

ADDENDUM NO. 4

May 19, 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 4-1 through ADD 4-4 and attached Addendum No. 4 from Gibraltar Design dated May 18, 2022 and consisting of 4 pages and 47 drawings.

A. SPECIFICATION SECTION 00 10 00 – INDIANA INSTRUCTIONS TO BIDDERS

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 **13** calendar days after receipt of bids.
 - 2. Construction shall be complete within **622** 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 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 **(13)** calendar days after receipt of bids.
 - 2. Construction shall be complete within **(622)** consecutive calendar days, or earlier, after Notice to Proceed.

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

a. **Delete:**

Clarification No. 26

b. **Add:**

Clarification No. 31:

All storm lines and structures that are required to service the base-bid work and reside within the boundaries of the “Future Scope of Work” on the construction documents are to be provided by the **Bid Category No. 1 Contractor** as base-bid.

c. **Add:**

Clarification No. 32:

The **Bid Category No. 1 Contractor** shall provide protection for all flooring that is scheduled to remain, including areas of existing LVT in corridors, wood floor in gymnasium and areas of terrazzo flooring in cafeteria and kitchen. Protection must be adequate for all contractors. Installation, relocation, and removal of temporary protection shall be coordinated with the Skillman site manager.

3. **BID CATEGORY NO. 2 – MASONRY**

a. **Add:**

Clarification No. 4:

The **Bid Category No. 2 Contractor** shall provide protection for winter conditions as indicated on the Guideline Schedule.

C. **SPECIFICATION SECTION 01 32 00 - SCHEDULES AND REPORTS**

1. **Replace:**

- a. Specification Section 01 32 00b Guideline Schedule with the attached Guideline Schedule dated May 19, 2022.
- b. Specification Section 01 32 00c Phasing Plan with the attached Phasing Plan dated May 19, 2022.

D. SPECIFICATION SECTION 01 53 10 – FENCES

1. Replace:

a. Specification Section 01 53 10 Paragraph 2.01 A with the following:

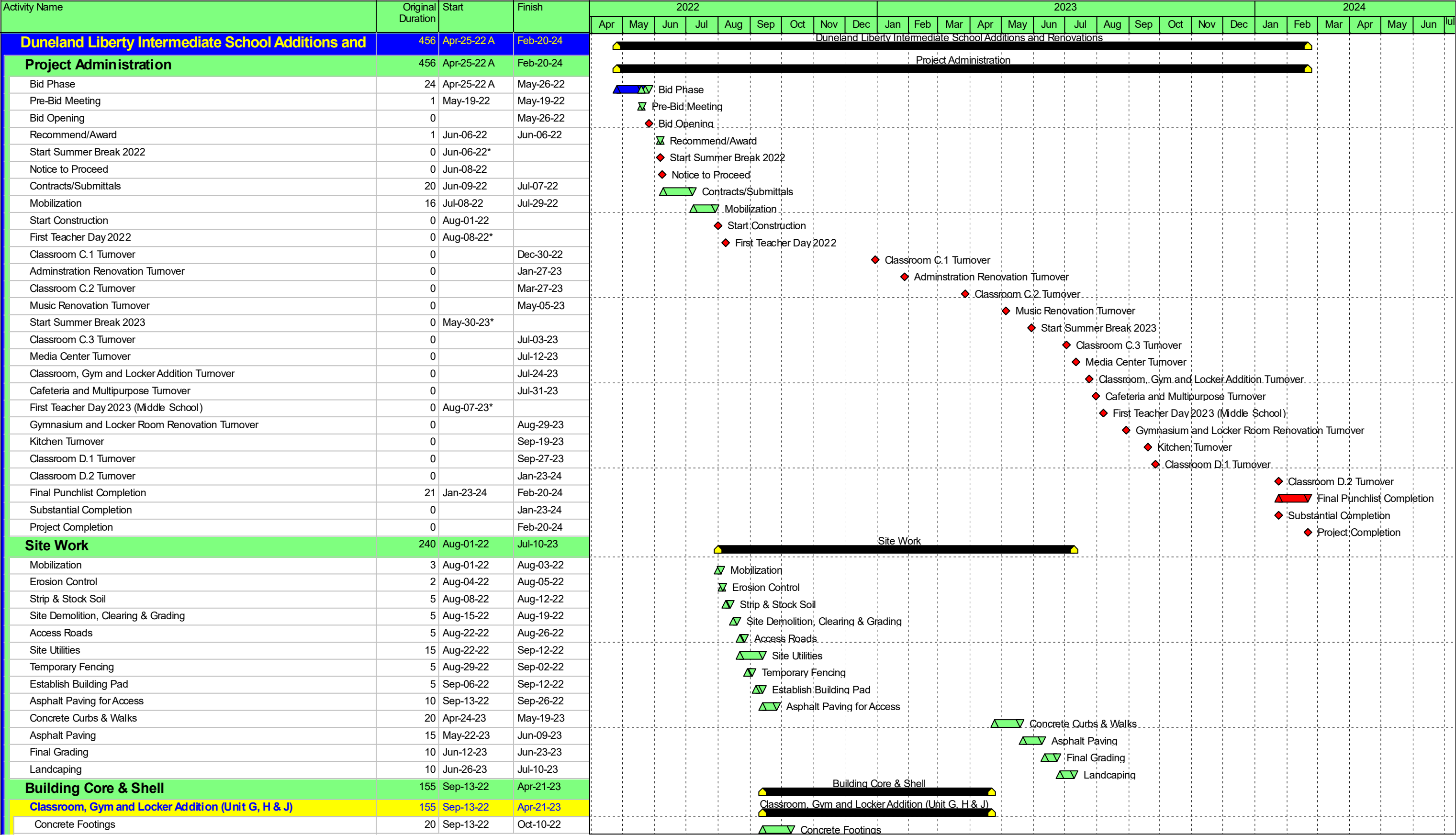
A. The **Bid Category No. 1 Contractor** shall provide the following:

- Reference the Site Logistics Plan (SL-1) included at the end of Section 01 55 00.
- Provide 6' high post driven fencing sections for permanent fencing as indicated on SL-1. Fencing Fabric is to be 9 ga. Galvanized wire mesh. Space posts and gates 6' o.c. To be removed at the end of the project.
- Provide 20'-0" gate/side openings at each location indicated on SL-1 (gate). Each opening shall contain two (2) 10'-0" leaves with forked plunger type latch to permit operation from either side of the gate with padlock eye as an integral part of latch.

E. 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 May 19, 2022.



Actual Work

Remaining Work

Critical Remaining Work

Milestone

Summary

220190.01-1 Duneland Liberty Intermediate School Additions and Renovations

Guideline Schedule May-19-22

SKILLMAN

Activity Name		Original Duration	Start	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			
	CMU Foundations	15	Oct-04-22	Oct-24-22																															
	Structural Steel & Framing	20	Oct-25-22	Nov-21-22																															
	Exterior CMU	15	Nov-22-22	Dec-14-22																															
	Exterior Stud Framing & Sheathing	15	Nov-22-22	Dec-14-22																															
	Roofing	20	Nov-22-22	Dec-21-22																															
	Face Brick	25	Dec-15-22	Jan-20-23																															
	Exterior Entrances	15	Dec-22-22	Jan-13-23																															
	Exterior Windows	15	Jan-23-23	Feb-10-23																															
	EIFS	20	Mar-27-23	Apr-21-23																															
Interior Build Out		391	Aug-01-22	Feb-06-24																															
Classroom, Gym and Locker Addition (Unit G, H & J)		170	Nov-22-22	Jul-24-23																															
Underground Utilities		15	Nov-22-22	Dec-14-22																															
Slab on Grade		15	Dec-15-22	Jan-06-23																															
Interior CMU Walls		15	Jan-09-23	Jan-27-23																															
Interior Metal Stud Framing		20	Jan-09-23	Feb-03-23																															
Ductwork		25	Jan-09-23	Feb-10-23																															
In-Wall Electrical Rough-ins		20	Jan-09-23	Feb-03-23																															
Drywall & Tape		25	Feb-06-23	Mar-10-23																															
Overhead Mechanical Piping		20	Feb-13-23	Mar-10-23																															
Overhead Plumbing Piping		20	Feb-13-23	Mar-10-23																															
Overhead Electrical/Technology Rough-ins		20	Feb-13-23	Mar-10-23																															
Painting		25	Mar-13-23	Apr-14-23																															
Ceilings		20	Apr-17-23	May-12-23																															
Light Fixures		20	Apr-17-23	May-12-23																															
Diffusers and Grilles		20	Apr-17-23	May-12-23																															
Technology and Sound Equipment		20	Apr-17-23	May-12-23																															
Casework		20	May-15-23	Jun-09-23																															
Markerboards and Tackboards		15	May-15-23	Jun-02-23																															
Unit Ventilators		15	May-15-23	Jun-02-23																															
Plumbing Fixtures		5	Jun-12-23	Jun-16-23																															
Flooring		25	Jun-12-23	Jul-17-23																															
Doors and Hardware		25	Jun-12-23	Jul-17-23																															
Restrooms		105	Nov-22-22	Apr-21-23																															
Underground Utilites		10	Nov-22-22	Dec-07-22																															
Slab on Grade		5	Dec-08-22	Dec-14-22																															
Plumbing Rough-ins		10	Dec-15-22	Dec-29-22																															
Interior CMU Walls		15	Dec-30-22	Jan-20-23																															
Painting		10	Jan-23-23	Feb-03-23																															
Wal Tile		15	Feb-06-23	Feb-24-23																															
Ceilings		10	Feb-27-23	Mar-10-23																											</				

Activity Name	Original Duration	Start	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								
Set Air Handling Unit	5	Dec-28-22	Jan-04-23											▲▼	Set Air Handling Unit																								
Interior CMU Walls	15	Jan-05-23	Jan-25-23											▲▼	Interior CMU Walls																								
Flooring	15	Jan-09-23	Jan-27-23											▲▼	Flooring																								
Doors and Hardware	5	Jan-09-23	Jan-13-23											▲▼	Doors and Hardware																								
Media Center	242	Aug-01-22	Jul-12-23																																				
Demolition	5	Aug-01-22	Aug-05-22					▲▼	Demolition																														
Perimeter Metal Stud Walls and Drywall	5	Aug-01-22	Aug-05-22					▲▼	Perimeter Metal Stud Walls and Drywall																														
Temp Power & Technology	5	Aug-01-22	Aug-05-22					▲▼	Temp Power & Technology																														
Ductwork	10	Aug-11-22	Aug-24-22					▲▼	Ductwork																														
Overhead Piping	10	Aug-16-22	Aug-29-22					▲▼	Overhead Piping																														
Overhead Electrical and Technology Feeds	10	Aug-16-22	Aug-29-22					▲▼	Overhead Electrical and Technology Feeds																														
Metal Stud Framing	10	May-30-23	Jun-12-23																▲▼	Metal Stud Framing																			
In-Wall Electrical Rough-Ins	10	May-30-23	Jun-12-23																▲▼	In-Wall Electrical Rough-Ins																			
Drywall and Tape	10	Jun-01-23	Jun-14-23																▲▼	Drywall and Tape																			
Painting	5	Jun-15-23	Jun-21-23																▲▼	Painting																			
Ceilings	10	Jun-19-23	Jun-30-23																▲▼	Ceilings																			
Light Fixtures	10	Jun-19-23	Jun-30-23																▲▼	Light Fixtures																			
Diffusers and Grilles	10	Jun-19-23	Jun-30-23																▲▼	Diffusers and Grilles																			
Casework and Millwork	5	Jun-22-23	Jun-28-23																▲▼	Casework and Millwork																			
Flooring	10	Jun-28-23	Jul-12-23																▲▼	Flooring																			
Plumbing Fixtures	3	Jun-29-23	Jul-03-23																▲▼	Plumbing Fixtures																			
Toilet Accessories	3	Jul-05-23	Jul-07-23																▲▼	Toilet Accessories																			
Doors and Hardware	5	Jul-05-23	Jul-11-23																▲▼	Doors and Hardware																			
Classroom C.1	95	Aug-22-22	Jan-06-23																																				
Demolition	5	Aug-22-22	Aug-26-22					▲▼	Demolition																														
Underground Utilities and Floor Patch	5	Aug-29-22	Sep-02-22					▲▼	Underground Utilities and Floor Patch																														
Metal Stud Framing	10	Sep-06-22	Sep-19-22					▲▼	Metal Stud Framing																														
Ductwork	10	Sep-06-22	Sep-19-22					▲▼	Ductwork																														
In-Wall Electrical Rough-Ins	10	Sep-06-22	Sep-19-22					▲▼	In-Wall Electrical Rough-Ins																														
Overhead Piping	10	Sep-20-22	Oct-03-22					▲▼	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-03-22					▲▼	Drywall and Tape																														
Painting	10	Oct-04-22	Oct-17-22					▲▼	Painting																														
Set Unit Ventilators	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 Millwork	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 Turnover	5	Dec-30-22	Jan-06-23					▲▼	Owner Turnover																														
Music/Band	105	Jan-09-23	Jun-02-23																																				
Demolition	10	Jan-09-23	Jan-20-23																▲▼	Demolition																			
Underground Utilities and Floor Patch	10	Jan-23-23	Feb-03-23																▲▼	Underground Utilities and Floor Patch																			
Metal Stud Framing	10	Feb-06-23	Feb-17-23																▲▼	Metal Stud Framing																			

- ▲▼

Actual Work
- ▲▼

Remaining Work
- ▲▼

Critical Remaining Work
- ◆

◆

Milestone
- ▲▼

Summary

220190.01-1 Duneland Liberty Intermediate School Additions and Renovations

Guideline Schedule May-19-22



Activity Name		Original Duration	Start	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								
Classroom C.1	Ductwork	10	Feb-06-23	Feb-17-23												▲▼	Ductwork																							
	In-Wall Electrical Rough-Ins	10	Feb-06-23	Feb-17-23												▲▼	In-Wall Electrical Rough-Ins																							
	Overhead Piping	10	Feb-20-23	Mar-03-23												▲▼	Overhead Piping																							
	Overhead Electrical and Technology Feeds	10	Feb-20-23	Mar-03-23												▲▼	Overhead Electrical and Technology Feeds																							
	Drywall and Tape	10	Feb-20-23	Mar-03-23												▲▼	Drywall and Tape																							
	Painting	10	Mar-06-23	Mar-17-23												▲▼	Painting																							
	Ceilings	10	Mar-20-23	Mar-31-23												▲▼	Ceilings																							
	Light Fixtures	10	Mar-20-23	Mar-31-23												▲▼	Light Fixtures																							
	Diffusers and Grilles	10	Mar-20-23	Mar-31-23												▲▼	Diffusers and Grilles																							
	Casework and Millwork	10	Apr-03-23	Apr-14-23												▲▼	Casework and Millwork																							
	Markerboards and Tackboards	5	Apr-03-23	Apr-07-23												▲▼	Markerboards and Tackboards																							
	Acoustical Wall Panels	10	Apr-03-23	Apr-14-23												▲▼	Acoustical Wall Panels																							
	Flooring	15	Apr-17-23	May-05-23												▲▼	Flooring																							
	Doors and Hardware	5	Apr-17-23	Apr-21-23												▲▼	Doors and Hardware																							
	Restrooms	85	Feb-06-23	Jun-02-23													▲▼	Restrooms																						
	Underground Utilites	10	Feb-06-23	Feb-17-23												▲▼	Underground Utilites																							
	Slab on Grade	5	Feb-20-23	Feb-24-23												▲▼	Slab on Grade																							
	Plumbing Rough-ins	10	Feb-27-23	Mar-10-23												▲▼	Plumbing Rough-ins																							
	Interior CMU Walls	12	Mar-06-23	Mar-21-23												▲▼	Interior CMU Walls																							
	Painting	10	Mar-13-23	Mar-24-23												▲▼	Painting																							
	Wal Tile	12	Mar-27-23	Apr-11-23												▲▼	Wal Tile																							
	Ceilings	10	Apr-10-23	Apr-21-23												▲▼	Ceilings																							
	Light Fixtures	10	Apr-10-23	Apr-21-23												▲▼	Light Fixtures																							
	Diffusers and Grilles	10	Apr-10-23	Apr-21-23												▲▼	Diffusers and Grilles																							
	Plumbing Fixtures	10	Apr-24-23	May-05-23												▲▼	Plumbing Fixtures																							
	Flooring	10	May-08-23	May-19-23												▲▼	Flooring																							
	Toilet Partitions	5	May-22-23	May-26-23												▲▼	Toilet Partitions																							
	Toilet Accessories	5	May-29-23	Jun-02-23												▲▼	Toilet Accessories																							
	Classroom C.2	60	Jan-09-23	Mar-31-23													▲▼	Classroom C.2																						
	Demolition	5	Jan-09-23	Jan-13-23												▲▼	Demolition																							
	Underground Utilities and Floor Patch	5	Jan-16-23	Jan-20-23												▲▼	Underground Utilities and Floor Patch																							
	Metal Stud Framing	5	Jan-23-23	Jan-27-23												▲▼	Metal Stud Framing																							
Ductwork	10	Jan-23-23	Feb-03-23												▲▼	Ductwork																								
In-Wall Electrical Rough-Ins	5	Jan-23-23	Jan-27-23												▲▼	In-Wall Electrical Rough-Ins																								
Overhead Piping	5	Feb-06-23	Feb-10-23												▲▼	Overhead Piping																								
Overhead Electrical and Technology Feeds	5	Feb-06-23	Feb-10-23												▲▼	Overhead Electrical and Technology Feeds																								
Drywall and Tape	5	Feb-06-23	Feb-10-23												▲▼	Drywall and Tape																								
Painting	5	Feb-13-23	Feb-17-23												▲▼	Painting																								
Ceilings	5	Feb-20-23	Feb-24-23												▲▼	Ceilings																								
Light Fixtures	5	Feb-20-23	Feb-24-23												▲▼	Light Fixtures																								
Diffusers and Grilles	5	Feb-20-23	Feb-24-23												▲▼	Diffusers and Grilles																								
Set Unit Ventilators	5	Feb-20-23	Feb-24-23												▲▼	Set Unit Ventilators																								
Casework and Millwork	5	Feb-27-23	Mar-03-23												▲▼	Casework and Millwork																								
Plumbing Fixtures	5	Mar-06-23	Mar-10-23												▲▼	Plumbing Fixtures																								
Toilet Accessories	5	Mar-13-23	Mar-17-23												▲▼	Toilet Accessories																								
Flooring	5	Mar-20-23	Mar-24-23												▲▼	Flooring																								
Doors and Hardware	5	Mar-20-23	Mar-24-23												▲▼	Doors and Hardware																								

▲▼ Actual Work

▲▼ Remaining Work

▲▼ Critical Remaining Work

◆ Milestone

▲▼ Summary

220190.01-1 Duneland Liberty Intermediate School Additions and Renovations

Guideline Schedule May-19-22



[illegible]

Activity Name		Original Duration	Start	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	
Classroom D.1	Set Unit Ventilators	5	Aug-09-23	Aug-15-23																													
	Ceilings	5	Aug-16-23	Aug-22-23																													
	Light Fixtures	5	Aug-16-23	Aug-22-23																													
	Diffusers and Grilles	5	Aug-16-23	Aug-22-23																													
	Casework and Millwork	5	Aug-23-23	Aug-29-23																													
	Plumbing Fixtures	5	Aug-30-23	Sep-05-23																													
	Toilet Accessories	5	Sep-06-23	Sep-12-23																													
	Wall Coverings	5	Sep-13-23	Sep-19-23																													
	Flooring	5	Sep-20-23	Sep-26-23																													
	Doors and Hardware	5	Sep-20-23	Sep-26-23																													
	Owner Turnover	5	Sep-27-23	Oct-03-23																													
	Classroom D.2		90	Oct-04-23	Feb-06-24																												
Demolition	10	Oct-04-23	Oct-17-23																														
Underground Utilities and Floor Patch	5	Oct-18-23	Oct-24-23																														
Metal Stud Framing	10	Oct-25-23	Nov-07-23																														
Ductwork	10	Oct-25-23	Nov-07-23																														
In-Wall Electrical Rough-Ins	5	Oct-25-23	Oct-31-23																														
Overhead Piping	10	Nov-08-23	Nov-21-23																														
Overhead Electrical and Technology Feeds	10	Nov-08-23	Nov-21-23																														
Drywall and Tape	10	Nov-08-23	Nov-21-23																														
Painting	10	Nov-22-23	Dec-05-23																														
Set Unit Ventilators	5	Dec-06-23	Dec-12-23																														
Ceilings	10	Dec-13-23	Dec-26-23																														
Light Fixtures	5	Dec-13-23	Dec-19-23																														
Diffusers and Grilles	5	Dec-13-23	Dec-19-23																														
Casework and Millwork	5	Dec-27-23	Jan-02-24																														
Plumbing Fixtures	5	Jan-03-24	Jan-09-24																														
Toilet Accessories	4	Jan-10-24	Jan-15-24																														
Wall Coverings	4	Jan-10-24	Jan-15-24																														
Flooring	5	Jan-16-24	Jan-22-24																														
Doors and Hardware	5	Jan-16-24	Jan-22-24																														
Owner Turnover	5	Jan-23-24	Jan-29-24																														
Restrooms		75	Oct-25-23	Feb-06-24																													
Underground Utilites	5	Oct-25-23	Oct-31-23																														
Slab on Grade	5	Nov-01-23	Nov-07-23																														
Plumbing Rough-ins	10	Nov-08-23	Nov-21-23																														
Interior CMU Walls	10	Nov-15-23	Nov-28-23																														
Painting	10	Nov-22-23	Dec-05-23																														
Wal Tile	15	Dec-06-23	Dec-26-23																														
Ceilings	10	Dec-20-23	Jan-02-24																														
Light Fixtures	10	Dec-20-23	Jan-02-24																														
Diffusers and Grilles	10	Dec-20-23	Jan-02-24																														
Plumbing Fixtures	10	Jan-03-24	Jan-16-24																														
Flooring	10	Jan-17-24	Jan-30-24																														
Toilet Partitions	5	Jan-31-24	Feb-06-24																														
Toilet Accessories	5	Jan-31-24	Feb-06-24																														

- ▲

Actual Work
- ▲

Remaining Work
- ▲

Critical Remaining Work
- ◆

◆

Milestone
- ▲

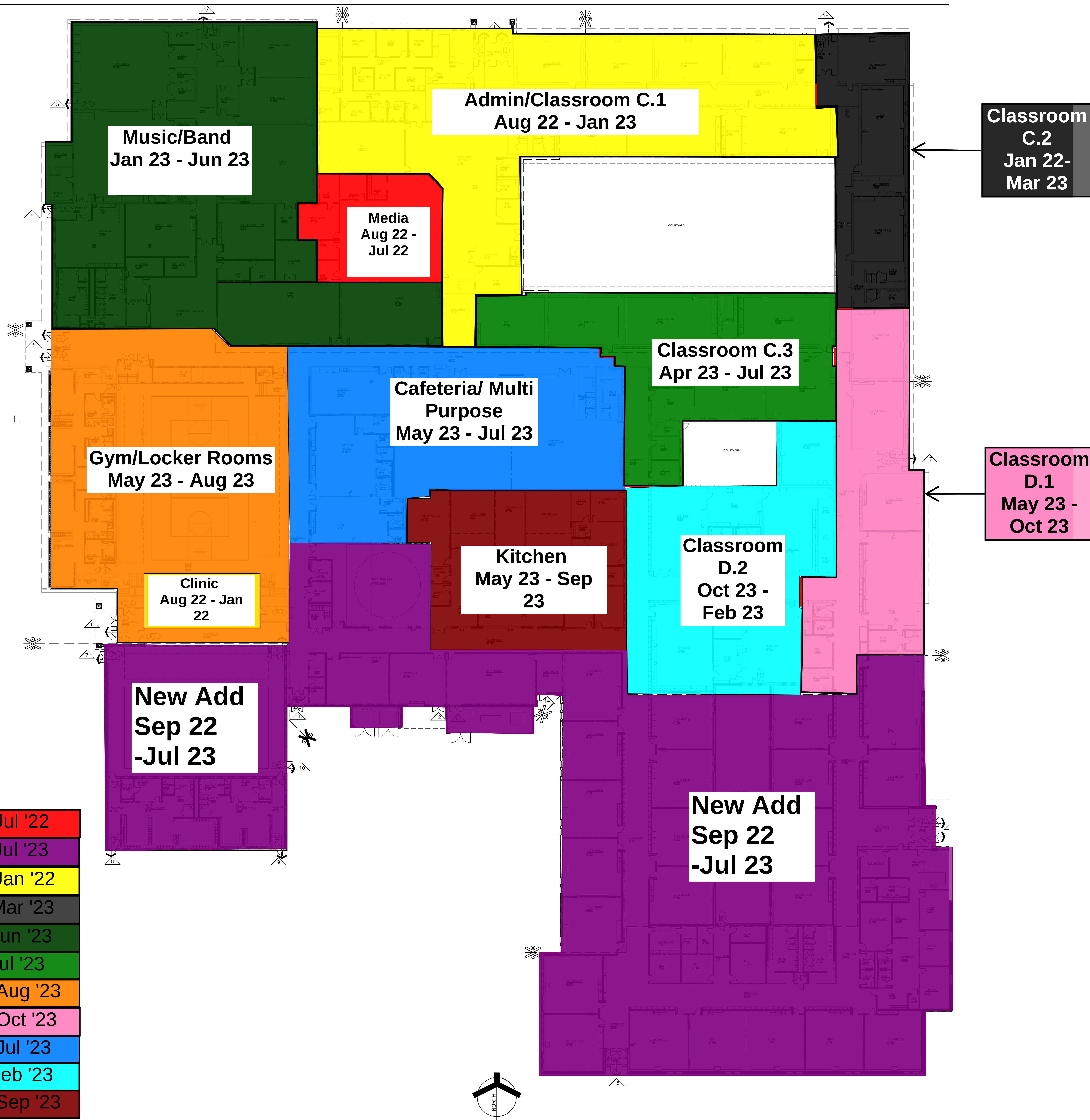
Summary

220190.01-1 Duneland Liberty Intermediate School Additions and Renovations

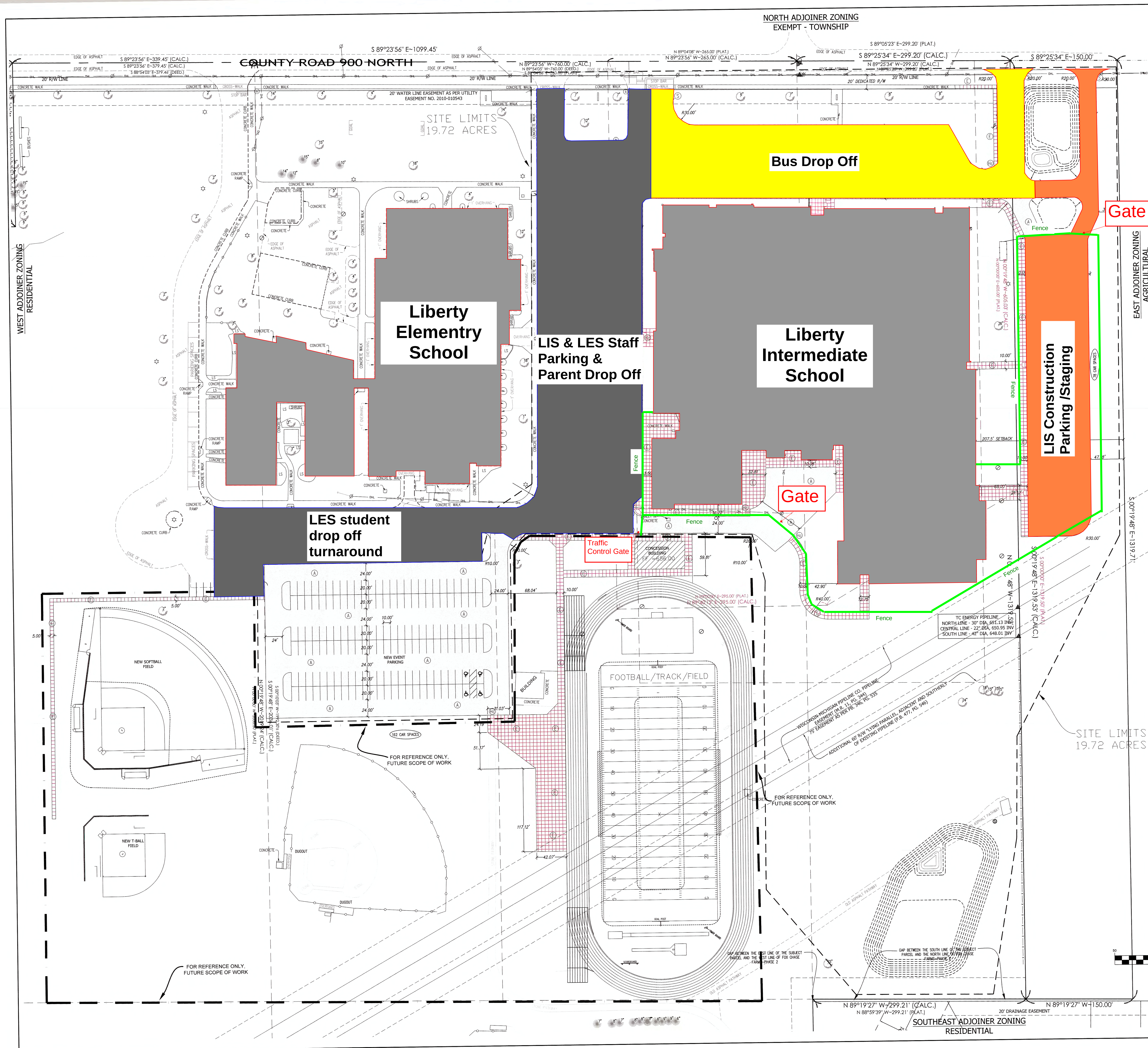
Guideline Schedule May-19-22



Monday, 3/14/2022 - 4:31 PM - LAST SAVED BY: KIMMONS
Y:\21-139 DUNELAND SC - LIBERTY INTERMEDIATE SCHOOL
ADDITIONS AND RENOVATIONS\21-139 DRAWINGS\02
GEN\G-201.DWG



**Liberty
Intermediate
Phasing Plan
REV 5/19/2022**



**Liberty
Intermediate (SL-1)
Site Logistics
Rev 5/19/2022**

ADDENDUM FOUR

Addendum Four (AD.04) 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 and Addendum Three and include the appropriate content of same within their bid proposal.

SPECIFICATIONS

- 1. Specification Section 05 50 00 Miscellaneous Metals**
 - A. Delete Paragraph 2.3 C. in its entirety.
 - B. Add Paragraph 2.3 D. to read:
 "D. Checker Plate Stair:
 "1. Where noted, form treads, risers, and platforms of 3/16 inch thick 4-way safety checker plate."

DRAWINGS

- 2. Sheet G-201**
 - A. Refer to revised full-size drawing included in this Addendum, for revisions.
- 3. Sheets C-2.0, C-3.0, C-3.1, C-4.0**
 - A. Refer to Four (4) revised full-size drawings included in this Addendum, for revisions.
- 4. Sheets S-102, S-104, S-105**
 - A. Refer to Three (3) revised full-size drawings, included in this Addendum, for revisions.
- 5. Sheets S-200, S-202, S-203, S-204**
 - A. Refer to Four (4) revised full-size drawings, included in this Addendum, for revisions.
- 6. Sheets S-403, S-415**
 - A. Refer to Two (2) revised full-size drawings, included in this Addendum, for revisions.
- 7. Sheet AD101, AD105, AD106**
 - A. Refer to Three (3) revised full-size drawing included in this Addendum, for revisions.
- 8. Sheets A-105 and A-108**
 - A. Refer to Two (2) revised full-size drawings included in this Addendum, for revisions.

9. Sheets A-417, A-420 and A-430

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

10. Sheet A-610

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

11. Sheet A-806

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-001

A. Refer to revised full-size drawing included in this Addendum, for revised domestic booster pump and draintile sump pump in Plumbing Equipment and Fixture Schedule.

14. Sheet P-106

A. Refer to revised full-size drawing included in this Addendum, for revised sanitary pipe routing.

15. Sheet E-002

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

1. Revised north parking lot site poles to wall mounted lights at 12'. Identify fixture with ED1 tag.
2. Add note to include removal of (4) existing power poles.

16. Sheets ED-102, ED-103, ED-105

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

1. Revised select bathroom hand dryers to existing.
2. Revised sheet notes to accommodate hand dryer changes.

17. Sheets ED-106

A. Refer to revised full-size drawing, included in this Addendum, for revised note to "Remove" Panels H7 and L7.

18. Sheet EP-101

A. Refer to revised full-size drawing, included in this Addendum, for missing panel tags added to Elec A-121.

19. Sheet EP-102, EP-103

A. Refer to Two (2) revised full-size drawings, included in this Addendum, for the following revisions:

1. Revised bathroom hand dryers to existing.
2. Revised sheet notes to accommodate hand dryer changes.

20. Sheet EP-104

A. Refer to revised full-size drawing, included in this Addendum, for revised panels in Room D-109.

21. Sheet EP-105

- A. Refer to revised full-size drawing included in this Addendum, for the following revisions:
1. Revised bathroom hand dryers to existing.
 2. Revised sheet notes to accommodate hand dryer changes.
 3. Revised toilets with power for exhaust fans.
 4. Revised mechanical room to DBP placement.
 5. Revised electrical room tagging.

22. Sheet EP-106

- A. Refer to revised full-size drawing included in this Addendum, for Panels in F-119 removed and part of demo.

23. Sheet EP-304

- A. Refer to revised full-size drawing included in this Addendum, for revised new GEF location connections.

24. Sheet EP-305

- A. Refer to revised full-size drawing included in this Addendum, for the following revisions:
1. Revised connections for new GEFs 20 and 21.
 2. Deleted connections for old locations of GEF-16.

25. Sheet E-502

- A. Refer to revised full-size drawing included in this Addendum, for revised feeder size to EM-Tech Panel.

26. Sheet E-601

- A. Refer to revised full-size drawing included in this Addendum, for fixture ED1 added to identify wall mounted DSX1 fixture versus ED Pole Mount.

27. Sheet E-602

- A. Refer to revised full-size drawing included in this Addendum, for revised pump equipment schedule with new DBP.

28. Sheet E-603

- A. Refer to revised full-size drawing included in this Addendum, for revised panel schedule HP-E1 with new DBP loads and added missing EM-L Panel Schedule.

29. Sheet E-604

- A. Refer to revised full-size drawing included in this Addendum, for revised panel schedule PP-E1 with new TEF loads.

30. Sheet E-605

- A. Refer to revised full-size drawing included in this Addendum, for revised mechanical connection schedule with new loads and locations.

31. Sheet E-606

- A. Refer to revised full-size drawing included in this Addendum, for added missing EM-Tech, SB-L, SB-H panel schedules.



GIBRALTAR

DESIGN

Liberty Intermediate School
Additions and Renovations

21-139

Pages 1 through 4, inclusive, and Forty-Seven (47) Full-Size Drawings, constitute the total makeup of **Addendum Four**.



GIBRALTAR

DESIGN

Y:\21-139 Duneland SC - Liberty Intermediate School Additions and Renovations\Specs\ADDENDUM FOUR\AD04.doc



PROJECT

ADDITIONS AND RENOVATIONS TO LIBERTY INTERMEDIATE SCHOOL

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 317.580.5777

PROJECT 21-139 DATE 04/25/22 COORDINATED BY AM DRAWN BY EM CHECKED BY AM	
---	--

COPYRIGHT NOTICE:
THE CONCEPTS, DESIGNS, PLANS, DETAILS, ETC., SHOWN ON THIS DOCUMENT ARE THE PROPERTY OF GIBRALTAR DESIGN. THEY 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

REVISIONS		
MARK	DATE	ISSUED FOR

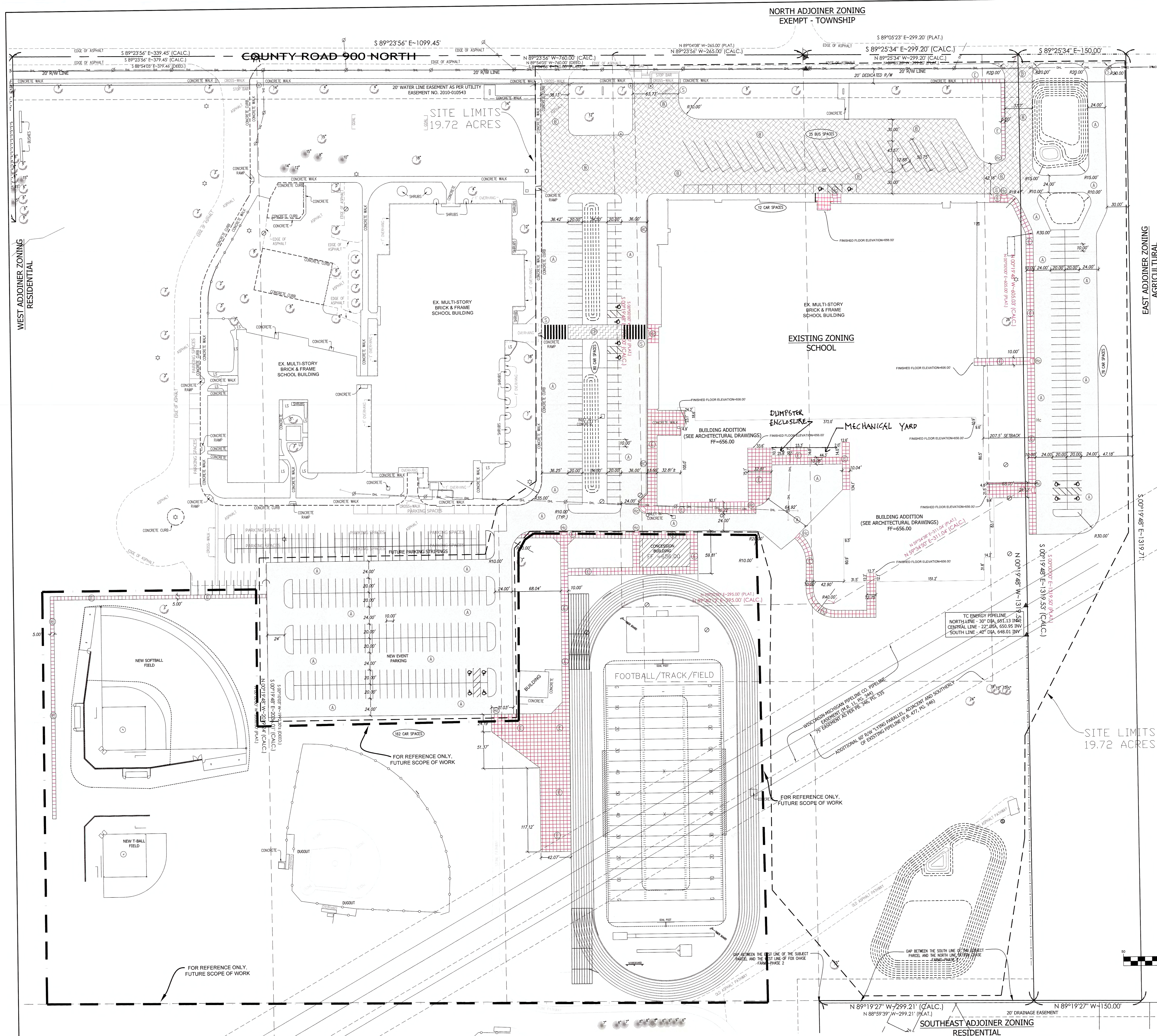
[illegible]

DRAWING
SITE PLAN

PROJECT
LIBERTY IS -
ADDITIONS AND RENOVATIONS

© GIBRALTAR DESIGN	SHEET
--------------------	-------

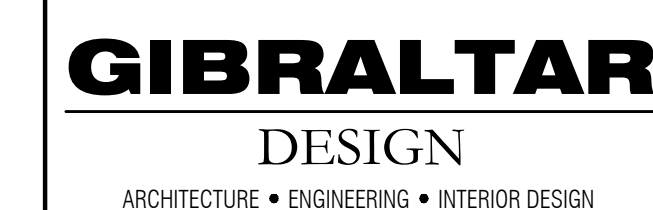
C-2.0



ADDENDUM #4
5/18/2022



(IN FEET)
1 inch = 50



PROJECT
ADDITIONS AND
RENOVATIONS
TO LIBERTY
INTERMEDIATE
SCHOOL

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 AM DRAWN BY EM CHECKED BY AM	
---	--

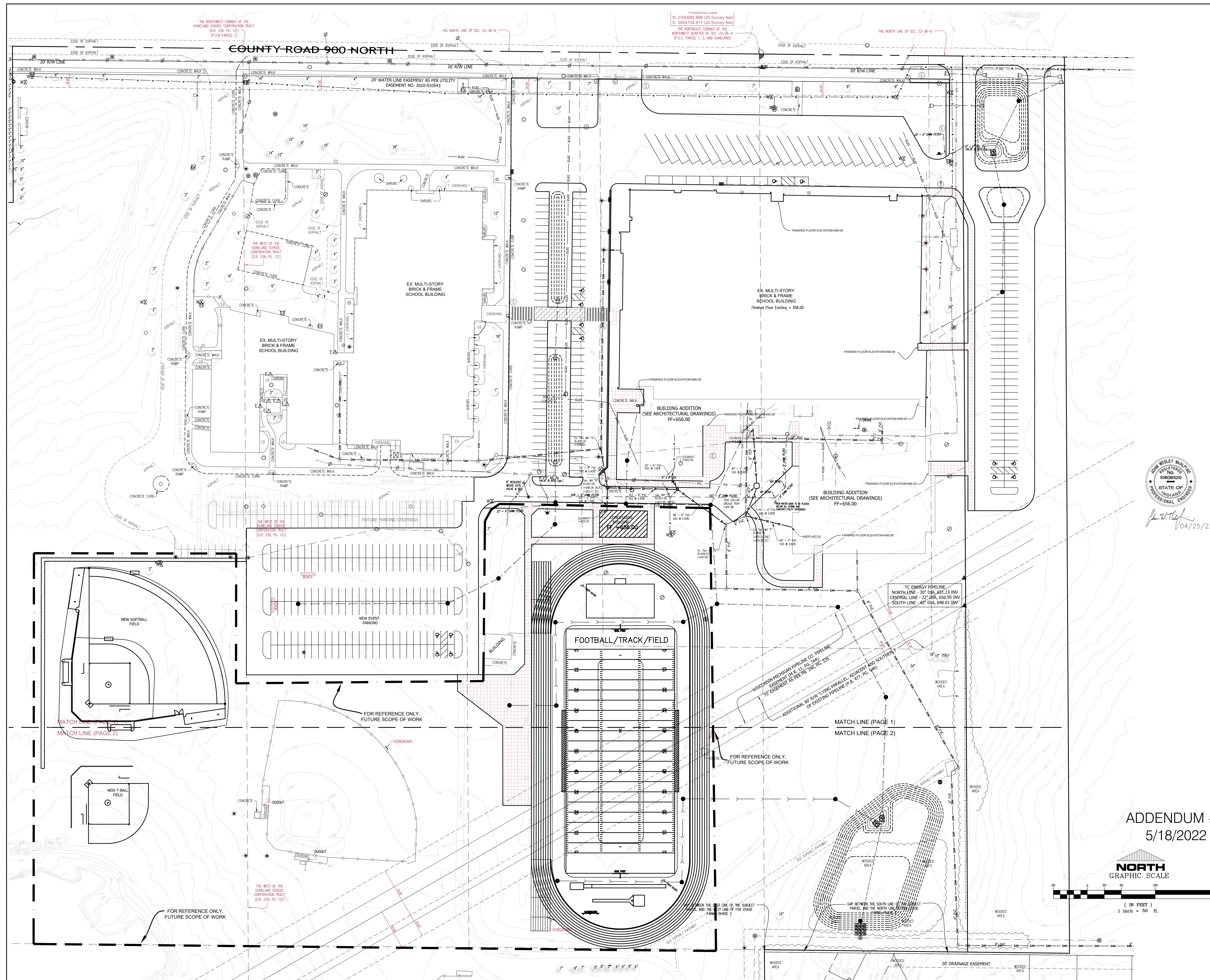
COPYRIGHT NOTICE:
THE CONCEPTS, DESIGNS, PLANS, DETAILS, ETC., SHOWN ON
THIS DOCUMENT ARE THE PROPERTY OF GIBRALTR DESIGN AND
WERE CREATED FOR USE ON THIS SPECIFIC PROJECT. NONE OF
THIS INFORMATION SHALL BE USED BY ANY PERSON OR FIRM
FOR ANY PURPOSE WITHOUT THE EXPRESS WRITTEN CONSENT
OF GIBRALTR DESIGN.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

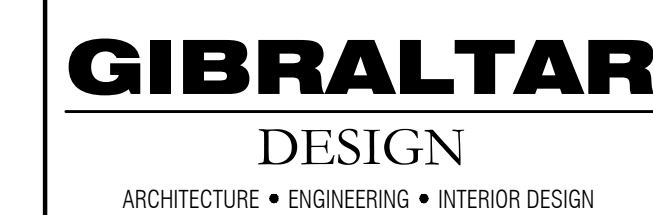
[illegible]

DRAWING
SANITARY SEWER AND
WATER MAIN PLAN

PROJECT
LIBERTY IS -
ADDITIONS AND RENOVATIONS

© GIBRALTAR DESIGN
SHEET
C-3.1





PROJECT

**ADDITIONS AND
RENOVATIONS
TO LIBERTY
INTERMEDIATE
SCHOOL**

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 AM DRAWN BY EM CHECKED BY AM	
---	--

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.

