	SEE SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS.	
PHASE & BROWN-OUT PROTECTION		NOTE 13:
<ul> <li>HINGED ACCESS DOORS</li> </ul>	NOTE 6:	PROVIDE WITH:
<ul> <li>VIBRATION ISOLATION CURB W/ HUSHCORE DECK</li> </ul>	PROVIDE WITH:	• DISCONNECT SWITCH
DS-52 ACOUSTICAL TREATMENT.	<ul> <li>INTEGRATED ENTHALPY ECONOMIZER</li> </ul>	MOTORIZED BACKDRAFT DAMPER
<ul> <li>POWERED EXHAUST FAN W/BLDG PRESSURIZATION</li> </ul>	DISCONNECT SWITCH	BIRD SCREEN, ROOF CURB
CONTROL,	FACE/BYPASS DAMPER	HERESITE COATING
ENERGY RECOVERY WHEEL W/DEFROST 4	• FILTERS	SEE SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS AD-5
ECONOMIZER BYPASS - SEE HEAT RECOVERY	SEE SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS	SEE SPECIFICATIONS FOR ADDITIONAL REQUIRE IEIVIS
	OLE OF ECIFICATIONS FOR ADDITIONAL REQUIREFIENTS	
SCHEDULE	NOTE I	NOTE 14:
STAINLESS STEEL HEAT EXCHANGER	NOTE 7:	PROVIDE WITH:
<ul> <li>MODULATING GAS WHIGH TURNDOWN (SEE</li> </ul>	PROVIDE WITH:	• YIBRATION ISOLATION HANGERS
SCHEDULE)	• DISCONNECT SWITCH	SEE SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS /
FLUE DEFLECTOR	<ul> <li>VIBRATION ISOLATION HANGERS</li> </ul>	
METAL MESH OUTSIDE AIR INTAKE HOOD FILTER	TERMINAL STRIPS FOR DDC READY	NOTE 15:
CONDENSER FAN W/VFD W/HEAD PRESSURE	SEE SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS	PROVIDE WITH:
CONTROL & SITE GLASS		WALL MOUNTED AC UNIT:
	NOTE &	\ \tag{\tag{\tag{\tag{\tag{\tag{\tag{
VAY HEATING & COOLING	NOTE 8:	• THERMOSTAT
<ul> <li>HAIL CONDENSER COIL GUARD PROTECTION</li> </ul>	PROVIDE WITH:	• CONDENSATE PUMP
<ul> <li>FILTERS: ERY(OAI) - 2" 30%, ERY(EXH) - 2" 30%,</li> </ul>	<ul> <li>INTEGRAL THERMOSTAT</li> </ul>	( CONDENSING UNIT:
EVAPORATOR - 4" MERY 13	• DISCONNECT SWITCH	• LOW AMBIENT CONTROLS FOR 100% COOLING.
<ul> <li>R/A MOUNTED CO2 SENSOR FOR DEMAND</li> </ul>	<ul> <li>WALL MOUNTING KIT</li> </ul>	CAPACITY DOWN TO 0°F
CONTROL VENTILATION	SEE SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS.	• WIND BAFFLES
SEE SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS		• HAIL GUARDS
OFF OF FOILIOUS FOLL SENIOR PERSONNEL IEMS		( SEE SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS )
		I SEE SEECIFICATIONS FOR ADDITIONAL REQUIREFIENTS

$\bigcirc$	$\supset$			PU	MP	SCHEDULE								
			DESCRIPTION			PUMP MOTOR DATA						SUCTION/		
TAG	MANUFACTURER	MODEL NUMBER			HEAD (FT.)	HP	RPM	VOLT	PHASE	HZ.	STARTI MC.	ER: EC.	DISCHARGE SIZE	REMARKS
BP-1	BELL 4 GOSSETT	SERIES 80: 4x4x7B	HOT WATER BOILER RECIRC PUMP (EX BOILER)	270	20	3	1750	480	3	60	×	-	4" / 4"	-
BP-2	BELL & GOSSETT	SERIES 80: 4x4x7B	HOT WATER BOILER RECIRC PUMP (EX BOILER)	270	20	3	1750	480	3	60	×	-	4' / 4'	-
BP-3	BELL & GOSSETT	9ERIE9 80: 3x3x7C	HOT WATER BOILER RECIRCUALTION PUMP (B-3)	236	20	2	1750	480	3	60	×	-	3' / 3'	-
HWP-1	BELL & GOSSETT	9ERIE9 1510: 3EB	HOT WATER DISTRIBUTION PUMP	388	95	15	1750	480	3	60	×	-	4' / 3'	HOT WATER PRIMARY PUMPS W/VFD OPERATING IN
HWP-2	BELL & GOSSETT	9ERIE9 1510: 3EB	HOT WATER DISTRIBUTION PUMP	388	95	15	1750	480	3	60	×	-	4' / 3'	PARALLEL. 176 GPM AT 95 FT. HD. WITH DUAL POWER FEEDERS
CP-I	BELL & GOSSETT	SERIES 1510: 5A	CHILLED WATER RECICULATION PUMP (C-1)	357	3Ø	٦ 1/2	1750	480	3	60	×	-	6' / 5'	-
CP-2	BELL & GOSSETT	SERIES 1510: 5A	CHILLED WATER RECICULATION PUMP (C-2)	357	3Ø	٦ 1/2	1750	480	3	60	×	-	6'/5'	-
CWP-1	BELL & GOSSETT	SERIES 1510: 4EB	CHILLED WATER DISTRIBUTION PUMP	357	90	20	1750	480	3	60	×	-	5' / 4'	CHILLED WATER PRIMARY PUMPS W/VFD OPERATING IN
CWP-2	BELL & GOSSETT	SERIES 1510: 4EB	CHILLED WATER DISTRIBUTION PUMP	357	90	20	1750	480	3	60	×	-	5' / 4'	PARALLEL. 114 GPM AT 90 FT. HD. WITH DUAL POWER FEEDERS

			GRILL	E, REGIS	STER & DI	<b>FFUSE</b>	R SCI	HEDULE
TAG	MANUFACTURER	MODEL NO.	DESCRIPTION	AIR PATTERN	MOUNTING	SIZE	TYPE OF CONTROL	REMARKS
АЗ	NAILOR	6500-0	SUPPLY CEILING DIFFUSER	3-WAY	2' × 2' LAY-IN PANEL	SEE Plans	OBD.	-
Δ4	NAILOR	6500-0	SUPPLY CEILING DIFFUSER	4-WAY	2' × 2' LAY-IN PANEL	SEE Plans	OBD.	-
A5	NAILOR	6500-0	SUPPLY CEILING DIFFUSER	2-WAY CORNER	2' × 2' LAY-IN PANEL	SEE Plans	OBD.	-
AS	NAILOR	6500-0	SUPPLY CEILING DIFFUSER	3-WAY	2' X 1' LAY-IN PANEL	SEE Plans	OBD.	-
A9	NAILOR	6500-0	SUPPLY CEILING DIFFUSER	4-WAY	2' X 1' LAY-IN PANEL	SEE Plans	OBD.	-
AlØ	NAILOR	6500-0	SUPPLY CEILING DIFFUSER	2-WAY CORNER	2' X I' LAY-IN PANEL	SEE Plans	OBD.	-
C4	NAILOR	6200-OA	SUPPLY CEILING DIFFUSER	4-WAY	2' × 2' LAY-IN PANEL	SEE Plans	OBD.	ALUMINUM CONSTRUCTION
E2	NAILOR	61DH-0	SUPPLY CEILING REGISTER	DOUBLE DEFLECTION	SURFACE MOUNTED	SEE Plans	OBD.	HORIZONTAL FRONT BARS, VERTICAL BACK BARS
KI	NAILOR	61DHC	SUPPLY REGISTER	DOUBLE DEFLECTION	DUCT MOUNTED	SEE Plans	YOLUME DAMPER	MILL FINISH
RI	NAILOR	6145H-O	RETURN/EXHAUST REGISTER	LOUVERED GRILLE	LAY-IN PANEL	SEE Plans	OBD.	-
R2	NAILOR	6145H-O	RETURN/EXHAUST REGISTER	LOUVERED GRILLE	SURFACE MOUNTED	SEE Plans	OBD.	-
R3	NAILOR	5145H-O	RETURN/EXHAUST REGISTER	LOUVERED GRILLE	LAY-IN PANEL	SEE Plans	OBD.	ALUMINUM CONSTRUCTION
ΤI	NAILOR	6145H	RETURN/EXHAUST/T.A. GRILLE	LOUVERED GRILLE	LAY-IN PANEL	SEE Plans	-	-
T2	NAILOR	6145H	RETURN/EXHAUST/T.A. GRILLE	LOUVERED GRILLE	SURFACE MOUNTED	SEE Plans	-	-
T3	NAILOR	5145H	RETURN/EXHAUST/T.A. GRILLE	LOUVERED GRILLE	LAY-IN PANEL	SEE Plans	-	ALUMINUM CONSTRUCTION
T8	NAILOR	6145H-HD	RETURN/EXHAUST/T.A. GRILLE	LOUVERED GRILLE	SURFACE MOUNTED	SEE Plans	-	HEAVY DUTY GRILLE