REVISIONS		
MARK	DATE	ISSUED FOR

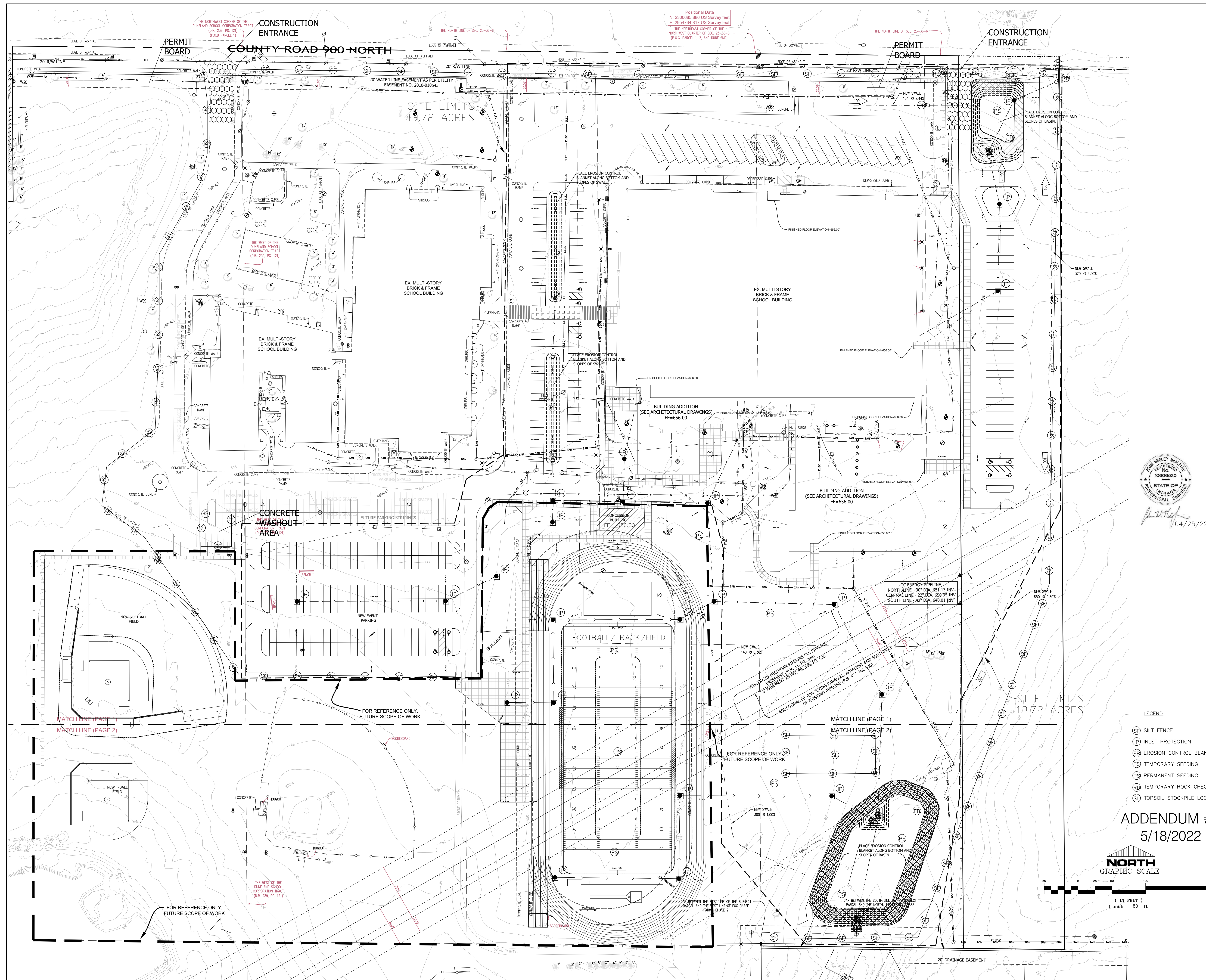
[illegible]

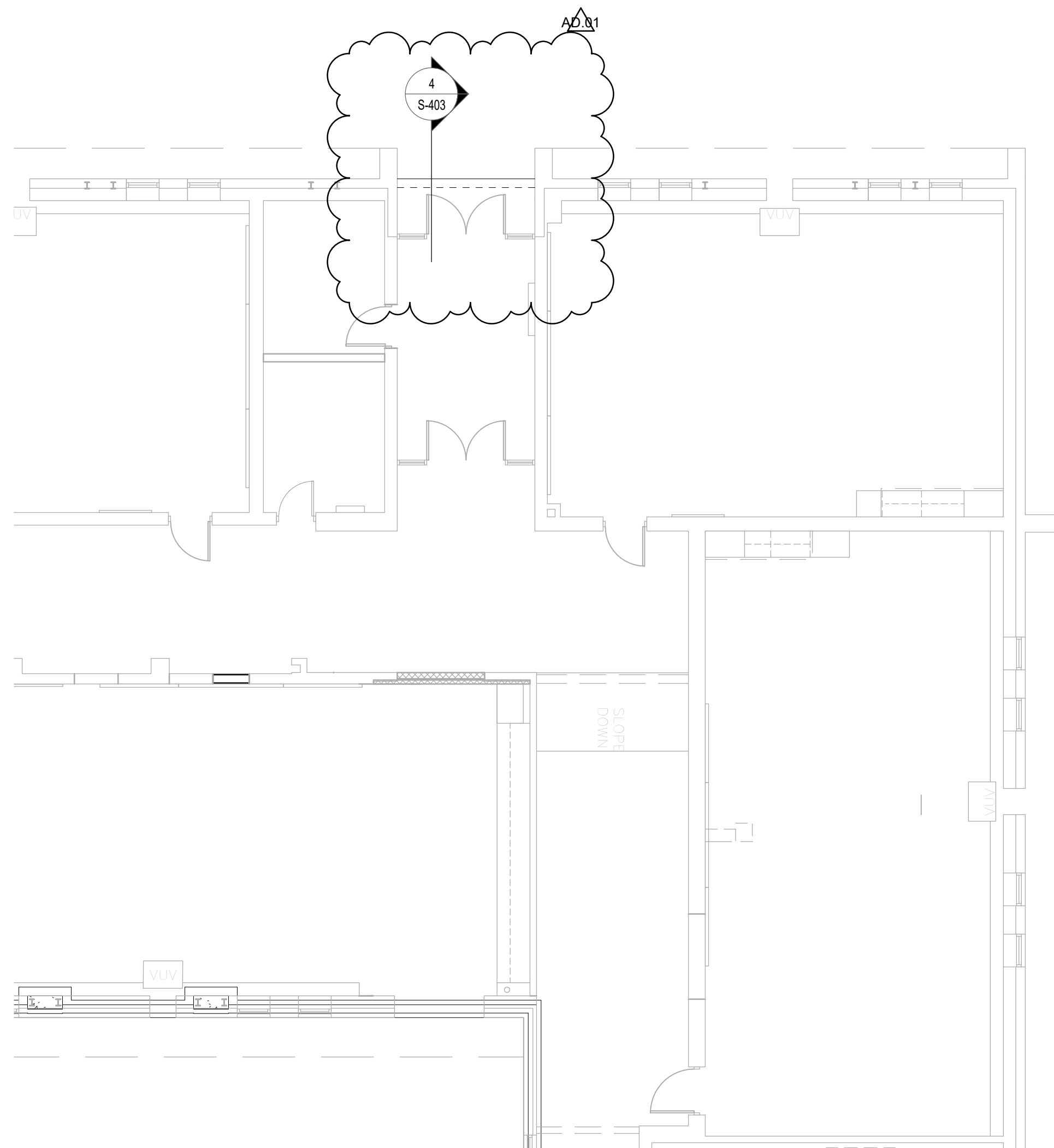
DRAWING

**STORM WATER POLLUTION
PREVENTION PLAN (SWPPP)**

PROJECT
LIBERTY IS -
ADDITIONS AND RENOVATIONS

© GIBRALTAR DESIGN	SHEET C-4.0
--------------------	-----------------------





1 FOUNDATION PLAN - UNIT B
1/8" = 1'-0"

FTG. MARK	FOOTING SIZE		FOOTING REINFORCING	
	WIDTH	DEPTH	LONGITUDINAL	TRANSVERSE
WF24	2'-0"	1'-2"	(2) #5 x CONTINUOUS	#4 x 1'-6" @ 96" O.C.
WF30	2'-6"	1'-2"	(3) #5 x CONTINUOUS	#4 x 2'-0" @ 96" O.C.
WF36	3'-0"	1'-2"	(3) #5 x CONTINUOUS	#4 x 2'-6" @ 96" O.C.

1. CENTER FOOTINGS BENEATH WALLS, U.N.O.

- | PLAN LEGEND: | |
|---|--|
| FF. | DENOTES FINISH FLOOR |
| T/O | DENOTES TOP OF FTG. GRADE BEAM, SLAB, PIER, ETC. |
| B/X | DENOTES BOTTOM OF FTG. GRADE BEAM, ETC. |
| C.J. | DENOTES SLAB ON GRADE CONTROL/CONTINUATION JOINT |
| WF30 - 20'2" | DENOTES WALL FOOTING MARK & TOP OF FOOTING
(SEE WALL FOOTING SCHEDULE) |
|  | 15 NEW N° 4' CONC. SLAB W/ "BENCHMARK 300" FIBERS @ 15 LBS/CY. (OR EQUIV.)
ES INTERNAL CURVE ADMITTURE @ 4'20"WT &
ES CATALYST SPRAYED ON BETWEEN 800-1300 SF/GAL OVER 15-MIL VAPOR BARRIER OVER 0" COMPACTED GRANULAR FILL (NO. 55, STONE OR APPROVED EQUIVALENT), T/OCON = 0'-0" |
|  | 15 NEW N° 6' CONC. SLAB W/ 6#6 W/25" W/25 W/1.4' &
ES INTERNAL CURVE ADMITTURE @ 4'20"WT &
ES CATALYST SPRAYED ON BETWEEN 800-1300 SF/GAL OVER 15-MIL VAPOR BARRIER OVER 0" COMPACTED GRANULAR FILL (NO. 55, STONE OR APPROVED EQUIVALENT), T/OCON = 0'-0" |
|  | 15 NEW N° 4' CONC. SLAB W/ "BENCHMARK 300" FIBERS @ 15 LBS/CY. (OR EQUIV.) OVER 15-MIL VAPOR BARRIER T/OCON = MATCH EXISTING |
|  | 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 S460. |

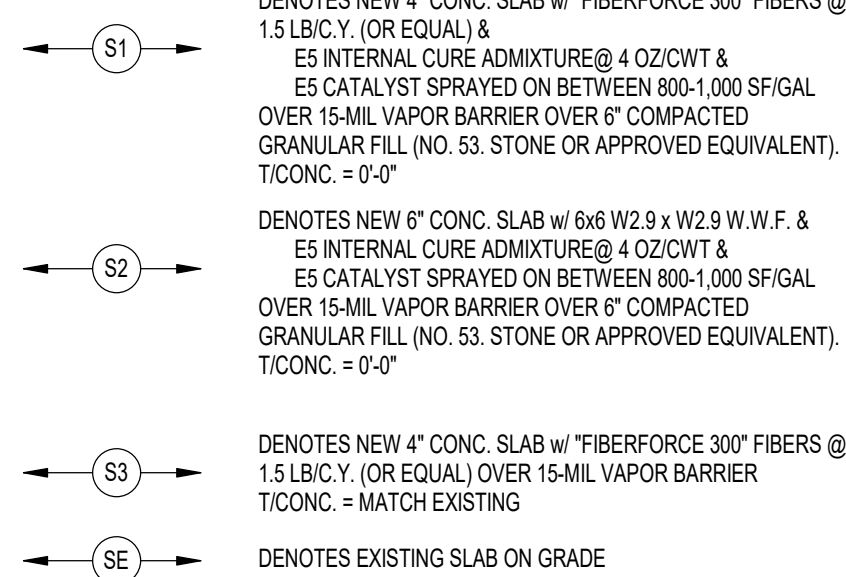
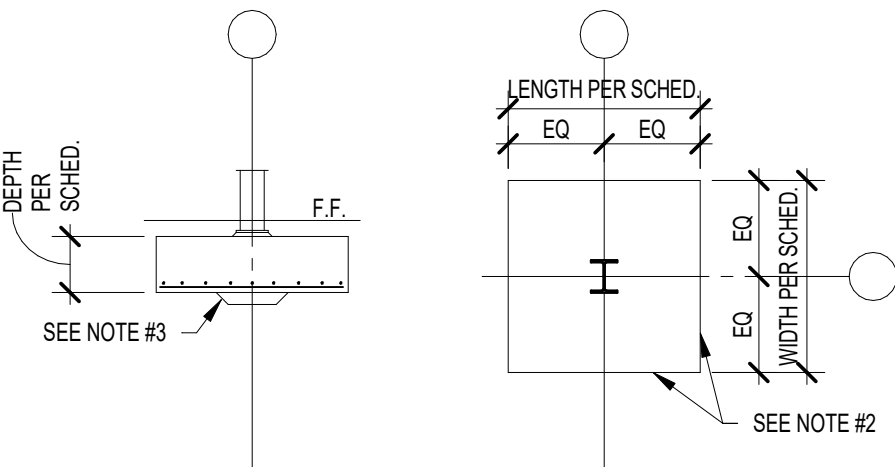
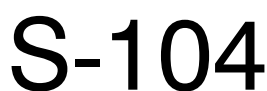
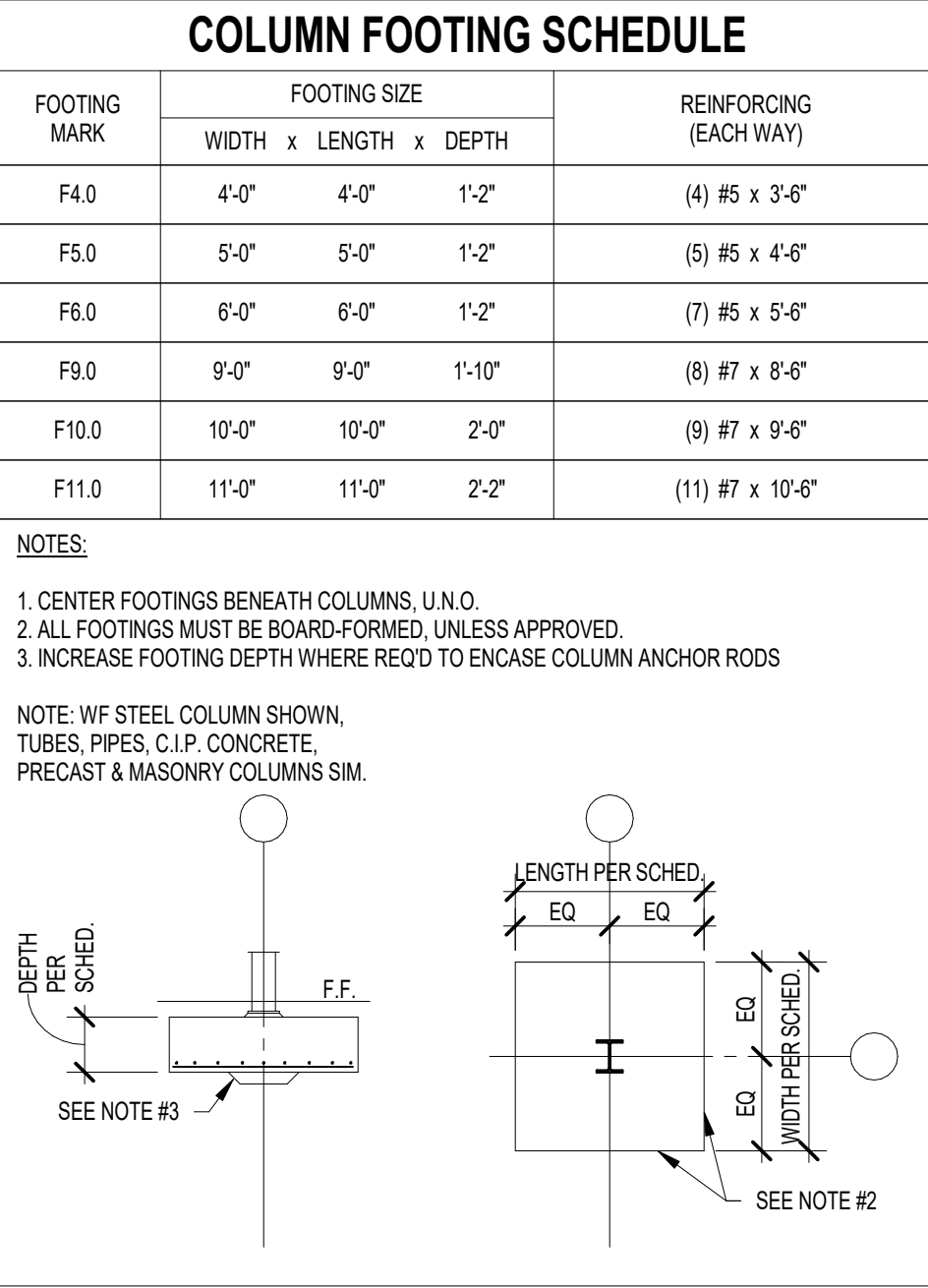


Diagram illustrating the components and specifications of a column footing:

- Top Section:** DENOTES WALL FOOTING WITH STEPS, REF. TYP. DETAIL ON S400. (Includes a cross-section of a wall footing with steps and reinforcement bars labeled $T_1, T_2, T_3, T_4, T_5, T_6, T_7, T_8, T_9, T_{10}$).
- Left Section:** DENOTES COLUMN SIZE REF. PLAN FOR STUB COLS (NOT ON FDS). (Includes a cross-section of a column with reinforcement bars labeled $T_1, T_2, T_3, T_4, T_5, T_6, T_7, T_8, T_9, T_{10}$).
- Bottom Section:** DENOTES COLUMN BASE PLATE (SEE DETAILS ON S3000). (Includes a cross-section of a column base plate with reinforcement bars labeled $T_1, T_2, T_3, T_4, T_5, T_6, T_7, T_8, T_9, T_{10}$).
- Right Section:** DENOTES COLUMN FOOTING MARK & TOP OF FTS. (SEE SCHED.). DENOTES PIER MARK & TOP OF PIER ELEVATION (SEE PIER SCHED.). (Includes a cross-section of a column footing with reinforcement bars labeled $T_1, T_2, T_3, T_4, T_5, T_6, T_7, T_8, T_9, T_{10}$).
- Labels and Dimensions:**
 - $F5.0 \times 4.8'$
 - $P24 \times 48'$
 - $HS36W6X36$
 - $BP-A$
 - COLUMN FOOTING
 - CONCRETE PIER
 - STEEL COLUMN





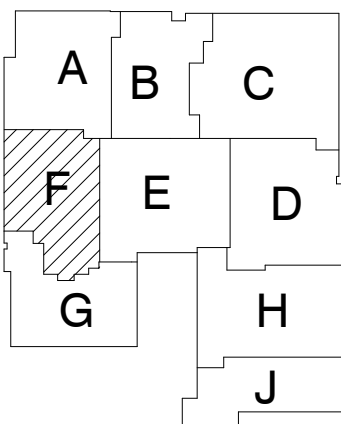


GIBRALTAR
DESIGN
ARCHITECTURE • ENGINEERING • INTERIOR DESIGN

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

4-25-2022

COORDINATED BY

JMS

DRAWN BY

JMS

CHECKED BY

SAC



COPYRIGHT NOTICE:
THE CONCEPTS, DESIGNS, PLANS, DETAILS, ETC. SHOWN ON THIS DOCUMENT ARE THE PROPERTY OF GIBRALTAR DESIGN AND ARE NOT TO BE REPRODUCED OR USED IN ANY MANNER 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-0.1	5/5/2022	ADDENDUM #1
AD-0.4	5/18/2022	ADDENDUM #4

DRAWING
FOUNDATION PLAN - UNIT F

PROJECT
LIBERTY IS - ADDITIONS &
RENOVATIONS

© GIBRALTAR DESIGN

SHEET

F

S-105

CONCRETE PIER SCHEDULE

PIER MARK	PIER SIZE	PIER REINFORCING			
		VERTICALS	TIES-SIZE & SPA ¹	DETAIL	CRITICAL HEIGHT
P16	1'-4" x 1'-4"	(4) #6	#4 @ 10" O.C.	A	N.A.
P24	2'-0" x 2'-0"	(8) #6	#4 @ 12" O.C.	B	≤ 2'-8"
		(4) #6	#4 @ 12" O.C.	A	> 2'-8"

1. PROVIDE MIN. 1 1/2" CLEAR TO PIER TIES.

2. CRITICAL HEIGHT DENOTES THE HEIGHT ABOVE WHICH LARGER DIAMETER VERTICALS WITH FEWER TIES MAY BE USED. REF. FOUNDATION PLANS FOR TOP OF PIER & FOOTING ELEVATIONS.

3. REF. TYPICAL CONCRETE PIER REINFORCING ON FOUNDATION DETAIL SHEET FOR FURTHER INFORMATION ON TIE SPACING.

4. VERTICAL DOWELS ARE TO FUNCTION AS PIER VERTICALS FOR PIERS LESS THAN OR EQUAL TO 5' - 0" HIGH. PROVIDE SEPARATE DOWELS & VERTICALS FOR PIERS GREATER THAN OR EQUAL TO 5' - 0" HIGH, UNLESS APPROVED.

5. CONTACT THE STRUCTURAL ENGINEER FOR DIRECTION IF COLUMN ANCHOR RODS FOUL WITH PIER TIES OR VERTICALS.

6. MIN. HEIGHT OF PIERS: #6 VERTICALS = 2' - 0", #7 VERTICALS = 2' - 8".

DETAIL "A"	DETAIL "B"	ALT. DETAIL "B"
(1) SET	(2) SETS	(3) SETS

WALL FOOTING SCHEDULE

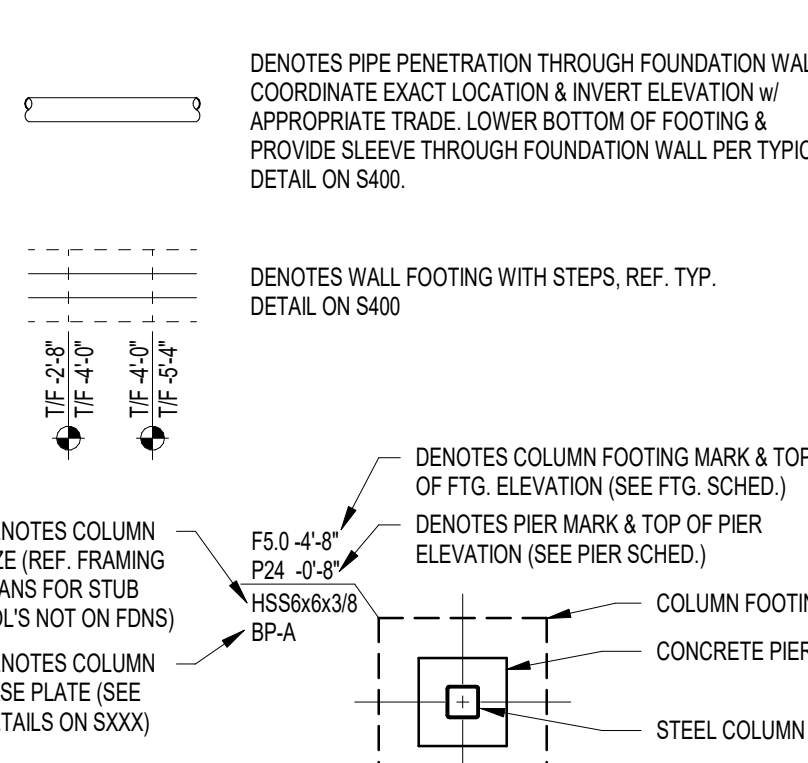
FTG. MARK	FOOTING SIZE		FOOTING REINFORCING	
	WIDTH	DEPTH	LONGITUDINAL	TRANSVERSE
WF24	2'-0"	1'-2"	(2) #5 x CONTINUOUS	#4 x 1'-6" @ 96" O.C.
WF30	2'-6"	1'-2"	(3) #5 x CONTINUOUS	#4 x 2'-0" @ 96" O.C.
WF36	3'-0"	1'-2"	(3) #5 x CONTINUOUS	#4 x 2'-6" @ 96" O.C.

1. CENTER FOOTINGS BENEATH WALLS, U.N.O.

FOUNDATION PLAN NOTES

- REF. S-001 FOR STRUCTURAL NOTES, DESIGN DATA & SCHEDULES.
- 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.
- COORDINATE EXACT SIZE & LOCATION OF ALL MECHANICAL OPENINGS IN FOUNDATION WALLS WITH THE MECHANICAL ELECTRICAL & PLUMBING CONTRACTORS.
- ALL ELEVATIONS ARE REFERENCED FROM THE EXISTING FIRST FLOOR FINISH FLOOR ELEVATION 0'-0" REF. CIVIL DWGS.
- REF. ARCH. DRAWINGS FOR ALL DIMENSIONS NOT SHOWN. CONTRACTOR SHALL VERIFY ALL DIMENSIONS PRIOR TO CONSTRUCTION AND IMMEDIATELY NOTIFY ARCHITECT/ENGINEER OF ANY DISCREPANCIES.
- REF. S400 & S401 FOR TYPICAL FOUNDATION DETAILS.
- 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.
- 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.
- COORDINATE REINFORCING DOWELS FOR CMU VERTICAL REINFORCING WITH REIN. NOTED ON PLANS & SECTIONS.
- GROUT ALL CORES OF CMU BELOW FINISH FLOOR SOLID.
- COLUMN FOOTINGS, TRENCH FOOTINGS AND WALL FOOTINGS SHALL BEAR ON APPROVED SOIL. UNDERCUT AS REQUIRED TO SUITABLE BEARING MATERIAL AS DETERMINED BY THE GEOTECHNICAL TESTING AGENCY. REF. TYPICAL FOOTING UNDERCUT DETAILS ON S400.
- COLUMN FOOTINGS SUPPORTING MORE THAN ONE COLUMN SHALL BE CENTERED AT THE MIDPOINT BETWEEN THE COLUMNS, UNLESS NOTED OTHERWISE ON PLAN.
- PROVIDE CONTINUOUS 4" H x 1/4" VARIES CONCRETE CURB ON ACOUSTIC ISOLATION SLABS IN MECHANICAL ROOMS. CURBS TO SURROUND ALL PENETRATIONS THRU SLAB INCLUDING COLUMNS, PIPES, SUMP PITS, ETC.
- 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.
- PROVIDE THICKENED SLAB UNDER ALL INTERIOR CMU WALLS WITHOUT FOOTINGS. SEE DETAILS ON S401 FOR THICKENED SLAB DETAIL. LAYOUT THICKENED SLABS FROM DIMENSIONS ON THE ARCHITECT FLOOR PLANS.
- 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 THE FLOORING CONTRACTOR. THE CONTRACTOR SHALL SUBMIT SLAB JOINT LAYOUT TO ARCHITECT/ENGINEER FOR REVIEW PRIOR TO PLACING SLABS.
- WHERE PIERS OCCUR WITHIN A LARGER ARCH. PLASTER OR COLUMN ENCLOSURE FOR E.G. PIERS WITHIN 40" SQUARE CANOPY PLASTER) PROVIDE PIER REIN. CASE (CENTERED ON THE GRID INTERSECTION. FORM OVERALL PIER TO PROFILE OF THE ARCHITECTURAL PLASTER OR COLUMN ENCLOSURE. LAYOUT PLASTER FROM DIMENSIONS ON THE ARCHITECTURAL PLANS & DETAILS.
- 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 6S-401.
- PLAN LEGEND:

- F.F. DENOTES FINISH FLOOR
- TTX DENOTES TOP OF FTG., GRADE BEAM, SLAB, PIER, ETC.
- B/X DENOTES BOTTOM OF FTG., GRADE BEAM, ETC.
- C.J. DENOTES SLAB ON GRADE CONTROL/CONTRACTION JOINT
- WF30 - 20'-0" DENOTES WALL FOOTING MARK & TOP OF FOOTING ELEVATION (SEE WALL FOOTING SCHEDULE)
- S1 DENOTES NEW 6" CONC. SLAB w/ "FIBERFORCE 300" FIBERS @ 1.5 LB/Y. (OR EQUAL) & ES INTERNAL CURE ADMIXTURE @ 4 OZ/CWT & ES 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/C CONC. = 0'-0"
- S2 DENOTES NEW 6" CONC. SLAB w/ 6#6 W29 x W29 W.I.F. & ES INTERNAL CURE ADMIXTURE @ 4 OZ/CWT & ES 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/C CONC. = 0'-0"
- S3 DENOTES NEW 4" CONC. SLAB w/ "FIBERFORCE 300" FIBERS @ 1.5 LB/Y. (OR EQUAL) OVER 15-MIL VAPOR BARRIER T/C CONC. = MATCH EXISTING
- S4 DENOTES EXISTING SLAB ON GRADE
- 3 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.



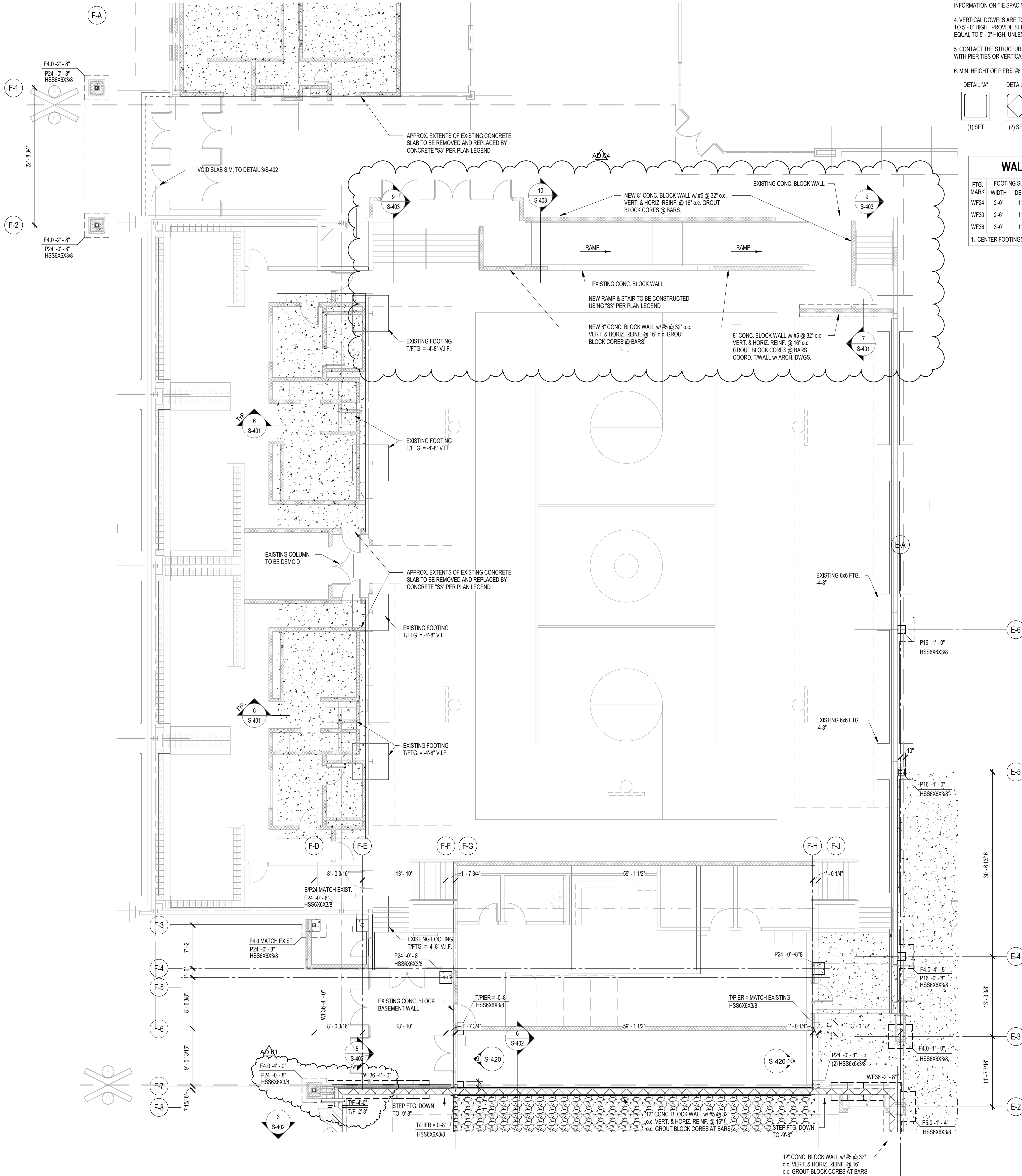
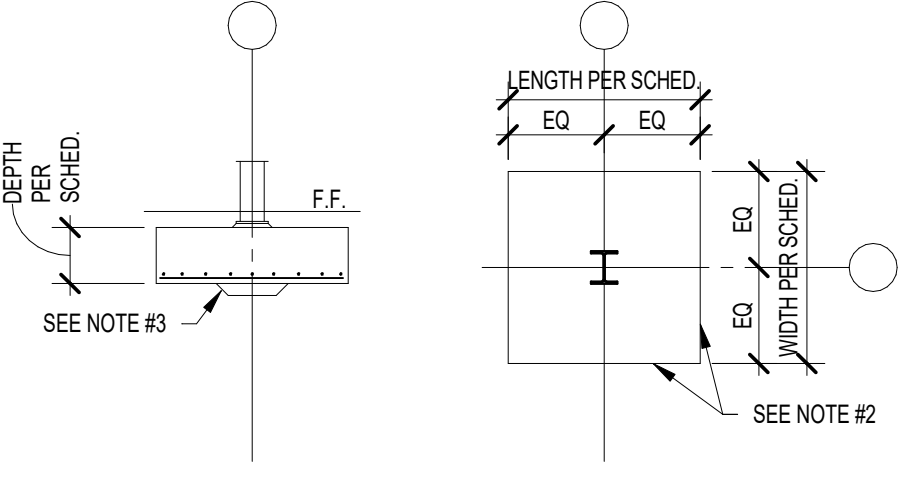
COLUMN FOOTING SCHEDULE

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

NOTES:

- CENTER FOOTINGS BENEATH COLUMNS, U.N.O.
- ALL FOOTINGS MUST BE BOARD-FORMED, UNLESS APPROVED.
- INCREASE FOOTING DEPTH WHERE REQUIRED TO ENCASE COLUMN ANCHOR RODS

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



1 FOUNDATION PLAN - UNIT F
1/8" = 1'-0"

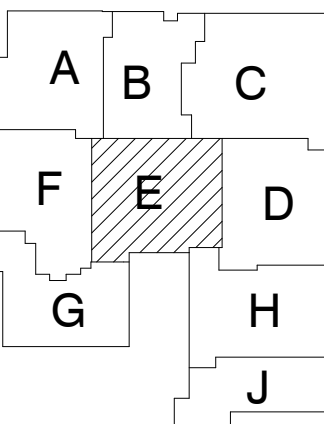


GIBRALTAR
DESIGN
ARCHITECTURE • ENGINEERING • INTERIOR DESIGN

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
4-25-2022

COORDINATED BY
JMS

DRAWN BY
JMS

CHECKED BY
SAC



CONTRACT NOTICE:
THE CONCEPTS, DESIGN, 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.

REVISIONS

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

DRAWING
ROOF FRAMING PLAN -
UNIT E

PROJECT
LIBERTY IS - ADDITIONS &
RENOVATIONS

© GIBRALTAR DESIGN

SHEET

E

S-202

FRAMING PLAN NOTES

- REF. S001 FOR STRUCTURAL NOTES, DESIGN DATA, SCHEDULES & LEGENDS.
- REF. THE S410 SERIES FOR TYPICAL FRAMING DETAILS.
- 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.
- ALL ELEVATIONS ARE REFERENCED FROM THE FIRST FLOOR FIN. FLOOR ELEVATION +0'-0". COORD. USGS ELEVATION WITH CIVIL DWGS.
- SEE FOUNDATION PLANS FOR SIZES OF STEEL COLUMNS SUPPORTED ON FOUNDATIONS.
- 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.
- REF. S430 FOR TYPICAL MASONRY DETAILS.
- INSTALL CONTINUOUS BENT PLATE ANGLE FOUR STOPS AT ALL ELEVATED SLAB-ON-DECK PERIMETER EDGES AND AROUND ALL INTERIOR FLOOR OPENINGS (BOTH SHOWN AND NOT SHOWN). SEE DETAIL 14S410.
- INSTALL CONTINUOUS ANGLES AT ALL PERIMETER ROOF EDGES. SEE DETAIL 3S410 FOR ATTACHMENT TO BEAM AND FOR ALL CONDITIONS NOT SPECIFICALLY DEFINED IN FRAMING SECTIONS.
- INSTALL CONTINUOUS CONCRETE CURBS PER DETAIL 9S410 AROUND THE PERIMETER OF ALL MECHANICAL ROOMS AND AROUND FLOOR PENETRATIONS BOTH SHOWN AND NOW SHOWN INCLUDING STEEL COLUMN PENETRATIONS.
- ALL WALLS SHALL BE Laid OUT FROM THE ARCHITECTURAL DRAWINGS.
- REF. ARCH. DRAWINGS. FOR ALL DIMENSIONS NOT SHOWN, CONTRACTOR SHALL VERIFY ALL DIMENSIONS PRIOR TO CONSTRUCTION AND IMMEDIATELY NOTIFY ARCHITECT/ENGINEER OF ANY DISCREPANCIES.
- 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 OPENINGS, GRILLES, ETC. SHALL BE VERIFIED PRIOR TO CONSTRUCTION.
- ALL ELEVATIONS SHOWN ON PLAN INDICATE TOP OF STEEL BEAM UNLESS NOTED OTHERWISE.
- PROVIDE CHANNEL FRAMES AT ALL SUPPORTED SLAB OPENINGS PER TYPICAL DETAIL ON S410. COORDINATE EXACT NUMBER, LOCATIONS & DIMENSIONS WITH THE APPROPRIATE CONTRACTORS & THE ARCH. & MEP DRAWINGS.
- PROVIDE FRAMES AT ALL ROOF DRAIN, ROOF HATCHES & OTHER ROOF OPENINGS PER TYPICAL DETAILS ON S410. COORD. EXACT NUMBER, LOCATIONS & DIMENSIONS WITH THE APPROPRIATE CONTRACTORS & THE ARCH. & MEP DWGS.
- 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 BOND BEAMS AT TOPS OF WALLS, AT CHANGES IN CMU THICKNESS, AND WHERE INDICATED ON PLANS & SECTIONS (16" O.C. MAX VERTICAL SPACING). PROVIDE 12 OF INTERRUPTED VERTICALS AT JAMBS OF OPENINGS AND PROVIDE ADDITIONAL VERTS. AT ENDS OF WALLS.
- 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.
- REF. ARCH. DWGS. FOR MASONRY CONTROL & EXPANSION JOINT LOCATIONS.
- ALL HORIZONTAL AND DIAGONAL BRIDGING FOR STEEL JOISTS SHALL BE DESIGNED, LOCATED & PROVIDED BY THE JOIST SUPPLIER PER SJ SPECIFICATIONS.
- 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 FLATNESS REQUIREMENTS DEFINED IN THE SPECIFICATION.
- WHERE EXTERIOR BEAMS PENETRATE THE EXTERIOR INSULATION BARRIER, SPRAY BEAMS WITH THE MECHANICAL THERMAL INSULATION COATING FOR 3'-0" ON EXTERIOR SIDE AND 3'-0" ON INTERIOR SIDE.
- 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.
- PLAN LEGEND

- F.F. DENOTES FIN. FLOOR
T/X DENOTES TOP OF STEEL SLAB, ETC.
B/X DENOTES BOTTOM OF LINTEL, ETC.
E.O.S. DENOTES EDGE OF SLAB (MEASURED FROM BEAM C.L.)
(OR EOS)
E.O.D. DENOTES EDGE OF DECK (MEASURED FROM BEAM C.L.)
(OR EOD)
NOTE: PERIMETER ROOF ANGLE/BEAM PL. NOT REQUIRED
E.O.L. DENOTES EDGE OF ANGLE (MEASURED FROM BEAM C.L.)
(OR EOL)
SEE TYPICAL DETAIL B16-410

- RS DENOTES 1 1/2" 20 GA. GALVANIZED COMPOSITE DECK w/ 2 1/2" NW CONC. SLAB w/ 6x6-W2.1W2.1 WWF. TOTAL Y = 4". REF. DETAIL 2S410.
R1 DENOTES 1 1/2" 20 GA. GALV. & PRIME-PAINTED WIDE RIB STEEL ROOF DECK. REF. DETAIL 1S410.
R2 DENOTES 1 1/2" 20 GA. GALV. & PRIME-PAINTED ACOUSTICAL WIDE RIB STEEL ROOF DECK. REF. DETAIL 3S410.
DENOTES BEAM-THRU-BEAM MOMENT CONNECTION. REF. DETAILS ON S411.
DENOTES CANTILEVER-BEAM MOMENT CONNECTION. REF. DETAILS ON S411.
K.B. DENOTES BRACED FRAME LOCATION
DENOTES APPROX. LOCATION OF OPENING IN DECKS/SLAB. REF. DETAILS ON S410 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 FABRICATORS SEE (ALLOWABLE STRESS DESIGN / LOADS UNFACTORED).

REF. THE STEEL CONNECTION NOTES ON S001 FOR DESIGN OF CONNECTIONS AT BEAMS & GIRDERS WITH NO REACTION SHOWN.

NO. OF 1/2" DIA. x 4 1/4" LONG SHEAR CONNECTOR STUDS SPACED UNIFORMLY ALONG FULL LENGTH OF BEAM

STEEL BEAM SIZE

TYPICAL COMPOSITE BEAM DIAGRAM

1 ROOF FRAMING PLAN - UNIT E
1/8" = 1'-0"

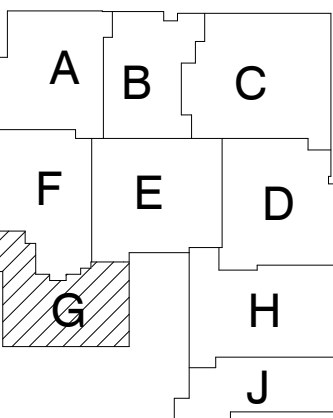


GIBALTAR
DESIGN
ARCHITECTURE • ENGINEERING • INTERIOR DESIGN

PROJECT

**LIBERTY
INTERMEDIATE
SCHOOL -
ADDITIONS &
RENOVATIONS**

DUNELAND SCHOOL CORPORATION
CHESTERTON, INDIANA



KEY PLAN

GIBALTAR DESIGN

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

PROJECT

21-139

DATE

4-25-2022

COORDINATED BY

JMS

DRAWN BY

JMS

CHECKED BY

SAC



COPYRIGHT NOTICE:
THE CONCEPTS, DESIGNS, PLANS, DETAILS, ETC. SHOWN ON THIS DOCUMENT ARE THE PROPERTY OF GIBALTAR 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 GIBALTAR DESIGN. THE OWNER MAY RETAIN COPIES FOR INFORMATION AND REFERENCE IN CONNECTION ONLY WITH THIS PROJECT.