DESIGN



ENGINEERING G
(219) 924-840
www.milliesengineering

LIBERTY
INTERMEDIATE
SCHOOL ADDITIONS &
RENOVATIONS

DUNELAND SCHOOL CORPORATION CHESTERTON, INDIANA

GIBRALTAR 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

21-139

DATE

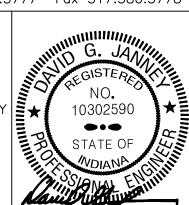
04/25/22

COORDINATED BY

JC

DRAWN BY

CHECKED BY



COPYRIGHT NOTICE:

THE CONCEPTS, DESIGNS, PLANS, DETAILS, ETC, SHOWN ON THIS DOCUMENT ARE THE PROPERTY OF GIBRALTAR DESIGN AND WERE CREATED FOR USE ON THIS SPECIFIC PROJECT. NONE OF THIS INFORMATION SHALL BE USED BY ANY PERSON OR FIRM FOR ANY PURPOSE WITHOUT THE EXPRESS WRITTEN CONSENT OF GIBRALTAR DESIGN. THE OWNER MAY RETAIN COPIES FOR INFORMATION AND REFERENCE IN CONNECTION ONLY WITH THIS PROJECT.

REVIS	IONS	
MARK	DATE	ISSUED FOR
AD-5	05/23/22	ADDENDUM NO. 5
AD-7	06/06/22	ADDENDUM NO. 7
	/INIC	

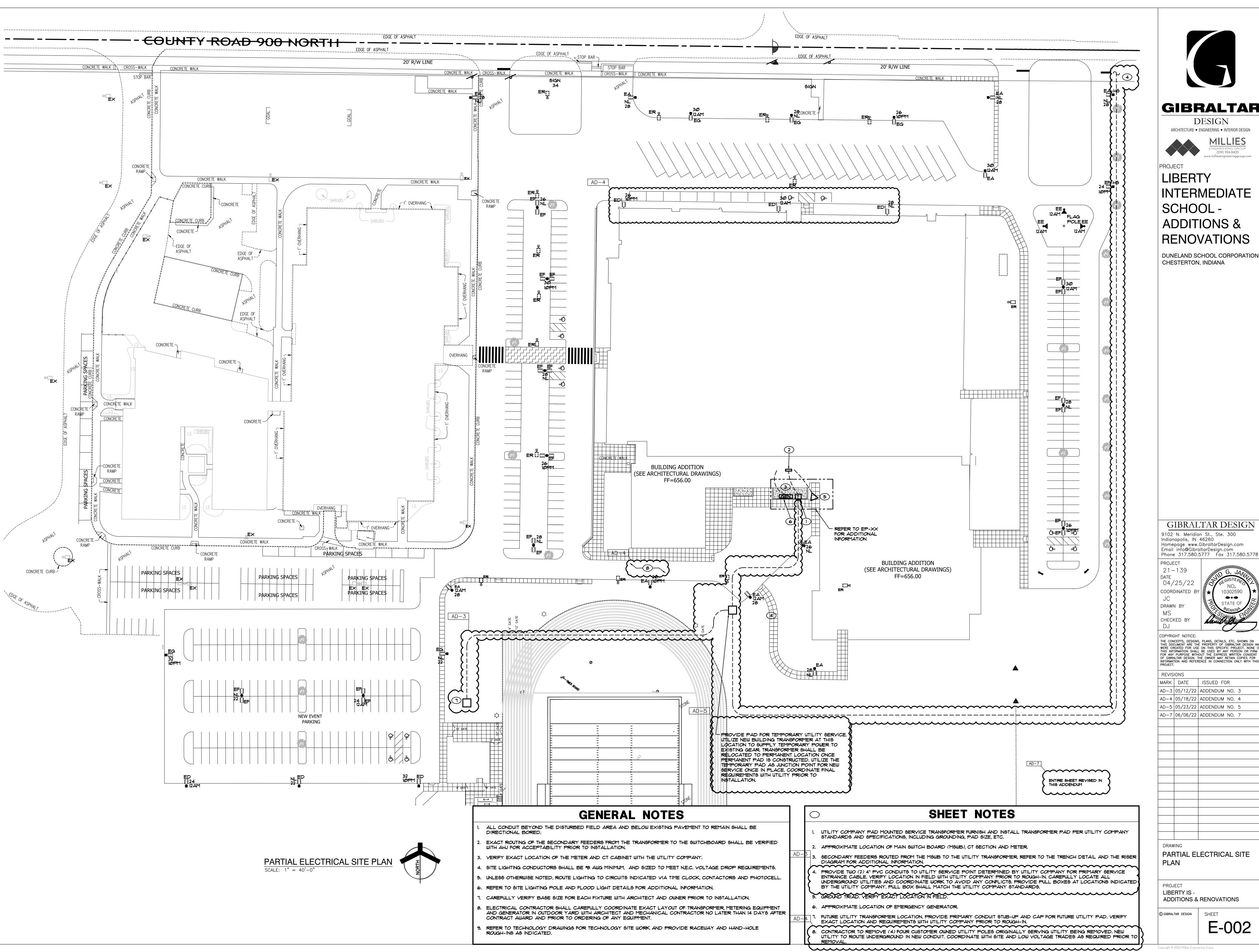
MECHANICAL SCHEDULES
AND NOTES

PROJECT
LIBERTY IS ADDITIONS & RENOVATIONS

© GIBRALTAR DESIGN SHEET

M-502

Copyright © 2022 Millies Engineering Group



ARCHITECTURE • ENGINEERING • INTERIOR DESIGN

INTERMEDIATE **ADDITIONS &** 

DUNELAND SCHOOL CORPORATION

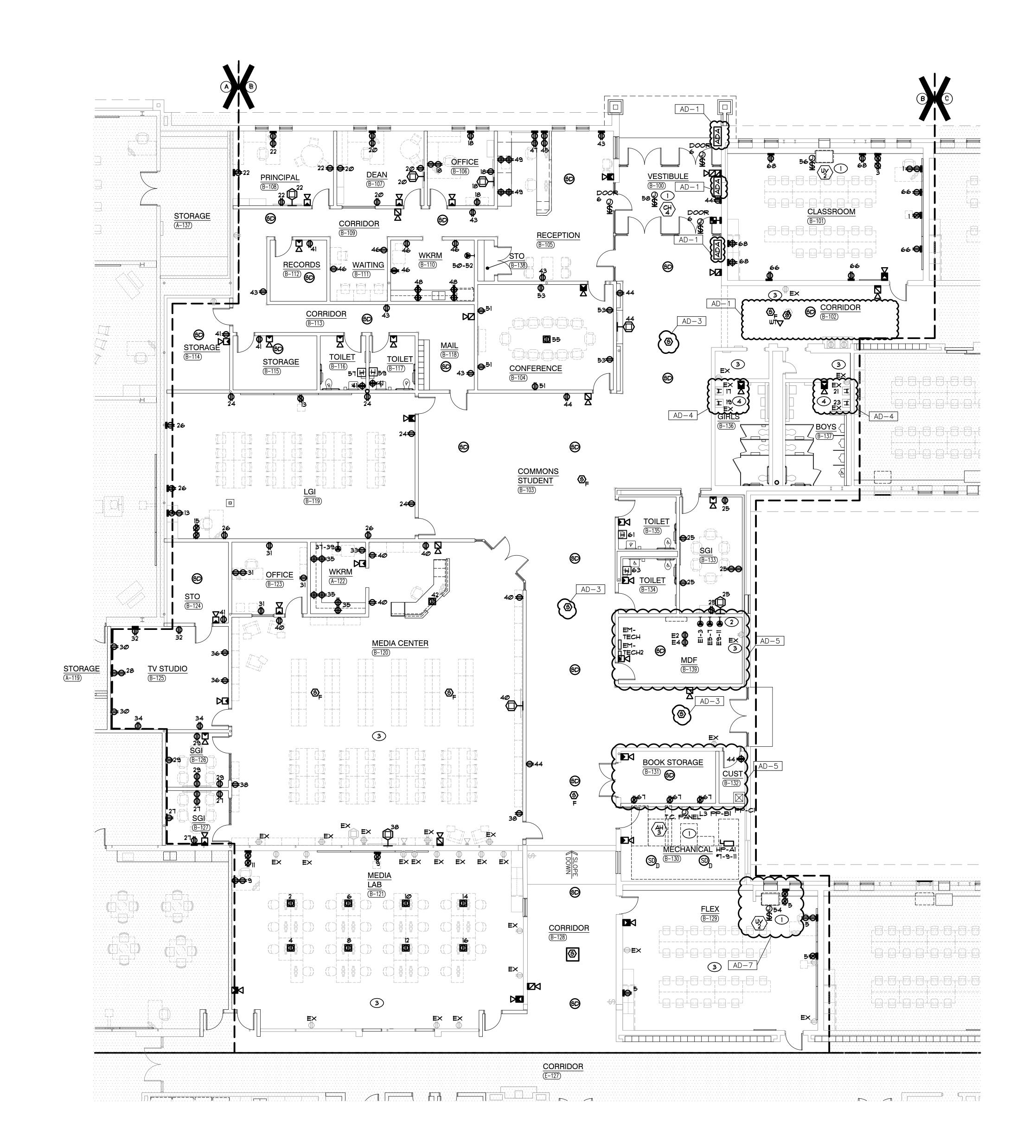
GIBRALTAR DESIGN 9102 N. Meridian St., Ste. 300 Indianapolis, IN 46260 Homepage www.GibraltarDesign.com

10302590

THE CONCEPTS, DESIGNS, PLANS, DETAILS, ETC, SHOWN ON THIS DOCUMENT ARE THE PROPERTY OF GIBRALTAR DESIGN AND WERE CREATED FOR USE ON THIS SPECIFIC PROJECT. NONE OF THIS INFORMATION SHALL BE USED BY ANY PERSON OR FIRM FOR ANY PURPOSE WITHOUT THE EXPRESS WRITTEN CONSENT OF GIBRALTAR DESIGN. THE OWNER MAY RETAIN COPIES FOR INFORMATION AND REFERENCE IN CONNECTION ONLY WITH THIS PROJECT

KEVI2	IONS			
MARK	DATE	ISSUED FO	)R	
AD-3	05/12/22	ADDENDUM	NO.	3
AD-4	05/18/22	ADDENDUM	NO.	4
AD-5	05/23/22	ADDENDUM	NO.	5
AD-7	06/06/22	ADDENDUM	NO.	7

PARTIAL ELECTRICAL SITE



GENERAL NOTES

CIRCUIT ALL DEVICES TO PANEL PP-BI UNLESS OTHERWISE NOTED.

REFER TO LOW YOLTAGE DRAWING FOR ROUGH-IN AND RACEWAY INFORMATION FOR ACCESS CONTROL, SOUND SYSTEMS, TECHNOLOGY SYSTEMS AND EQUIPMENT. SEE TECHNOLOGY DRAWINGS AND SPECIFICATIONS FOR LOCATIONS OF DEVICES/EQUIPMENT, MOUNTING HEIGHTS AND ELECTRICAL REQUIREMENTS. COORDINATE AND VERIFY EXACT LOCATIONS OF ALL OF THESE ROUGH-INS AND REQUIREMENTS WITH TECH DYNE, ARCHITECT, OWNER, CONSTRUCTION MANAGER AND DIVISION 27 CONTRACTOR PRIOR TO ROUGH-IN.

ALL DEVICES WITH BOX BASES SHALL BE SURFACE MOUNTED TO THE EXISTING WALL. CONTRACTOR SHALL PROVIDE NEW NEATLY ROUTED SURFACE RACEWAY AND SURFACE RACEWAY BACKBOXES FOR NEW DEVICES LOCATED ON EXISTING WALLS. CONTRACTOR SHALL YERIFY EXACT ROUTING OF SURFACE RACEWAY WITH ARCHITECT PRIOR TO INSTALLATION.

. CIRCUIT ALL DEVICES WITH A 'E' PREFIX TO NEW PANEL EM-TECHI.

SHEET NOTES

REFER TO MECHANICAL EQUIPMENT CONNECTION SCHEDULE FOR ELECTRICAL CIRCUITING AND WIRING REQUIREMENTS.

TELECOM GROUNDING BUSBAR, COORDINATE FINAL LOCATION IN ROOM WITH TECHNOLOGY EQUIPMENT INSTALLER. REFER TO GROUNDING DETAIL AND GROUNDING BUSBAR DETAIL FOR ADDITIONAL INFORMATION.

RECONNECT EXISTING RECEPTACLES TO NEW NORMAL POWER BRANCH CIRCUITRY IN NEW PANELS INSTALLED COMPLETE AS REQUIRED, MAXIMUM 1400W PER 120 YOLT CIRCUIT. WHERE NECESSARY, DUE TO LIMITATIONS IN THE EXISTING BRANCH CIRCUITRY, THIS CONTRACTOR SHALL FURNISH AND INSTALL 20A-1 POLE CIRCUIT BREAKERS AS REQUIRED IN NEW PANEL AND EXTEND 2 \*12 AND 1 \*12 GRD IN 3" CONDUIT COMPLETE AS REQUIRED. VERIFY CONDITIONS AND REQUIREMENTS IN FIELD.

INSTALL EXISTING HAND DRYER(S) ORIGINALLY RETAINED DURING DEMOLITION. PROVIDE NEW CIRCUIT AS INDICATED

**GIBRALTAR** 

ARCHITECTURE • ENGINEERING • INTERIOR DESIGN

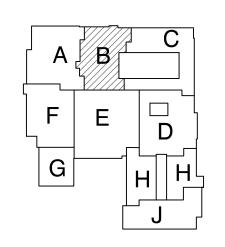
DESIGN

(219) 924-8400

**LIBERTY** 

INTERMEDIATE SCHOOL -**ADDITIONS &** RENOVATIONS

DUNELAND SCHOOL CORPORATION CHESTERTON, INDIANA



**KEY PLAN** 

GIBRALTAR DESIGN

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

04/25/22 COORDINATED DRAWN BY

CHECKED BY

COPYRIGHT NOTICE: THE CONCEPTS, DESIGNS, PLANS, DETAILS, ETC, SHOWN ON THIS DOCUMENT ARE THE PROPERTY OF GIBRALTAR DESIGN AND WERE CREATED FOR USE ON THIS SPECIFIC PROJECT. NONE OF THIS INFORMATION SHALL BE USED BY ANY PERSON OR FIRM FOR ANY PURPOSE WITHOUT THE EXPRESS WRITTEN CONSENT OF GIBRALTAR DESIGN. THE OWNER MAY RETAIN COPIES FOR INFORMATION AND REFERENCE IN CONNECTION ONLY WITH THIS PROJECT

REVIS	SIONS	
MARK	DATE	ISSUED FOR
AD-1	05/05/22	ADDENDUM NO. 1
AD-3	05/12/22	ADDENDUM NO. 3
AD-4	05/18/22	ADDENDUM NO. 4
AD-5	05/23/22	ADDENDUM NO. 5
AD-7	06/06/22	ADDENDUM NO. 7