REVISIONS

MARK	DATE	ISSUED FOR
AD-0.3	5/12/2022	ADDENDUM #3
AD-0.4	5/18/2022	ADDENDUM #4

DRAWING
ROOF FRAMING PLAN -
UNIT G

PROJECT
LIBERTY IS - ADDITIONS &
RENOVATIONS

© GIBALTAR DESIGN

SHEET

G

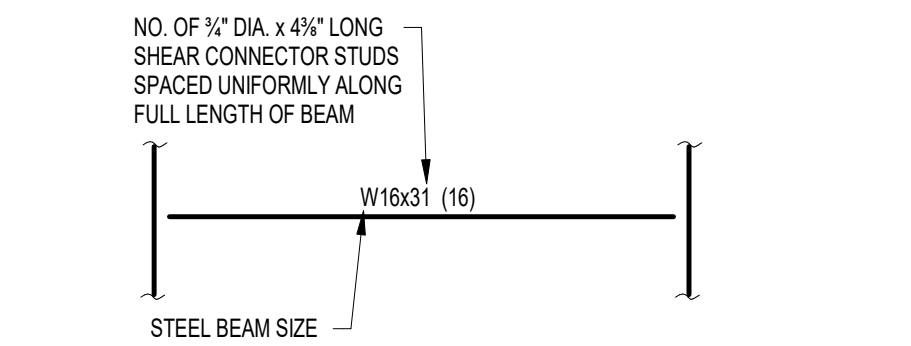
S-204

FRAMING PLAN NOTES

- REF. S001 FOR STRUCTURAL NOTES, DESIGN DATA, SCHEDULES & LEGENDS.
- REF. THE S410 SERIES FOR TYPICAL FRAMING DETAILS.
- 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.
- ALL ELEVATIONS ARE REFERENCED FROM THE FIRST FLOOR FIN. FLOOR ELEVATION +0'-0". COORD. USGS ELEVATION WITH CIVIL DWGS.
- SEE FOUNDATION PLANS FOR SIZES OF STEEL COLUMNS SUPPORTED ON FOUNDATIONS.
- 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.
- REF. S430 FOR TYPICAL MASONRY DETAILS.
- INSTALL CONTINUOUS BENT PLATE/ANGLE POUR STOPS AT ALL ELEVATED SLAB-ON-DECK PERIMETER EDGES AND AROUND ALL INTERIOR FLOOR OPENINGS (BOTH SHOWN AND NOT SHOWN). SEE DETAIL 14S410.
- INSTALL CONTINUOUS ANGLES AT ALL PERIMETER ROOF EDGES. SEE DETAIL 3/S410 FOR ATTACHMENT TO BEAM AND FOR ALL CONDITIONS NOT SPECIFICALLY DEFINED IN FRAMING SECTIONS.
- INSTALL CONTINUOUS CONCRETE CURBS PER DETAIL 9/S410 AROUND THE PERIMETER OF ALL MECHANICAL ROOMS AND AROUND FLOOR PENETRATIONS BOTH SHOWN AND NOW SHOWN INCLUDING STEEL COLUMN PENETRATIONS.
- ALL WALLS SHALL BE LAID OUT FROM THE ARCHITECTURAL DRAWINGS.
- REF. ARCH. DRAWINGS. FOR ALL DIMENSIONS NOT SHOWN, CONTRACTOR SHALL VERIFY ALL DIMENSIONS PRIOR TO CONSTRUCTION AND IMMEDIATELY NOTIFY ARCHITECT/ENGINEER OF ANY DISCREPANCIES.
- 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 OPENINGS, GRILLES, ETC. SHALL BE VERIFIED PRIOR TO CONSTRUCTION.
- ALL ELEVATIONS SHOWN ON PLAN INDICATE TOP OF STEEL BEAM UNLESS NOTED OTHERWISE.
- PROVIDE CHANNEL FRAMES AT ALL SUPPORTED SLAB OPENINGS PER TYPICAL DETAIL ON S410. COORDINATE EXACT NUMBER, LOCATIONS & DIMENSIONS WITH THE APPROPRIATE CONTRACTORS & THE ARCH. & MEP DRAWINGS.
- PROVIDE FRAMES AT ALL ROOF DRAIN, ROOF HATCHES & OTHER ROOF OPENINGS PER TYPICAL DETAILS ON S410. COORD. EXACT NUMBER, LOCATIONS & DIMENSIONS WITH THE APPROPRIATE CONTRACTORS & THE ARCH. & MEP DWGS.
- 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 BOND BEAMS AT TOPS OF WALLS AT CHANGES IN CMU THICKNESS, AND WHERE INDICATED ON PLANS & SECTIONS (16'-0" O.C. MAX VERTICAL SPACING). PROVIDE 12 OF INTERRUPTED VERTICALS AT JAMBS OF OPENINGS AND PROVIDE ADDITIONAL VERTS. AT ENDS OF WALLS.
- 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.
- REF. ARCH. DWGS. FOR MASONRY CONTROL & EXPANSION JOINT LOCATIONS.
- ALL HORIZONTAL AND DIAGONAL BRIDGING FOR STEEL JOISTS SHALL BE DESIGNED, LOCATED & PROVIDED BY THE JOIST SUPPLIER PER SJ SPECIFICATIONS.
- 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 FLATNESS REQUIREMENTS DEFINED IN THE SPECIFICATION.
- WHERE EXTERIOR BEAMS PENETRATE THE EXTERIOR INSULATION BARRIER, SPRAY BEAMS WITH MEI-MERLOX THERMAL INSULATION COATING FOR 3'-0" ON EXTERIOR SIDE AND 3'-0" ON INTERIOR SIDE.
- 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.
- PLAN LEGEND:

- F.F. DENOTES FIN. FLOOR
T/X DENOTES TOP OF STEEL, SLAB, ETC.
B/X DENOTES BOTTOM OF LINTEL, ETC.
E.O.S. DENOTES EDGE OF SLAB (MEASURED FROM BEAM C.L.)
(OR EOS) SEE TYPICAL DETAIL AS-410.
E.O.D. DENOTES EDGE OF DECK (MEASURED FROM BEAM C.L.)
(OR EOD) NOTE: PERIMETER ROOF ANGLE/BEAM PL. NOT REQUIRED.
E.O.L. DENOTES EDGE OF ANGLE (MEASURED FROM BEAM C.L.) SEE TYPICAL DETAIL BS-410.
RS DENOTES 1 1/2" 20 GA. GALVANIZED COMPOSITE DECK w/ 2 1/2" NW CONC. SLAB w/ 6x6-W2.1W2.1 WWF. TOTAL Y = 4". REF. DETAIL 2/S410.
R1 DENOTES 1 1/2" 20 GA. GALV. & PRIME-PAINTED WIDE RIB STEEL ROOF DECK. REF. DETAIL 1/S410.
R2 DENOTES 1 1/2" 20 GA. GALV. & PRIME-PAINTED ACOUSTICAL WIDE RIB STEEL ROOF DECK. REF. DETAIL 3/S410.
DENOTES BEAM-THRU-BEAM MOMENT CONNECTION. REF. DETAILS ON S411.
DENOTES CANTILEVER-BEAM MOMENT CONNECTION. REF. DETAILS ON S411.
K.B. DENOTES BRACED FRAME LOCATION
DENOTES APPROX. LOCATION OF OPENING IN DECK/SLAB. REF. DETAILS ON S410 FOR TYPICAL OPENING FRAMES. FOR MULTIPLE CLOSELY SPACED OPENINGS, TREAT AS ONE LARGE OPENING.

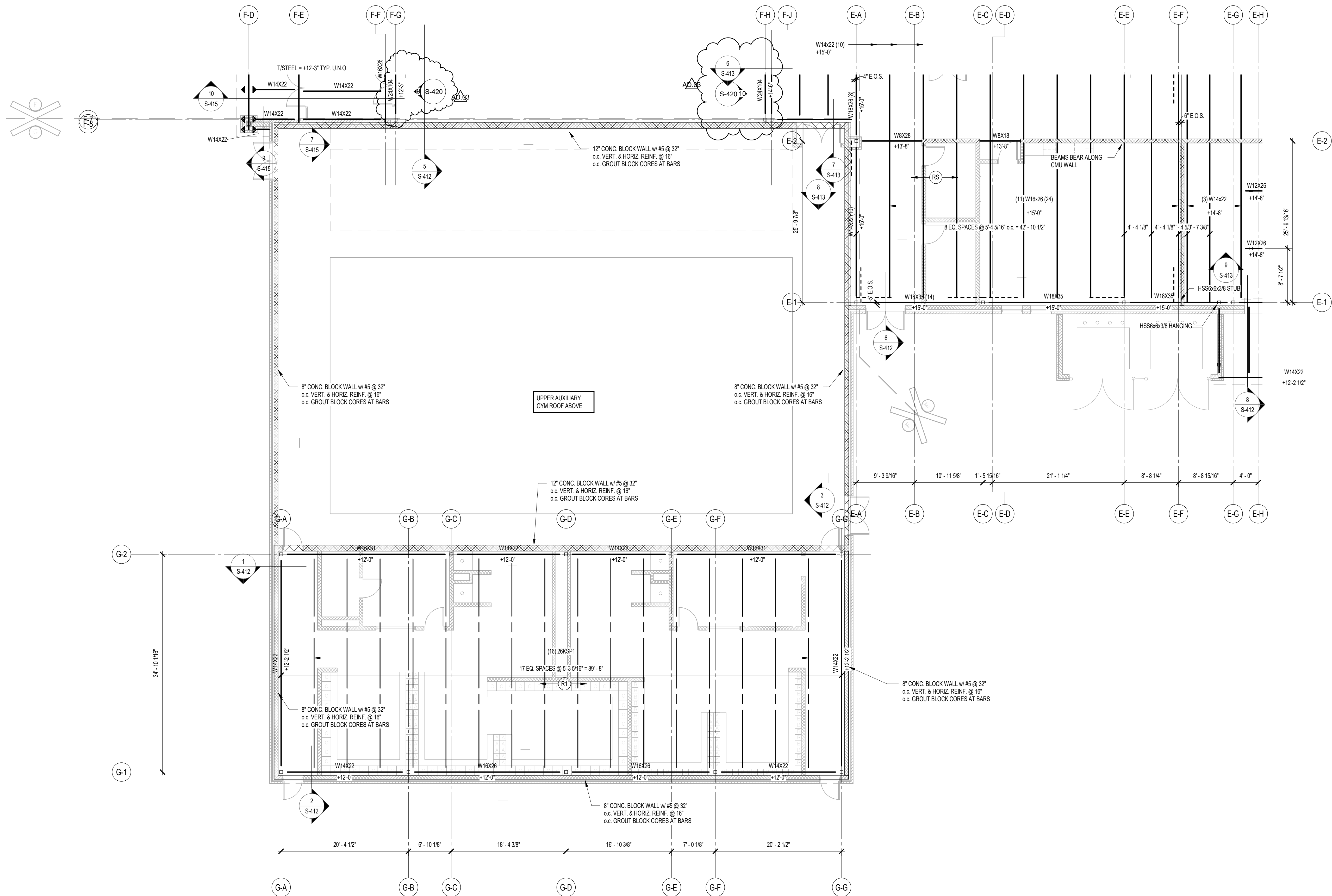
23. WIDE-FLANGE BEAM & GIRDER NOTATION:
BEAM REACTIONS SHOWN IN KIPS TO BE USED FOR DESIGN OF SHEAR CONNECTION BY STEEL FABRICATORS SSE (ALLOWABLE STRESS DESIGN / LOADS UNFACTORED).
REF. THE STEEL CONNECTION NOTES ON S001 FOR DESIGN OF CONNECTIONS AT BEAMS & GIRDERS WITH NO REACTION SHOWN.



TYPICAL COMPOSITE BEAM DIAGRAM

2 UNIT E - NEW ROOF DECK ON EXIST. RTU FRAMING

3/8" = 1'-0"



1 ROOF FRAMING PLAN - UNIT G

1/8" = 1'-0"

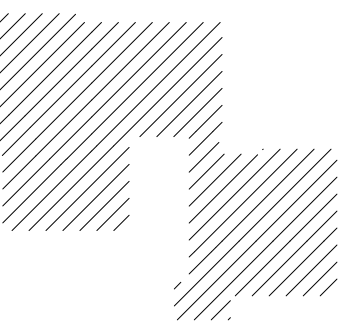


GIBRALTAR
DESIGN
ARCHITECTURE • ENGINEERING • INTERIOR DESIGN

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

COORDINATED BY

JMS

DRAWN BY

JMS

CHECKED BY

SAC



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.

REVISIONS

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

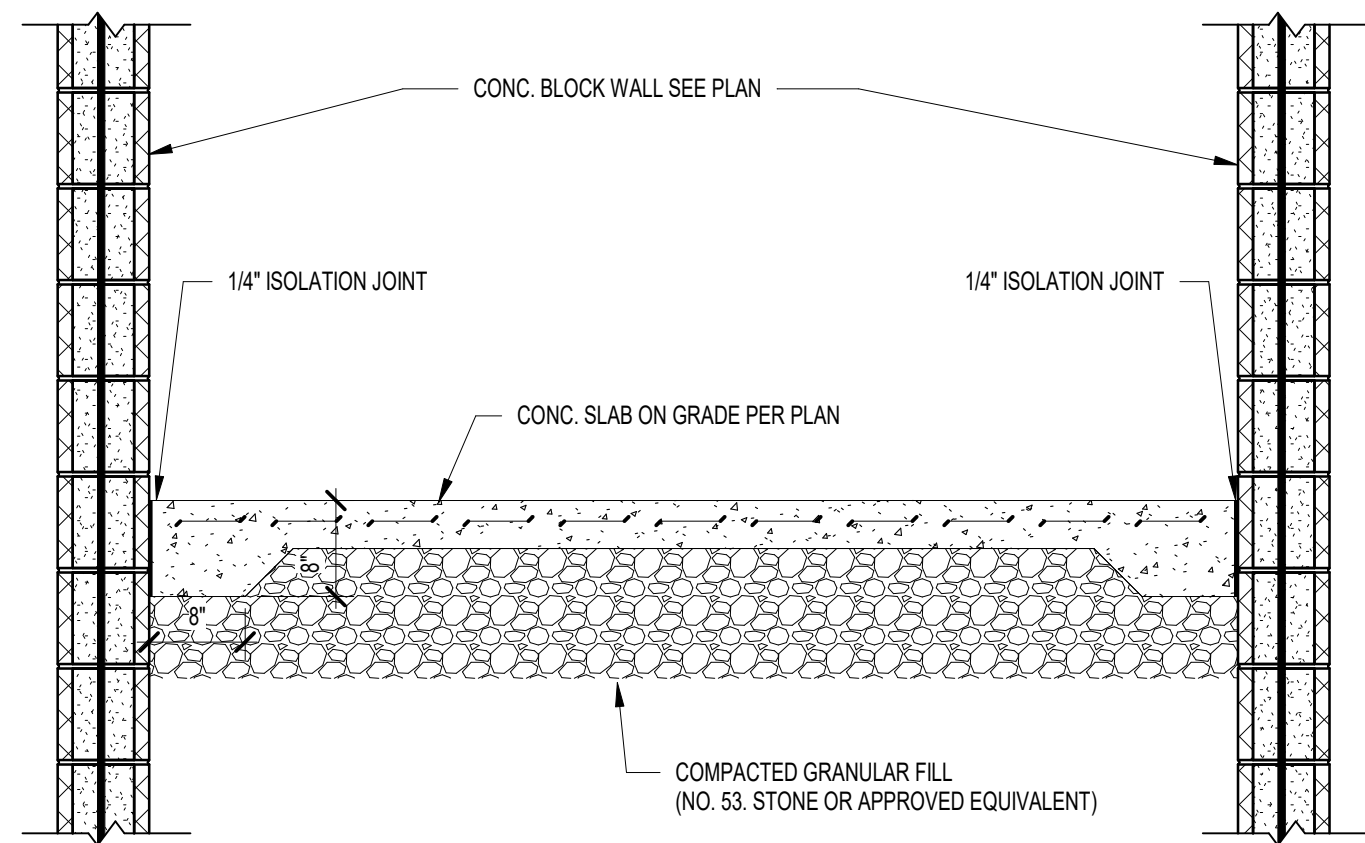
**DRAWING
FOUNDATION DETAILS &
SECTIONS**

**PROJECT
LIBERTY IS - ADDITIONS &
RENOVATIONS**

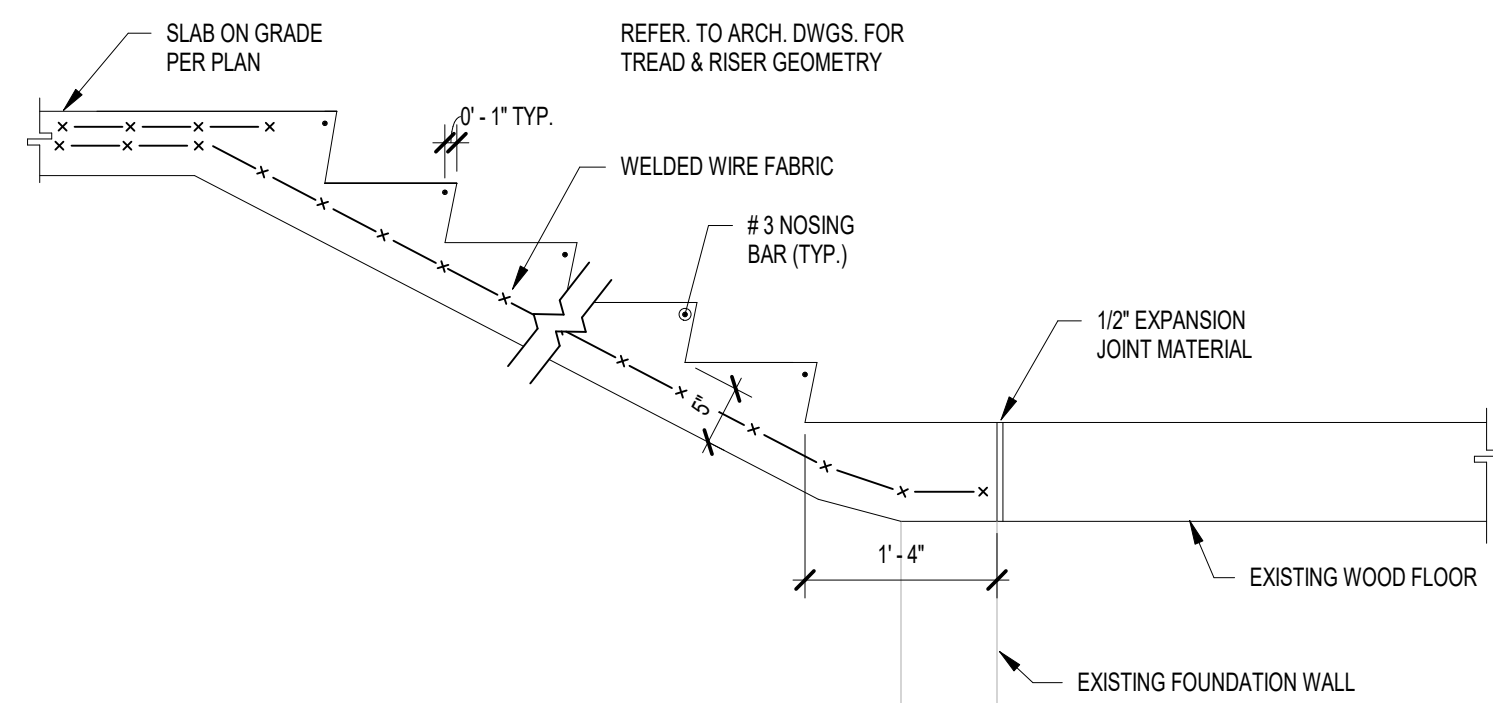
© GIBRALTAR DESIGN

SHEET

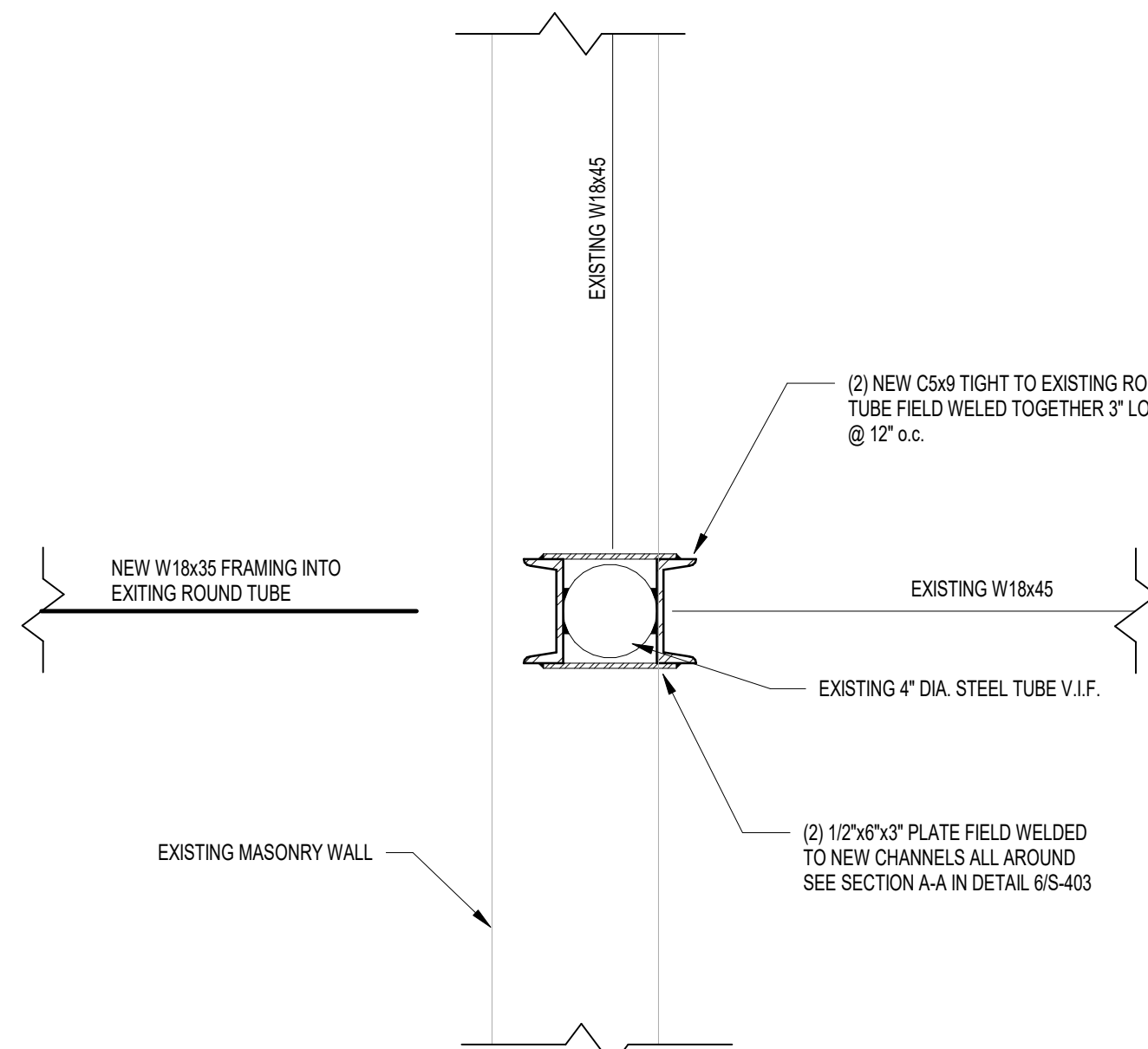
S-403



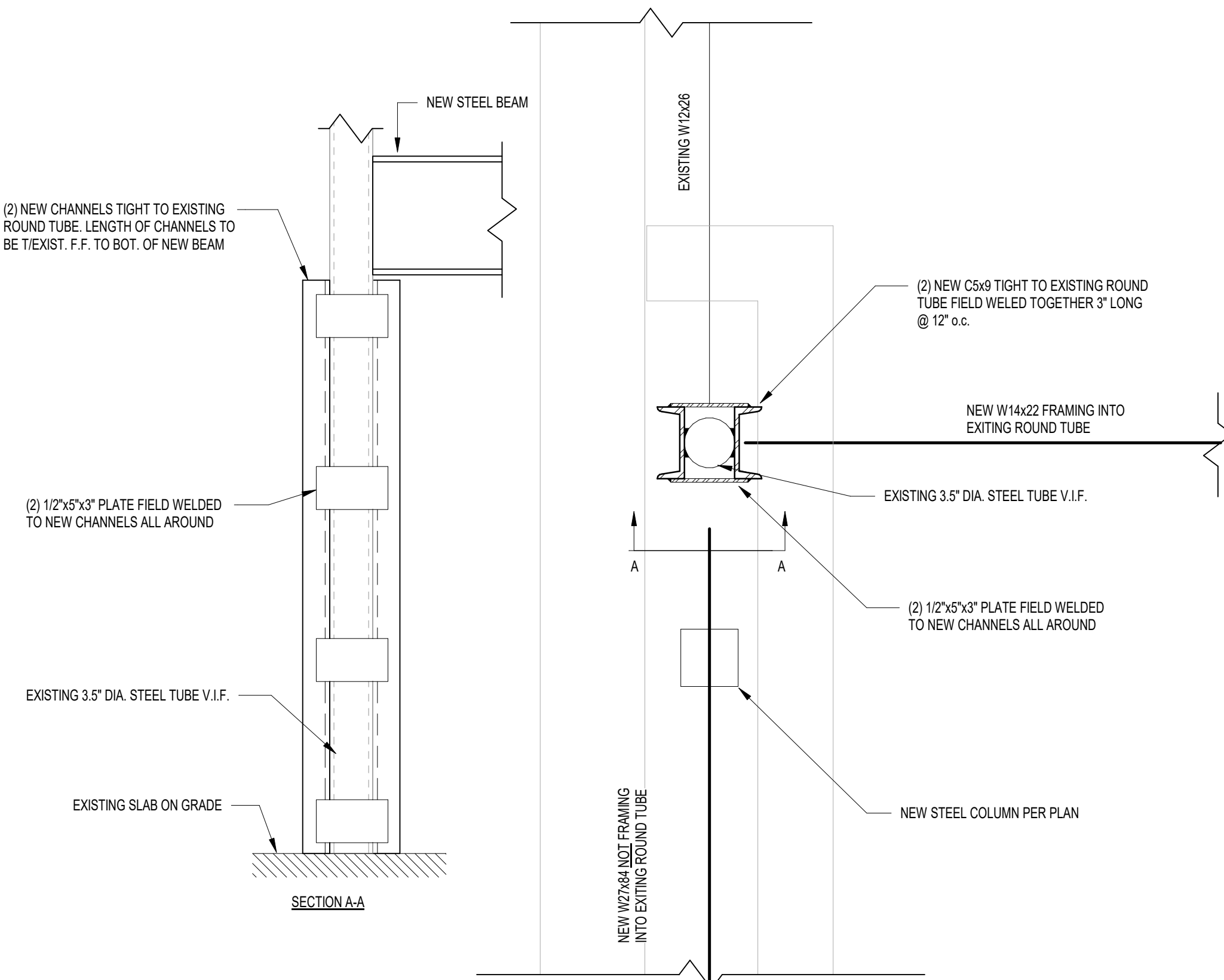
10 FOUNDATION SECTION
3/4" = 1'-0"



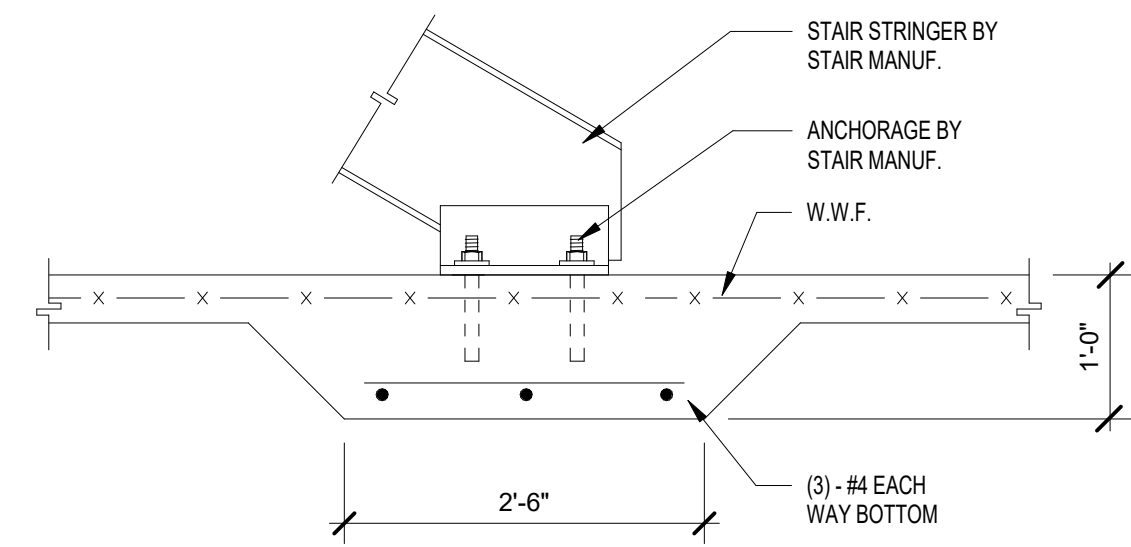
9 CONCRETE STAIR DETAIL
3/4" = 1'-0"



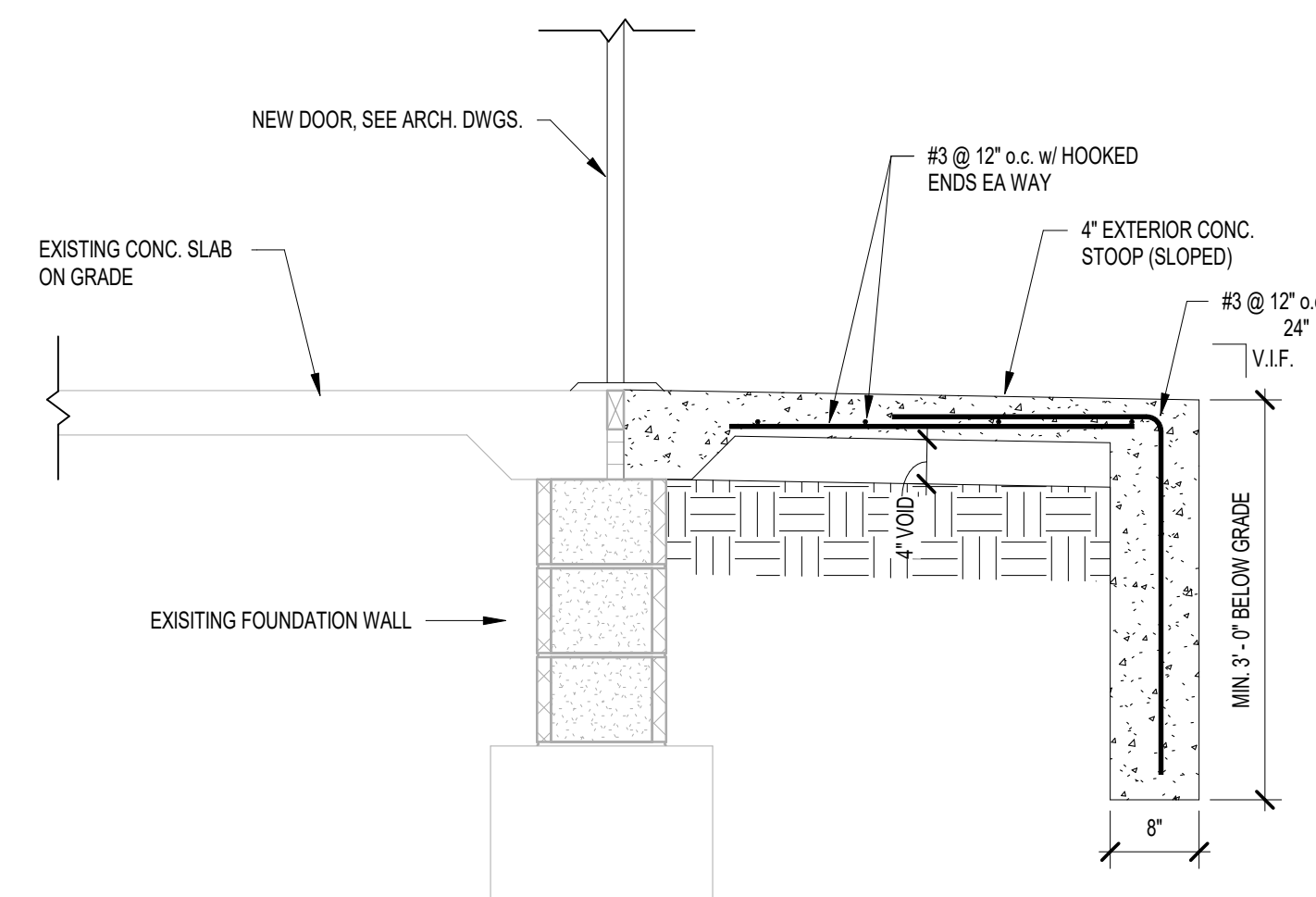
7 EXISTING COLUMN REINFORCING
1 1/2" = 1'-0"



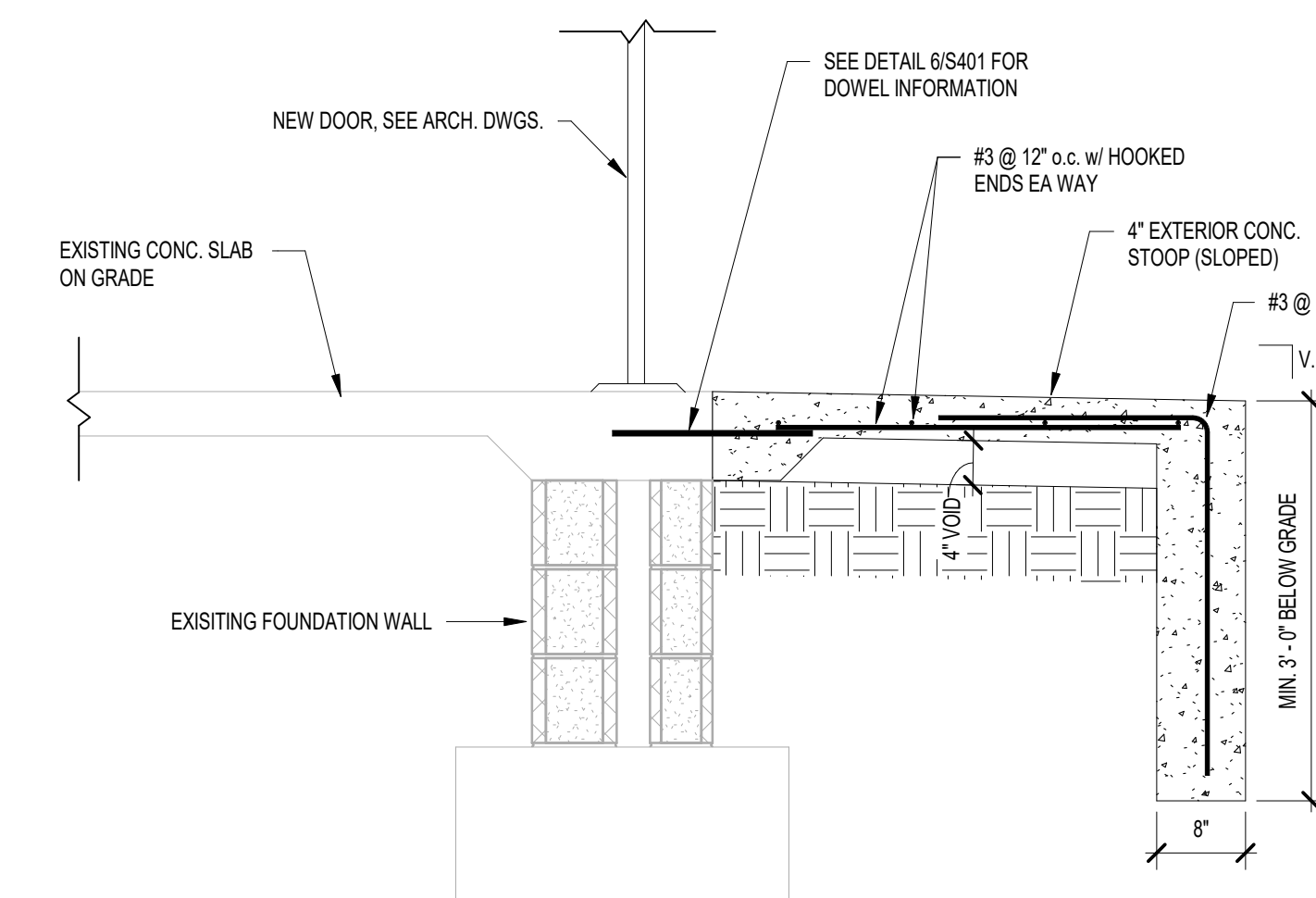
6 EXISTING COLUMN REINFORCING
1 1/2" = 1'-0"



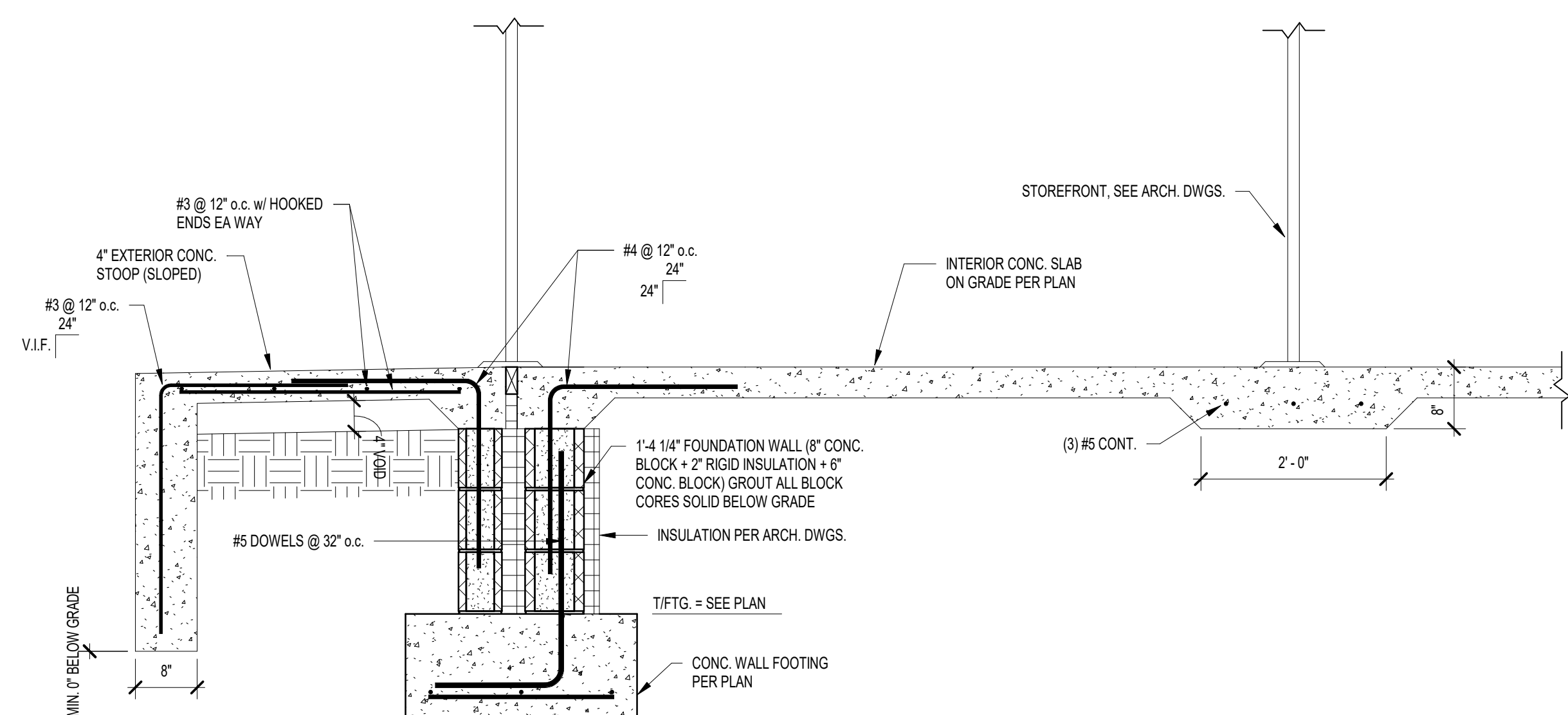
8 THICKENED SLAB AT STAIR POSTS
3/4" = 1'-0"



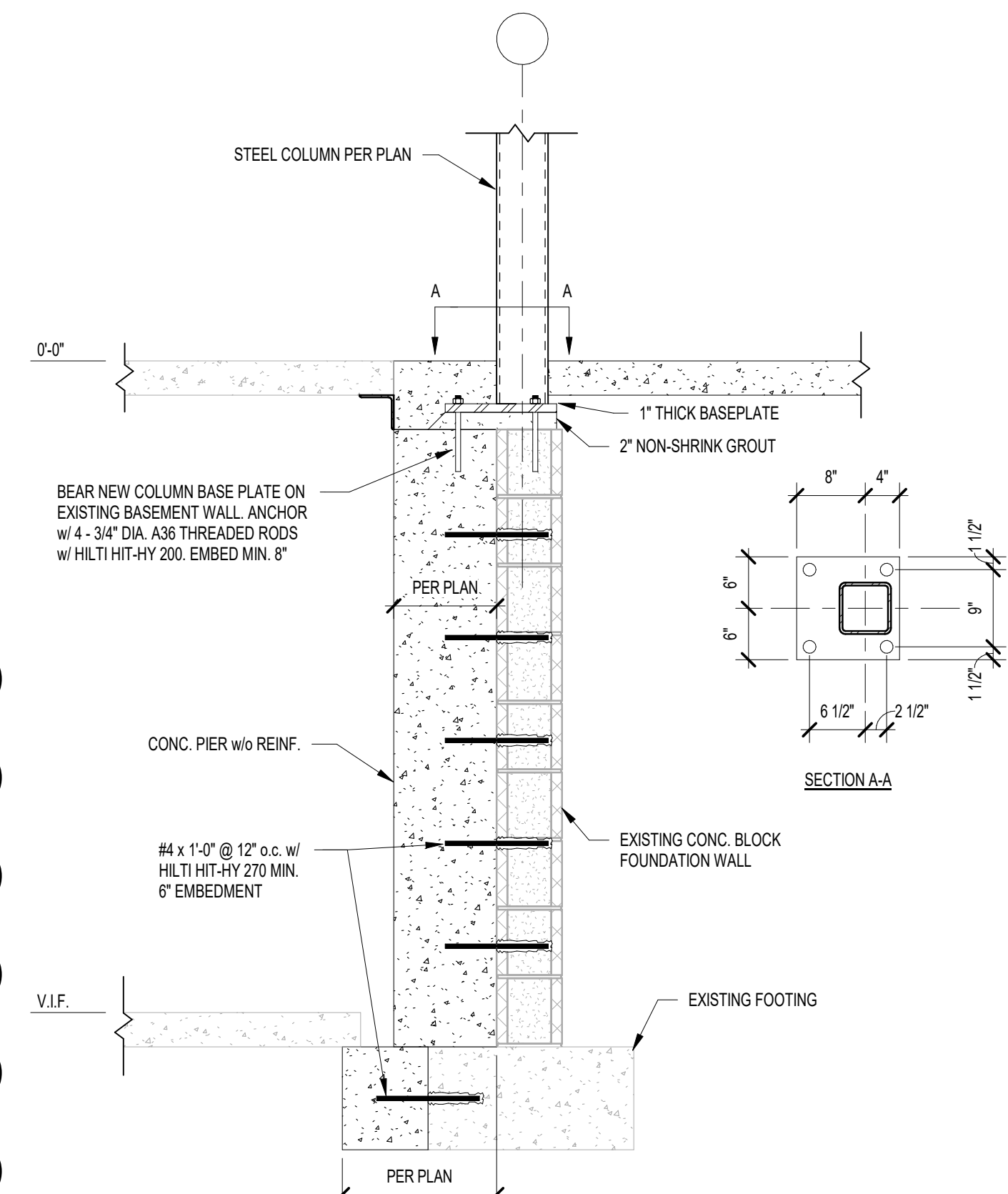
5 FOUNDATION SECTION
3/4" = 1'-0"