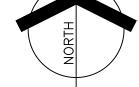
UNIT "B" ELECTRICAL FIRST FLOOR POWER

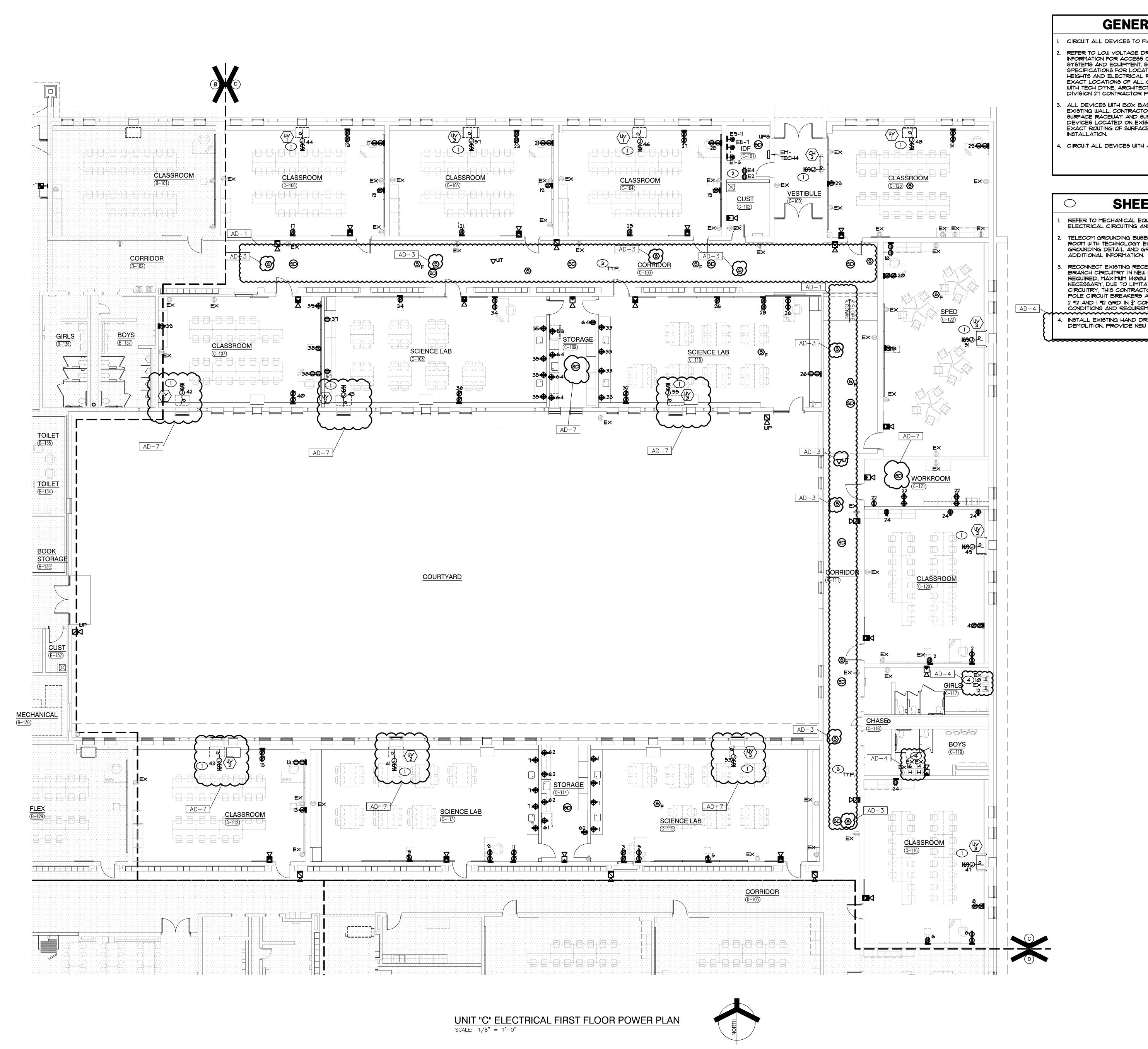
LIBERTY IS -ADDITIONS & RENOVATIONS

© GIBRALTAR DESIGN SHEET В

EP102

UNIT "B" ELECTRICAL FIRST FLOOR POWER PLAN





### **GENERAL NOTES**

- CIRCUIT ALL DEVICES TO PANEL PP-CI UNLESS OTHERWISE NOTED. REFER TO LOW YOLTAGE DRAWING FOR ROUGH-IN AND RACEWAY INFORMATION FOR ACCESS CONTROL, SOUND SYSTEMS, TECHNOLOGY SYSTEMS AND EQUIPMENT. SEE TECHNOLOGY DRAWINGS AND SPECIFICATIONS FOR LOCATIONS OF DEVICES/EQUIPMENT, MOUNTING HEIGHTS AND ELECTRICAL REQUIREMENTS. COORDINATE AND VERIFY EXACT LOCATIONS OF ALL OF THESE ROUGH-INS AND REQUIREMENTS WITH TECH DYNE, ARCHITECT, OWNER, CONSTRUCTION MANAGER AND DIVISION 27 CONTRACTOR PRIOR TO ROUGH-IN.
- ALL DEVICES WITH BOX BASES SHALL BE SURFACE MOUNTED TO THE EXISTING WALL. CONTRACTOR SHALL PROVIDE NEW NEATLY ROUTED SURFACE RACEWAY AND SURFACE RACEWAY BACKBOXES FOR NEW DEVICES LOCATED ON EXISTING WALLS. CONTRACTOR SHALL YERIFY EXACT ROUTING OF SURFACE RACEWAY WITH ARCHITECT PRIOR TO
- 4. CIRCUIT ALL DEVICES WITH A 'E' PREFIX TO NEW PANEL EM-TECHI.

#### SHEET NOTES

- REFER TO MECHANICAL EQUIPMENT CONNECTION SCHEDULE FOR ELECTRICAL CIRCUITING AND WIRING REQUIREMENTS. TELECOM GROUNDING BUSBAR, COORDINATE FINAL LOCATION IN ROOM WITH TECHNOLOGY EQUIPMENT INSTALLER. REFER TO GROUNDING DETAIL AND GROUNDING BUSBAR DETAIL FOR
- RECONNECT EXISTING RECEPTACLES TO NEW NORMAL POWER BRANCH CIRCUITRY IN NEW PANELS INSTALLED COMPLETE AS REQUIRED, MAXIMUM 1400W PER 120 VOLT CIRCUIT. WHERE NECESSARY, DUE TO LIMITATIONS IN THE EXISTING BRANCH CIRCUITRY, THIS CONTRACTOR SHALL FURNISH AND INSTALL 20A-1 POLE CIRCUIT BREAKERS AS REQUIRED IN NEW PANEL AND EXTEND 2 \*12 AND 1 \*12 GRD IN 3 CONDUIT COMPLETE AS REQUIRED. VERIFY CONDITIONS AND REQUIREMENTS IN FIELD.
- INSTALL EXISTING HAND DRYER(S) ORIGINALLY RETAINED DURING DEMOLITION. PROVIDE NEW CIRCUIT AS INDICATED



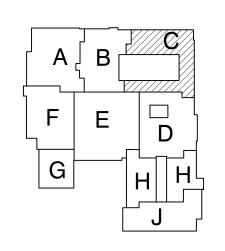
**GIBRALTAR** 

DESIGN ARCHITECTURE • ENGINEERING • INTERIOR DESIGN

(219) 924-8400

**LIBERTY** INTERMEDIATE SCHOOL -**ADDITIONS &** RENOVATIONS

DUNELAND SCHOOL CORPORATION CHESTERTON, INDIANA



KEY PLAN

GIBRALTAR 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

04/25/22 COORDINATED DRAWN B

CHECKED BY COPYRIGHT NOTICE:

THE CONCEPTS, DESIGNS, PLANS, DETAILS, ETC, SHOWN ON THIS DOCUMENT ARE THE PROPERTY OF GIBRALTAR DESIGN AND WERE CREATED FOR USE ON THIS SPECIFIC PROJECT. NONE OF THIS INFORMATION SHALL BE USED BY ANY PERSON OR FIRM FOR ANY PURPOSE WITHOUT THE EXPRESS WRITTEN CONSENT OF GIBRALTAR DESIGN. THE OWNER MAY RETAIN COPIES FOR INFORMATION AND REFERENCE IN CONNECTION ONLY WITH THIS PROJECT

MARK DATE ISSUED FOR |AD-1|05/05/22|ADDENDUM NO. 1AD-3 | 05/12/22 | ADDENDUM NO. 3AD-4 | 05/18/22 | ADDENDUM NO. 4AD-7 | 06/06/22 | ADDENDUM NO. 7

DRAWING

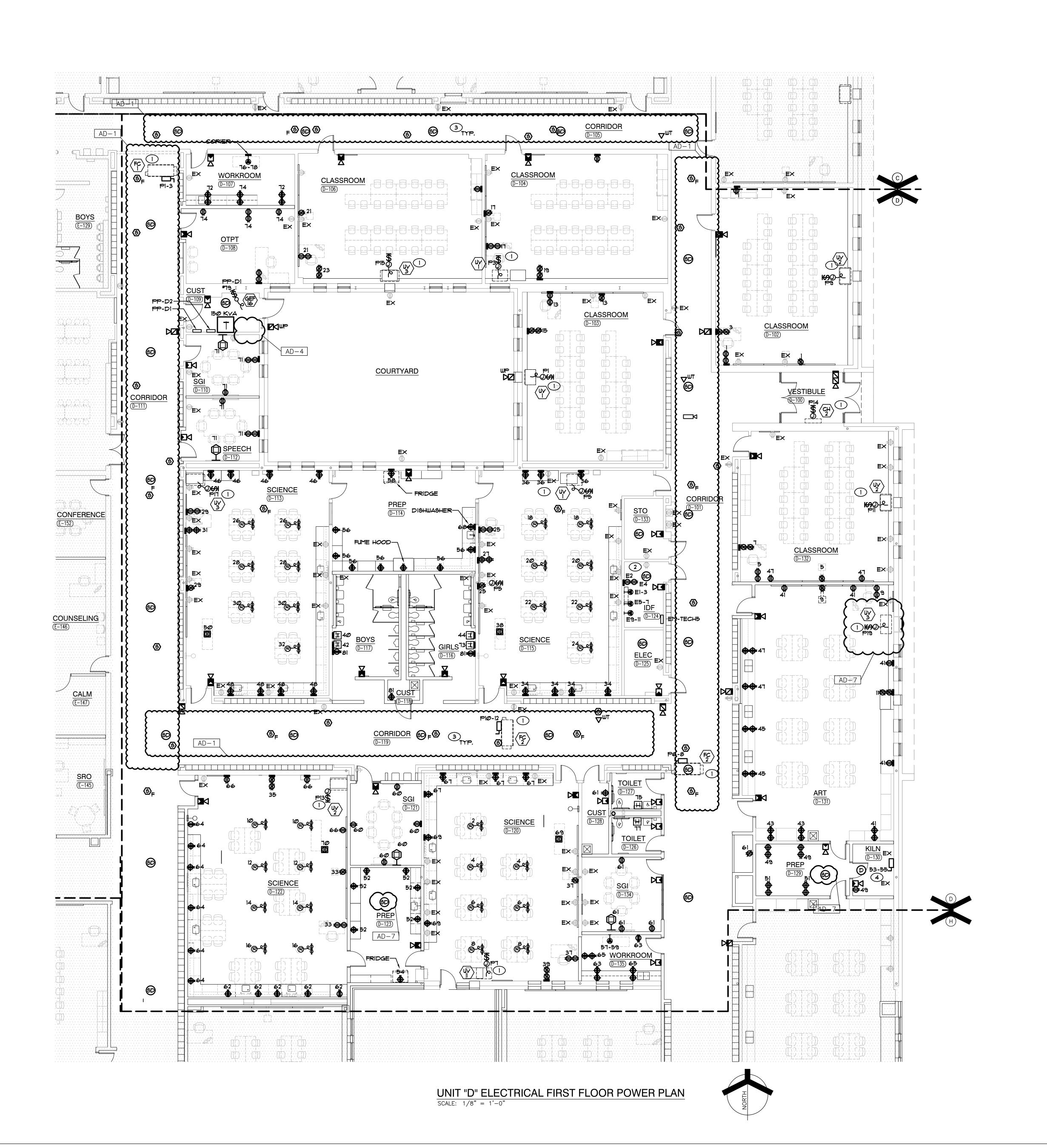
UNIT "C" ELECTRICAL FIRST FLOOR POWER PLAN

PROJECT LIBERTY IS -ADDITIONS & RENOVATIONS

GIBRALTAR DESIGN

Copyright © 2022 Millies Engineering Group

SHEET EP103



## **GENERAL NOTES**

- CIRCUIT ALL DEVICES TO PANEL PP-DI UNLESS OTHERWISE NOTED.
  DEVICES AND EQUIPMENT CIRCUIT TAGS WITH A 'P' PREFIX SHALL BE
  CONNECTED TO PP-D2.
- 2. REFER TO LOW YOLTAGE DRAWING FOR ROUGH-IN AND RACEWAY INFORMATION FOR ACCESS CONTROL, SOUND SYSTEMS, TECHNOLOGY SYSTEMS AND EQUIPMENT. SEE TECHNOLOGY DRAWINGS AND SPECIFICATIONS FOR LOCATIONS OF DEVICES/EQUIPMENT, MOUNTING HEIGHTS AND ELECTRICAL REQUIREMENTS. COORDINATE AND VERIFY EXACT LOCATIONS OF ALL OF THESE ROUGH-INS AND REQUIREMENTS WITH TECH DYNE, ARCHITECT, OWNER, CONSTRUCTION MANAGER AND DIVISION 21 CONTRACTOR PRIOR TO ROUGH-IN.
- 3. ALL DEVICES WITH BOX BASES SHALL BE SURFACE MOUNTED TO THE EXISTING WALL. CONTRACTOR SHALL PROVIDE NEW NEATLY ROUTED SURFACE RACEWAY AND SURFACE RACEWAY BACKBOXES FOR NEW DEVICES LOCATED ON EXISTING WALLS. CONTRACTOR SHALL VERIFY EXACT ROUTING OF SURFACE RACEWAY WITH ARCHITECT PRIOR TO INSTALLATION.
- 4. CIRCUIT ALL DEVICES WITH A 'E' PREFIX TO NEW PANEL EM-TECHI.

#### SHEET NOTES

REFER TO MECHANICAL EQUIPMENT CONNECTION SCHEDULE FOR ELECTRICAL CIRCUITING AND WIRING REQUIREMENTS.

- 2. TELECOM GROUNDING BUSBAR, COORDINATE FINAL LOCATION IN ROOM WITH TECHNOLOGY EQUIPMENT INSTALLER. REFER TO GROUNDING DETAIL AND GROUNDING BUSBAR DETAIL FOR ADDITIONAL INFORMATION.
- 3. RECONNECT EXISTING RECEPTACLES TO NEW NORMAL POWER BRANCH CIRCUITRY IN NEW PANELS INSTALLED COMPLETE AS REQUIRED, MAXIMUM 1400W PER 120 YOLT CIRCUIT. WHERE NECESSARY, DUE TO LIMITATIONS IN THE EXISTING BRANCH CIRCUITRY, THIS CONTRACTOR SHALL FURNISH AND INSTALL 20A-1 POLE CIRCUIT BREAKERS AS REQUIRED IN NEW PANEL AND EXTEND 2 \*\*12 AND 1 \*\*12 GRD IN 3\*\* CONDUIT COMPLETE AS REQUIRED. VERIFY CONDITIONS AND REQUIREMENTS IN FIELD.
- 4. 40A/2P KILN SPECIAL PURPOSE RECEPTACLE SHOWN FOR INFORMATION ONLY. COORDINATE WITH EQUIPMENT IN FIELD FOR ELECTRICAL REQUIREMENTS.



GIBRALTAR

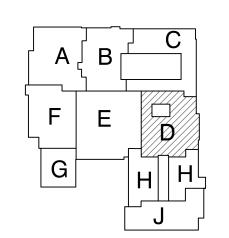


DESIGN

ENGINEERING GROU (219) 924-8400 www.milliesengineeringgrou

LIBERTY
INTERMEDIATE
SCHOOL ADDITIONS &
RENOVATIONS

DUNELAND SCHOOL CORPORATION CHESTERTON, INDIANA

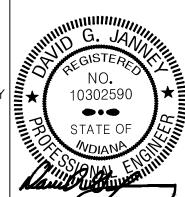


KEY PLAN

GIBRALTAR 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
21-139
DATE
04/25/22
COORDINATED BY
JC
DRAWN BY



COPYRIGHT NOTICE:

THE CONCEPTS, DESIGNS, PLANS, DETAILS, ETC, SHOWN ON THIS DOCUMENT ARE THE PROPERTY OF GIBRALTAR DESIGN AND WERE CREATED FOR USE ON THIS SPECIFIC PROJECT. NONE OF THIS INFORMATION SHALL BE USED BY ANY PERSON OR FIRM FOR ANY PURPOSE WITHOUT THE EXPRESS WRITTEN CONSENT OF GIBRALTAR DESIGN. THE OWNER MAY RETAIN COPIES FOR INFORMATION AND REFERENCE IN CONNECTION ONLY WITH THIS PROJECT.