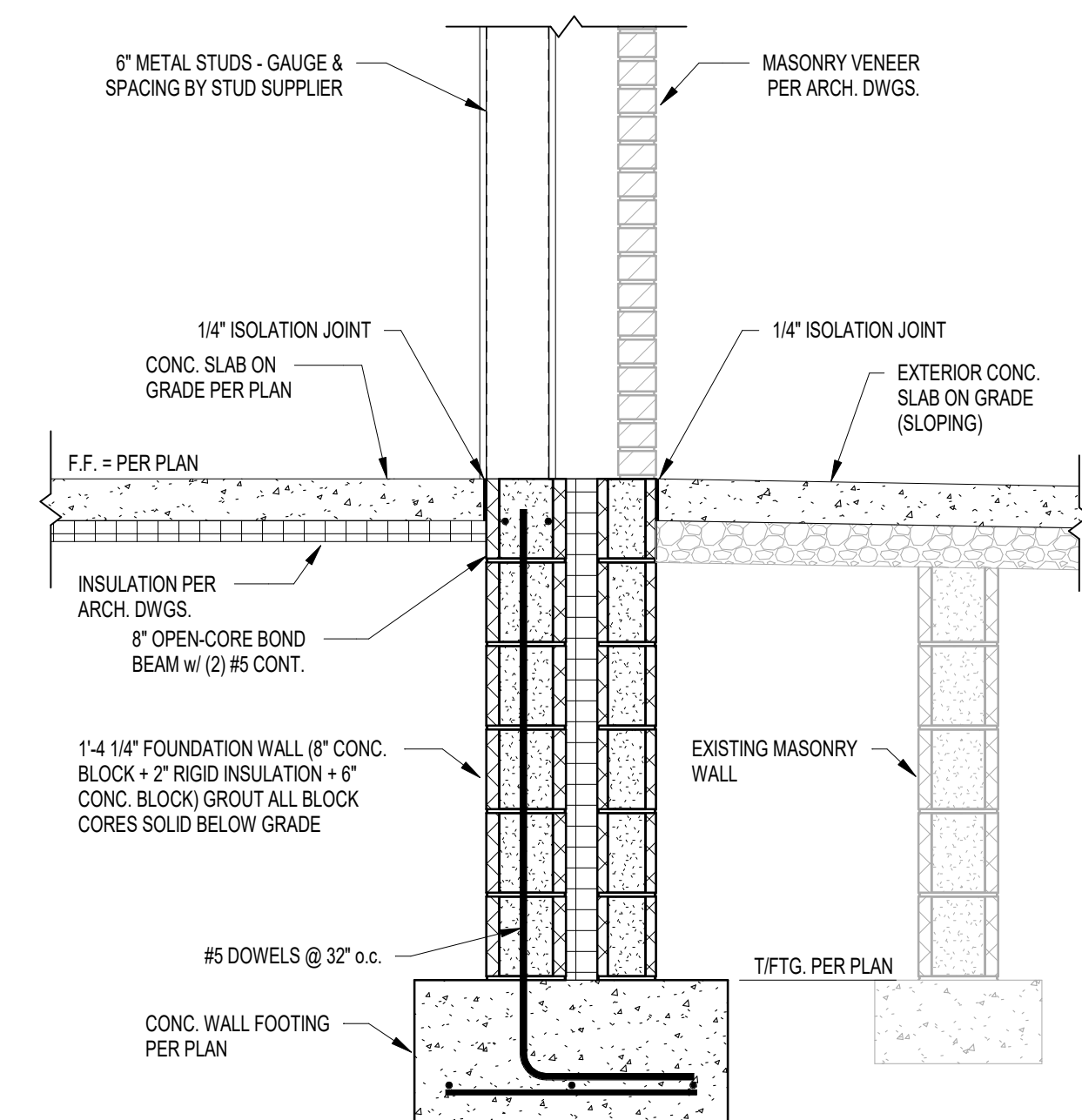
4 FOUNDATION SECTION
3/4" = 1'-0"



1 FOUNDATION SECTION
3/4" = 1'-0"



3 NEW PIER NEXT TO EXISTING WALL
3/4" = 1'-0"

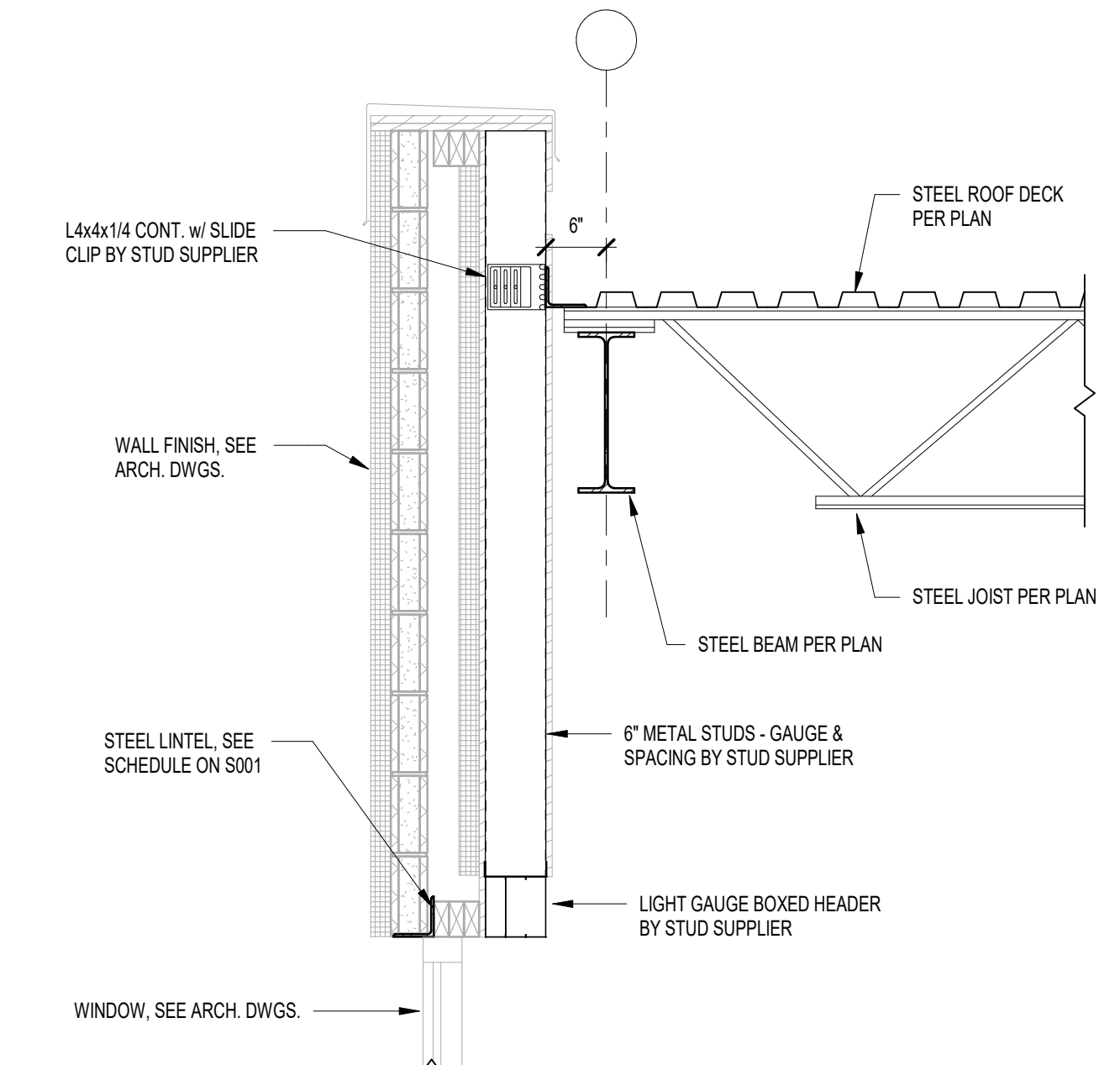
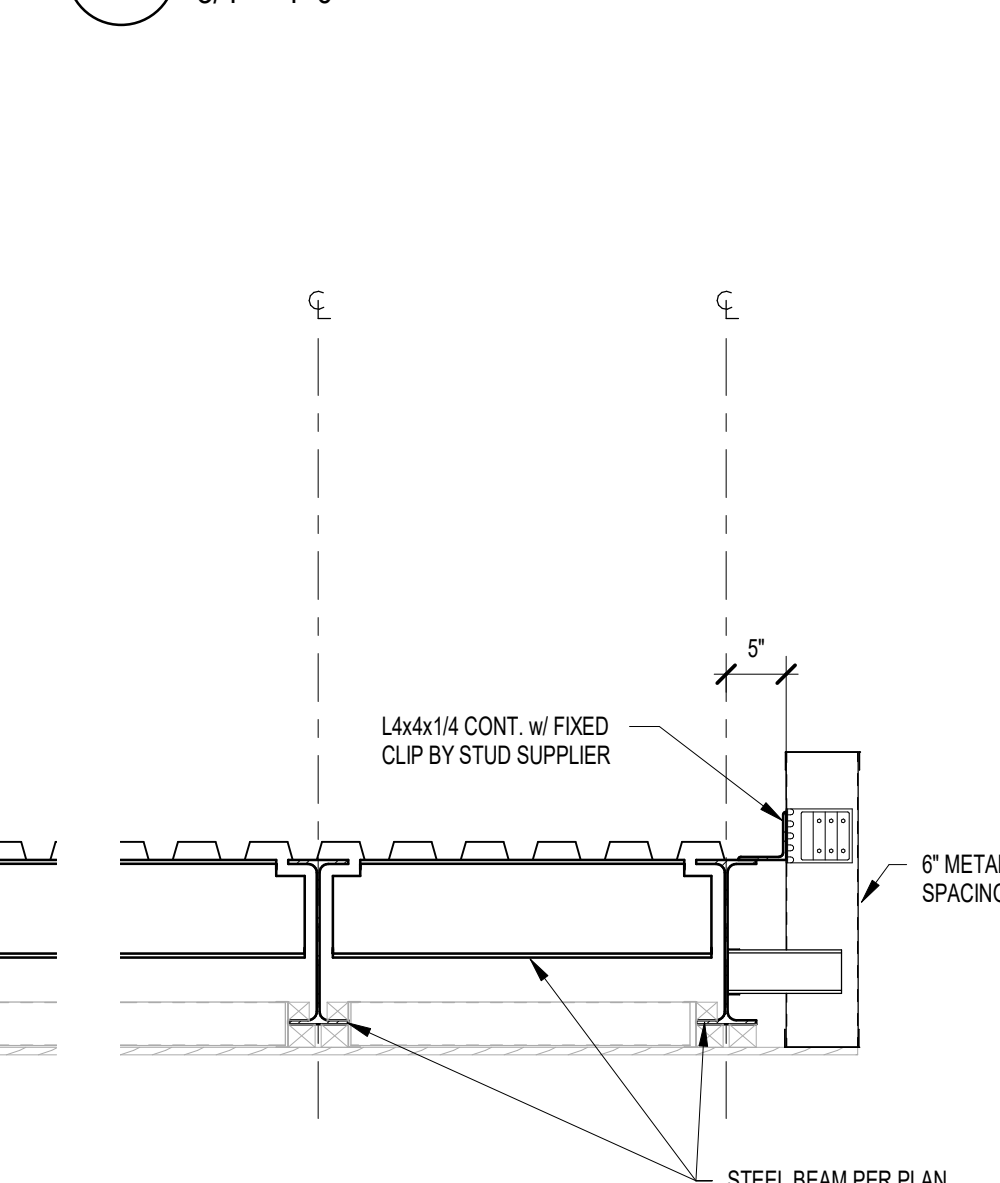
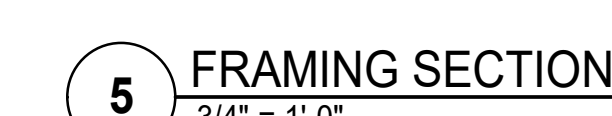
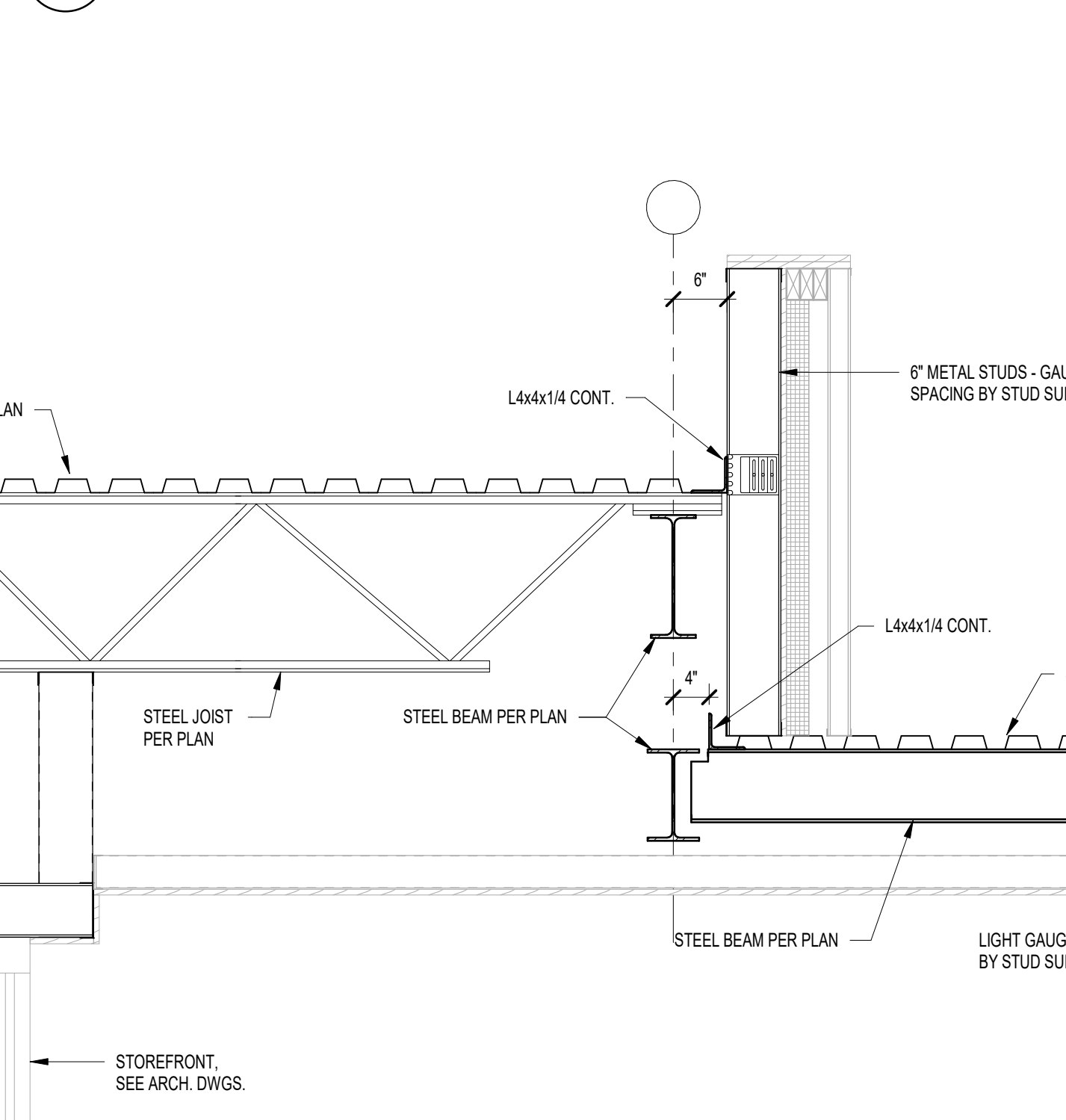
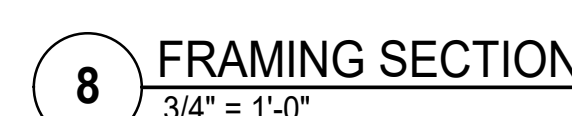
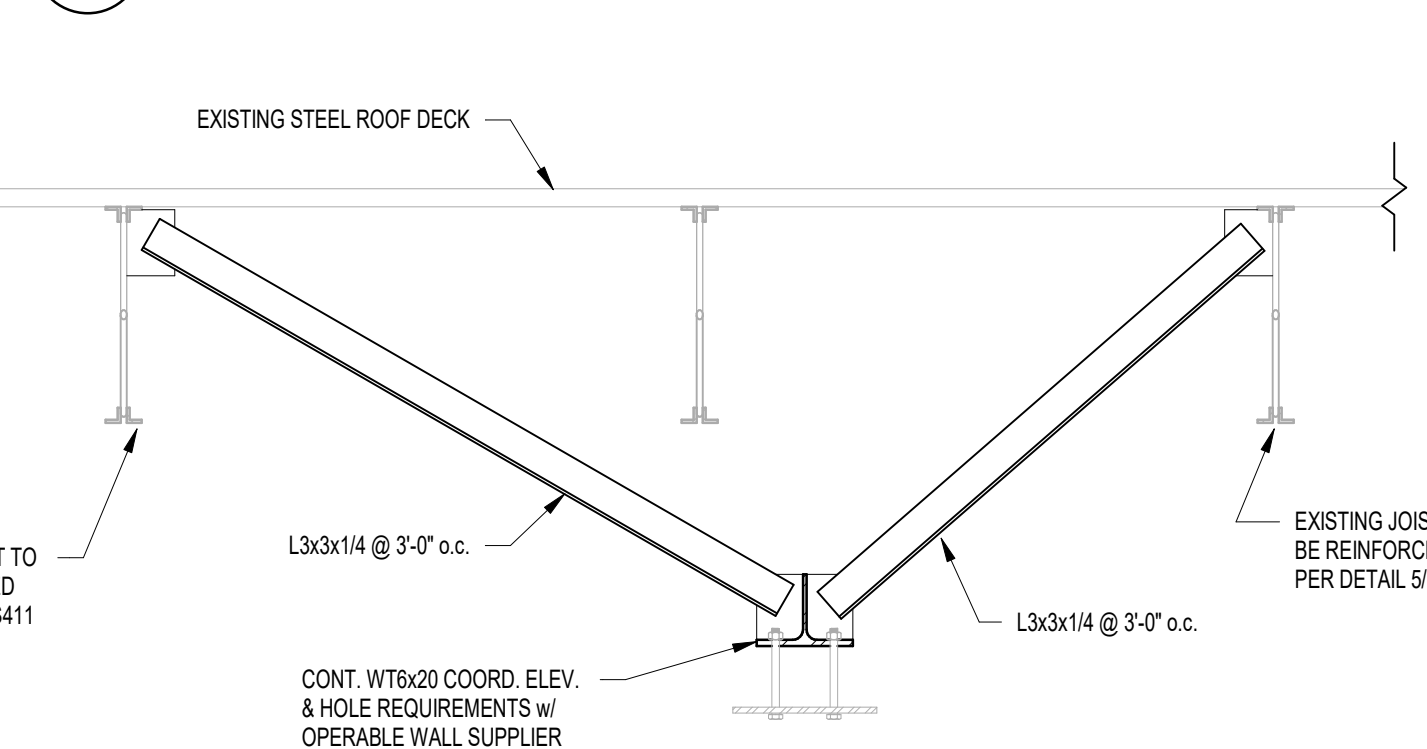
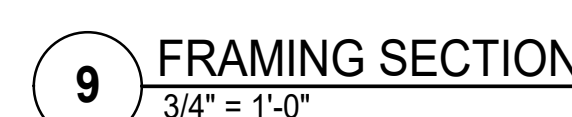
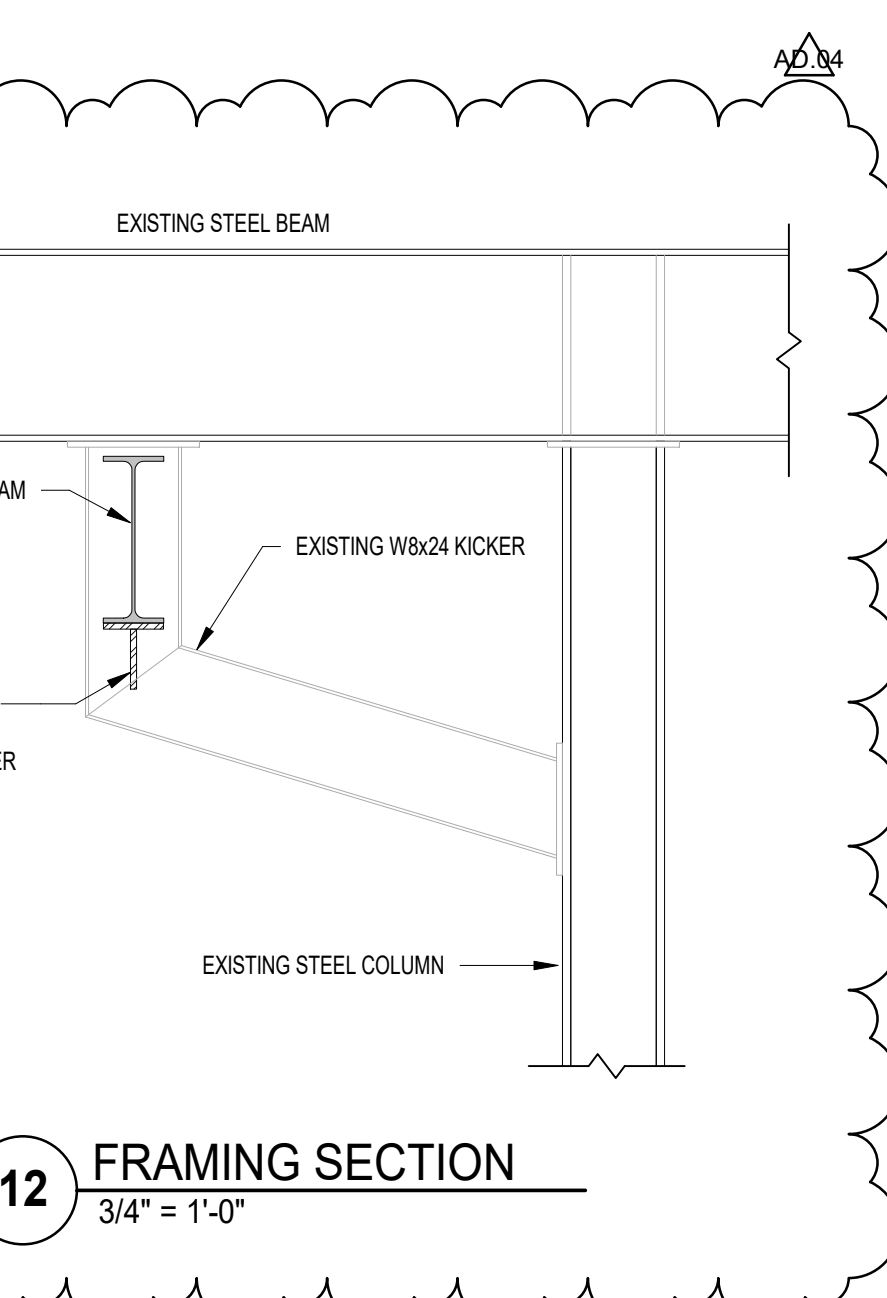
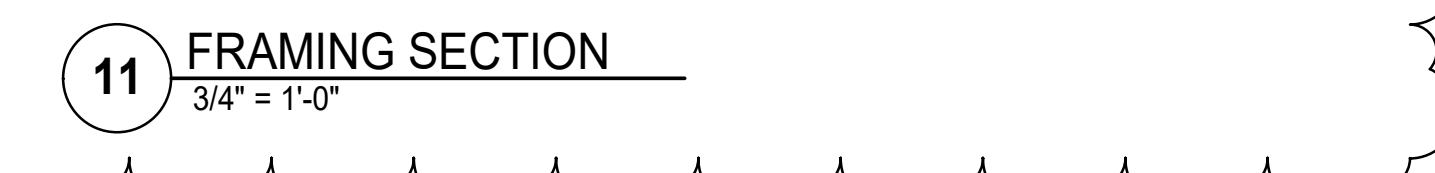
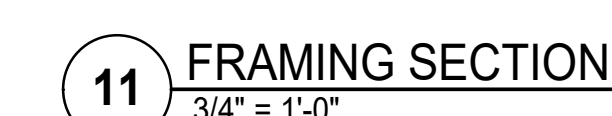
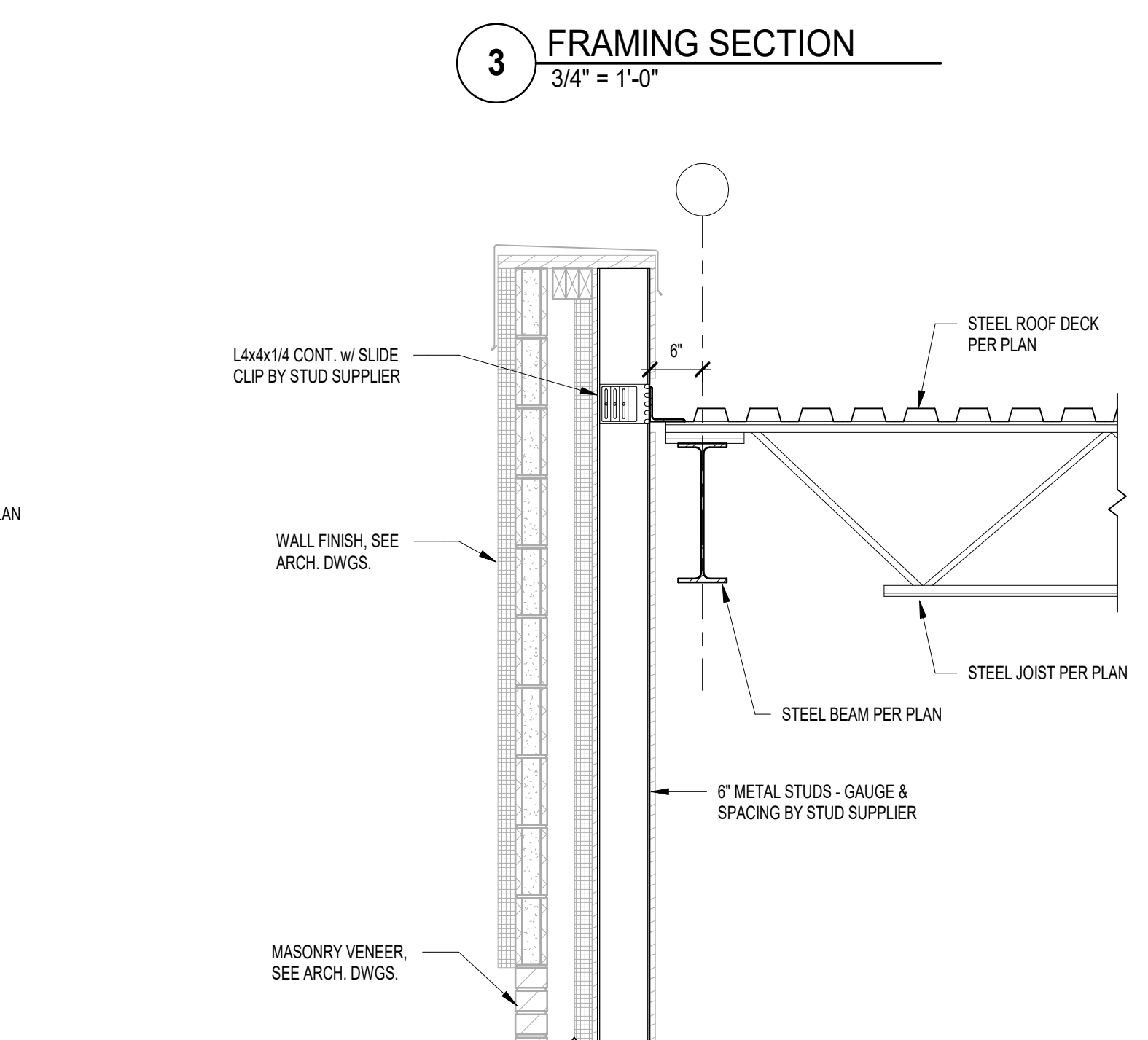
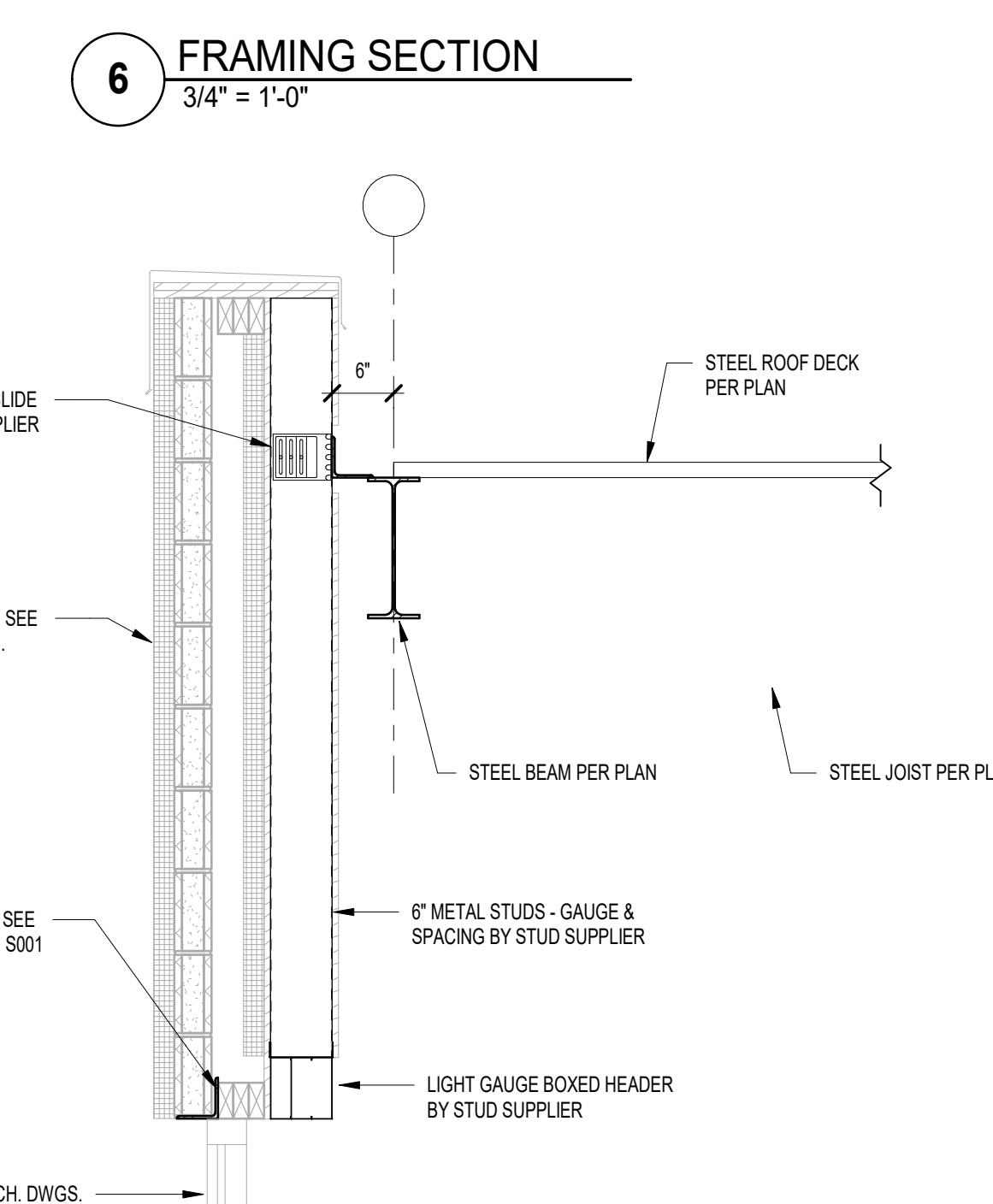
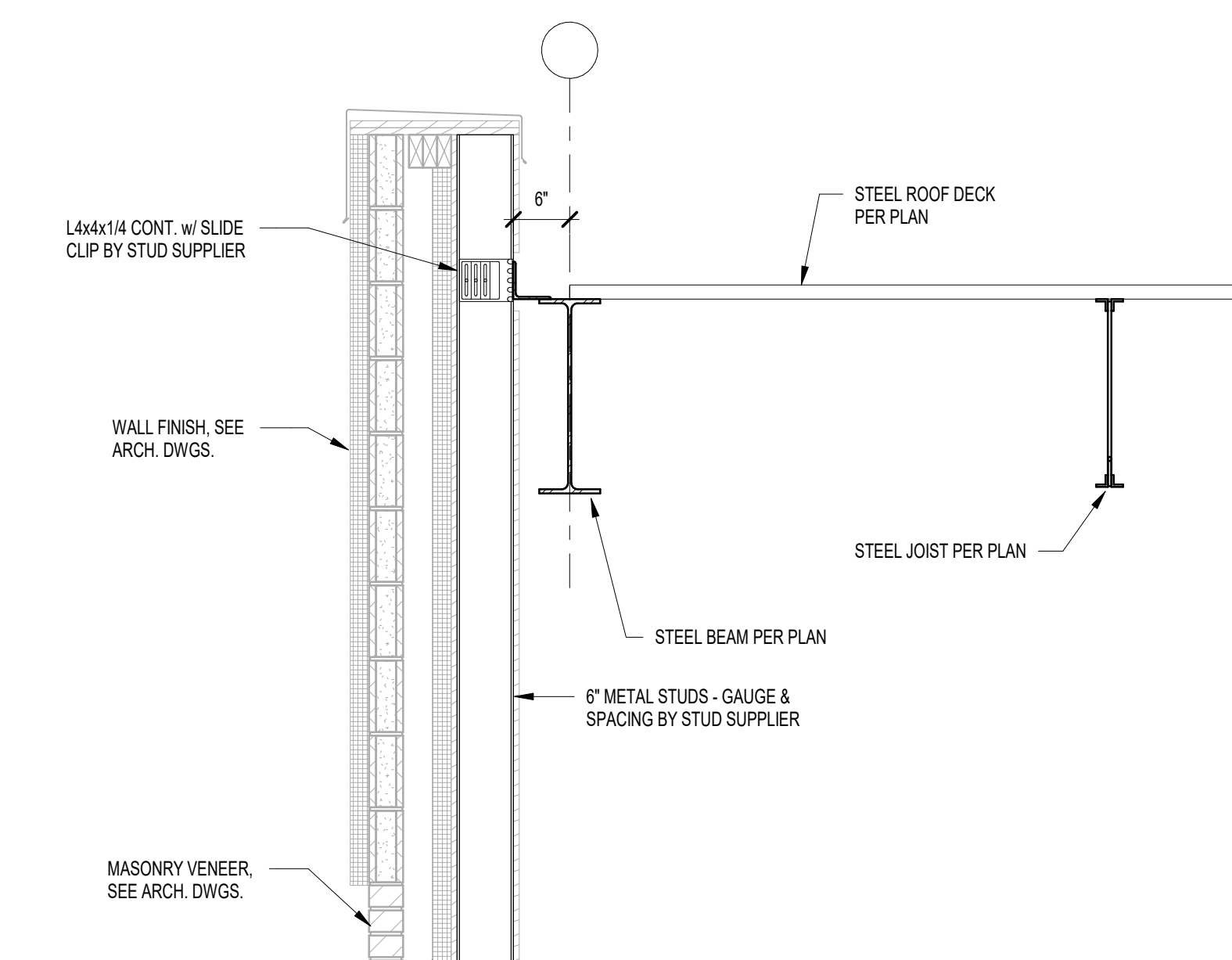
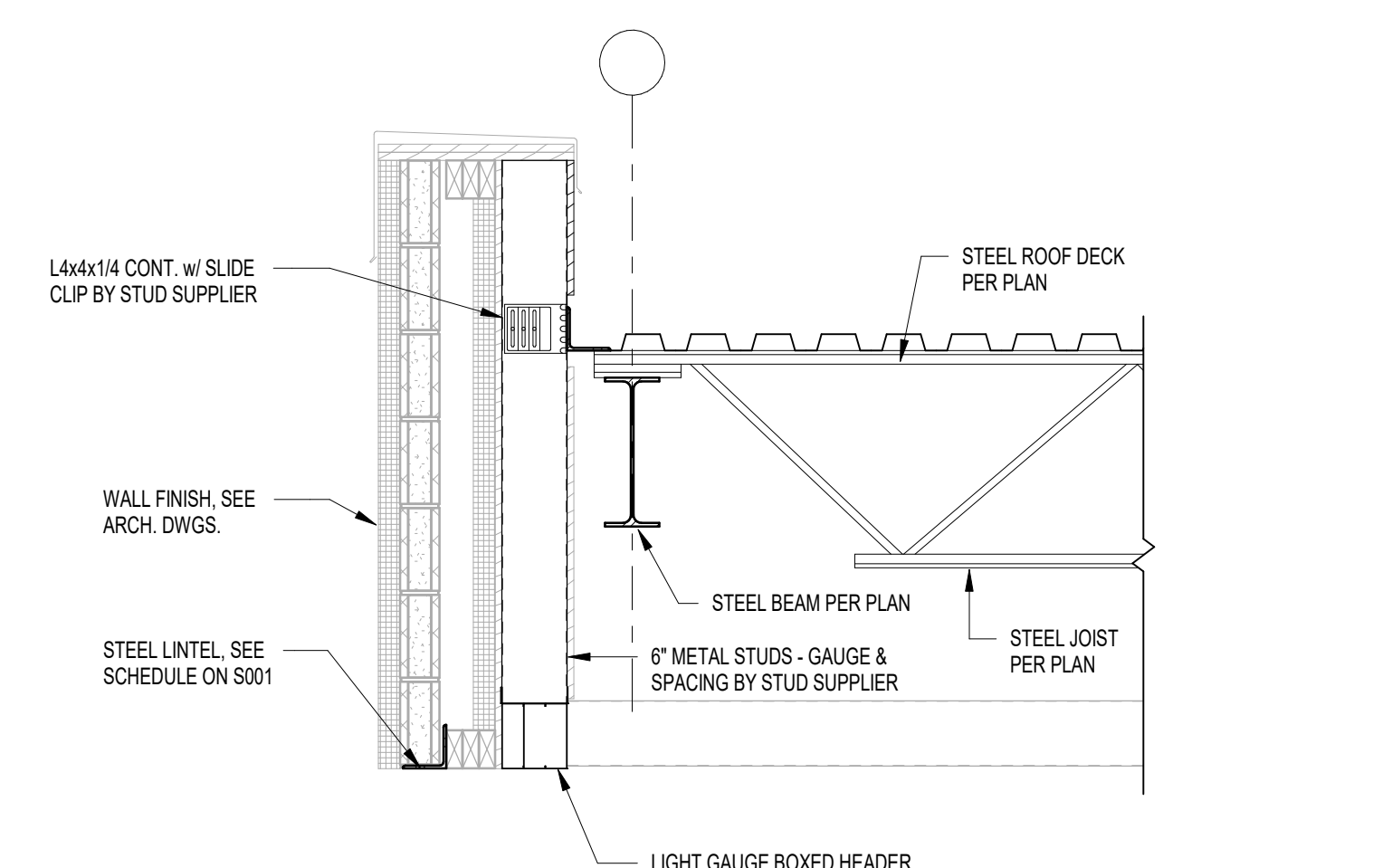
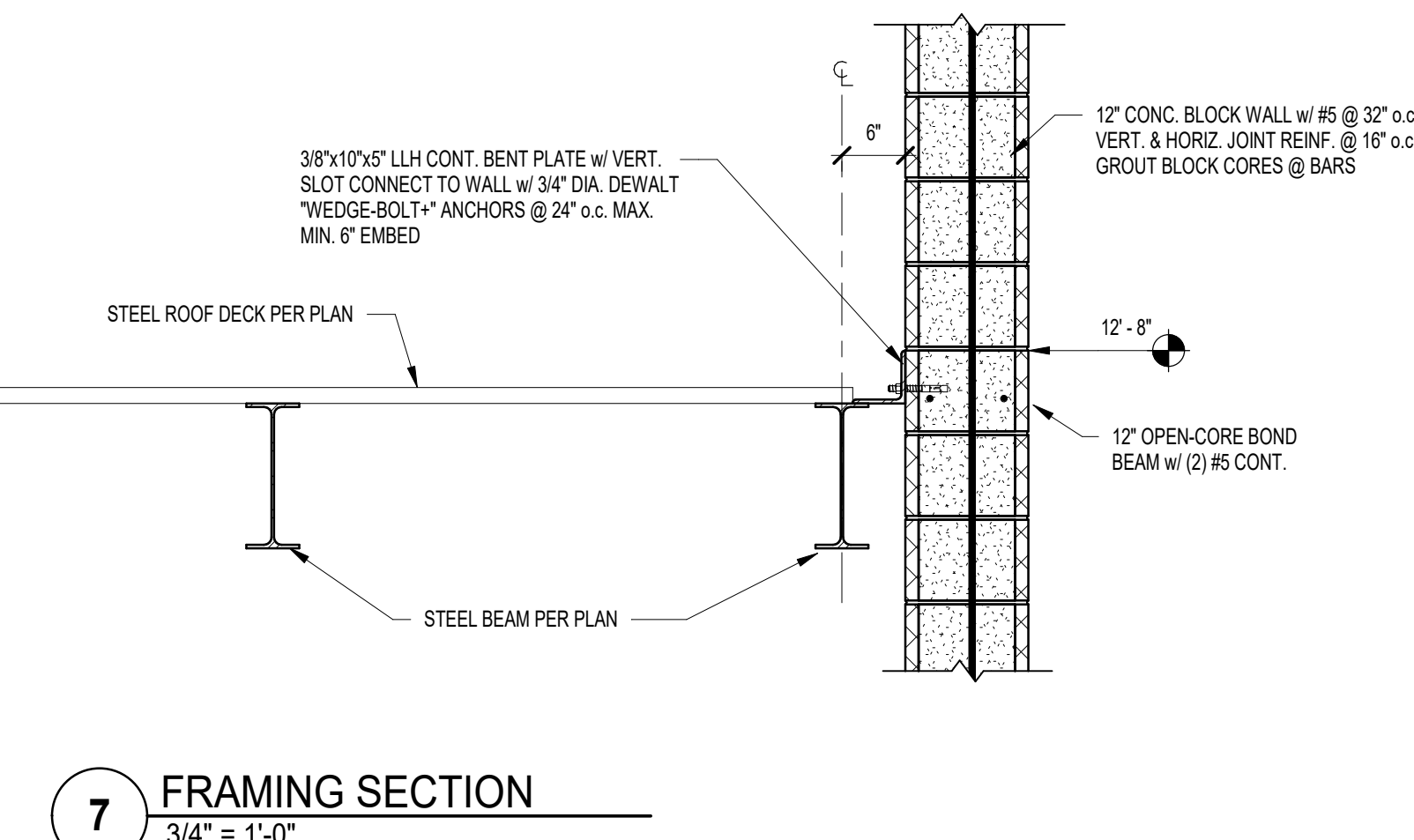


2 FOUNDATION SECTION
3/4" = 1'-0"



LIBERTY INTERMEDIATE SCHOOL - ADDITIONS & RENOVATIONS

10 FRAMING SECTION
3/4" = 1'-0"



PROJECT 21-139	
DATE 4-25-2022	
COORDINATED BY Designer	
DRAWN BY JMS	
CHECKED BY SAC	

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.