REVIS	IONS	
MARK	DATE	ISSUED FOR
AD-1	05/05/22	ADDENDUM NO. 1
AD-4	05/18/22	ADDENDUM NO. 4
AD-7	06/06/22	ADDENDUM NO. 7

DRAWING

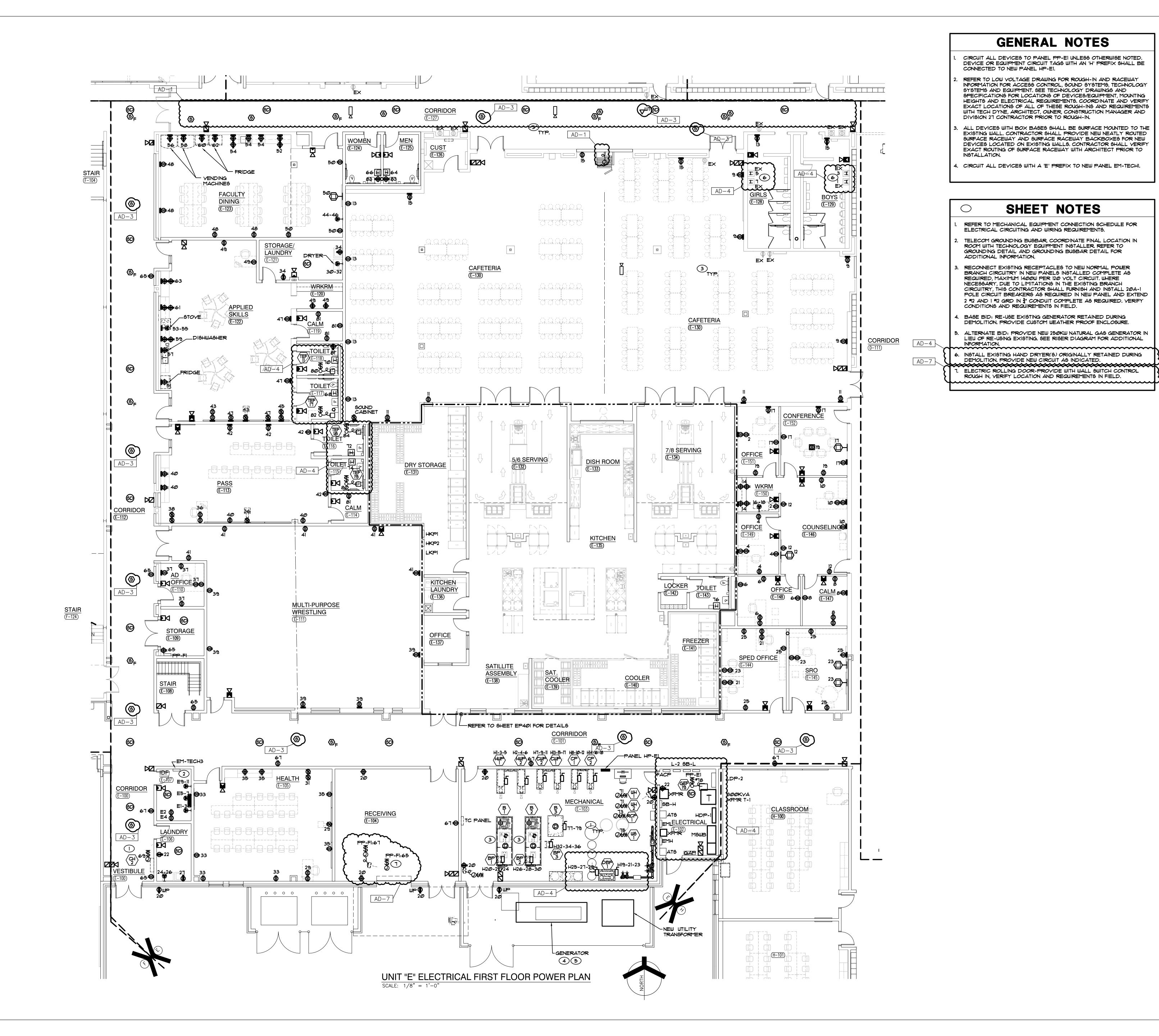
UNIT "D" ELECTRICAL
FIRST FLOOR POWER
PLAN

PROJECT
LIBERTY IS ADDITIONS & RENOVATIONS

LTAR DESIGN

Copyright © 2022 Millies Engineering Group

EP104





DESIGN

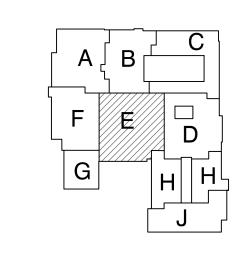
ARCHITECTURE • ENGINEERING • INTERIOR DESIGN



ENGINEERING GR (219) 924-8400 www.milliesengineeringgi

LIBERTY
INTERMEDIATE
SCHOOL ADDITIONS &
RENOVATIONS

DUNELAND SCHOOL CORPORATION CHESTERTON, INDIANA



KEY PLAN

GIBRALTAR DESIGN
9102 N. Meridian St., Ste. 300

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
21-139
DATE
04/25/22
COORDINATED BY
JC
DRAWN BY

COPYRIGHT NOTICE:

THE CONCEPTS, DESIGNS, PLANS, DETAILS, ETC, SHOWN ON THIS DOCUMENT ARE THE PROPERTY OF GIBRALTAR DESIGN AND WERE CREATED FOR USE ON THIS SPECIFIC PROJECT. NONE OF THIS INFORMATION SHALL BE USED BY ANY PERSON OR FIRM FOR ANY PURPOSE WITHOUT THE EXPRESS WRITTEN CONSENT OF GIBRALTAR DESIGN. THE OWNER MAY RETAIN COPIES FOR INFORMATION AND REFERENCE IN CONNECTION ONLY WITH THIS PROJECT.

10302590

REVIS	IONS		
MARK	DATE	ISSUED FOR	
AD-1	05/05/22	ADDENDUM NO	 Э. 1
AD-3	05/12/22	ADDENDUM NO	D. 3
AD-4	05/18/22	ADDENDUM NO	D. 4
AD-7	06/06/22	ADDENDUM NO	D. 7