REVISIONS		
MARK	DATE	ISSUED FOR
AD-0.3	5/12/2022	ADDENDUM #3
AD-0.4	5/18/2022	ADDENDUM #4

DRAWING
STRUCTURAL FRAMING
DETAILS & SECTIONS

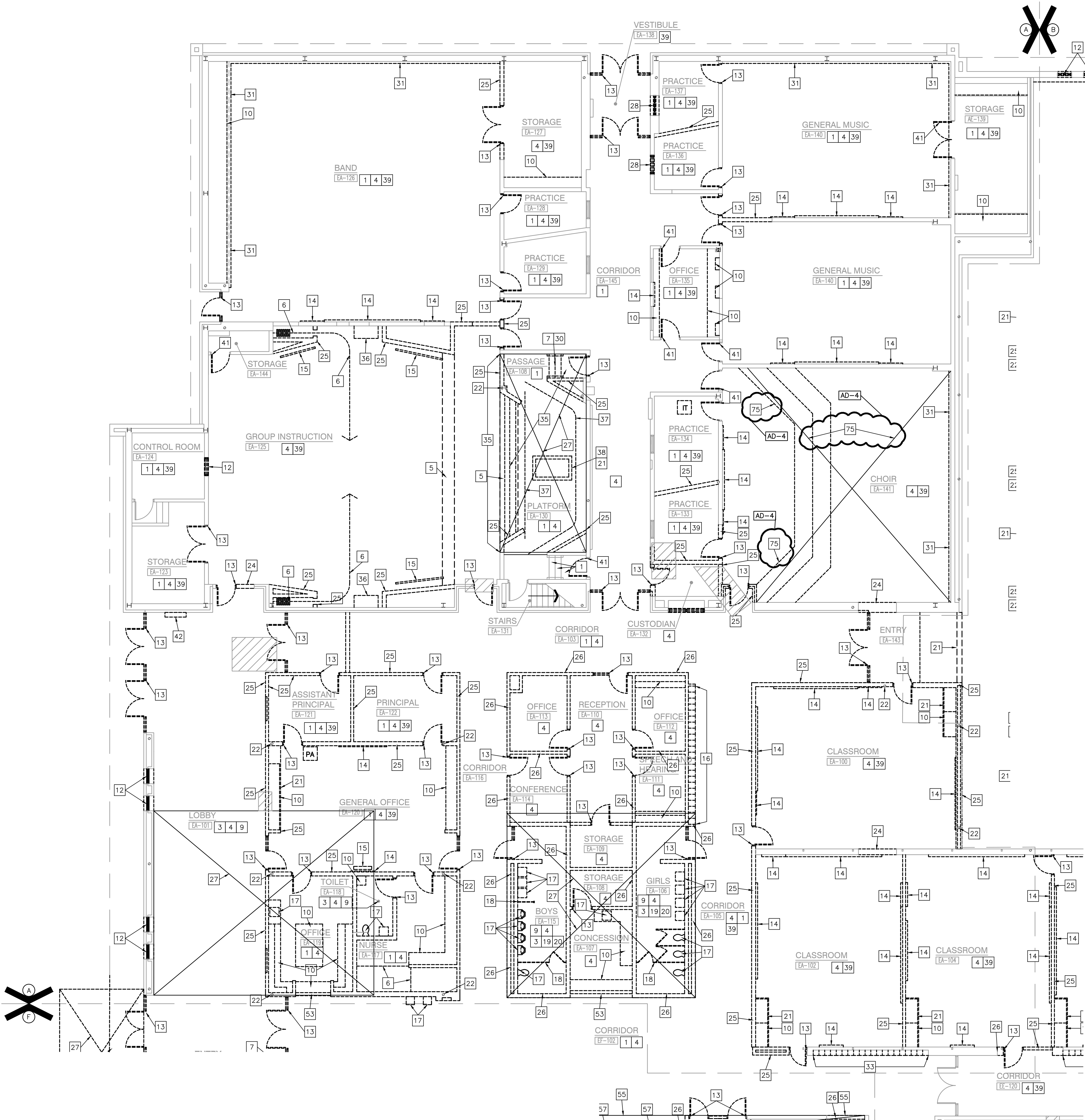
PROJECT
LIBERTY IS - ADDITIONS &
RENOVATIONS

© GIBRALTAR DESIGN

SHEET

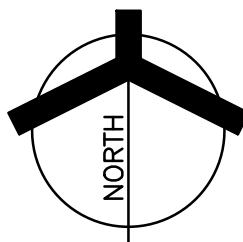
S-415

Wednesday, 5/18/2022 - 4:16 PM - LAST SAVED BY:DAVIS
Y:\21-139 DUNELAND SC - LIBERTY INTERMEDIATE SCHOOL
ADDITIONS AND RENOVATIONS\21-139 DRAWINGS\05
ARCH\0101.DWG



UNIT "A" ARCHITECTURAL FIRST FLOOR DEMOLITION PLAN

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



- 39 REMOVE EXISTING FABRIC WALL COVERING AND PREPARE WALLS FOR NEW FINISHES.
- 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 EXISTING PIPE BOLLARD. COORDINATE WITH CIVIL 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, PATHS, 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 EQUIPMENT.
- 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.
- 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 FINISH.
- 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 REMAIN.
- 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.
- 72 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 THIS SHEET.
- C. CONTRACTORS ENCOUNTERING EXISTING MATERIAL WHICH IS SUSPECTED OF CONTAINING ASBESTOS SHALL STOP WORK IMMEDIATELY AND NOTIFY THE OWNER AND THE OWNERS REPRESENTATIVE.
- D. BOLD DASHED LINES INDICATE EXISTING ITEMS TO BE REMOVED UNLESS OTHERWISE NOTED. THE CONTRACTOR SHALL BE RESPONSIBLE FOR FIELD VERIFYING THE EXTENT OF DEMOLITION WORK PRIOR TO BIDDING AND FOR COORDINATING THE EXTENT OF DEMOLITION WITH THE INSTALLATION OF NEW SYSTEMS.
- E. EACH CONTRACTOR SHALL BE RESPONSIBLE FOR ALL DEMOLITION APPLICABLE TO THEIR SCOPE OF WORK AND AS REQUIRED FOR INSTALLATION OF NEW WORK WHETHER OR NOT IT IS SPECIFICALLY INDICATED OR NOTED IN THESE DOCUMENTS.
- F. REMOVE ALL ITEMS AND FINISHES MADE OBSOLETE BY NEW CONSTRUCTION. VERIFY ITEMS DEEMED OBSOLETE WITH ARCHITECT PRIOR TO REMOVAL. REFER TO NEW CONSTRUCTION DRAWINGS FOR DEMOLITION REQUIRED NOT SHOWN ON DEMOLITION PLANS.
- G. EACH CONTRACTOR SHALL BE RESPONSIBLE FOR OFF SITE REMOVAL OF ALL DEMOLITION MATERIALS AND/OR ITEMS UNLESS NOTED OTHERWISE OR DIRECTED BY THE OWNER.
- H. PRIOR TO STARTING DEMOLITION, CONSTRUCT DUST CONTROL BARRIERS AS REQUIRED TO PREVENT THE SPREAD OF DUST INTO SURROUNDING AREAS (WHERE APPLICABLE).
- I. WHERE BUILDING EGRESS IS REQUIRED TO PASS THROUGH DEMOLITION AREAS, PROVIDE APPROVED BARRIERS, ETC. TO ENSURE SAFETY OF THE PUBLIC.
- J. RELOCATED ITEMS SHALL BE CLEANED AND PLACED IN STORAGE, PER OWNERS' DIRECTION, UNTIL ITEMS ARE READY TO BE INSTALLED. IF ITEMS ARE DAMAGED DURING DEMOLITION OR RELOCATION, THEY SHALL BE REPAIRED OR REPLACED WITH NEW ITEMS AS APPROVED.
- K. DEMOLITION SHALL BE PERFORMED WITHOUT DAMAGE TO EXISTING CONSTRUCTION TO REMAIN. WHERE SUCH DAMAGE OCCURS, PATCH, REPAIR, OR RESTORE WALLS, FLOORS, CEILING, ETC. NEATLY TO MATCH EXISTING ADJACENT SURFACE. PROVIDE SHORING, BRACING, OR SUPPORT AS REQUIRED TO PREVENT MOVEMENT OR SETTLEMENT OF EXISTING STRUCTURES.
- L. EACH CONTRACTOR IS RESPONSIBLE FOR CUTTING, PATCHING, AND DISCONNECTION OF ITEMS APPLICABLE TO THEIR SCOPE OF WORK. WHERE EXISTING SERVICES ARE ABANDONED, CAP AT LEAST 1" BEHIND NEW FINISHES AND/OR EXISTING SURFACE AND PATCH 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 FINISHES.
- N. WHERE WALLS OR BULKHEADS ARE REMOVED, PATCH FLOORS, CEILINGS, AND ADJACENT WALLS AS REQUIRED TO MATCH EXISTING OR RECEIVE NEW FINISHES WHERE APPLICABLE. WHERE EXISTING DUCTWORK, PIPING, OR EQUIPMENT IS REMOVED, PATCH OPENINGS AND/OR SURFACES AS REQUIRED TO MATCH ADJACENT SURFACES OR RECEIVE NEW FINISHES WHERE APPLICABLE. REFER TO ALL DEMOLITION DRAWINGS FOR EXTENT OF ITEMS TO BE REMOVED.
- O. OVER CUT NEW OPENINGS IN EXISTING WALL AS REQUIRED FOR NEW CONSTRUCTION. PATCH AND REPAIR WALLS 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 MATCHING 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.
- 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 AS REQUIRED TO ACCEPT NEW FINISHES.
- 11 REMOVE UNIT VENTILATOR SYSTEM IN ITS ENTIRETY. SEE MECHANICAL DRAWINGS.
- 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 OWNERS.
- 20 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.
- 23 REMOVE EXISTING COLUMN IN ITS ENTIRETY. COORDINATE WITH STRUCTURAL DRAWINGS.
- 24 REMOVE SECTION OF WALL TO CREATE NEW OPENING FOR DOOR.
- 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.
- 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 FRAMING IN ITS ENTIRETY.



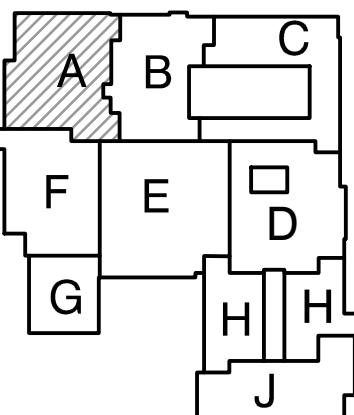
GIBRALTAR
DESIGN

ARCHITECTURE • ENGINEERING • INTERIOR DESIGN

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

DWJ

DRAWN BY

DND

CHECKED BY

BCB

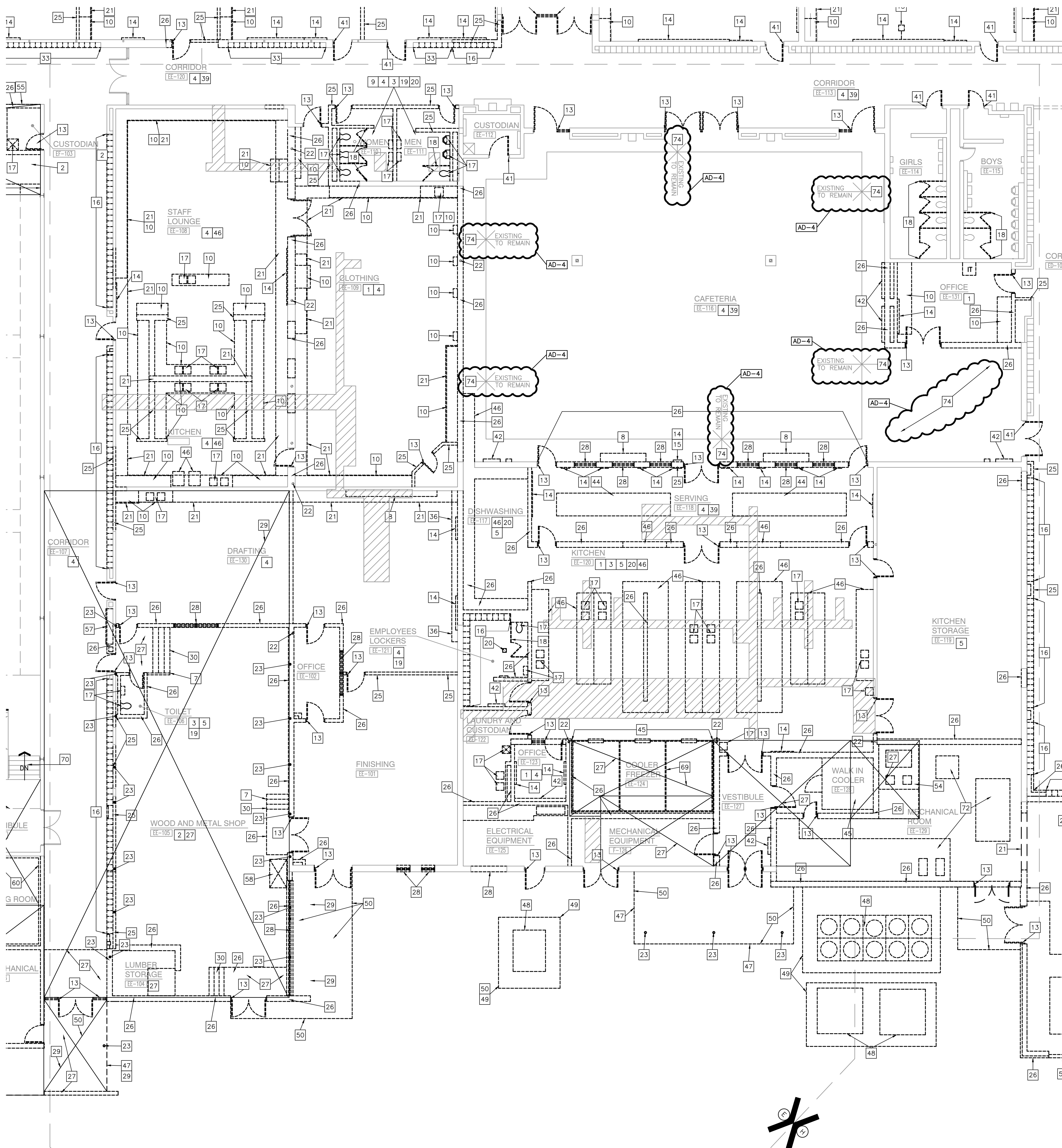
COPYRIGHT NOTICE:

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 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-1	05/05/22	ADDENDUM NO. 1
AD-3	5/12/22	ADDENDUM NO.3
AD-5	5/18/22	ADDENDUM NO.4

Wednesday, 5/18/2022 - 3:56 PM - LAST SAVED BY: CADVIS
Y:\21-139 DUNELAND SC - LIBERTY INTERMEDIATE SCHOOL
ADDITIONS AND RENOVATIONS\21-139 DRAWINGS\05
ARCH\0105.DWG



UNIT "E" ARCHITECTURAL FIRST FLOOR DEMOLITION PLAN

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

- 39 REMOVE EXISTING FABRIC WALL COVERING AND PREPARE WALLS FOR NEW FINISHES.
- 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, PATHS, 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 EQUIPMENT.
- 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.
- 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 FINISH.
- 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 REMAIN.
- 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.
- 72 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.

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 G1 SERIES SHEETS.
- B. UNLESS NOTED OTHERWISE ON THIS SHEET, THE GENERAL CONTRACTOR IS RESPONSIBLE FOR ALL DEMOLITION AND REMOVAL WORK INDICATED ON THIS SHEET.
- C. CONTRACTORS ENCOUNTERING EXISTING MATERIAL WHICH IS SUSPECTED OF CONTAINING ASBESTOS SHALL STOP WORK IMMEDIATELY AND NOTIFY THE OWNER AND THE OWNERS REPRESENTATIVE.
- D. BOLD DASHED LINES INDICATE EXISTING ITEMS TO BE REMOVED UNLESS OTHERWISE NOTED. THE CONTRACTOR SHALL BE RESPONSIBLE FOR FIELD VERIFICATION OF THE EXISTENCE OF THE ITEMS TO BE REMOVED AND FOR COORDINATING THE EXTENT OF DEMOLITION WITH THE INSTALLATION OF NEW SYSTEMS.
- E. EACH CONTRACTOR SHALL BE RESPONSIBLE FOR ALL DEMOLITION APPLICABLE TO THEIR SCOPE OF WORK AND AS REQUIRED FOR INSTALLATION OF NEW WORK WHETHER OR NOT IT IS SPECIFICALLY INDICATED OR NOTED IN THESE DOCUMENTS.
- F. REMOVE ALL ITEMS AND FINISHES MADE OBSOLETE BY NEW CONSTRUCTION. VERIFY ITEMS DEEMED OBSOLETE WITH ARCHITECT PRIOR TO REMOVAL. REFER TO NEW CONSTRUCTION DRAWINGS FOR DEMOLITION REQUIRED NOT SHOWN ON DEMOLITION PLANS.
- G. EACH CONTRACTOR SHALL BE RESPONSIBLE FOR OFF SITE REMOVAL OF ALL DEMOLITION MATERIALS AND/OR ITEMS UNLESS NOTED OTHERWISE OR DIRECTED BY THE OWNER.
- H. PRIOR TO STARTING DEMOLITION, CONSTRUCT DUST CONTROL BARRIERS AS REQUIRED TO PREVENT THE SPREAD OF DUST INTO SURROUNDING AREAS (WHERE APPLICABLE).
- I. WHERE BUILDING EGRESS IS REQUIRED TO PASS THROUGH DEMOLITION AREAS, PROVIDE APPROVED BARRIERS, ETC. TO ENSURE SAFETY OF THE PUBLIC.
- J. RELOCATED ITEMS SHALL BE CLEANED AND PLACED IN STORAGE, PER OWNERS' DIRECTION, UNTIL ITEMS ARE READY TO BE INSTALLED. IF ITEMS ARE DAMAGED DURING DEMOLITION OR RELOCATION, THEY SHALL BE REPAIRED OR REPLACED WITH NEW ITEMS AS APPROVED.
- K. DEMOLITION SHALL BE PERFORMED WITHOUT DAMAGE TO EXISTING CONSTRUCTION TO REMAIN. WHERE SUCH DAMAGE OCCURS, PATCH, REPAIR, OR RESTORE WALLS, FLOORS, CEILING, ETC. NEATLY TO MATCH EXISTING ADJACENT SURFACE. PROVIDE SHORING, BRACING, OR SUPPORT AS REQUIRED TO PREVENT MOVEMENT OR SETTLEMENT OF EXISTING STRUCTURES.
- L. EACH CONTRACTOR IS RESPONSIBLE FOR CUTTING, PATCHING, AND DISCONNECTION OF ITEMS APPLICABLE TO THEIR SCOPE OF WORK. WHERE EXISTING SERVICES ARE ABANDONED, CAP AT LEAST 1" BEHIND NEW FINISHES AND/OR EXISTING SURFACE AND PATCH 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 FINISHES.
- N. WHERE WALLS OR BULKHEADS ARE REMOVED, PATCH FLOORS, CEILINGS, AND ADJACENT WALLS AS REQUIRED TO MATCH EXISTING OR RECEIVE NEW FINISHES WHERE APPLICABLE. WHERE EXISTING DUCTWORK, PIPING, OR EQUIPMENT IS REMOVED, PATCH OPENINGS AND/OR SURFACES AS REQUIRED TO MATCH ADJACENT SURFACES OR RECEIVE NEW FINISHES WHERE APPLICABLE. REFER TO ALL DEMOLITION DRAWINGS FOR EXTENT OF ITEMS TO BE REMOVED.
- O. OVER CUT NEW OPENINGS IN EXISTING WALL AS REQUIRED FOR NEW CONSTRUCTION. PATCH AND REPAIR WALLS 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) AND REPAIR AS REQUIRED FOR PATCHING AND INFILL IN RENOVATED AREAS WHERE INDICATED. DISCARD UNUSED PORTION OFF SITE.

DEMOLITION PLAN NOTES:

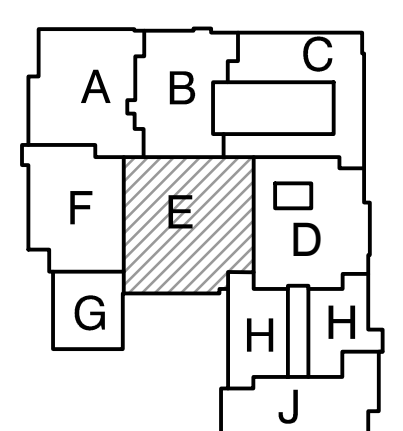
(ALL PLAN NOTES MAY NOT BE INDICATED ON THIS SHEET.)

- 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.
- 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 AND TRACK SUPPORT FRAMING
- 10 REMOVE CASEWORK IN ITS ENTIRETY. PATCH AND REPAIR WALL AND FLOOR AS REQUIRED TO ACCEPT NEW FINISHES.
- 11 REMOVE UNIT VENTILATOR SYSTEM IN ITS ENTIRETY. SEE MECHANICAL DRAWINGS.
- 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.
- 20 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.
- 23 REMOVE EXISTING COLUMN IN ITS ENTIRETY. COORDINATE WITH STRUCTURAL DRAWINGS.
- 24 REMOVE SECTION OF WALL TO CREATE NEW OPENING FOR DOOR.
- 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-129 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 FRAMING IN ITS ENTIRETY.



GIBRALTAR
DESIGN
ARCHITECTURE • ENGINEERING • INTERIOR DESIGN

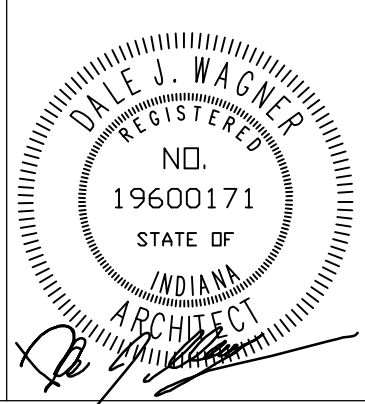
PROJECT
**LIBERTY
INTERMEDIATE
SCHOOL -
ADDITIONS &
RENOVATIONS**
DUNELAND SCHOOL CORPORATION
CHESTERTON, INDIANA



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
DWJ
DRAWN BY
DND
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 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-1	05/05/22	ADDENDUM NO. 1
AD-3	5/12/22	ADDENDUM NO.3
AD-4	5/18/22	ADDENDUM NO.4

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

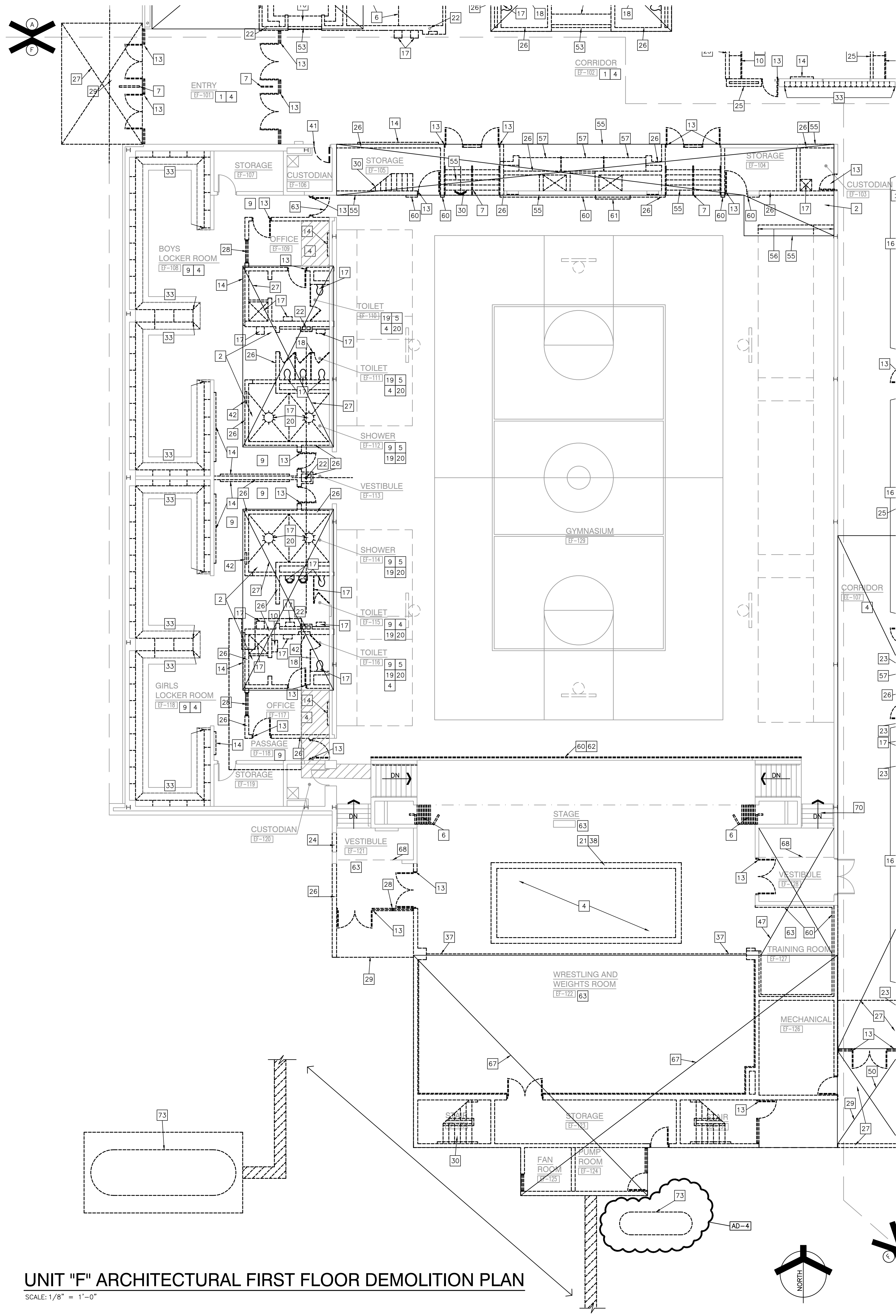
PROJECT
**LIBERTY IS -
ADDITIONS & RENOVATIONS**

© GIBRALTAR DESIGN SHEET
E AD105

Tuesday, 5/17/2022 - 8:53 AM - LAST SAVED BY: CADWIS
Y:\21-139 DUNELAND SC - LIBERTY INTERMEDIATE SCHOOL
ADDITIONS AND RENOVATIONS\21-139 DRAWINGS\05
ARCH\05\06\06

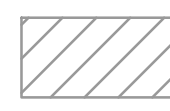
UNIT "F" ARCHITECTURAL FIRST FLOOR DEMOLITION PLAN

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



- 39 REMOVE EXISTING FABRIC WALL COVERING AND PREPARE WALLS FOR NEW FINISHES.
- 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, PATHS, 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 EQUIPMENT.
- 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.
- 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 FINISH.
- 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 REMAIN.
- 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.
- 72 REMOVE EXISTING CONCRETE EQUIPMENT PAD IN ITS ENTIRETY.
- 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.

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 G1 SERIES SHEETS.
- B. UNLESS NOTED OTHERWISE ON THIS SHEET, THE GENERAL CONTRACTOR IS RESPONSIBLE FOR ALL DEMOLITION AND REMOVAL WORK INDICATED ON THIS SHEET.
- C. CONTRACTORS ENCOUNTERING EXISTING MATERIAL WHICH IS SUSPECTED OF CONTAINING ASBESTOS SHALL STOP WORK IMMEDIATELY AND NOTIFY THE OWNER AND THE OWNERS REPRESENTATIVE.
- D. BOLD DASHED LINES INDICATE EXISTING ITEMS TO BE REMOVED UNLESS OTHERWISE NOTED. THE CONTRACTOR SHALL BE RESPONSIBLE FOR FIELD VERIFYING THE EXTENT OF DEMOLITION WORK PRIOR TO BIDDING AND FOR COORDINATING THE EXTENT OF DEMOLITION WITH THE INSTALLATION OF NEW SYSTEMS.
- E. EACH CONTRACTOR SHALL BE RESPONSIBLE FOR ALL DEMOLITION APPLICABLE TO THEIR SCOPE OF WORK AND AS REQUIRED FOR INSTALLATION OF NEW WORK WHETHER OR NOT IT IS SPECIFICALLY INDICATED OR NOTED IN THESE DOCUMENTS.
- F. REMOVE ALL ITEMS AND FINISHES MADE OBSOLETE BY NEW CONSTRUCTION. VERIFY ITEMS DEEMED OBSOLETE WITH ARCHITECT PRIOR TO REMOVAL. REFER TO NEW CONSTRUCTION DRAWINGS FOR DEMOLITION REQUIRED NOT SHOWN ON DEMOLITION PLANS.
- G. EACH CONTRACTOR SHALL BE RESPONSIBLE FOR OFF SITE REMOVAL OF ALL DEMOLITION MATERIALS AND/OR ITEMS UNLESS NOTED OTHERWISE OR DIRECTED BY THE OWNER.
- H. PRIOR TO STARTING DEMOLITION, CONSTRUCT DUST CONTROL BARRIERS AS REQUIRED TO PREVENT THE SPREAD OF DUST INTO SURROUNDING AREAS (WHERE APPLICABLE).
- I. WHERE BUILDING EGRESS IS REQUIRED TO PASS THROUGH DEMOLITION AREAS, PROVIDE APPROVED BARRIERS, ETC. TO ENSURE SAFETY OF THE PUBLIC.
- J. RELOCATED ITEMS SHALL BE CLEANED AND PLACED IN STORAGE, PER OWNERS' DIRECTION, UNTIL ITEMS ARE READY TO BE INSTALLED. IF ITEMS ARE DAMAGED DURING DEMOLITION OR RELOCATION, THEY SHALL BE REPAIRED OR REPLACED WITH NEW ITEMS AS APPROVED.
- K. DEMOLITION SHALL BE PERFORMED WITHOUT DAMAGE TO EXISTING CONSTRUCTION TO REMAIN. WHERE SUCH DAMAGE OCCURS, PATCH, REPAIR, OR RESTORE WALLS, FLOORS, CEILING, ETC. NEATLY TO MATCH EXISTING ADJACENT SURFACE. PROVIDE SHORING, BRACING, OR SUPPORT AS REQUIRED TO PREVENT MOVEMENT OR SETTLEMENT OF EXISTING STRUCTURES.
- L. EACH CONTRACTOR IS RESPONSIBLE FOR CUTTING, PATCHING, AND DISCONNECTION OF ITEMS APPLICABLE TO THEIR SCOPE OF WORK. WHERE EXISTING SERVICES ARE ABANDONED, CAP AT LEAST 1" BEHIND NEW FINISHES AND/OR EXISTING SURFACE AND PATCH 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 FINISHES.
- N. WHERE WALLS OR BULKHEADS ARE REMOVED, PATCH FLOORS, CEILINGS, AND ADJACENT WALLS AS REQUIRED TO MATCH EXISTING OR RECEIVE NEW FINISHES WHERE APPLICABLE. WHERE EXISTING DUCTWORK, PIPING, OR EQUIPMENT IS REMOVED, PATCH OPENINGS AND/OR SURFACES AS REQUIRED TO MATCH ADJACENT SURFACES OR RECEIVE NEW FINISHES WHERE APPLICABLE. REFER TO ALL DEMOLITION DRAWINGS FOR EXTENT OF ITEMS TO BE REMOVED.
- O. OVER CUT NEW OPENINGS IN EXISTING WALL AS REQUIRED FOR NEW CONSTRUCTION. PATCH AND REPAIR WALLS 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, ETC.) 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.
- 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 AS REQUIRED TO ACCEPT NEW FINISHES.
- 11 REMOVE UNIT VENTILATOR SYSTEM IN ITS ENTIRETY. SEE MECHANICAL DRAWINGS.
- 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.
- 20 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.
- 23 REMOVE EXISTING COLUMN IN ITS ENTIRETY. COORDINATE WITH STRUCTURAL DRAWINGS.
- 24 REMOVE SECTION OF WALL TO CREATE NEW OPENING FOR DOOR.
- 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-129 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 FRAMING IN ITS ENTIRETY.



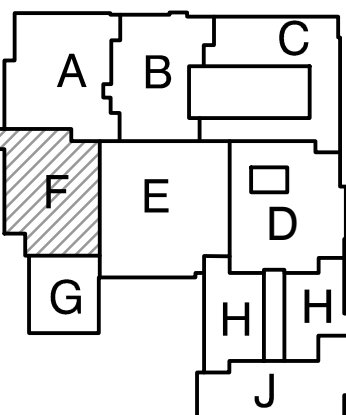
GIBRALTAR
DESIGN

ARCHITECTURE • ENGINEERING • INTERIOR DESIGN

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

DWJ

DRAWN BY

DND

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 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-1	05/05/22	ADDENDUM NO. 1
AD-3	5/12/22	ADDENDUM NO.3
AD-4	5/18/22	ADDENDUM NO.4

DRAWING

UNIT "F" ARCHITECTURAL FIRST FLOOR DEMOLITION PLAN

PROJECT

LIBERTY IS -
ADDITIONS & RENOVATIONS

© GIBRALTAR DESIGN

SHEET

F

AD106

GENERAL PLAN NOTES:

- A. FOR GENERAL PROJECT NOTES, MATERIAL INDICATIONS LEGEND, SYMBOL LEGEND, ABBREVIATIONS, ETC., REFER TO 'C' 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 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 WALLS SHALL BE LOCATED 4" MINIMUM FROM ADJACENT WALL UNLESS NOTED 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.
- 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.

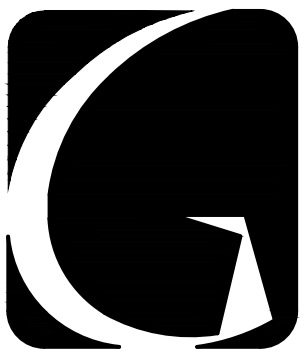
PLAN LEGEND:

- 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.)

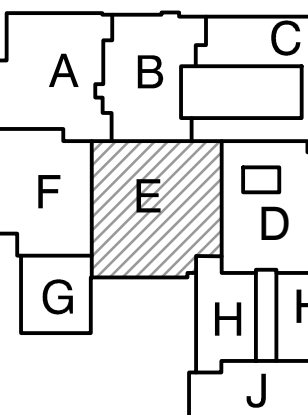
- 1 CONCRETE STOOP/VOID SLAB, REFER TO STRUCTURAL DRAWINGS.
- 2 PUSH PAD FOR ADA OPERATOR, REFER TO ELECTRICAL DRAWINGS.
- 3 CARD/FOB READER, REFER TO ELECTRICAL/TECHNOLOGY DRAWINGS.
- 4 KNOX BOX.
- 5 CASEWORK, MILLWORK, MARKER/TACK BOARDS AND EQUIPMENT. REFER TO 700 SERIES DRAWINGS.
- 6 PLUMBING FIXTURE. 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.
- 15 LOCKERS TYPE G.
- 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 REMOVED.
- 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.
- 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 AROX. 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 "AROX" 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.
- 47 SEE CLASSROOM G-101 FOR TYPICAL DIMENSIONS.
- 48 WRAP COLUMN WITH 4" CMU AND RECLAIMED EXISTING FACE BRICK.
- 49 BRONZE PLAQUE. REFER TO SPECIFICATIONS.
- 50 PROVIDE NEW CONCRETE SLAB OVER EXISTING CONCRETE PLANKS.
- 51 SAFETY CUSHION WAINSCOTING.
- 52 FILL IN OPENING WITH CMU. FINISH FLUSH WITH ADJACENT SURFACES.
- 53 ELECTROSTATIC PAINT EXISTING LOCKERS.
- 54 6'-0" WIDE X 4'-4" HIGH ROLL-UP DOOR.
- 55 PROVIDE NEW CONCRETE SLAB OVER EXISTING RECESSED CONCRETE SLAB.



GIBRALTAR
DESIGN
ARCHITECTURE • ENGINEERING • INTERIOR DESIGN

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
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 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.

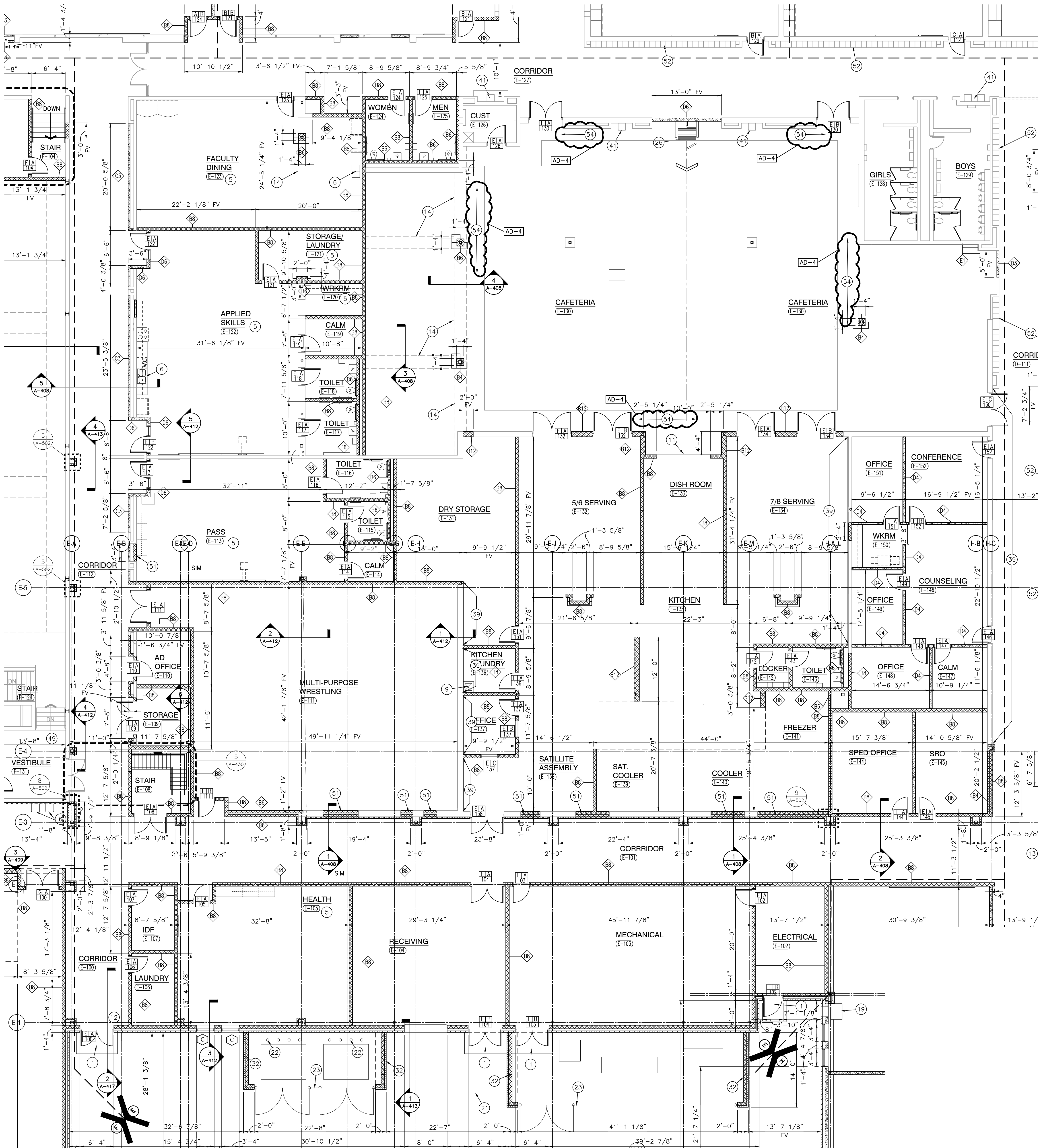
REVISIONS	MARK	DATE	ISSUED FOR
AD-1	05/05/22	ADDENDUM NO. 1	
AD-3	5/12/22	ADDENDUM NO.3	
AD-4	5/18/22	ADDENDUM NO.4	

DRAWING
**UNIT "E" ARCHITECTURAL
FIRST FLOOR PLAN**

PROJECT
**LIBERTY IS -
ADDITIONS & RENOVATIONS**

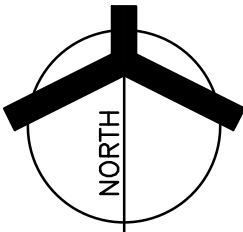
© GIBRALTAR DESIGN SHEET

E A-105



UNIT "E" ARCHITECTURAL FIRST FLOOR PLAN

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



GENERAL PLAN NOTES:

- A. FOR GENERAL PROJECT NOTES, MATERIAL INDICATIONS LEGEND, SYMBOL LEGEND, ABBREVIATIONS, ETC., REFER TO C 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 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 WALLS SHALL BE LOCATED 4" MINIMUM FROM ADJACENT WALL UNLESS NOTED 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.
- 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.)

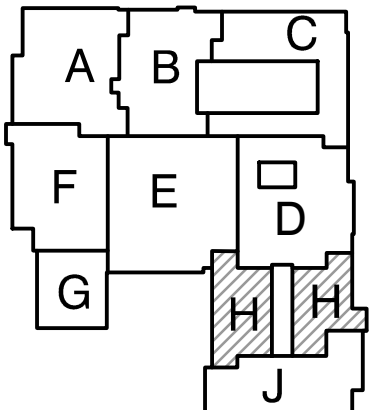
- 1 CONCRETE STOOP/VOID SLAB, REFER TO STRUCTURAL DRAWINGS.
- 2 PUSH PAD FOR ADA OPERATOR, REFER TO ELECTRICAL DRAWINGS.
- 3 CARD/FOB READER, REFER TO ELECTRICAL/TECHNOLOGY DRAWINGS.
- 4 KNOX BOX.
- 5 CASEWORK, MILLWORK, MARKER/TACK BOARDS AND EQUIPEMENT. REFER TO 700 SERIES DRAWINGS.
- 6 PLUMBING FIXTURE. 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.
- 15 LOCKERS TYPE G.
- 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 REMOVED.
- 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.
- 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 FLOOR WITH ADJACENT SURFACES.
- 52 ELECTROSTATIC PAINT EXISTING LOCKERS
- 53 6'-0" WIDE X 4'-4" HIGH ROLL-UP DOOR.