DRAWING

UNIT "E" ELECTRICAL FIRST FLOOR POWER PLAN

PROJECT
LIBERTY IS ADDITIONS & RENOVATIONS

RALTAR DESIGN

EP105

			MANUFACTURER SERIES	VDLTAGE/	LAMPS/CRUSS		
TAG	SYMBOL	DESCRIPTION	OR CATALOG NUMBER	BALLAST	SECTION	MOUNTING	REMARKS
EA	•		LITHONIA *D\$X2 LED-P2-4ØK-T3M-XVOLT-\$PA-XX HUBBELL *RAR \$ERIE\$ OR APPROVED EQUAL	277 VOLT	LED 4000K MIN 23,364LM MAX 185W	POLE MTD 25'-0" AFG	
EA-HS	•=	EXTERIOR LED FIXTURE MOUNTED ON A STRAIGHT, SQUARE ALUMINUM POLE WITH HOUSE SHIELD	LITHONIA *D\$X2 LED-P2-4ØK-T3M-XVOLT-\$PA-XX-H\$ HUBBELL *RAR \$ERIE\$ OR APPROVED EQUAL	277 VOLT	LED 4000K MIN 23,364LM MAX 185W	POLE MTD 25'-0" AFG	
	<del>~~~</del>	EXTERIOR LED DUAL-HEAD		27740L7		POLEMID	
		FIXTURE MOUNTED ON A STRAIGHT, SQUARE ALUMINUM POLE	*D6X2 LED-P3-40K-T4M-XVOLT-6PA-XX HUBBELL *RAR 6ERIE6 OR APPROVED EQUAL		4000K MIN27,657LM MAX 434W PER FIXTURE	25'-0' AFG	
EF-HS		EXTERIOR LED FIXTURE MOUNTED ON A STRAIGHT, SQUARE ALUMINUM POLE WITH HOUSE SHIELD	LITHONIA *D6X2 LED-P3-40K-T4M-XVOLT-6PA-XX-H6 HUBBELL *RAR SERIES OR APPROVED EQUAL	277 VOLT	LED 4000K MIN27,657LM MAX 217W	POLE MTD 25'-0" AFG	
	~~~	EXTERIOR LED FIXTURE HOUNTED		121110KE	<b>LED</b>	~ POLE-MED^	
EG	•		*D9X2 LED-P4-40K-T4M-XVOLT-SPA-XX HUBBELL *RAR SERIES OR APPROVED EQUAL		4000K MIN 32,683LM MAX 270W	25'-0" AFG	
ED	•—		LITHONIA *D6X2 LED-P2-4ØK-T3M-XVOLT-SPA-XX HUBBELL *RAR SERIES OR APPROVED EQUAL	277 <i>VO</i> LT	LED 4000K MIN 23365LM MAX 185W	POLE MTD 25'-Ø" AFG	-VERIFY FINISH WITH ARCHITECT.
EDI	-	SITE LIGHT FIXTURE	LITHONIA *DSXI LED-P2-40K-T3M-XVOLT-WBA-XX HUBBELL *RAR SERIES OR APPROVED EQUAL	277 VOLT	LED 4000K MIN 23365LM MAX 185W	WALL MTD AS NOTED 12'-0" AFG	-VERIFY FINISH WITH ARCHITECT.
EB		EXTERIOR LED WALL HOUNTED	#UST-P3-40K-VF-277-XX OR APPROVED EQUAL HUBBELL #TRP SERIES MCGRAW #166 SERIES	21+00L+	1000K MAX 53W	ABY. DOOR OR AS NOTED	-VERIFY FINISH WITH ARCHITECT.
EBI		LIGHT FIXTURE	LITHONIA #WST-PI-40K-VF-277-XX OR APPROVED EQUAL HUBBELL #TRP SERIES MCGRAW #199 SERIES	277 <i>VO</i> LT	LED 4000K MAX 20W	WALL MTD ABY, DOOR OR AS NOTED	-VERIFY FINISH WITH ARCHITECT.
EC	0	LED 6' DOWNLIGHT WITH TRIM FINISH TO BE SELECTED BY ARCHITECT	LITHONIA *LDN6-50-15-L06-XX-LSS-MVOLT-EZI LITEISTRY*LTR-6RD-H-SLI5L-DMI-LTR-6RD-T-SL -40K8-MD-S HALO *HC615D010 / HM612850 / 61MDHWF	277 VOLT	LED 4000K MAX 18W MIN 1500LM	RECESSED CANOPY MOUNTED	-VERIFY TRIM FINIS WITH ARCHITECT
	<b>~~~</b>	LED EVIEDIOD EL AC DOLE	I ITI IONII A	~~~	****		*****
EE	•<	LED EXTERIOR FLAG POLE FLOODLIGHT	LITHONIA *D\$XF2 LED-P3-40K-N\$P-MVOLT-XX-XX-FV-XX OR APPROVED EQUAL BY HUBBELL *RFL \$ERIE\$ LUMARK *NFFLD \$ERIE\$	120 VOLT	LED 4000K MIN 11900LM MAX 102W	GRADE MTD	-WET LOCATION -COLD TEMPERATI

## LIGHTING FIXTURE GENERAL NOTES

- 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 POLES SHALL BE PROVIDED WITH STRAIGHT SQUARE ALUMINUM POLES WITH CAST BASE COVERS AND VIBRATION DAMPENERS. THE POLES SHALL BE SIZED PROPERLY TO SUPPORT FIXTURE WEIGHT AT 100 MPH WIND WITH A 1.3 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 FRAMES FOR LAY-IN OR GYPSUM CEILINGS. VERIFY CEILING REQUIREMENTS WITH FINAL ARCHITECTURAL REFLECTED CEILING PLAN.
- 1. 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), FORCE CHICAGO (312.986.1515) OR PG ENLIGHTEN (847.228.1199).
- 17. CAREFULLY VERIFY COLOR TEMPERATURE OF FIXTURES WITH ARCHITECT PRIOR TO ORDERING.

		INTERIO	OR LIGHTING LUMINA	AIRE S	CHEDI	JLE	
TAG	SYMBOL	DESCRIPTION	MANUFACTURER SERIES  OR CATALOG NUMBER	VOLTAGE/ BALLAST	LAMPS/CROSS SECTION	MOUNTING	REMARKS
ДД	0	2' × 4' LED DIRECT/INDIRECT FIXTURE	LITHONIA *2BLT4-60L-ADP-EZI-LP840 METALUX *CRUZE SERIES COLUMBIA *LCAT SERIES	120/277 VOLT Ø-10V DIM - -	LED 4000K MAX 48 W MIN 6000 LM	RECESSED LAY-IN	- - - -
ДДІ	0	2' X 4' LED DIRECT/INDIRECT FIXTURE	LITHONIA *2BLT4-48L-ADP-EZI-LP840 METALUX *CRUZE SERIES COLUMBIA *LCAT SERIES	120/277 VOLT 0-10V DIM	LED 4000K MAX 38 W MIN 4800 LM	RECESSED LAY-IN	- - -
<b>AA2</b>	0	2' × 4' LED DIRECT/INDIRECT FIXTURE	LITHONIA *2BLT4-4ØL-ADP-EZI-LP84Ø METALUX *CRUZE SERIES COLUMBIA *LCAT SERIES	120/277 VOLT 0-10V DIM	LED 4000K MAX 32 W	RECESSED LAY-IN	- - -
<i>A A</i> 3	•	2' X 4' LED DIRECT/INDIRECT FIXTURE	LITHONIA *2BLT4-48L-ADP-EZI-LP850 METALUX *CRUZE SERIES COLUMBIA *LCAT SERIES	120/277 YOLT 0-10Y DIM	MIN 4000 LM  LED 5000K  MAX 38 W  MIN 4800 LM	RECESSED LAY-IN	- - - -
<b>A</b> A4	•	2' × 4' LED DIRECT/INDIRECT FIXTURE	LITHONIA *2BLT4-T2L-ADP-EZI-LP840 METALUX *CRUZE SERIES COLUMBIA *LCAT SERIES	120/277 VOLT 0-10V DIM	LED 4000K CRI +85 MIN 7200 LM	RECESSED LAY-IN	- - -
<i>A A</i> 5	0	2' X 4' LED DIRECT/INDIRECT FIXTURE	LITHONIA *2BLT4-85L-ADP-EZI-LP840 METALUX *CRUZE SERIES COLUMBIA *LCAT SERIES	120/277 VOLT 0-10V DIM	LED 4000K CRI +85 MIN 8500 LM	RECESSED LAY-IN	- - -
AB	0	2' × 2' LED DIRECT/INDIRECT FIXTURE	LITHONIA *2BLT2-48L-ADP-EZI-LP840 METALUX *CRUZE SERIES COLUMBIA *LCAT SERIES	120/277 VOLT 0-10V DIM -	LED 4000K CRI +85 MIN 4800 LM	RECESSED LAY-IN	- - -
ABI	0	2' X 2' LED DIRECT/INDIRECT FIXTURE	LITHONIA *2BLT2-6ØL-ADP-EZI-LP84Ø METALUX *CRUZE SERIES COLUMBIA *LCAT SERIES	120/277 VOLT 0-10V DIM -	LED 4000K CRI +85 MIN 6000 LM	RECESSED LAY-IN	- - - -
AB2	0	2' X 2' LED DIRECT/INDIRECT FIXTURE	LITHONIA *2BLT2-20L-ADP-EZI-LP840 METALUX *CRUZE SERIES COLUMBIA *LCAT SERIES	120/277 VOLT 0-10V DIM -	LED 4000K CRI +85 MIN 2000 LM	RECESSED LAY-IN	- - - -
AC	0	2' X 4' LED LENSED KITCHEN TROFFER FIXTURE WITH INVERTED LENS AND TRIPLE	LITHONIA *2GTL4-88L-RW-A19INV-MVOLT-5LD- LP840-ABC COLUMBIA *LJT24-40XLG-F5A19INV-ED1-U-G3	120/277 VOLT BI-LEVEL SWITCHING	LED 4000K CRI +85	RECESSED LAY-IN	-INVERTED LENS AND TRIPLE GASKETING
		GASKETING  2' × 4' LED LENSED KITCHEN  TROFFER FIXTURE WITH	METALUX *24GR SERIES LITHONIA *2GTL4-60L-RW-AI9INV-MVOLT-SLD-LP840-ABC	120/277 VOLT BI-LEVEL	MIN 8800 LM	RECESSED LAY-IN	- -INVERTED LENS AND TRIPLE GASKETING
ACI	0	INVERTED LENS AND TRIPLE GASKETING 2' × 4' LED LENSED KITCHEN	COLUMBIA *LJT24 SERIES METALUX *24GR SERIES	SWITCHING -	CRI +85 MIN 6000 LM	· 	-
AC2	0	TROFFER FIXTURE WITH	LITHONIA *2GTL4-100L-RW-A19INV-MVOLT-SLD- LP840-ABC COLUMBIA *LJT24 SERIES METALUX *24GR SERIES	120/277 VOLT BI-LEVEL SWITCHING -	LED 4000K CRI +85 MIN 10000LM	RECESSED LAY-IN	-INVERTED LENS AND TRIPLE GASKETING - -
AD		1' × 4' LED DIRECT/INDIRECT FIXTURE	LITHONIA *BLT4-40L-ADP-EZI-LP840 METALUX *CRUZE SERIES COLUMBIA *LCAT SERIES	120/277 VOLT 0-10V DIM - -	LED 4000K MAX 38 W MIN 4000 LM	RECESSED LAY-IN	- - -
CA	0	6' DIAMETER LED DOWNLIGHT WITH SEMI-SPECULAR ALZAK REFLECTOR, IRIDESCENT FREE FINISH, & WHITE FLANGE	LITHONIA *LDN6-40-15-L06-AR-LSS-MVOLT -EZIØ-XX LITEISTRY *LTR-6RD-H-SL-15L-DMØ1 / LTR-6RD-T-SL-4ØK-8-MD-SS-WT-B24 PORTFOLIO *LD6B SERIES	120/277 VOLT 0-10V DIM - -	LED 4000K MAX 18 W MIN 1500 LM	RECESSED LAY-IN/ DRYWALL	-VERIFY TRIM FINISH WITH ARCHITECT
CB	0	4' DIAMETER LED SHOWER DOWNLIGHT	GOTHAM "EVO4SH-40/10-DFF-SMO-MVOLT-EZIO LITEISTRY "LTR-4RD-H-SL-10L-DM01 / LTR-4RD-T-SL-40K-8-NR-SS-WT-B24 OR APPROVED EQUAL	120/277 VOLT 0-10V DIM - -	LED 4000K MAX 9 W MIN 1000 LM	RECESSED LAY-IN/ DRYWALL	-VERIFY TRIM FINISH WITH ARCHITECT -WET LOCATION
FA	<b>₩</b>	LINEAR LED FIXTURE FOR DISPLAY CASE WITH 45 DEG. EXTRUSION AND CONTINUOUS LENGTHS AS SHOWN	OPTIC ARTS *LLT2-HO-4K-X-X-X-X-X Q-TRAN *SW 24-5.0-DRY-40K / VEVE-FR OR APPROVED EQUAL PROVIDE WITH POWER SUPPLIES AND ALL ACCESSORIES AS REUQIRED	120/277 YOLT 0-107 DIM	LED 4000K MAX 4.5W/FT MIN 440 LM/FT	SURFACE - -	-VERIFY FINISH WITH ARCHITECT -COORDINATE MOUNTING WITH CASEWORK
PA	<b>□</b>	4', LED INDUSTRIAL FIXTURE WITH WIREGUARD AND SAFETY CHAINS	LITHONIA *CLX-L48-7000LM-SEF-FDL-MYOLT -GZI0-40K-80CRI-XX-XX COLUMBIA *MPS-4-40VL-F-W-EDI / MPSWG4 / CM489CF3-KIT METALUX *SNLED SERIES	120/277 YOLT 0-10Y DIM	LED 4000K MAX 49W MIN 7000 LM	'Y' CHAIN SUSPEND -	-COORD LOCATIONS WITH DUCTWORK & PIPING
PAI	₩	4', LED INDUSTRIAL FIXTURE WITH WIREGUARD AND SAFETY CHAINS	LITHONIA *CLX-L48-10000LM-SEF-FDL-MYOLT -GZ10-40K-80CRI-XX-XX COLUMBIA *MPS-4 SERIES METALUX *SNLED SERIES	120/277 YOLT Ø-10Y DIM -	LED 4000K MAX 49W MIN 10000LM	'Y' CHAIN SUSPEND -	-COORD LOCATIONS WITH DUCTWORK & PIPING
PB	0	LED HIGH BAY FIXTURE WITH WIREGUARD AND SAFETY CABLE	LITHONIA *1BG-36L-SEF-AFL-GND-MVOLT-GZIØ- 40K-80CRI-WGX-XX-XX COLUMBIA *PEL4 SERIES METALUX *OHB SERIES	120/277 VOLT 0-10V DIM - -	LED 4000K CRI +85 MIN 36000 LM		-PROVIDE WIREGUARD AND SAFETY CABLE - -
PB1	0	LED HIGH BAY FIXTURE WITH WIREGUARD AND SAFETY CABLE	LITHONIA *BG-48L-SEF-AFL-GND-MYOLT-GZIØ- 40K-80CRI-WGX-XX-XX COLUMBIA *PEL4 SERIES METALUX *OHB SERIES	120/277 YOLT Ø-10Y DIM - -	LED 4000K CRI +85 MIN 48000 LM		-PROVIDE WIREGUARD AND SAFETY CABLE - -
<b>-</b> C	O	DIRECT/INDIRECT PENDANT FIXTURE	MARK *\$4LID-XFT-M\$LX-80CRI-40K-400LMF I80CRI-I40K-II000LMF-MINI-\$CT-MYOLT-WHT FI/36A-RDCY-WHTCY-WCRD NULITE *RP44-B-03/10-L40-U-D-XX-FRF-WH-XX OR APPROVED EQUAL	120/277 VOLT 0-10V DIM -	LED 4000 K MIN 1200LM/FT MAX 12W/FT	SUSPENDED VERIFY W/ ARCHITECT	-PROVIDE LENGTHS AS SHOWN ON DRAWINGS -VERIFY FINISH WITH ARCHITECT -
×A	⊗ 🌣	SINGLE FACE EXIT, GREEN LETTERING, BLACK FINISH, AC ONLY	DUAL-LITE *SE-S-R-B LITHONIA *LE-S-X-1-R-ELN-X OR APPROVED EQUAL BY SURE-LITES	MV VOLT	LED MAX 3W - -	CEILING/ WALL - -	-VERIFY FINISH WITH ARCHITECT -PROVIDE WITH ARROWS AS REQUIRED
XB	•	DUAL FACE EXIT, GEEN LETTERING, BLACK FINISH, AC ONLY	DUAL-LITE *SE-D-R-B LITHONIA *LE-S-2-R OR APPROVED EQUAL BY SURE-LITES	MV VOLT	LED MAX 3W - -	CEILING/ WALL - -	-VERIFY FINISH WITH ARCHITECT -PROVIDE WITH ARROWS AS REQUIRED
×c	ъ	EXTERIOR TWIN HEAD EMERGENCY LIGHT	LITHONIA "ELMRW-SP640L-XX-T OR APPROVED EQUAL	MV VOLT	LED MAX TW - -	CEILING/ WALL - -	-VERIFY FINISH WITH ARCHITECT
EM		FIXTURE ON EMERGENCY LIFE SAFETY GENERATOR CIRCUIT WITH UL924 BYPASSES AS REQUIRED	-	12 <i>0/</i> 277 YOLT	-	IN FIXTURE/ REMOTE	-PROVIDE TEST SWITCH AND CHARGING INDICATOR
NL		CONSTANT HOT, UNSWITCHED					



**GIBRALTAR** 

DESIGN

ARCHITECTURE • ENGINEERING • INTERIOR DESIGN

LIBERTY INTERMEDIATE SCHOOL -**ADDITIONS &** RENOVATIONS

DUNELAND SCHOOL CORPORATION CHESTERTON, INDIANA

GIBRALTAR 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 - 13904/25/22

REVISIONS

COORDINATED 10302590 DRAWN BY MS CHECKED BY

MARK DATE ISSUED FOR

COPYRIGHT NOTICE: THE CONCEPTS, DESIGNS, PLANS, DETAILS, ETC, SHOWN ON THIS DOCUMENT ARE THE PROPERTY OF GIBRALTAR DESIGN AND WERE CREATED FOR USE ON THIS SPECIFIC PROJECT. NONE OF THIS INFORMATION SHALL BE USED BY ANY PERSON OR FIRM FOR ANY PURPOSE WITHOUT THE EXPRESS WRITTEN CONSENT OF GIBRALTAR DESIGN. THE OWNER MAY RETAIN COPIES FOR INFORMATION AND REFERENCE IN CONNECTION ONLY WITH THIS PROJECT.

•••

|AD-4|05/18/22|ADDENDUM NO. 4|AD-7|06/06/22|ADDENDUM NO. 7

ELECTRICAL NOTES & SCHEDULES

LIBERTY IS -ADDITIONS & RENOVATIONS

© GIBRALTAR DESIGN SHEET

Copyright © 2022 Millies Engineering Group

E-601