GIBALTAR
DESIGN
ARCHITECTURE • ENGINEERING • INTERIOR DESIGN

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

DUNELAND SCHOOL CORPORATION
CHESTERTON, INDIANA



KEY PLAN

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

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

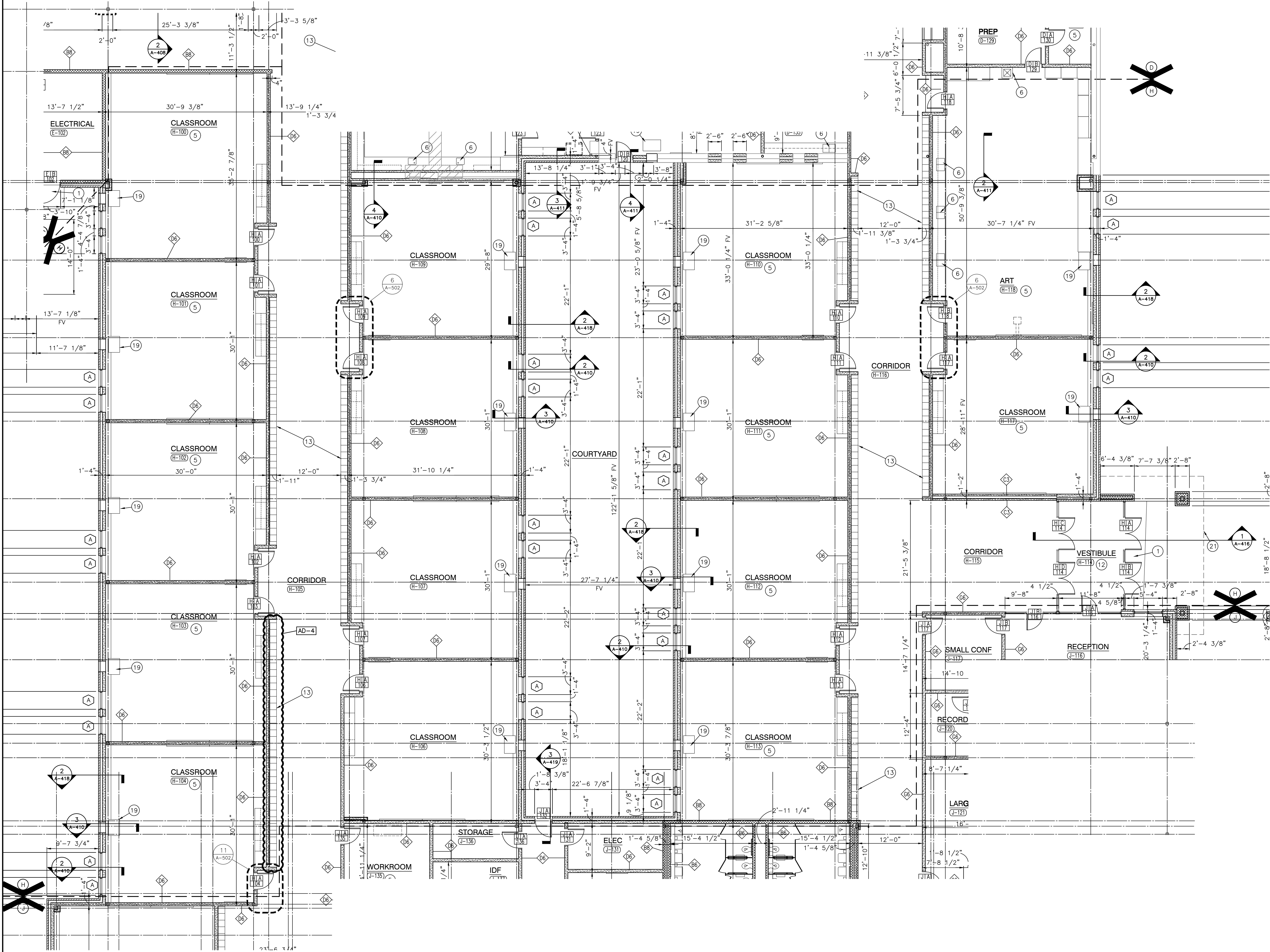
COPYRIGHT NOTICE:
THE CONCEPTS, DESIGNS, PLANS, DETAILS, ETC., SHOWN ON THIS DOCUMENT ARE THE PROPERTY OF GIBALTAR DESIGN AND WERE CREATED FOR USE ON THIS SPECIFIC PROJECT. NONE OF THIS INFORMATION SHALL BE USED BY ANY PERSON OR FIRM FOR ANY PURPOSE WITHOUT THE EXPRESS WRITTEN CONSENT OF GIBALTAR DESIGN.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

REVISIONS
MARK DATE ISSUED FOR
AD-4 05/18/22 ADDENDUM NO. 4

DRAWING
**UNIT "H" ARCHITECTURAL
FIRST FLOOR PLAN**

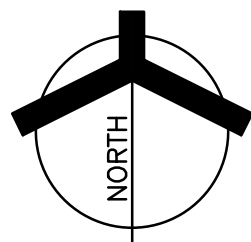
PROJECT
**LIBERTY IS -
ADDITIONS & RENOVATIONS**

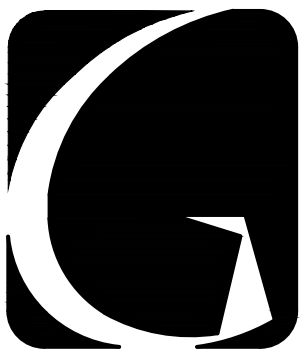
DRAWING
H A-108



UNIT "H" ARCHITECTURAL FIRST FLOOR PLAN

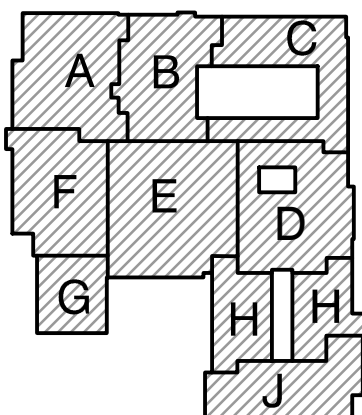
SCALE: 1/8" = 1'-0"





GIBRALTAR
DESIGN
ARCHITECTURE • ENGINEERING • INTERIOR DESIGN

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
DJW
DRAWN BY
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 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-1	4/5/22	ADDENDUM NO.1
AD-4	5/18/22	ADDENDUM NO.4

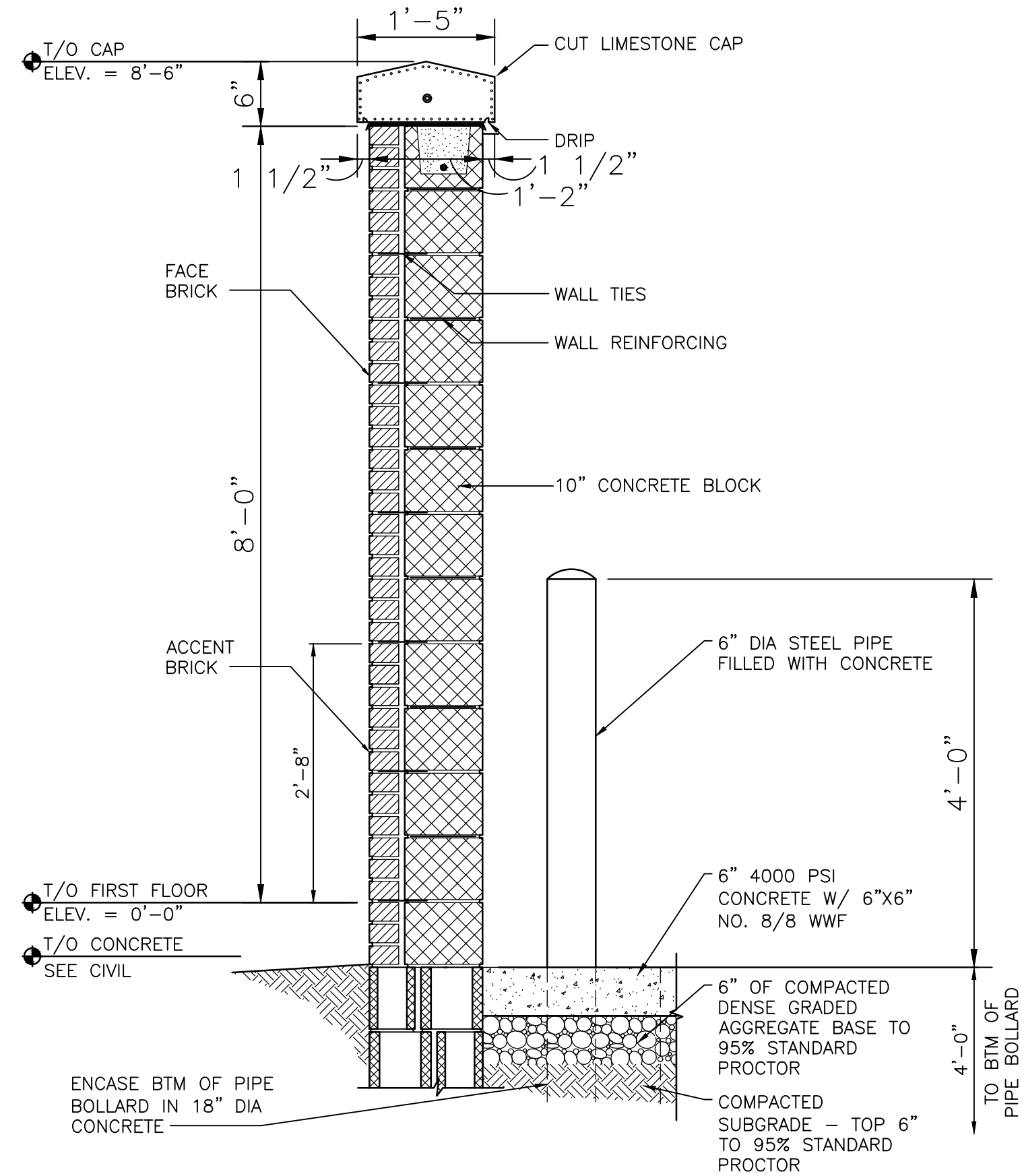
DRAWING
WALL SECTIONS

PROJECT
**LIBERTY IS -
ADDITIONS & RENOVATIONS**

© GIBRALTAR DESIGN

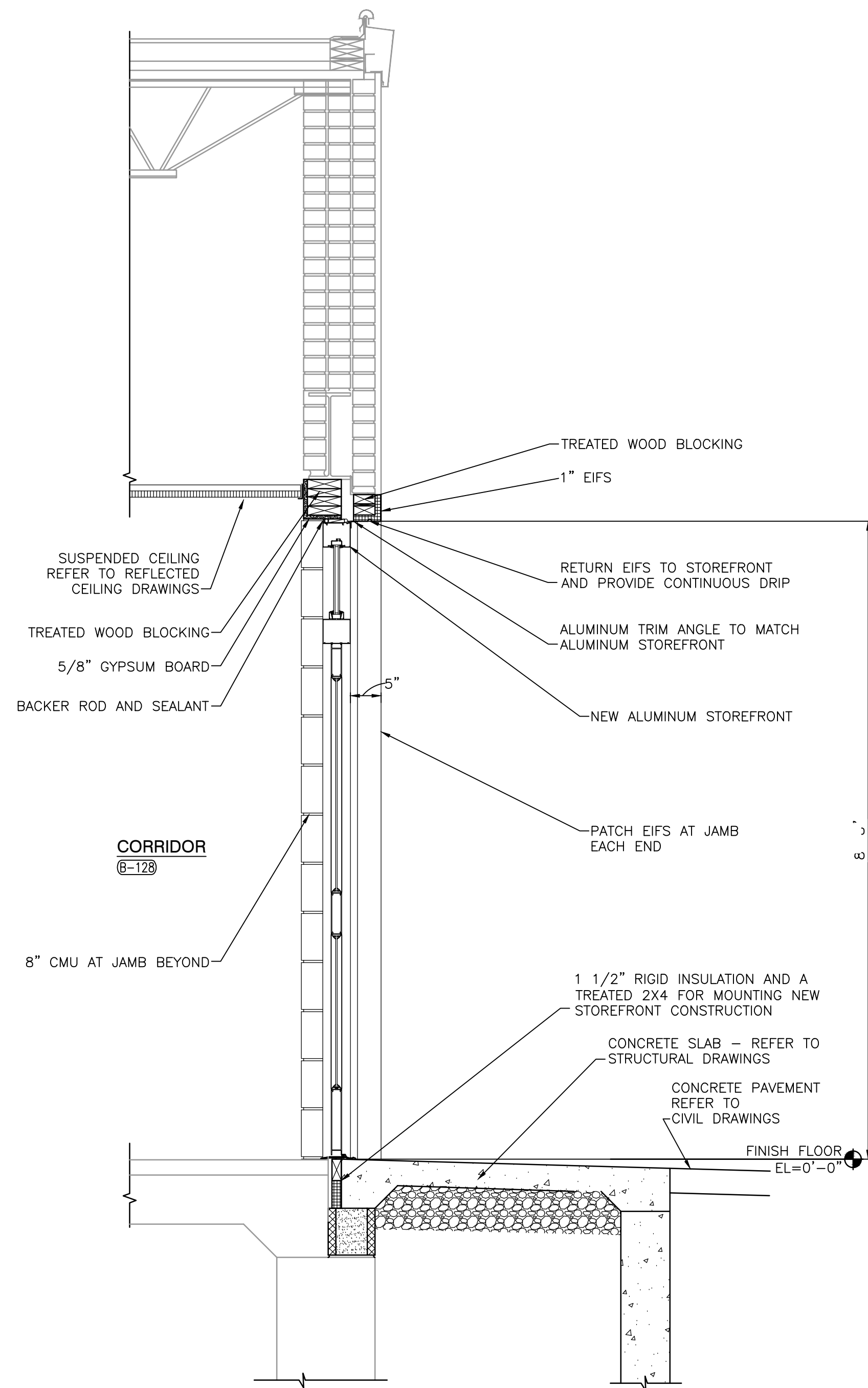
SHEET

A-417



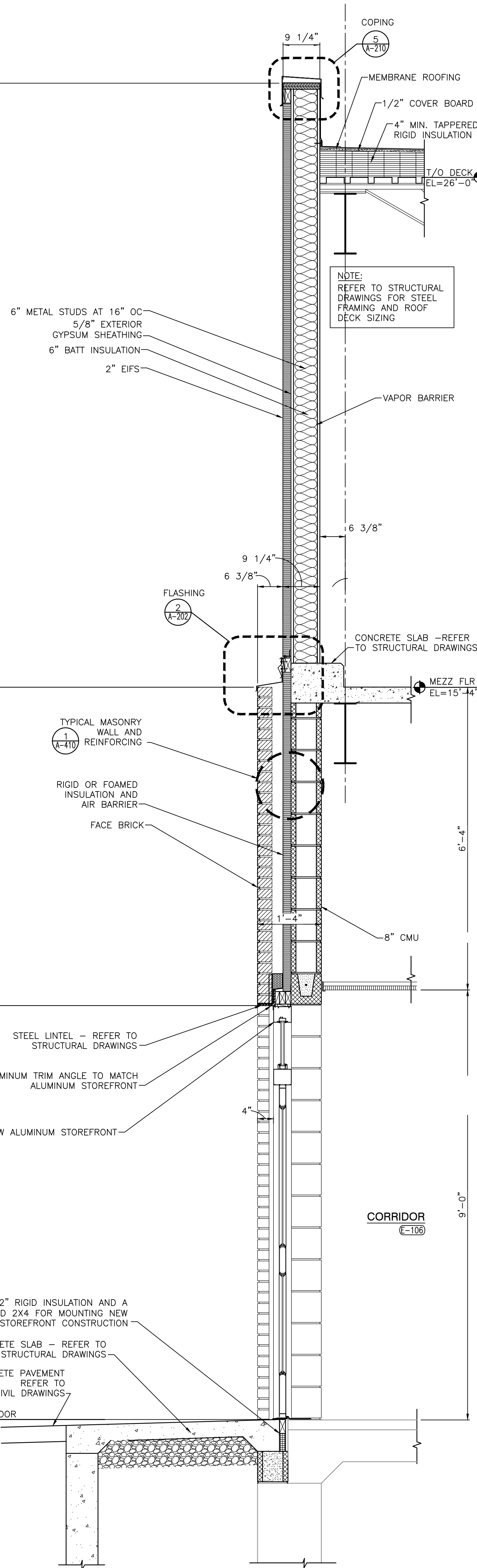
DUMPSTER WALL SECTION
SCALE: 3/4" = 1'-0"

4
A-417



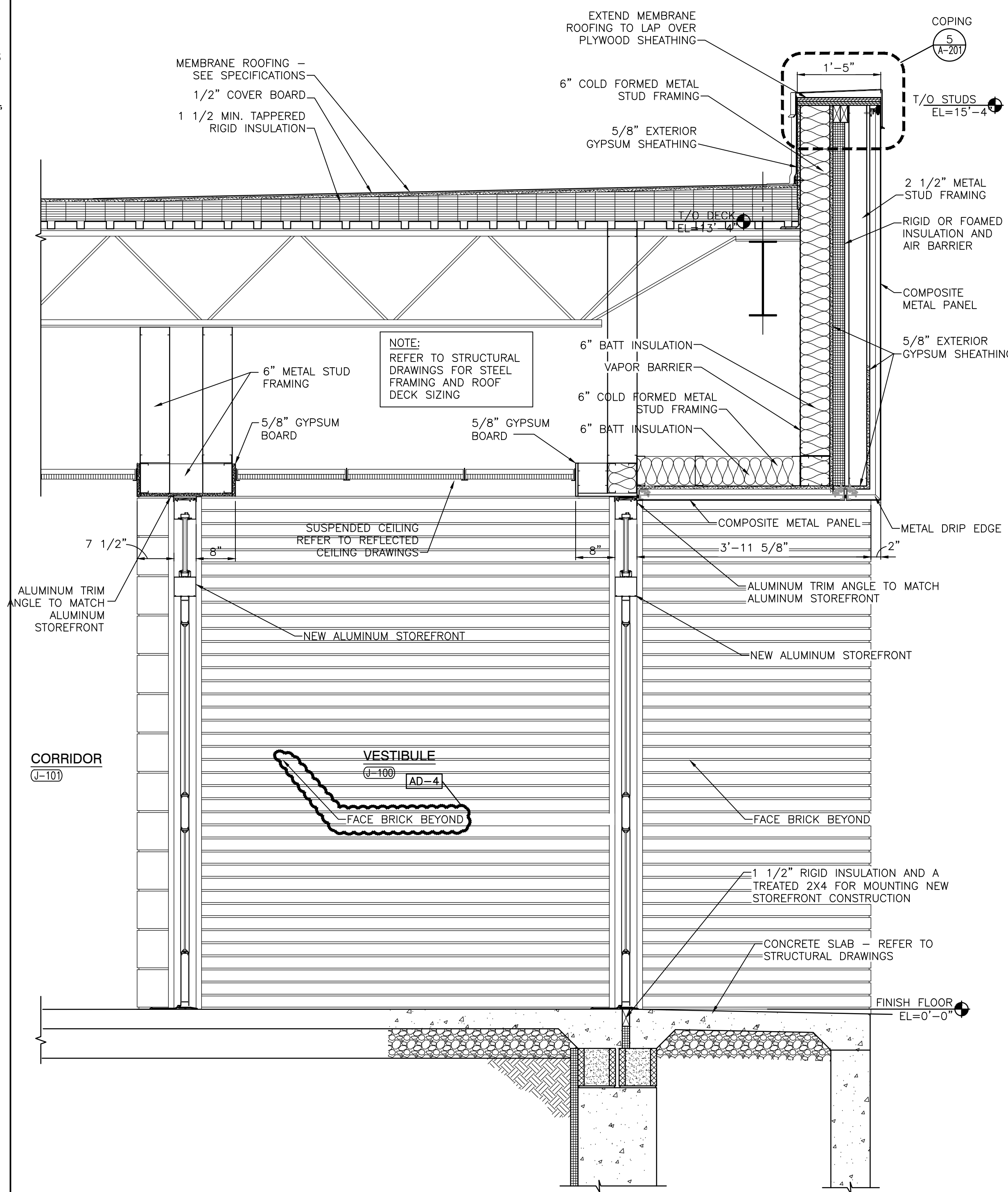
WALL SECTION
SCALE: 3/4" = 1'-0"

3
A-417



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

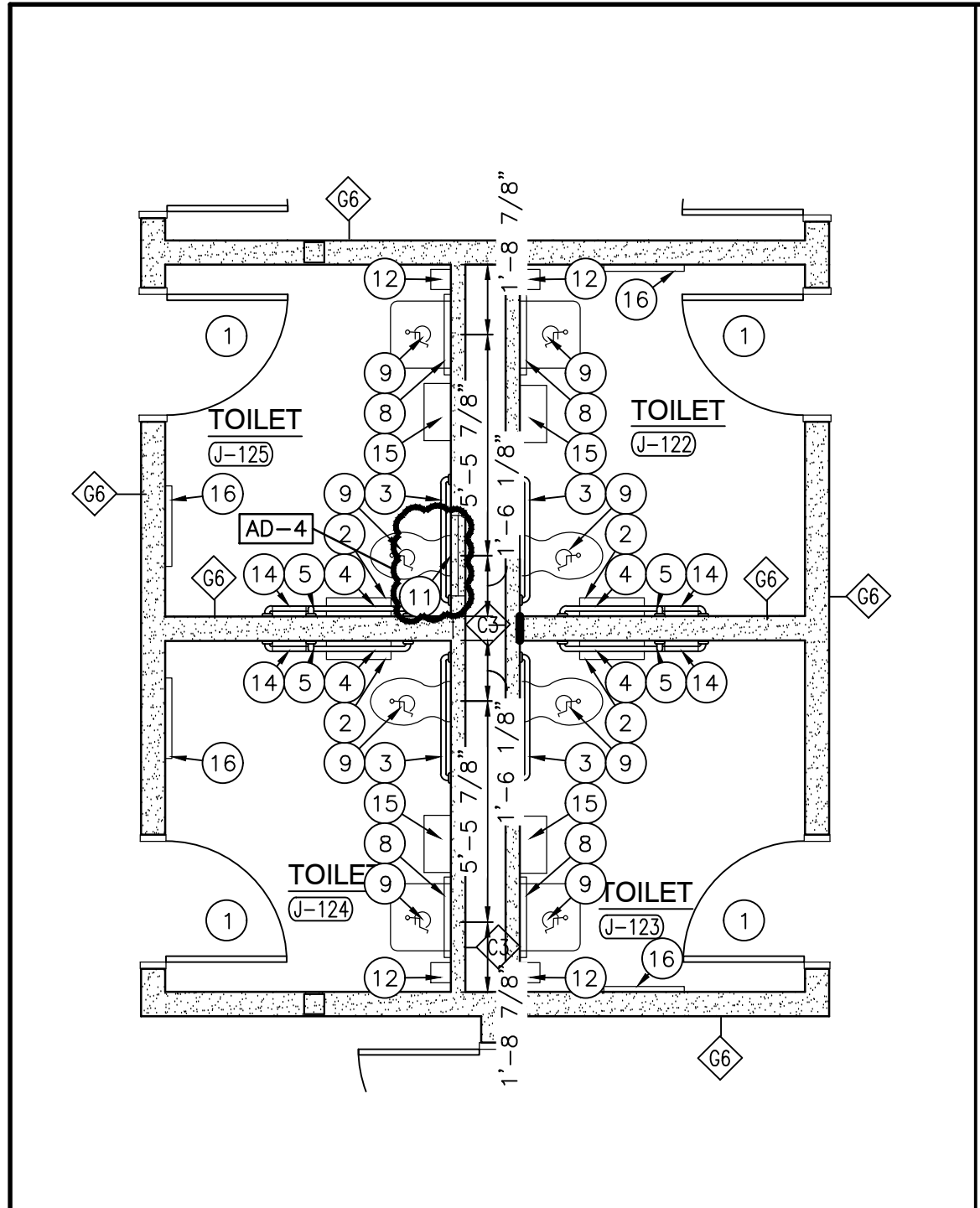
2
A-417



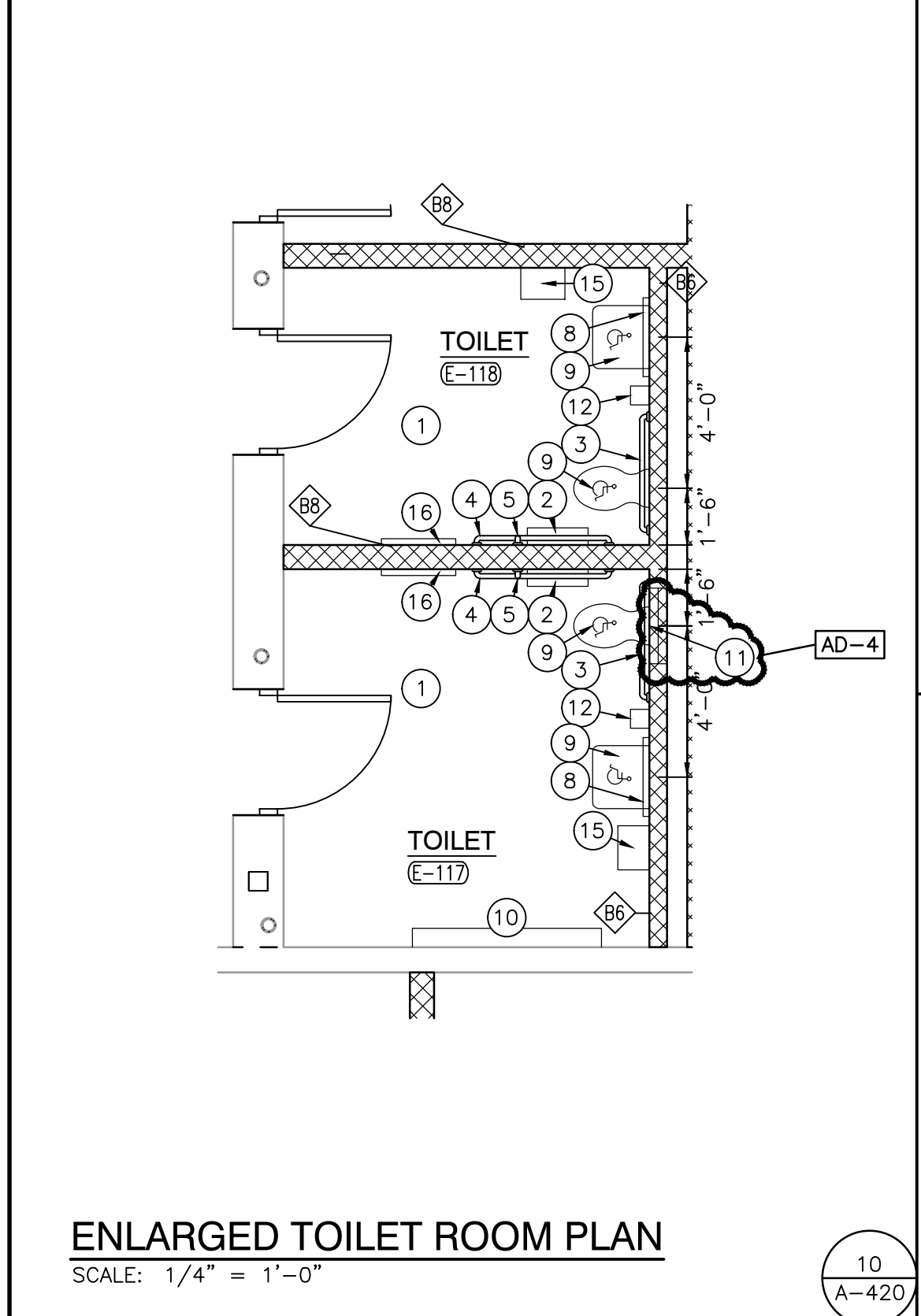
WALL SECTION
SCALE: 3/4" = 1'-0"

1
A-417

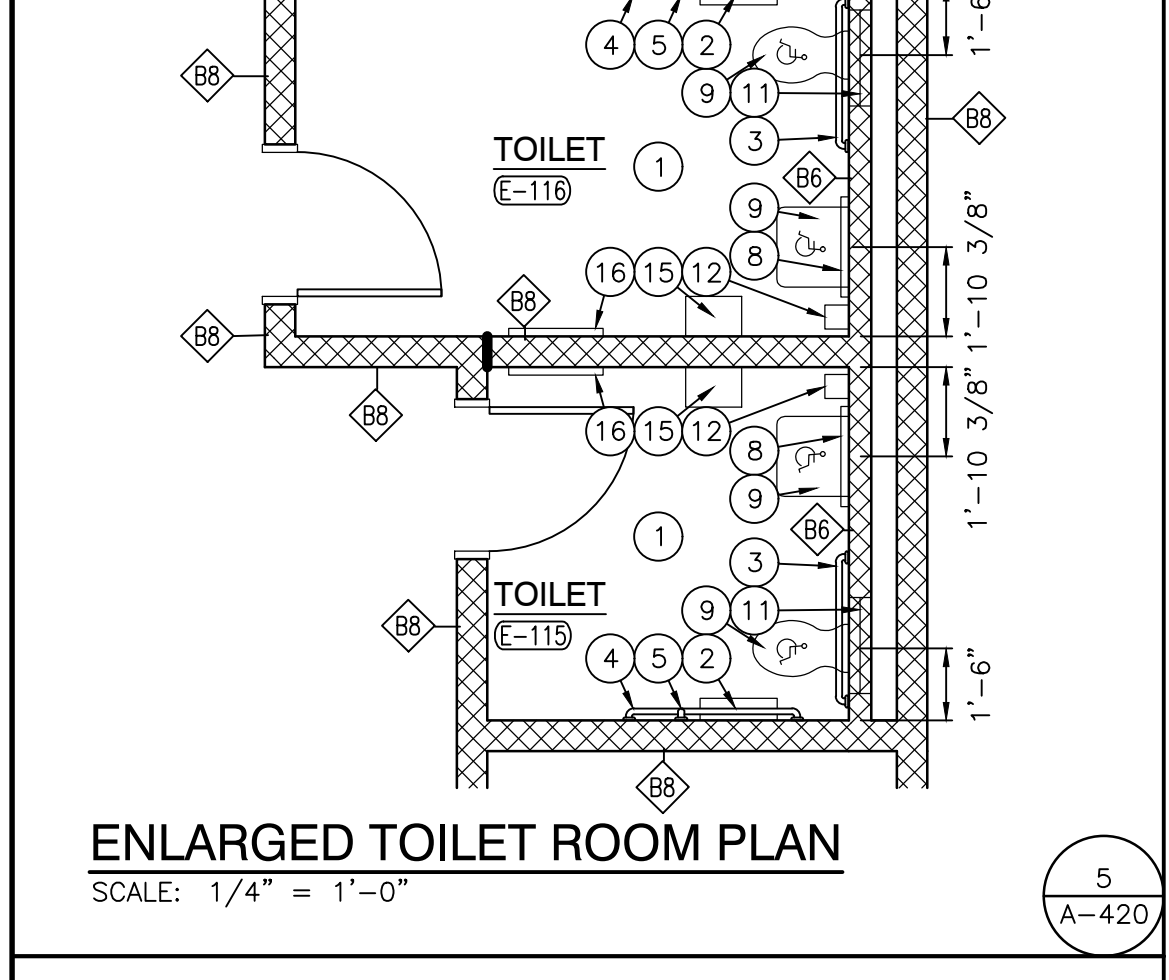
Tuesday, 5/17/2022 - 8:55 AM - LAST SAVED BY:CDVAIS
Y:\21-139 DUNELAND SC - LIBERTY INTERMEDIATE SCHOOL
ADDITIONS AND RENOVATIONS\21-139 DRAWINGS\05
ARCH\A-420.DWG



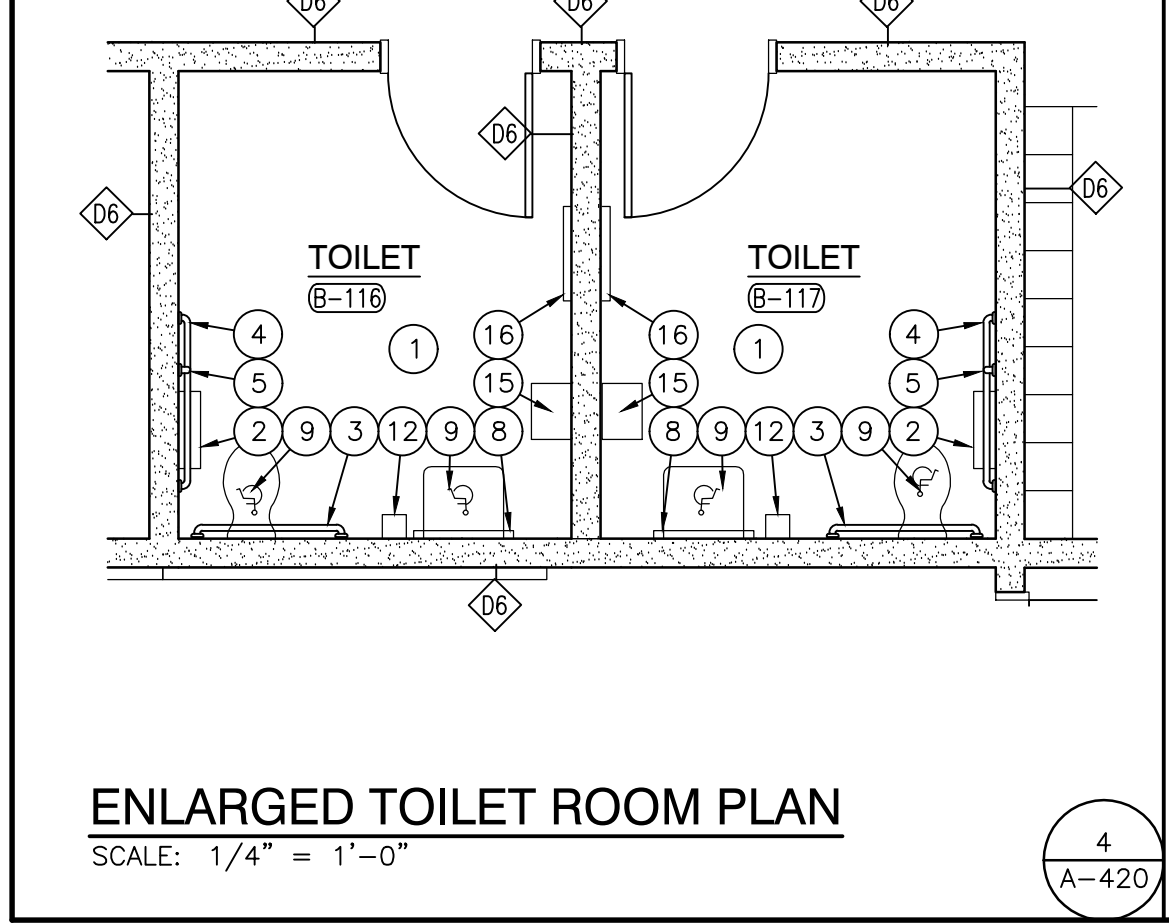
ENLARGED TOILET ROOM PLAN
SCALE: 1/4" = 1'-0"



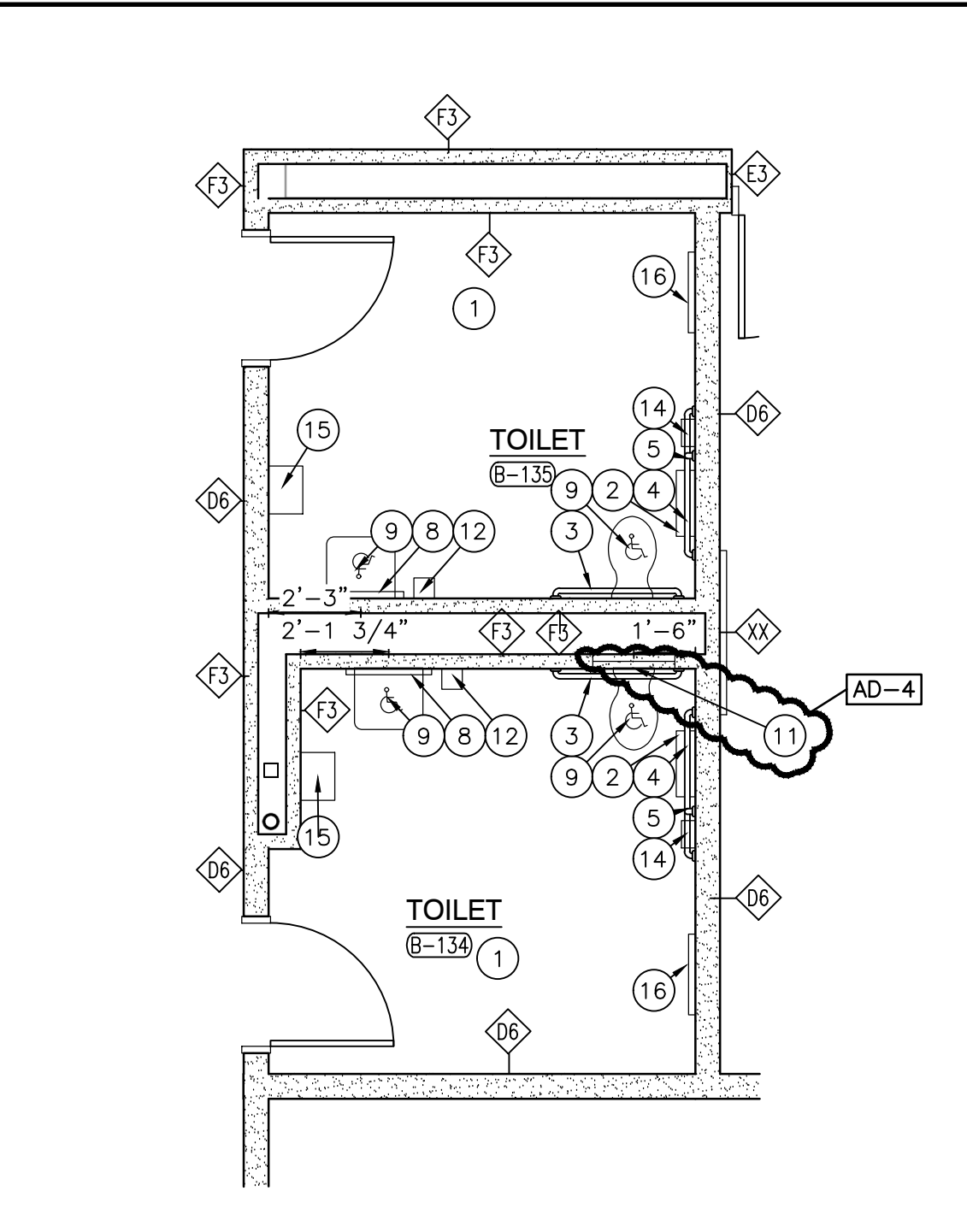
ENLARGED TOILET ROOM PLAN
SCALE: 1/4" = 1'-0"



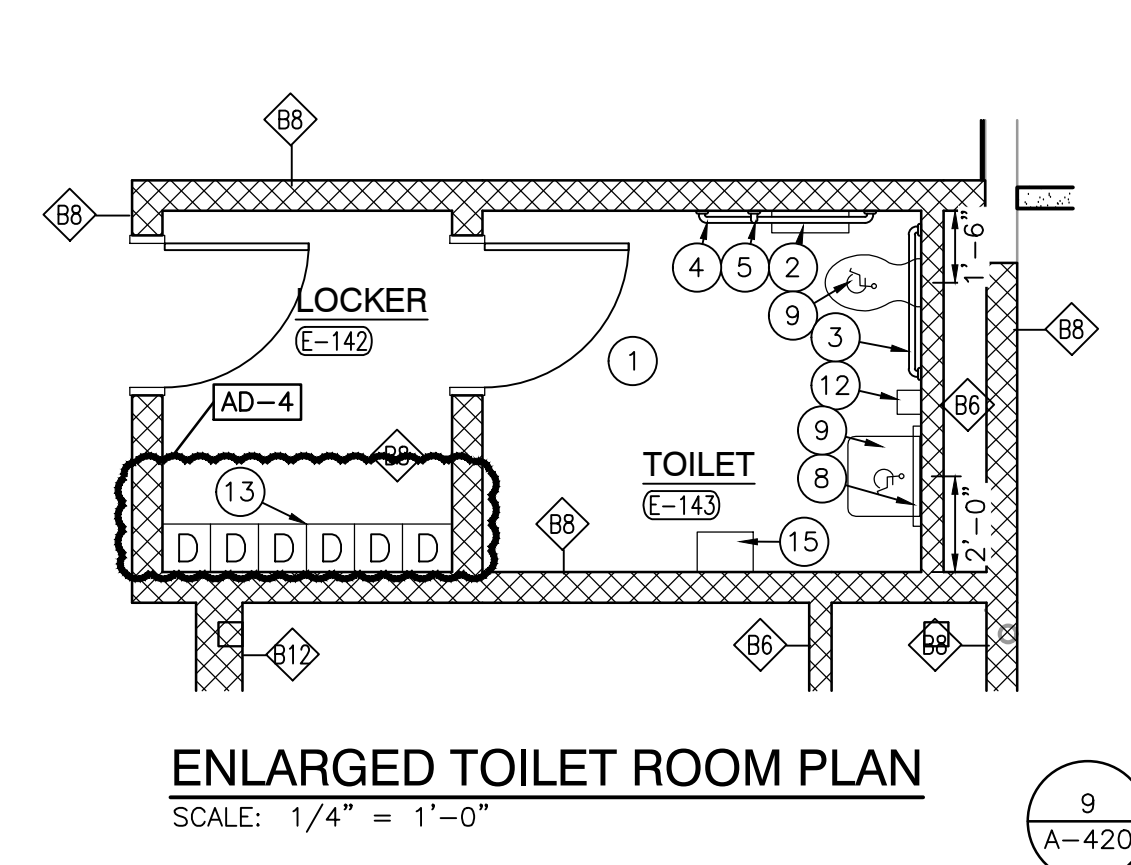
ENLARGED TOILET ROOM PLAN
SCALE: 1/4" = 1'-0"



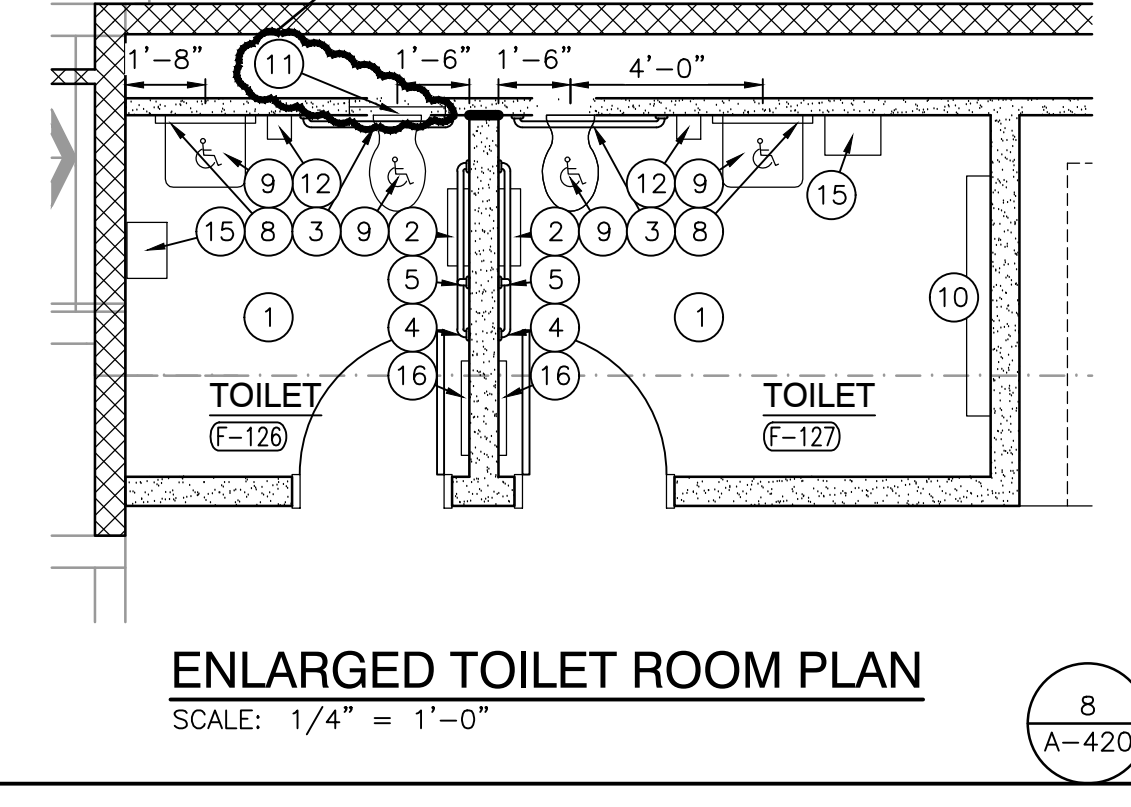
ENLARGED TOILET ROOM PLAN
SCALE: 1/4" = 1'-0"



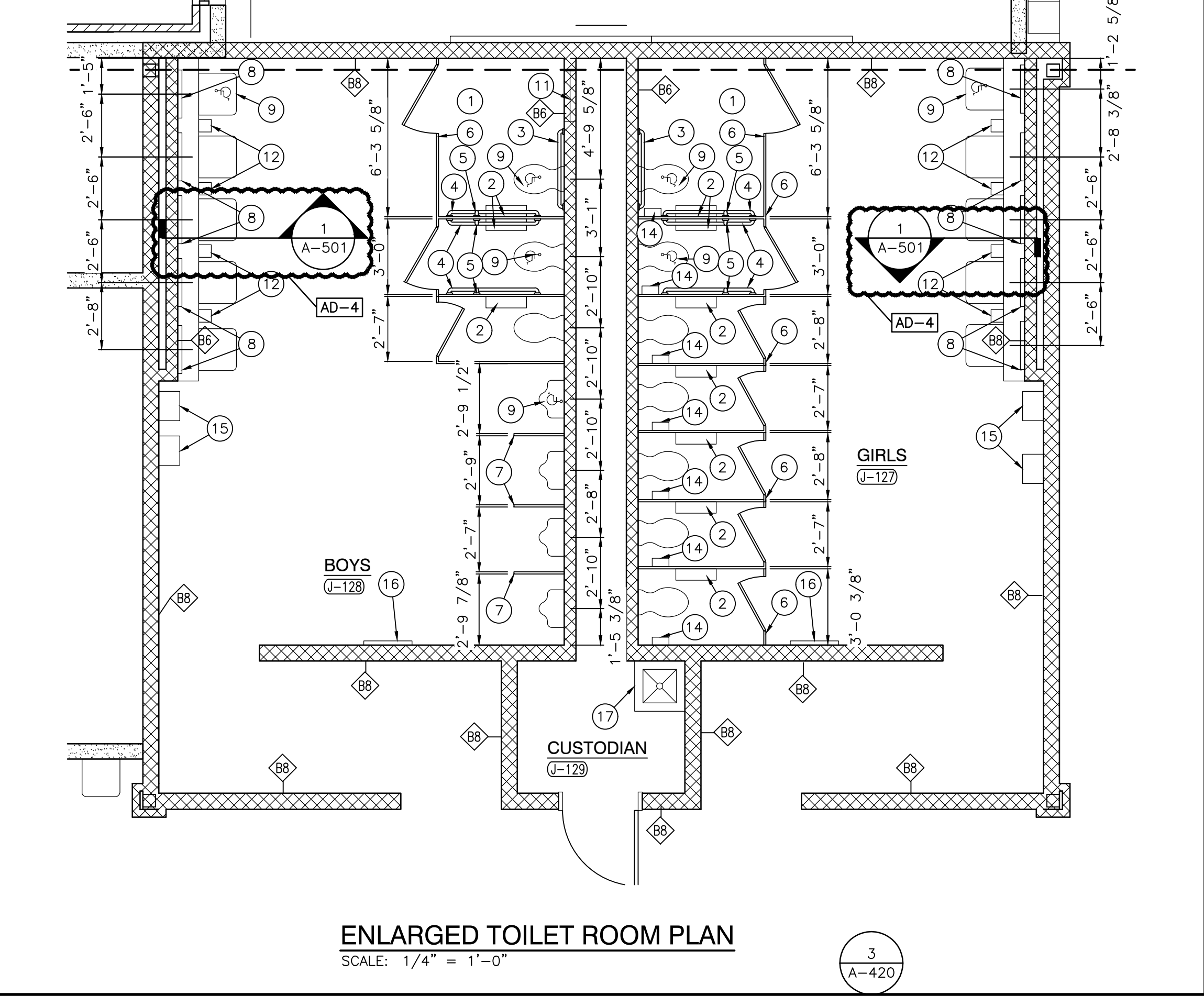
ENLARGED TOILET ROOM PLAN
SCALE: 1/4" = 1'-0"



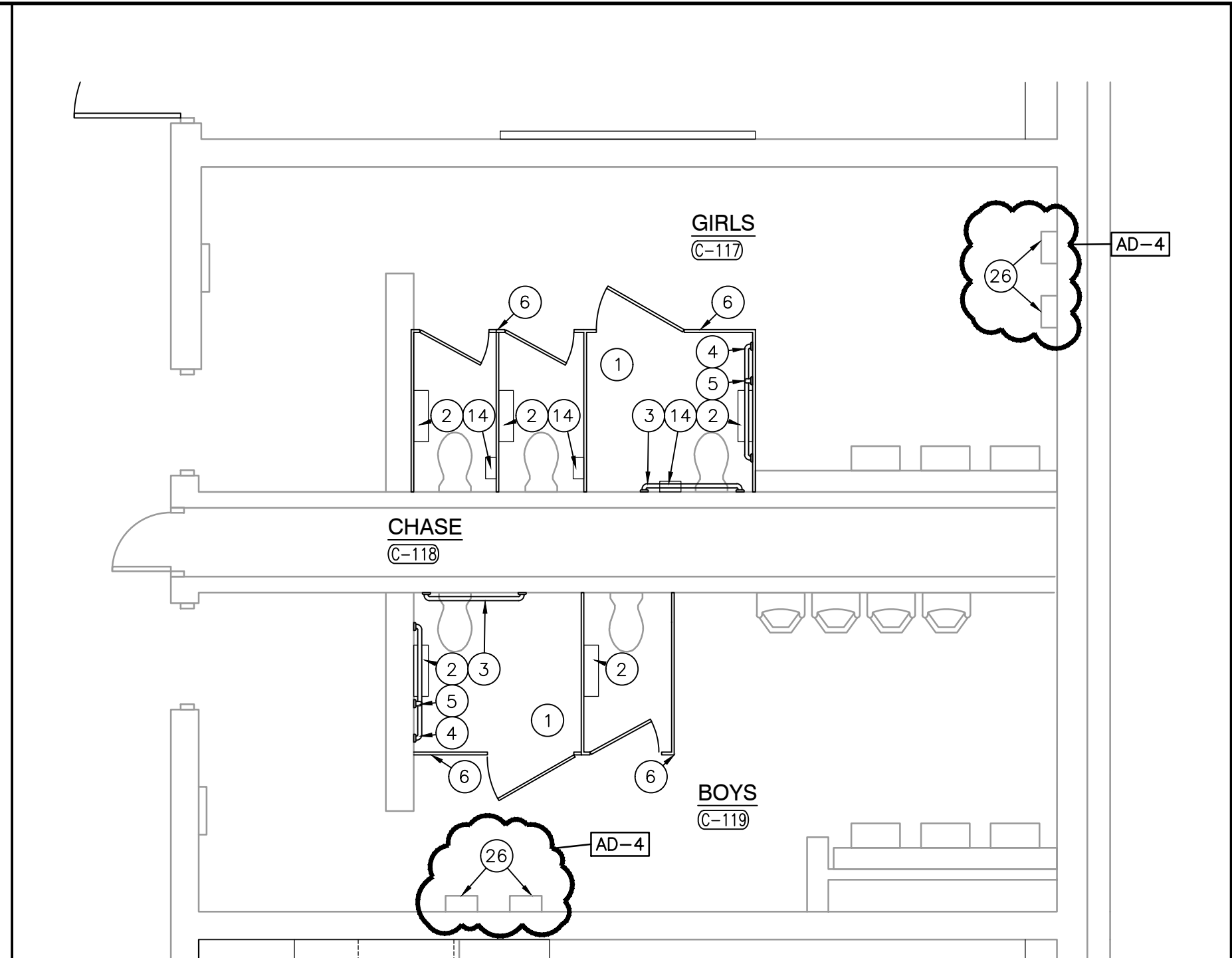
ENLARGED TOILET ROOM PLAN
SCALE: 1/4" = 1'-0"



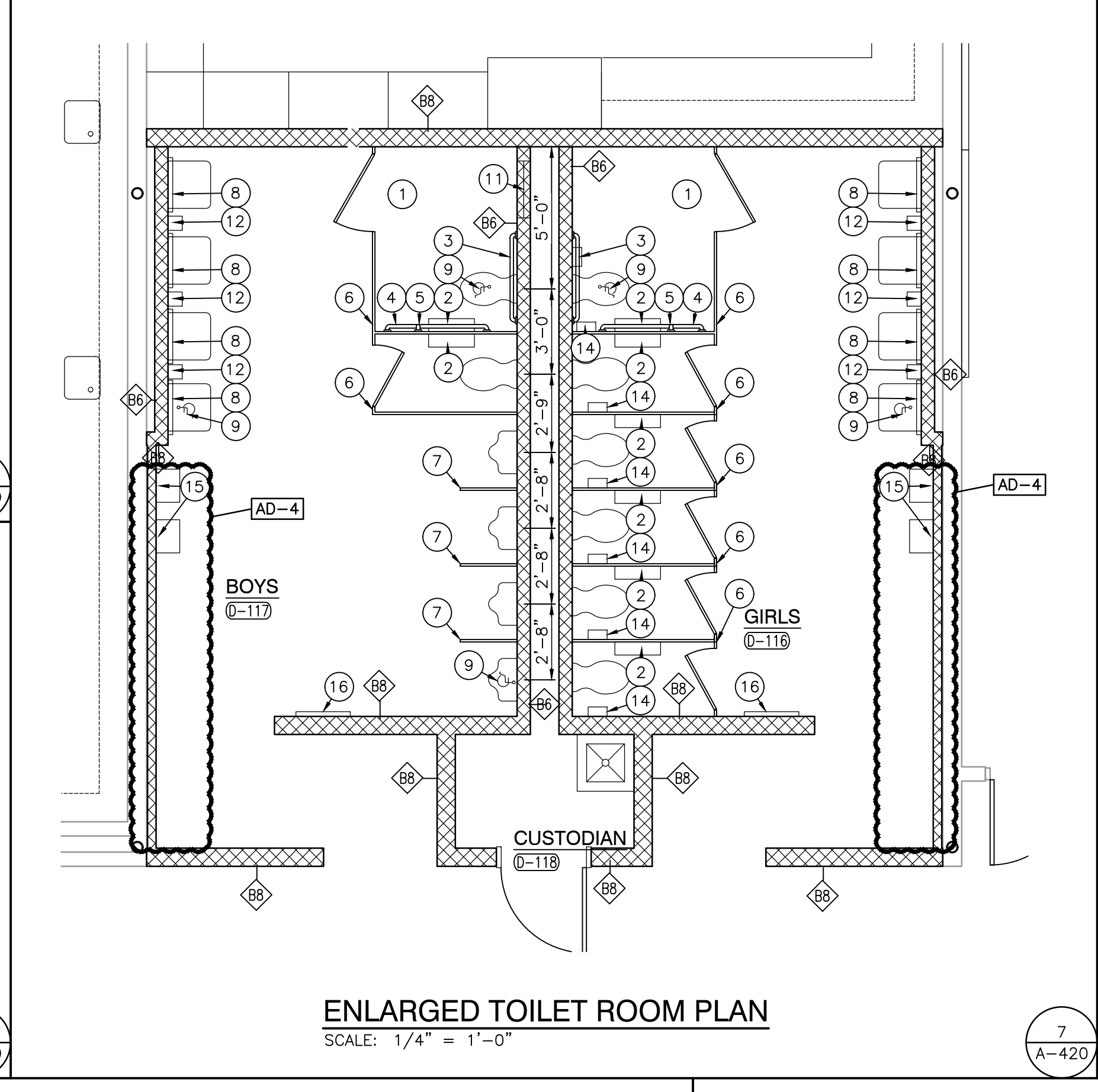
ENLARGED TOILET ROOM PLAN
SCALE: 1/4" = 1'-0"



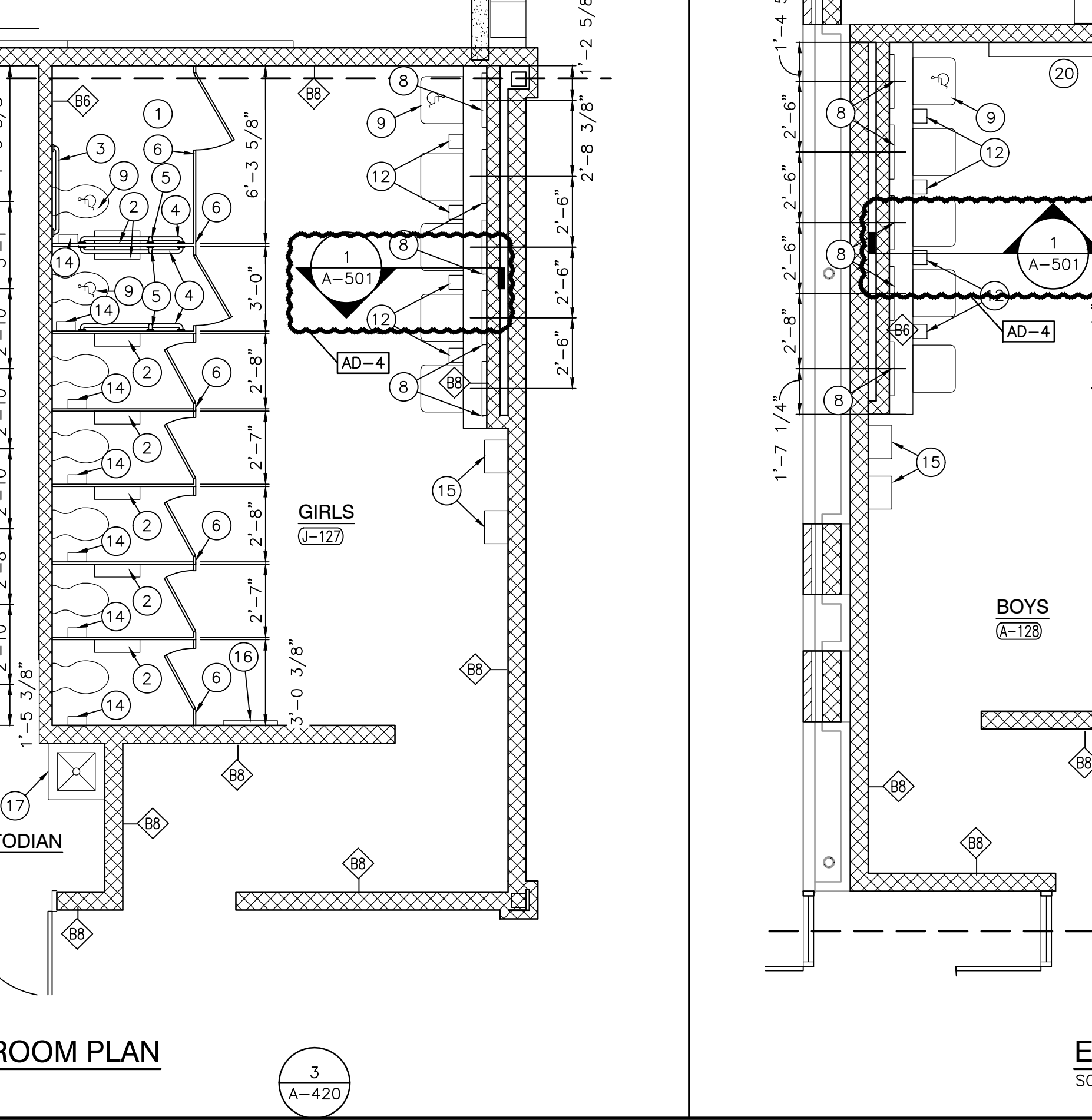
ENLARGED TOILET ROOM PLAN
SCALE: 1/4" = 1'-0"



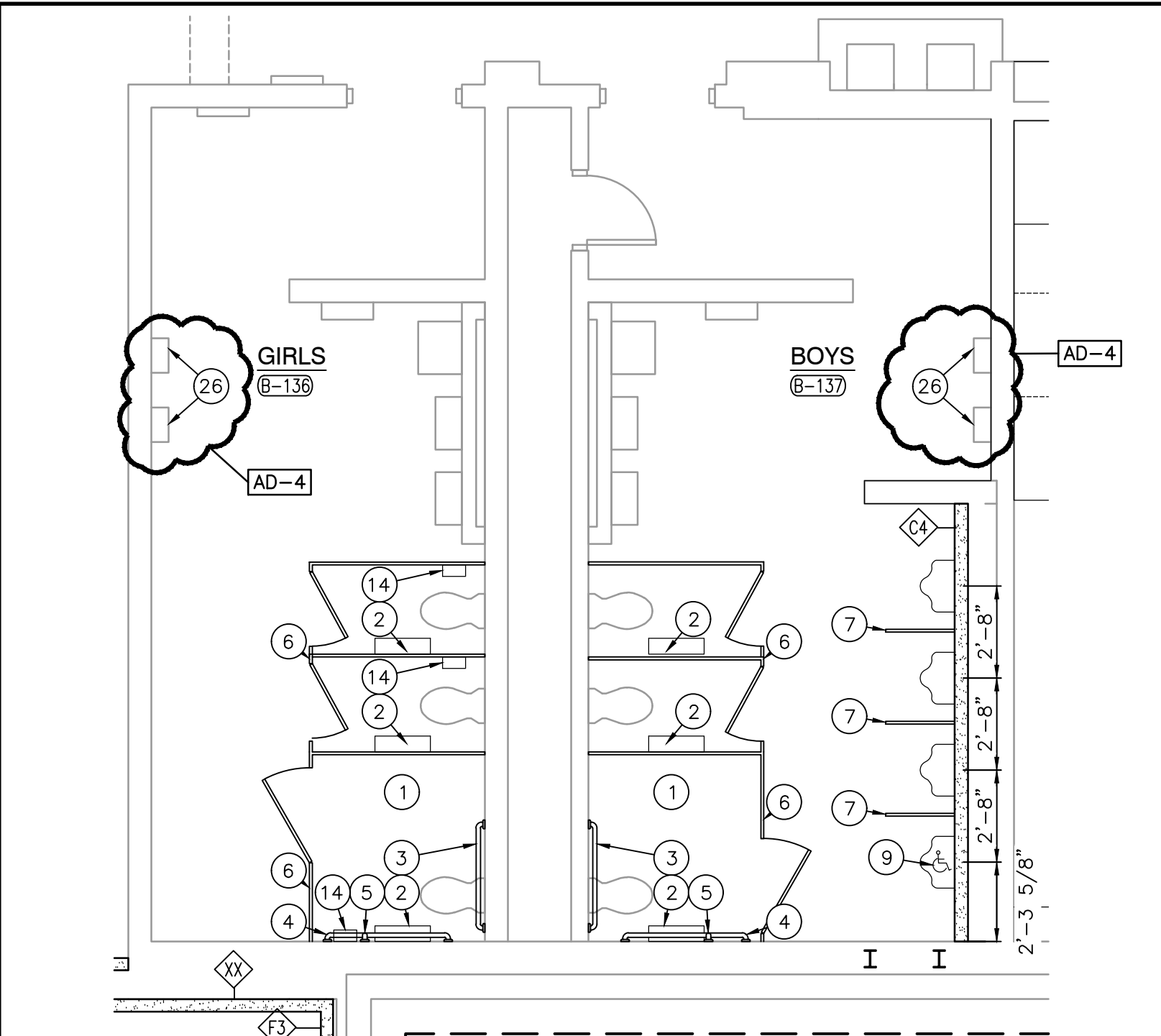
ENLARGED TOILET ROOM PLAN
SCALE: 1/4" = 1'-0"



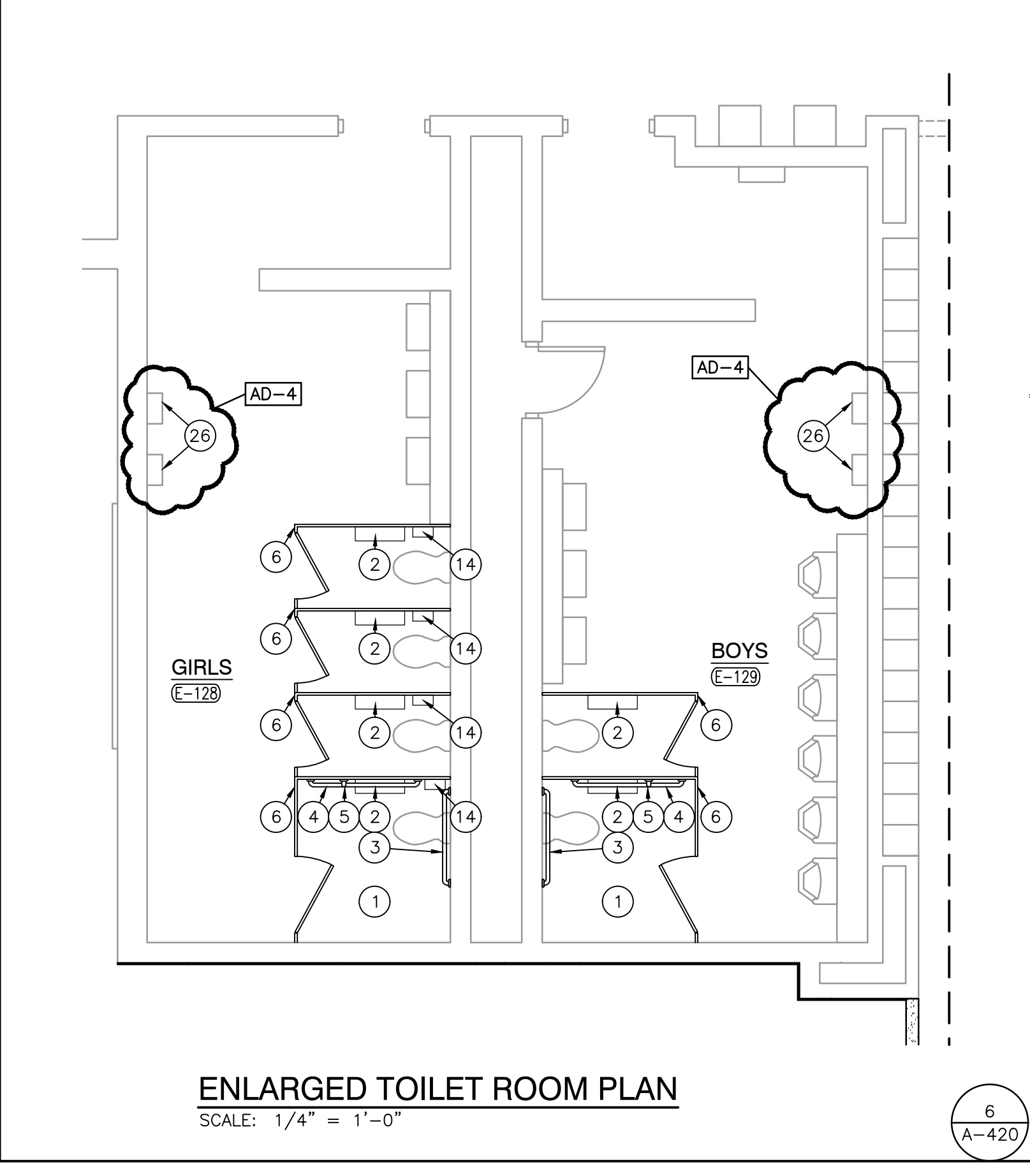
ENLARGED TOILET ROOM PLAN
SCALE: 1/4" = 1'-0"



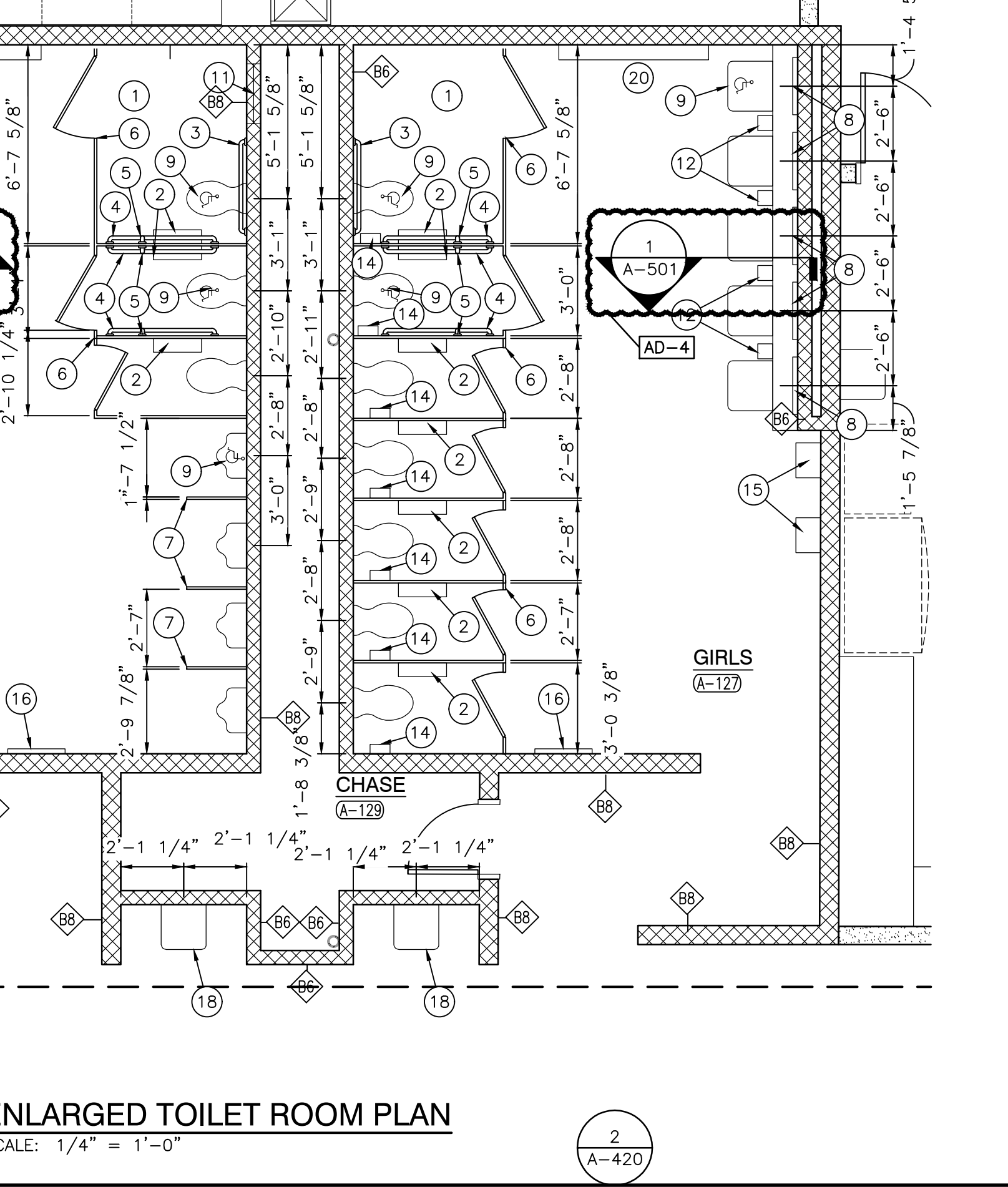
ENLARGED TOILET ROOM PLAN
SCALE: 1/4" = 1'-0"



ENLARGED TOILET ROOM PLAN
SCALE: 1/4" = 1'-0"



ENLARGED TOILET ROOM PLAN
SCALE: 1/4" = 1'-0"



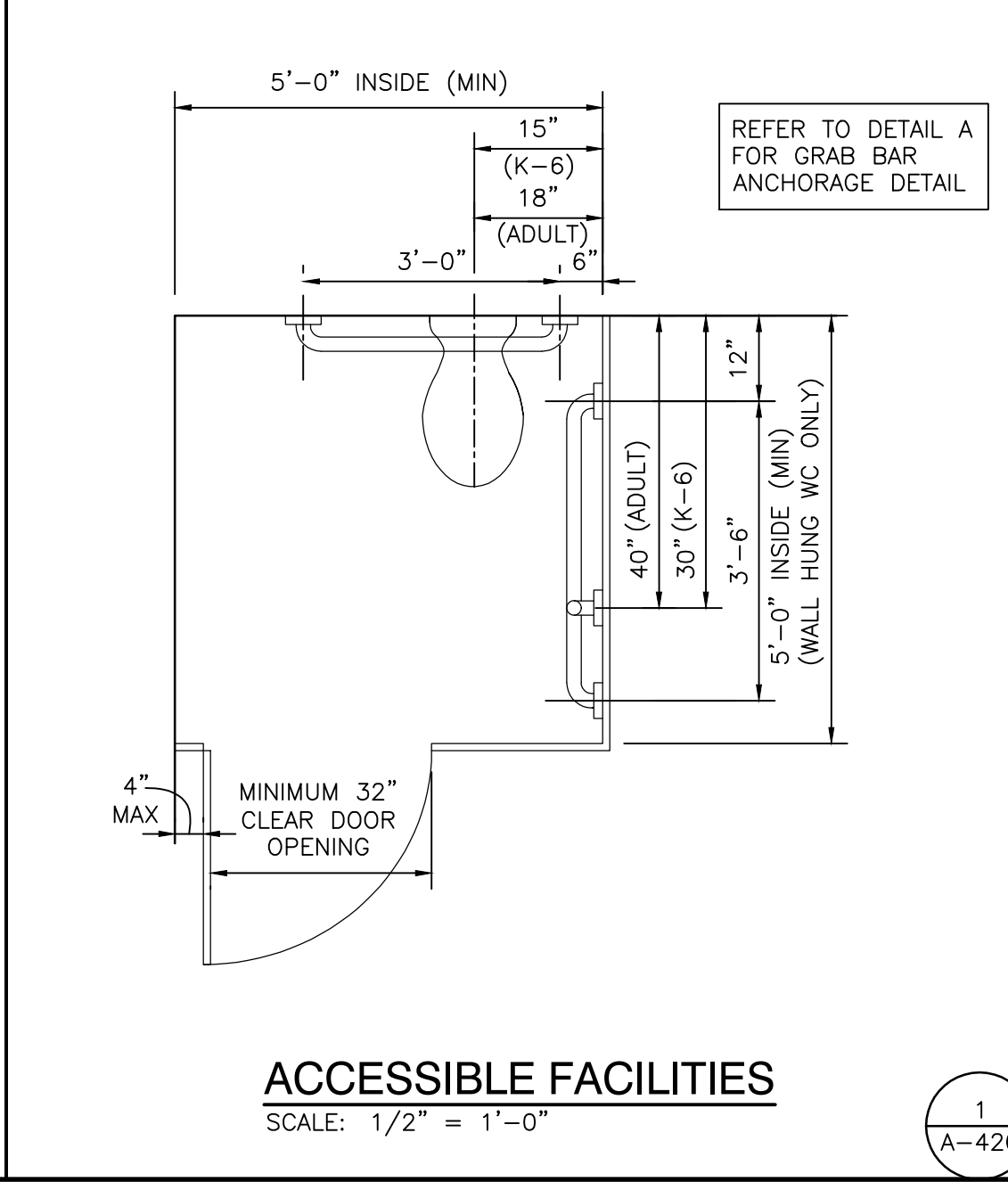
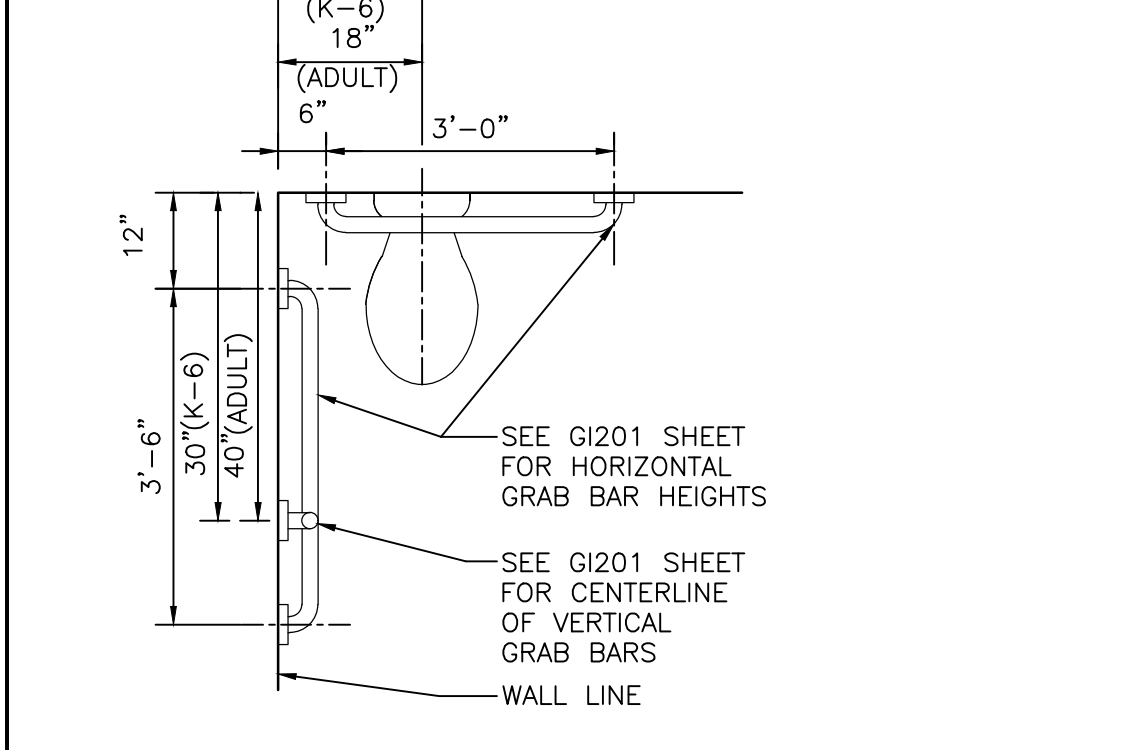
ENLARGED TOILET ROOM PLAN
SCALE: 1/4" = 1'-0"

GENERAL RESTROOM PLAN NOTES:
A. FOR GENERAL NOTES, MATERIAL INDICATIONS LEGEND, SYMBOL LEGEND, ABBREVIATIONS, ETC. SEE SHEET G1201.
B. DEPTH OF ALL TOILET ENCLOSURES SHALL BE A MINIMUM OF 5'-0" CLEAR INSIDE DIMENSION UNLESS NOTED OTHERWISE.
C. REFER TO PLUMBING DRAWINGS FOR FIXTURE TYPES.
D. REFER TO PLUMBING DRAWINGS FOR FLOOR DRAIN LOCATIONS.
E. COORDINATE HEIGHT OF GRAB BAR WITH TANK OF FLOOR MOUNTED WATER CLOSET OR FLUSH VALVE OF WALL MOUNTED WATER CLOSET.
F. INSTALL LAVATORIES AND URINALS AT 2'-6" ON CENTER MINIMUM UNLESS NOTED OTHERWISE.
G. WHERE EXISTING PARTITIONS ARE REPLACED AND NEW PARTITION BRACKETS DO NOT COVER OLD MOUNTING HOLES, PATCH HOLE OR REPLACE TILE TO MATCH ADJACENT WALL FINISH.
H. WHERE EXISTING PARTITIONS ARE REPLACED AND NO DIMENSIONS ARE INDICATED, VERIFY LOCATION OF EXISTING PARTITIONS AND INSTALL NEW PARTITIONS IN SAME LOCATION.

RESTROOM PLAN NOTES:
(ALL PLAN NOTES MAY NOT BE INDICATED ON THIS SHEET.)
1 ACCESSIBLE FACILITIES.
2 TOILET PAPER HOLDER. (OFCI)
3 3'-0" HANDICAPPED GRAB BAR.
4 3'-6" HANDICAPPED GRAB BAR.
5 18" VERTICAL HANDICAPPED GRAB BAR.
6 TOILET PARTITION.
7 URINAL SCREEN WALL.
8 2'-0" W x 3'-0" H MIRROR WITH BOTTOM OF REFLECTIVE SURFACE MOUNTED AT 40" A.F.F.
9 ACCESSIBLE FIXTURE (LAVATORY/URNAL). SEE PLUMBING DRAWINGS.
10 CHANGING STATION.
11 24"x24" ACCESS PANEL. MOUNT TOP OF PANEL AT 5'-4" A.F.F. COORDINATE LOCATION W/ SENSOR HEIGHT.
12 SOAP DISPENSER. (OFCI)
13 LOCKERS, LETTER INDICATES LOCKER TYPE.
14 FEMININE NAPKIN DISPOSAL.
15 ELECTRIC HAND DRYER.
16 2'-0" x 5'-0" MIRROR BOTTOM @ 1'-4" A.F.F.
17 MOP SINK. SEE PLUMBING.
18 ELECTRIC WATER COOLER.
19 ELECTRIC WATER COOLER.(ADA)
20 BABY CHANGING STATION, REFER TO G-301
21 ACCESSIBLE INDIVIDUAL SHOWER, REFER TO G-301
22 SHOWER CURTAIN ROD, REFER TO G-301
23 NOT USED
24 HANDICAP SHOWER CURB
25 LAVATORY SHELF
26 REINSTALL EXISTING HAND DRYER



KEY PLAN



ACCESSIBLE FACILITIES
SCALE: 1/2" = 1'-0"



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

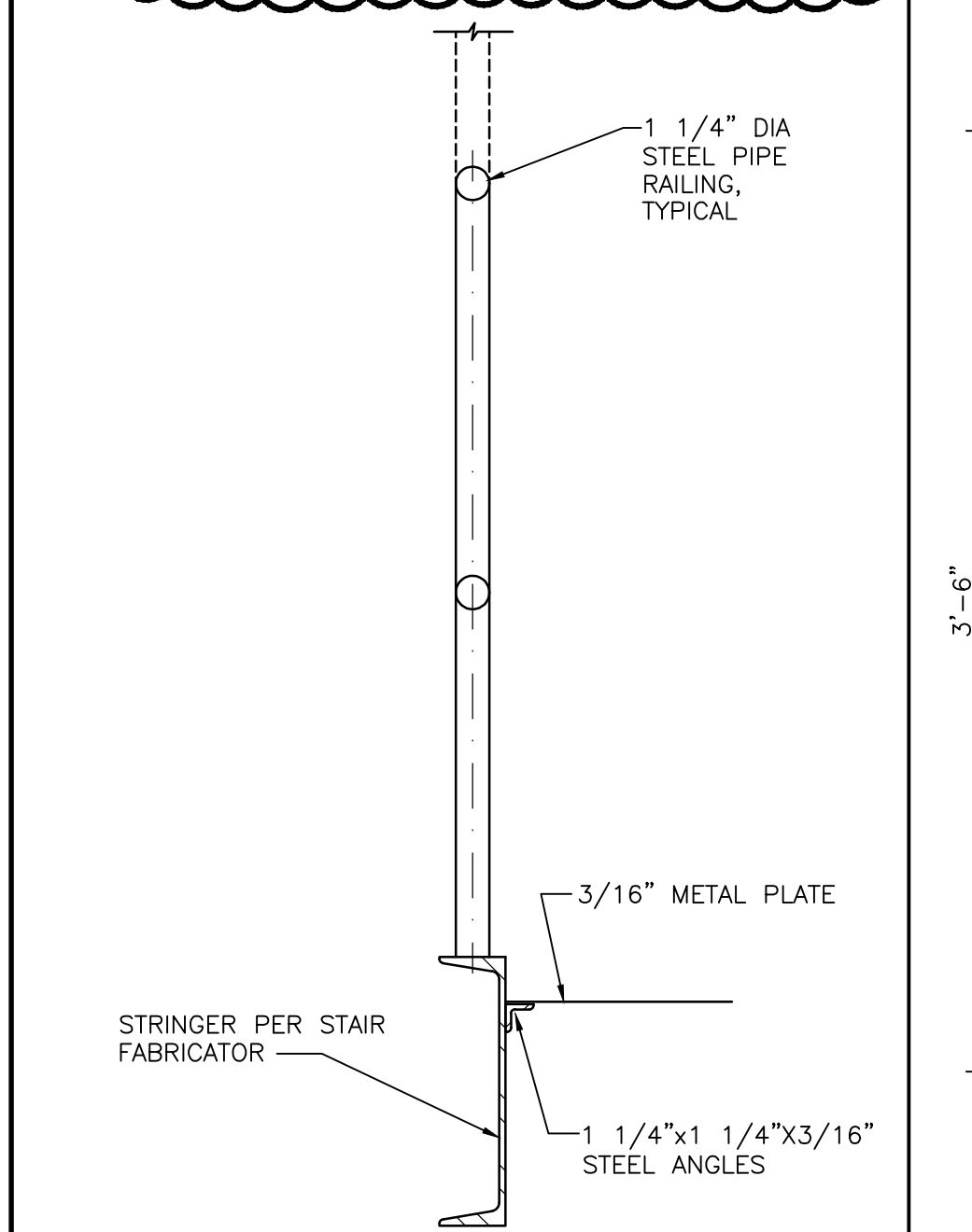
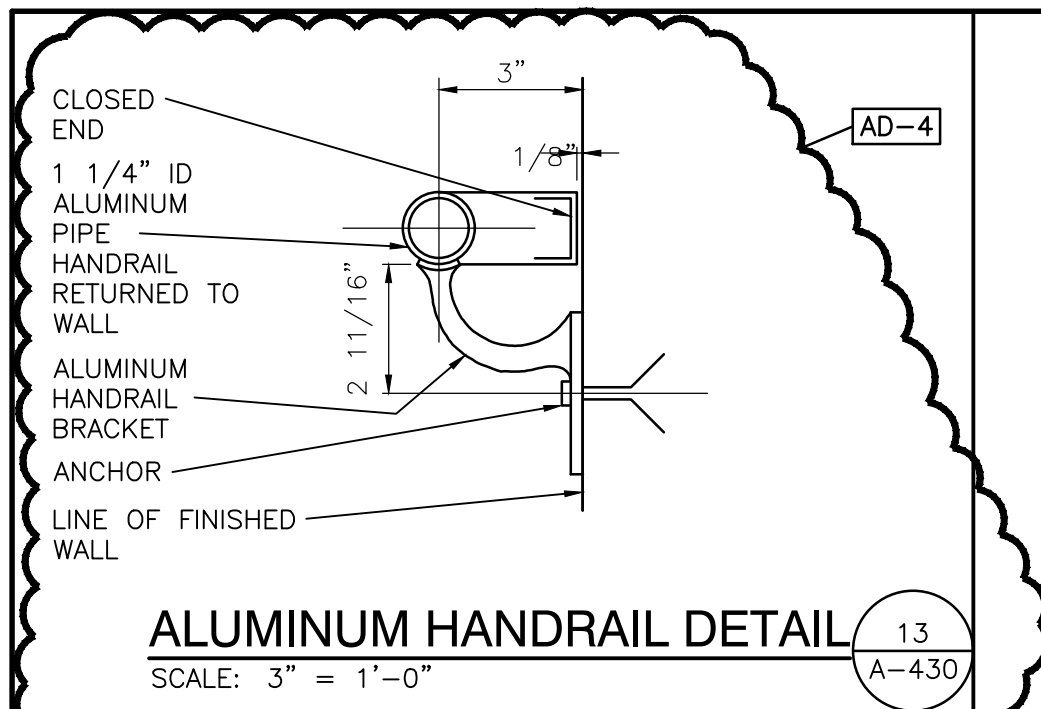
PROJECT
21-139
DATE
04/25/22
COORDINATED BY
DJW
DRAWN BY
CND
CHECKED BY
BCB

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 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.

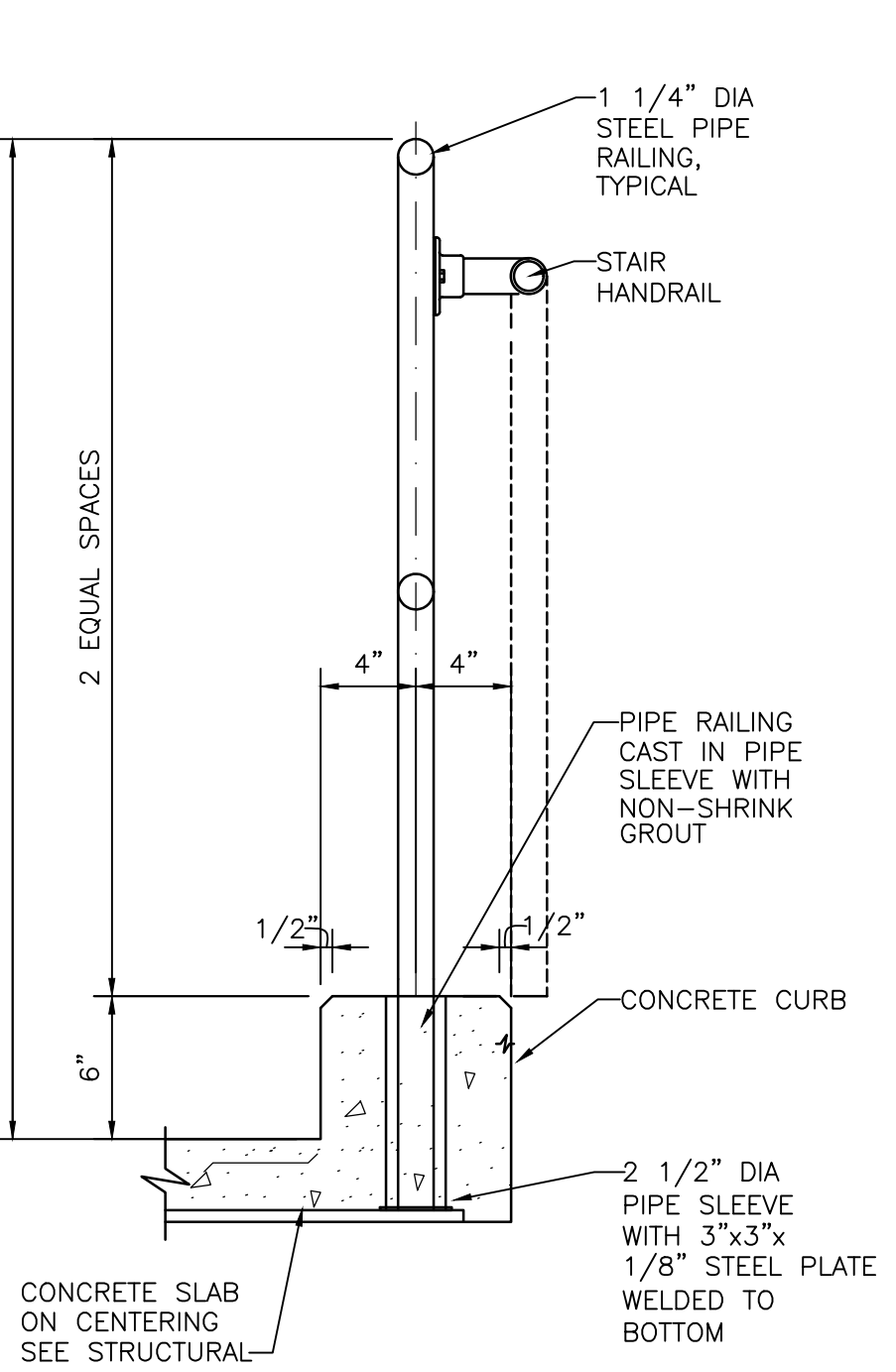
REVISIONS	MARK	DATE	ISSUED FOR
AD-4	05/18/22	ADDENDUM NO. 4	

DRAWING	ENLARGED RESTROOM PLANS
PROJECT	LIBERTY IS - ADDITIONS & RENOVATIONS
DRAWING	ENLARGED RESTROOM PLANS

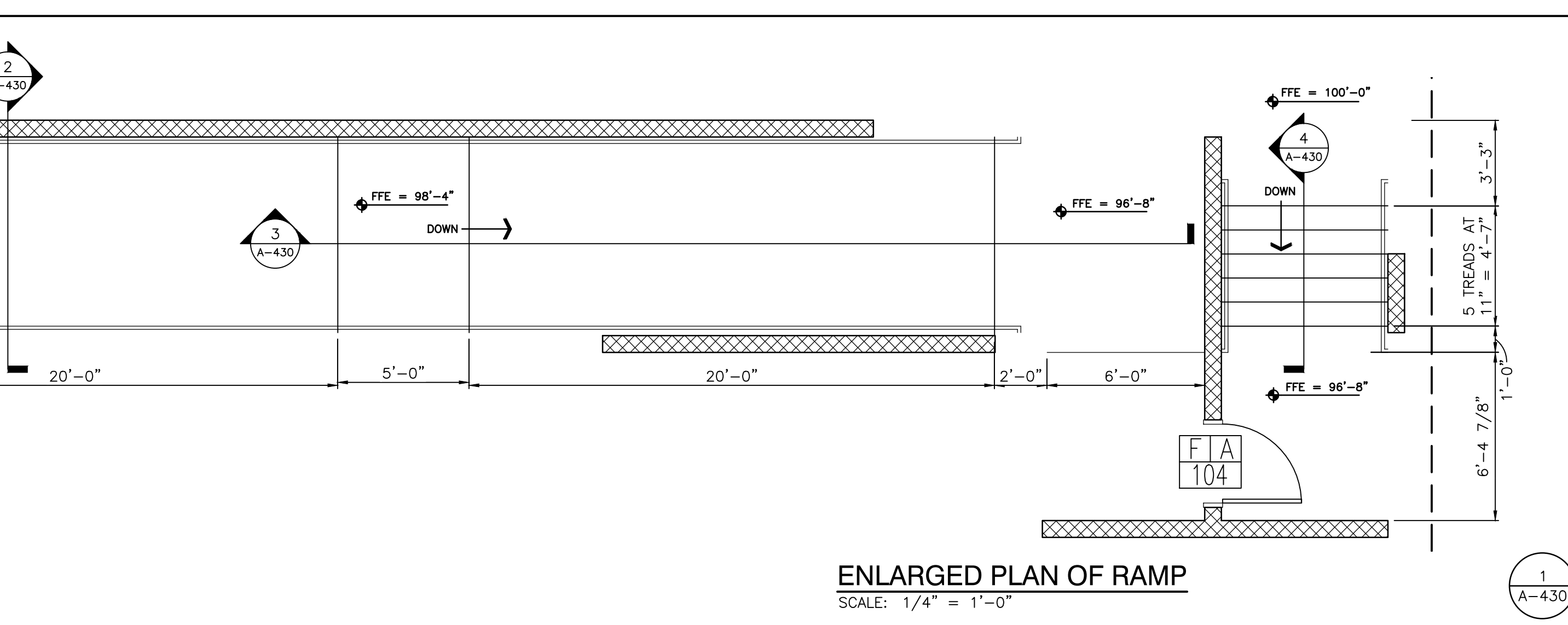
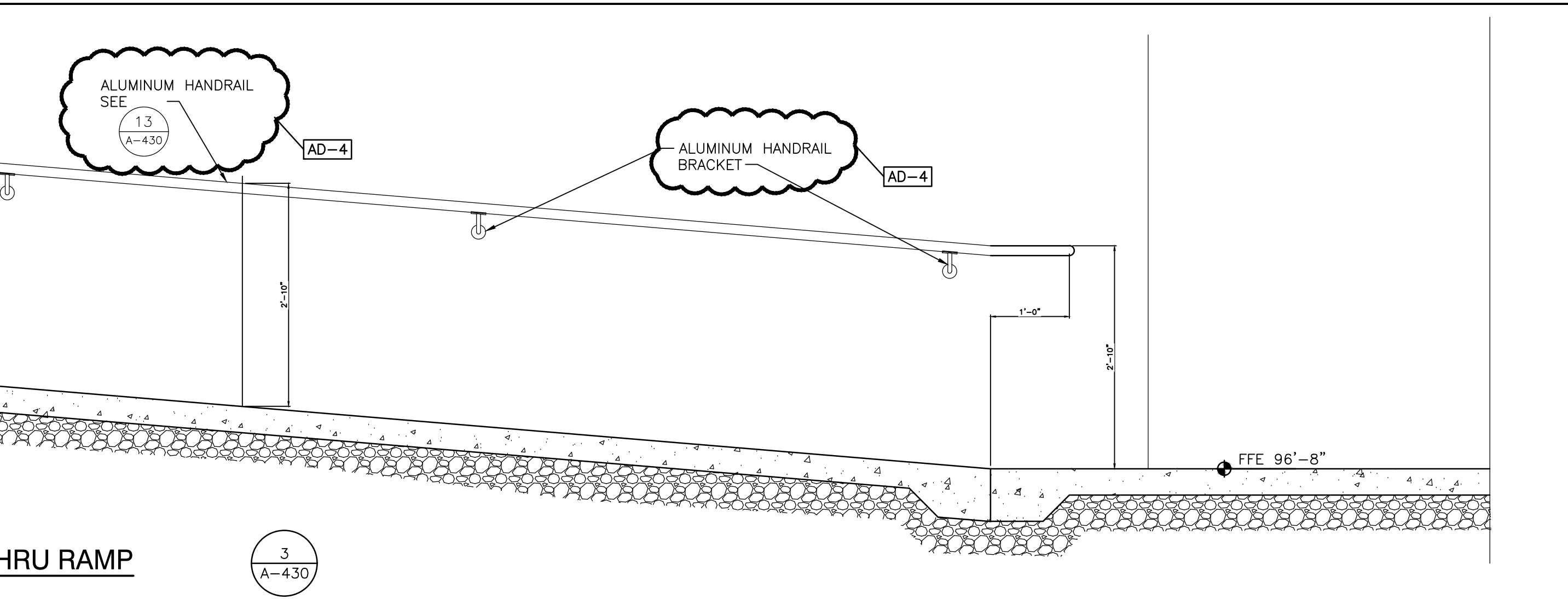
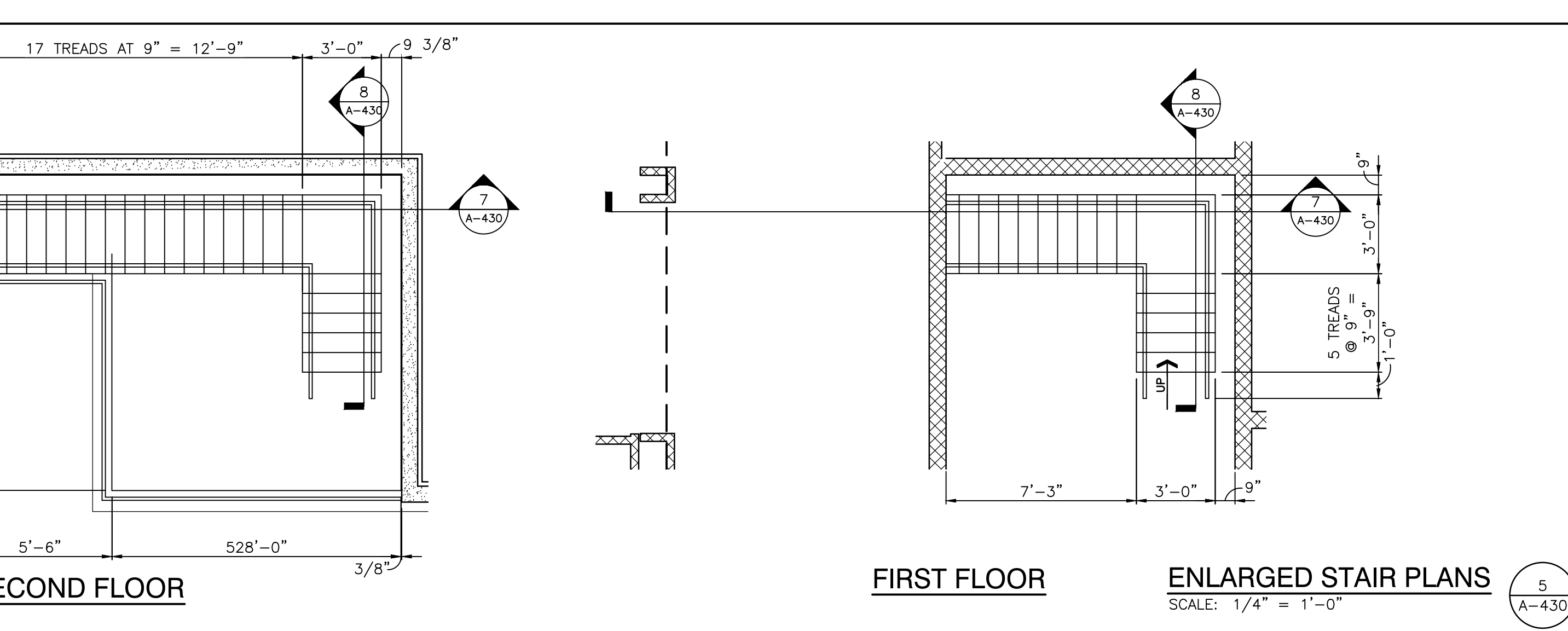
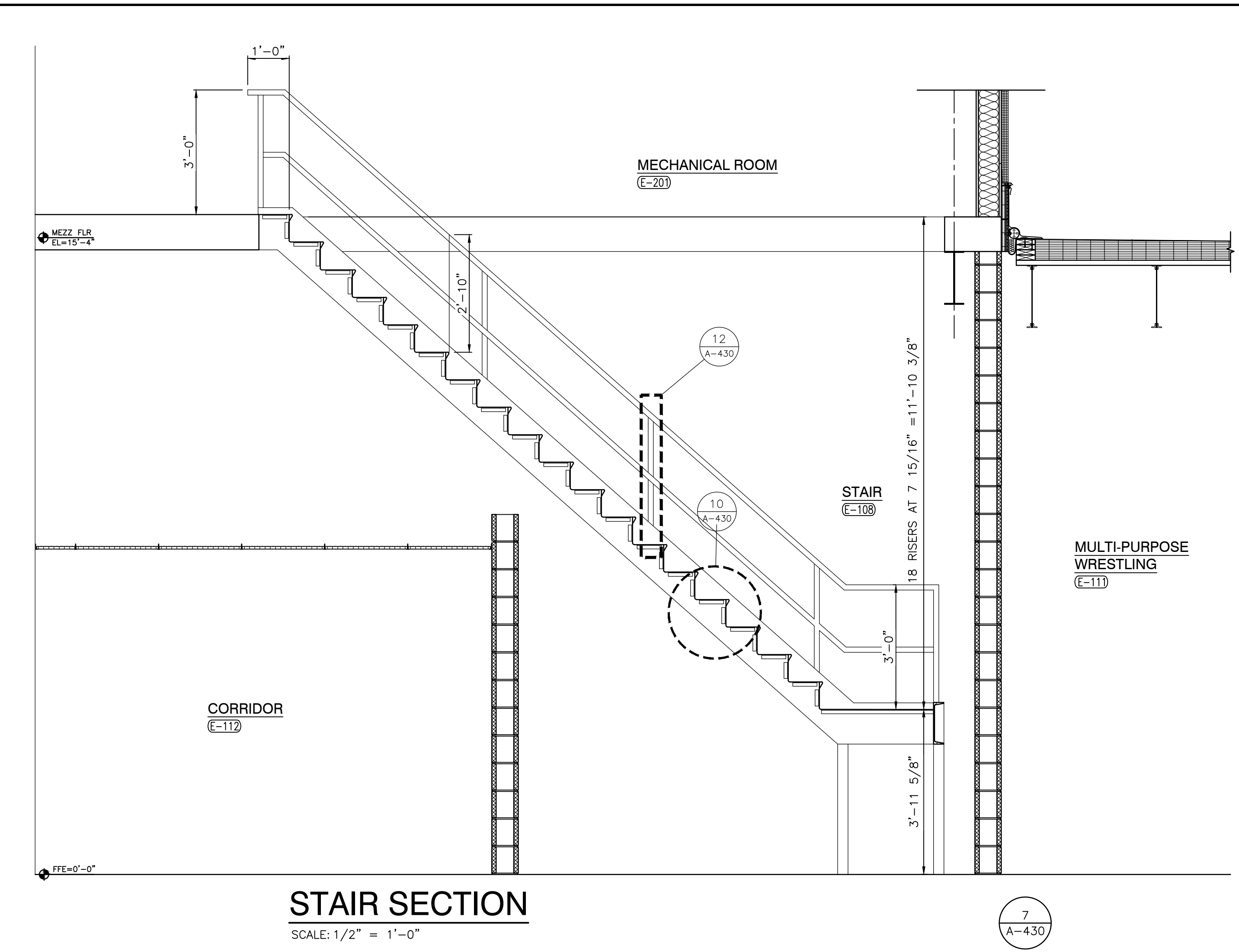
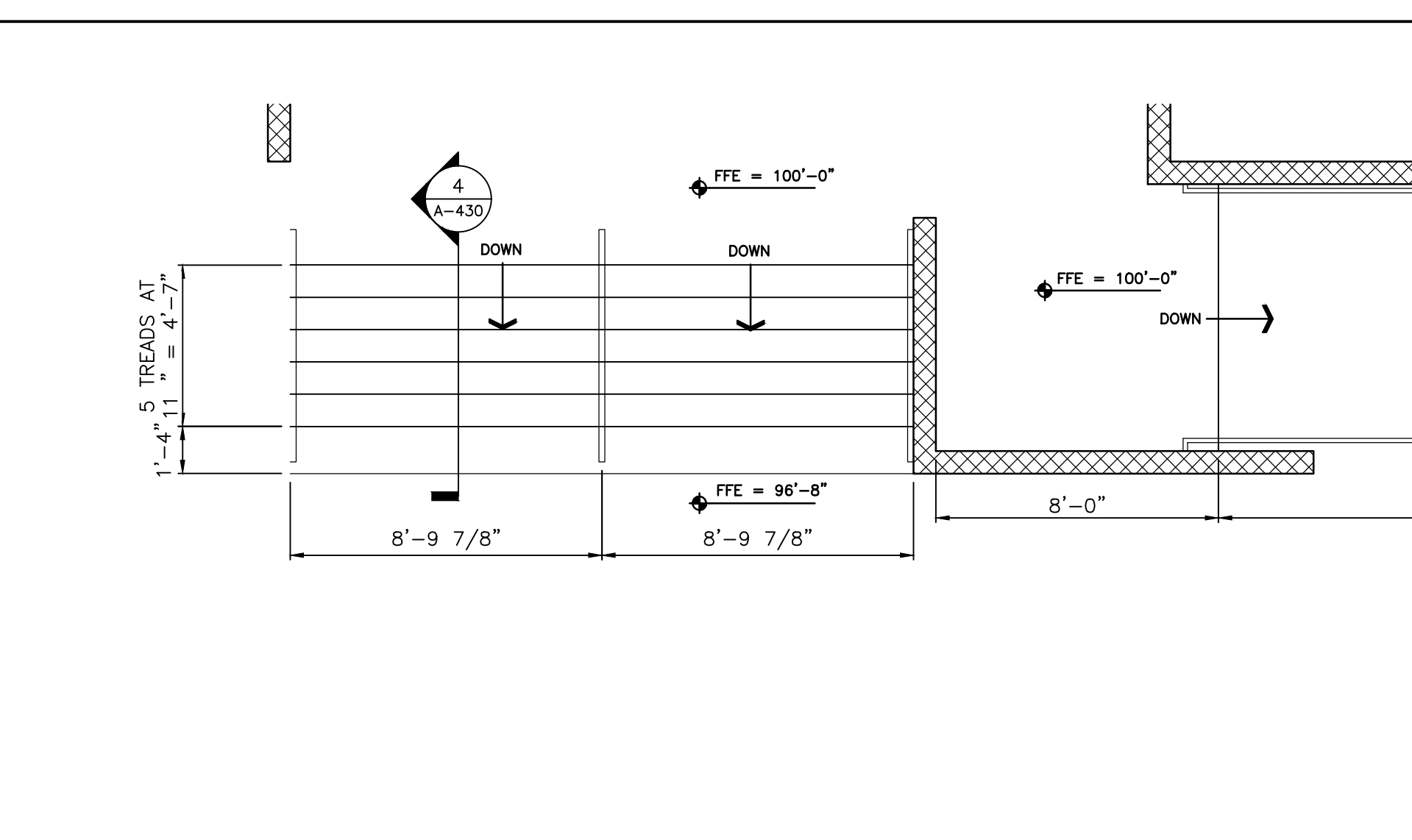
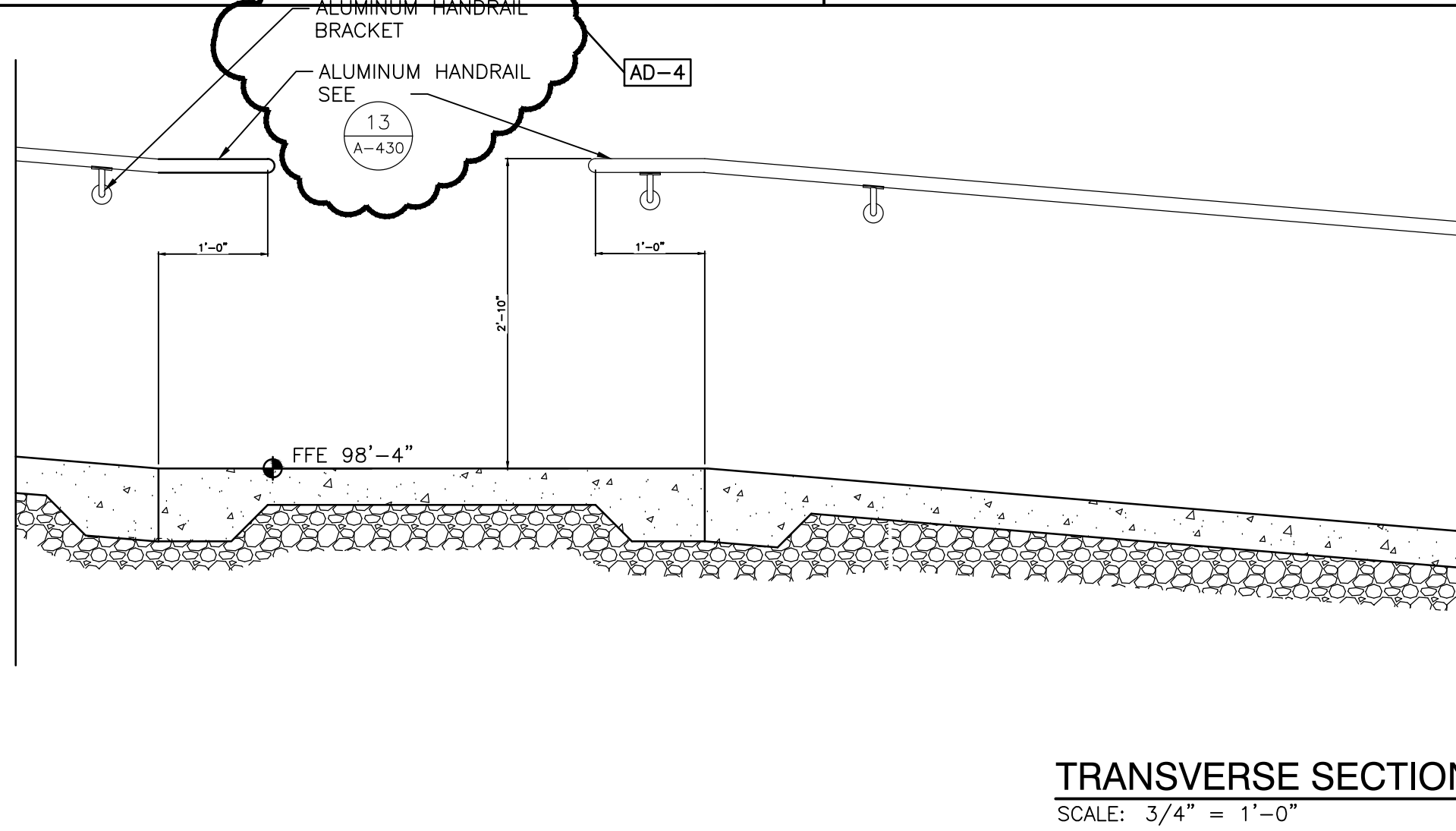
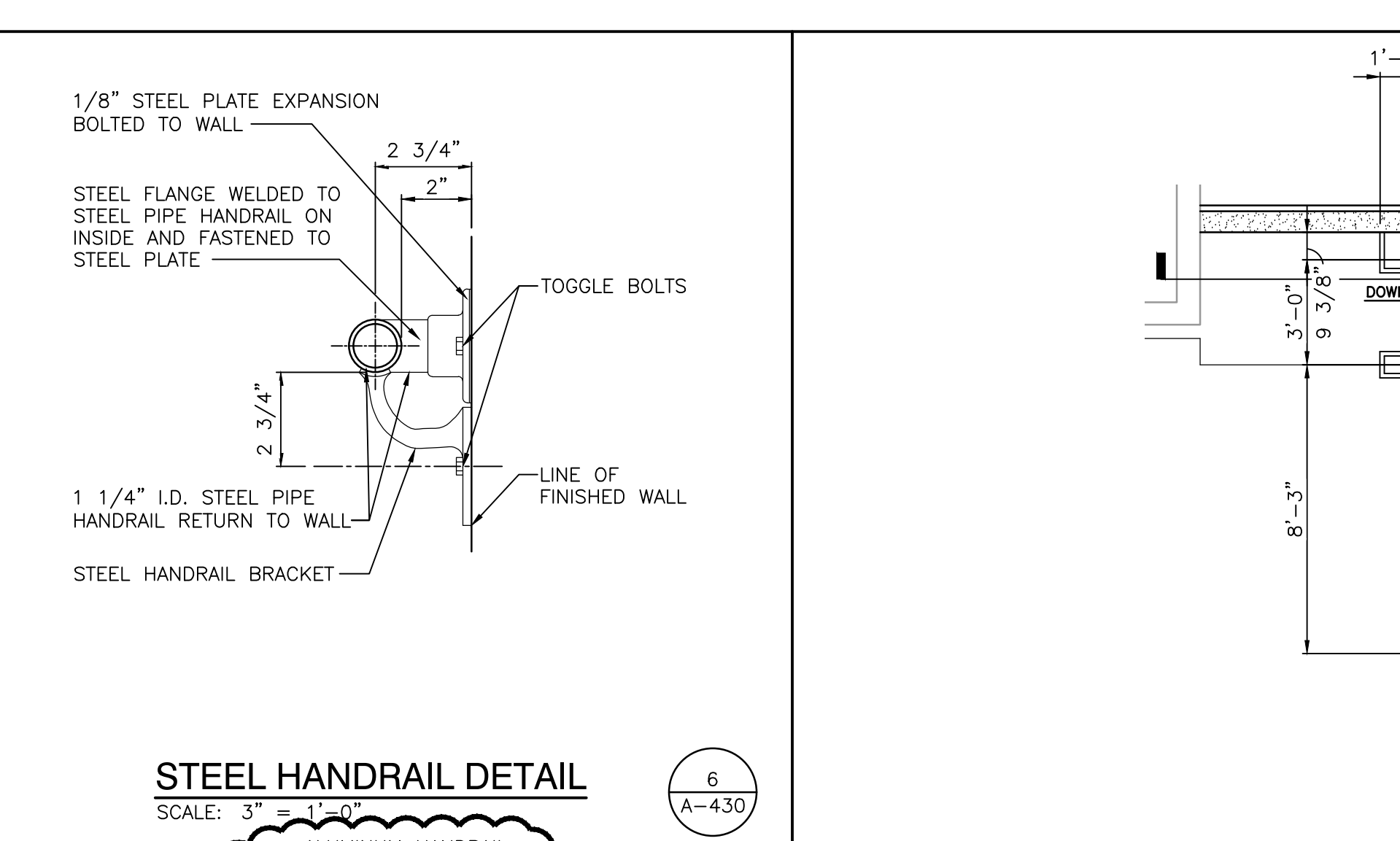
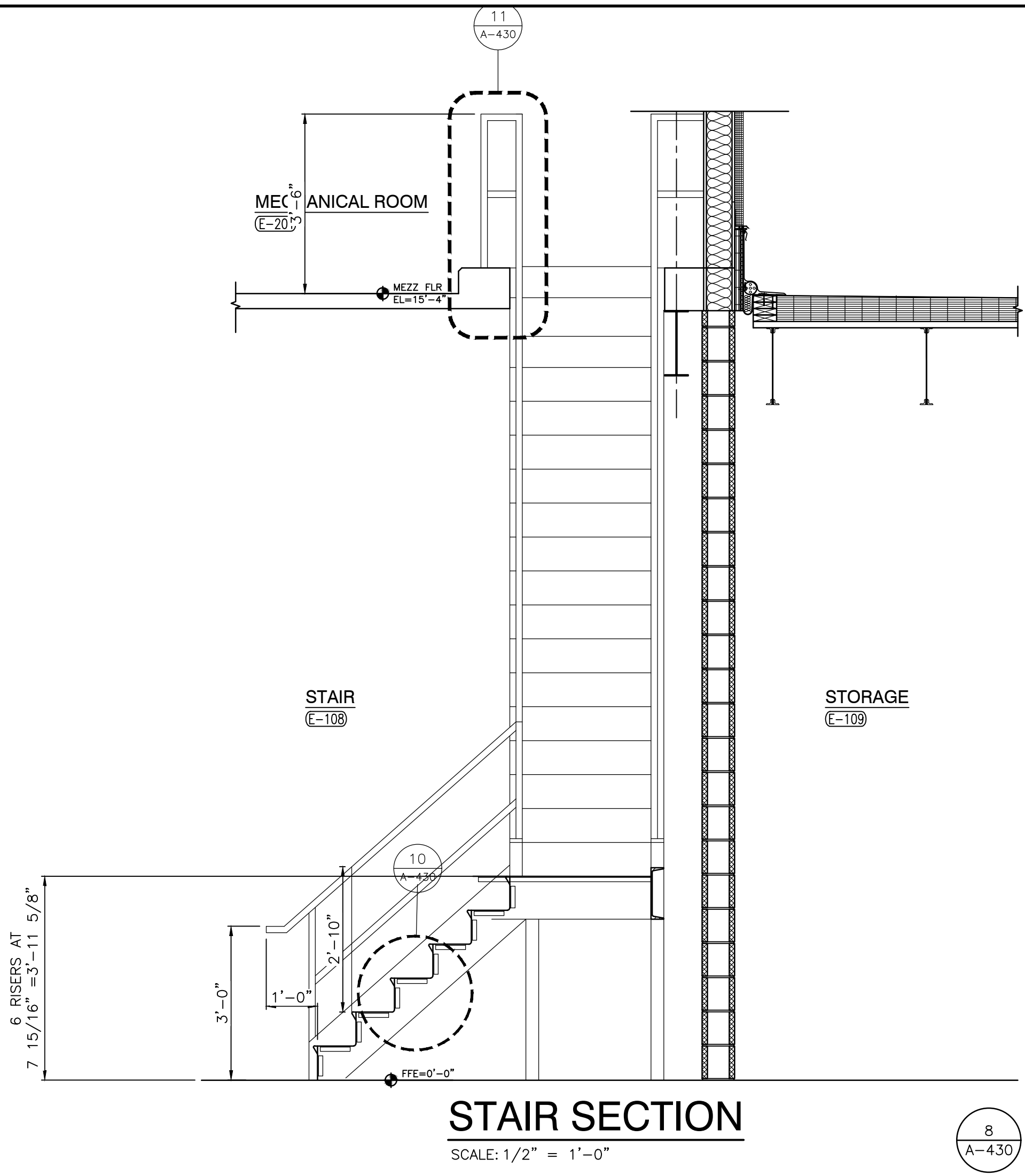
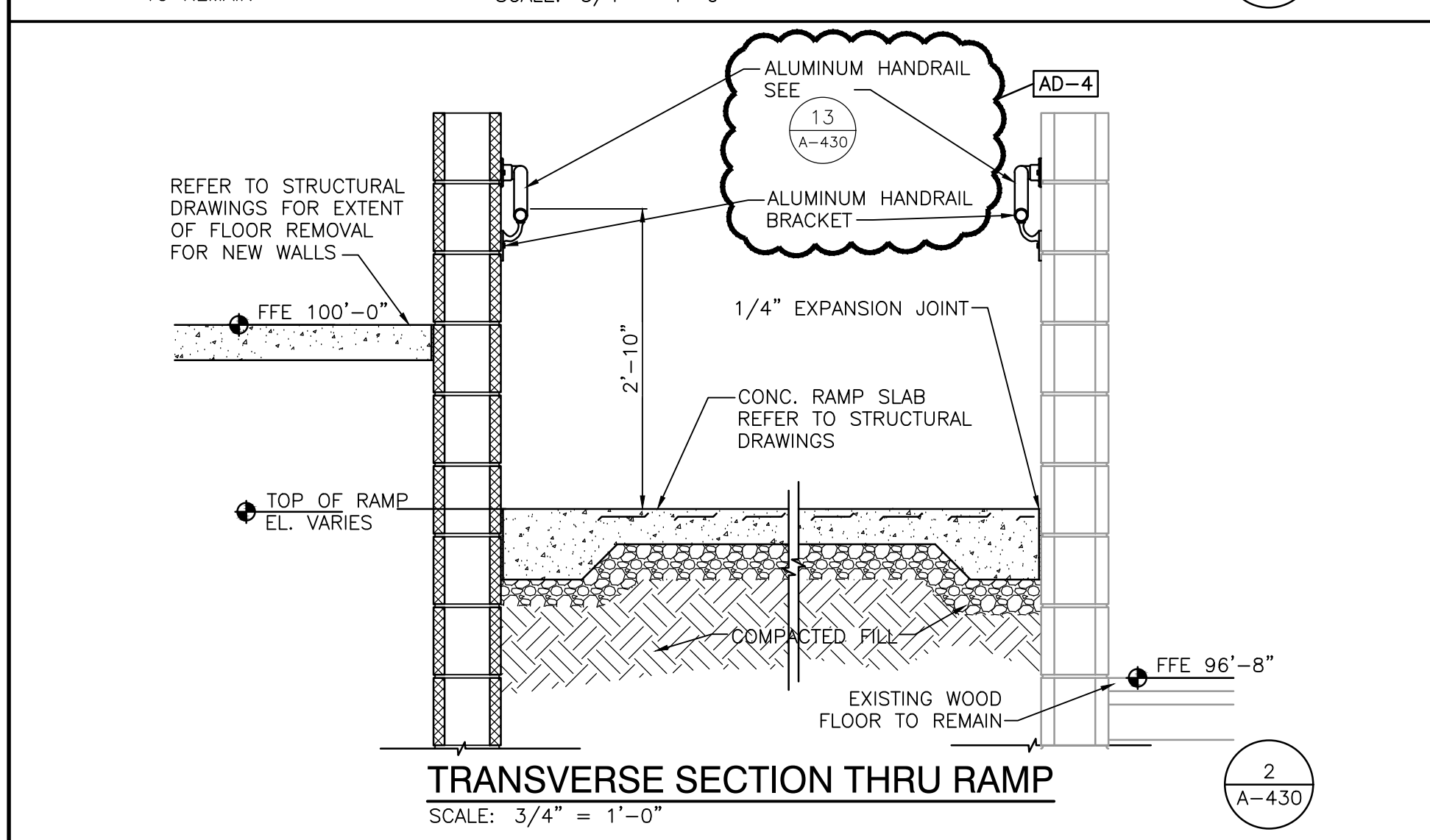
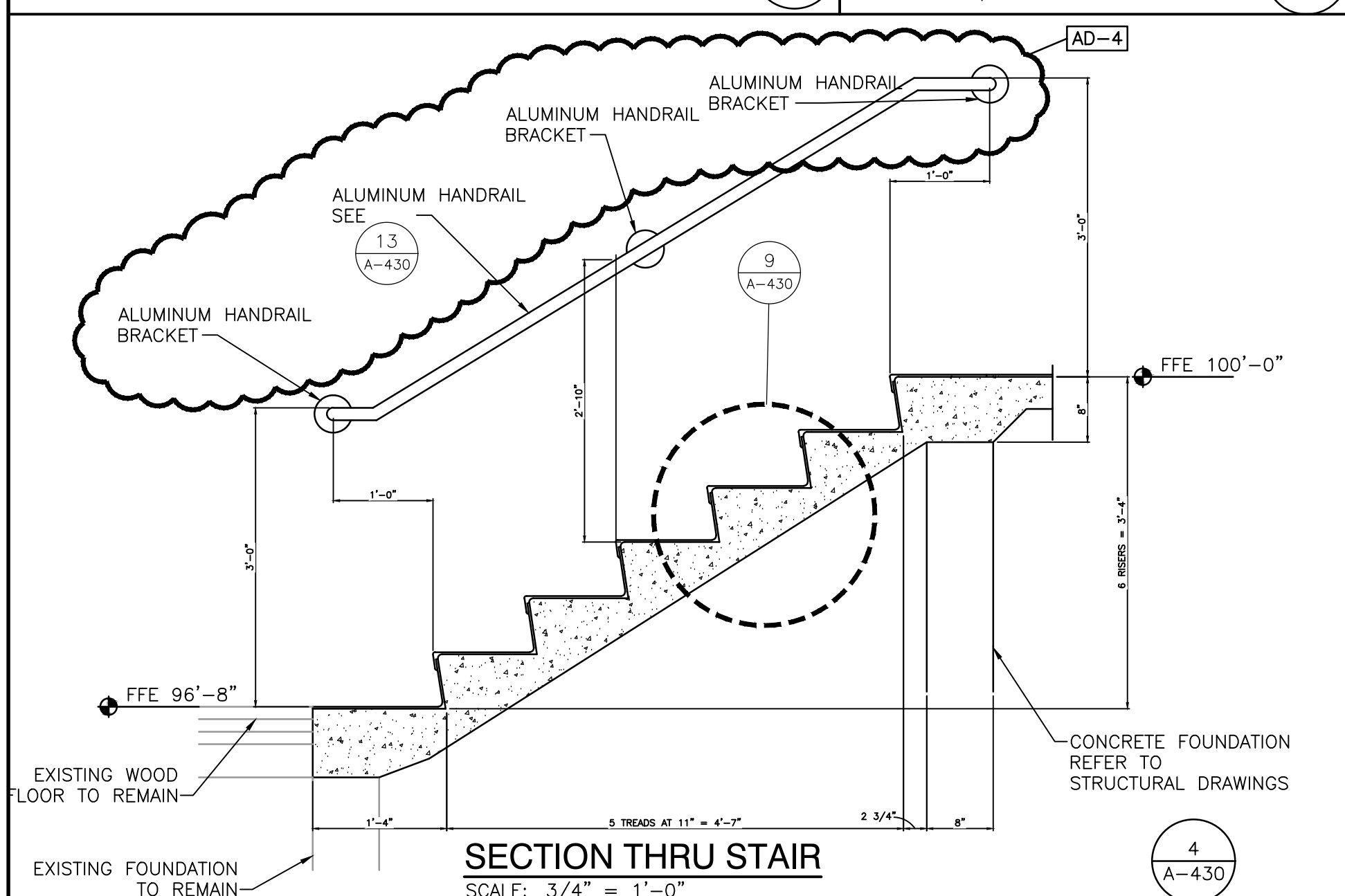
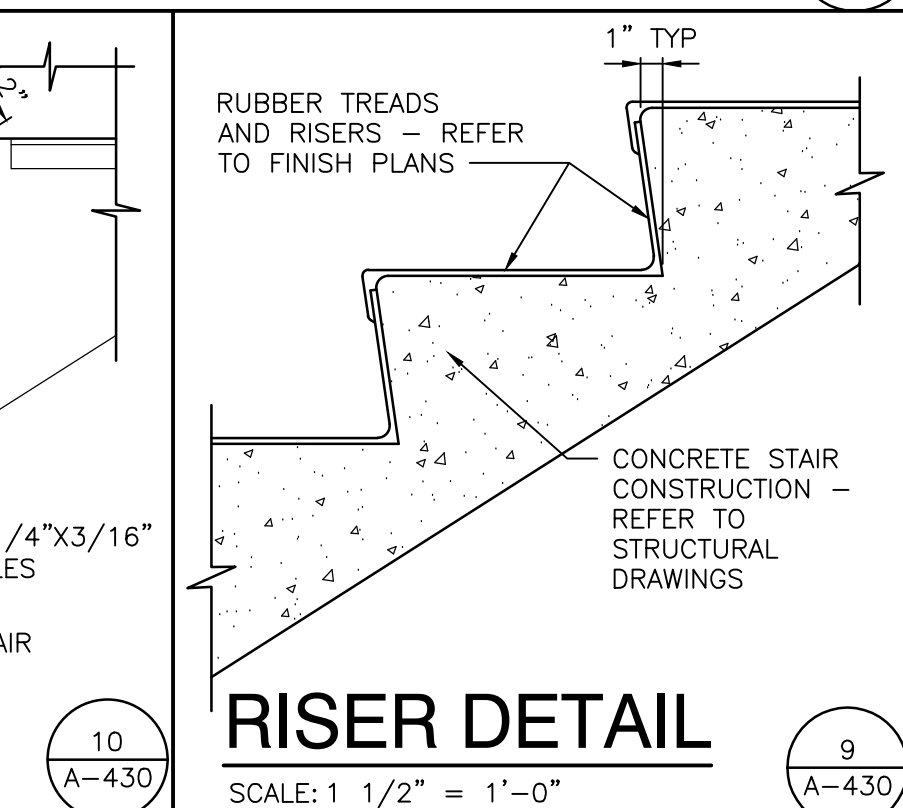
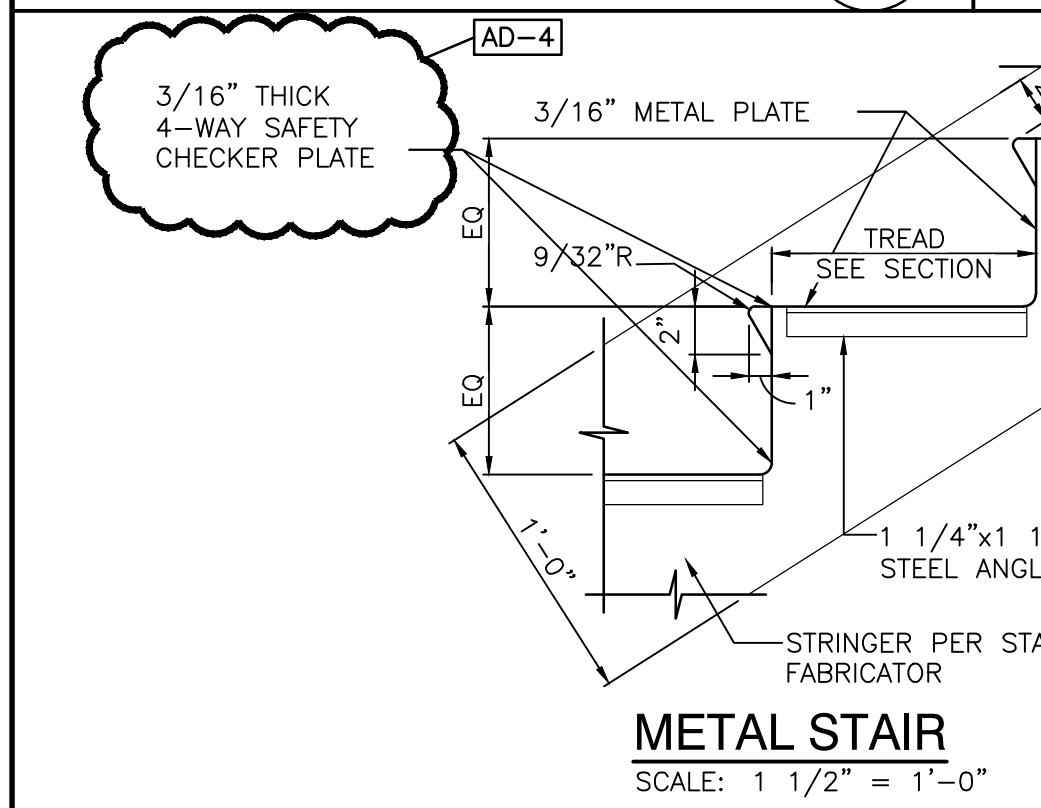
Tuesday, 5/17/2022 - 8:31 AM - LAST SAVED BY:CDAVIS
Y:\21-139 DUNELAND SC - LIBERTY INTERMEDIATE SCHOOL
ADDITIONS AND RENOVATIONS\21-139 DRAWINGS\05
ARCH\A-430.DWG



STAIR RAIL SECTION
SCALE: 3/4" = 1'-0"



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





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
Email: info@GibraltarDesign.com
Phone: 317.580.5777 Fax: 317.580.5778

PROJECT
21-139
DATE
04/25/22
COORDINATED BY
DJW
DRAWN BY
KLS
CHECKED BY
BCB

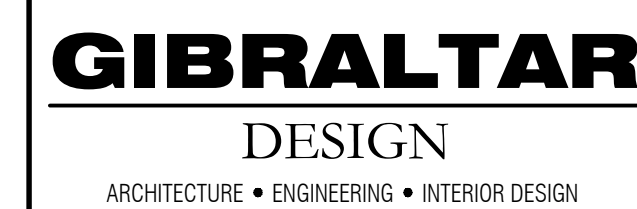
COPYRIGHT NOTICE:
THE CONCEPTS, DESIGNS, PLANS, DETAILS, ETC., SHOWN ON THIS DOCUMENT ARE THE PROPERTY OF GIBRALTAR DESIGN AND WERE CREATED FOR USE ON THIS SPECIFIC PROJECT. NONE OF THIS INFORMATION SHALL BE USED BY ANY PERSON OR FIRM FOR ANY PURPOSE WITHOUT THE EXPRESS WRITTEN CONSENT OF GIBRALTAR DESIGN.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

MARK	DATE	ISSUED FOR
AD-1	4/5/22	ADDENDUM NO.1
AD-4	05/18/22	ADDENDUM NO. 4

DRAWING
ENLARGED STAIR PLANS AND SECTIONS

PROJECT
LIBERTY IS - ADDITIONS & RENOVATIONS

© GIBRALTAR DESIGN SHEET
A-430



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 04/25/22	
COORDINATED BY DUJW	
DRAWN BY BCB	
CHECKED BY D.I.W	

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.

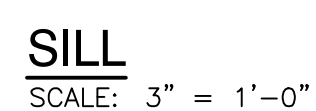
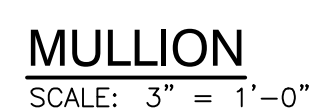
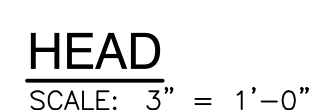
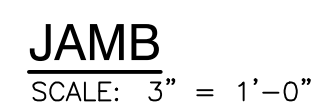
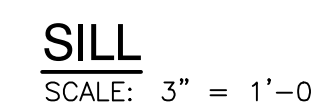
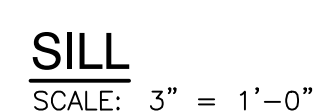
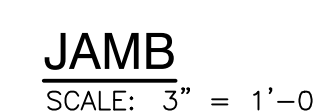
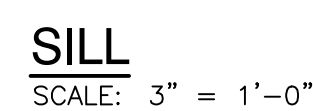
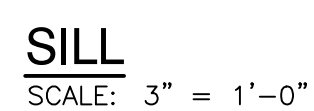
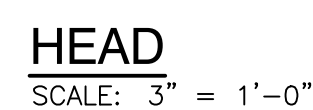
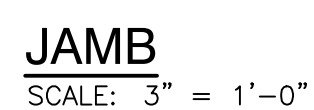
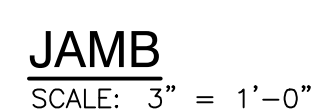
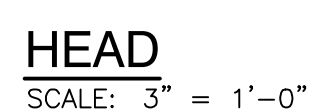
REVISIONS		
MARK	DATE	ISSUED FOR
AD-3	5/12/22	ADDENDUM NO.3
AD-4	5/18/22	ADDENDUM NO.4

DRAWING WINDOW ELEVATIONS AND DETAILS

PROJECT
LIBERTY IS -
ADDITIONS & RENOVATIONS

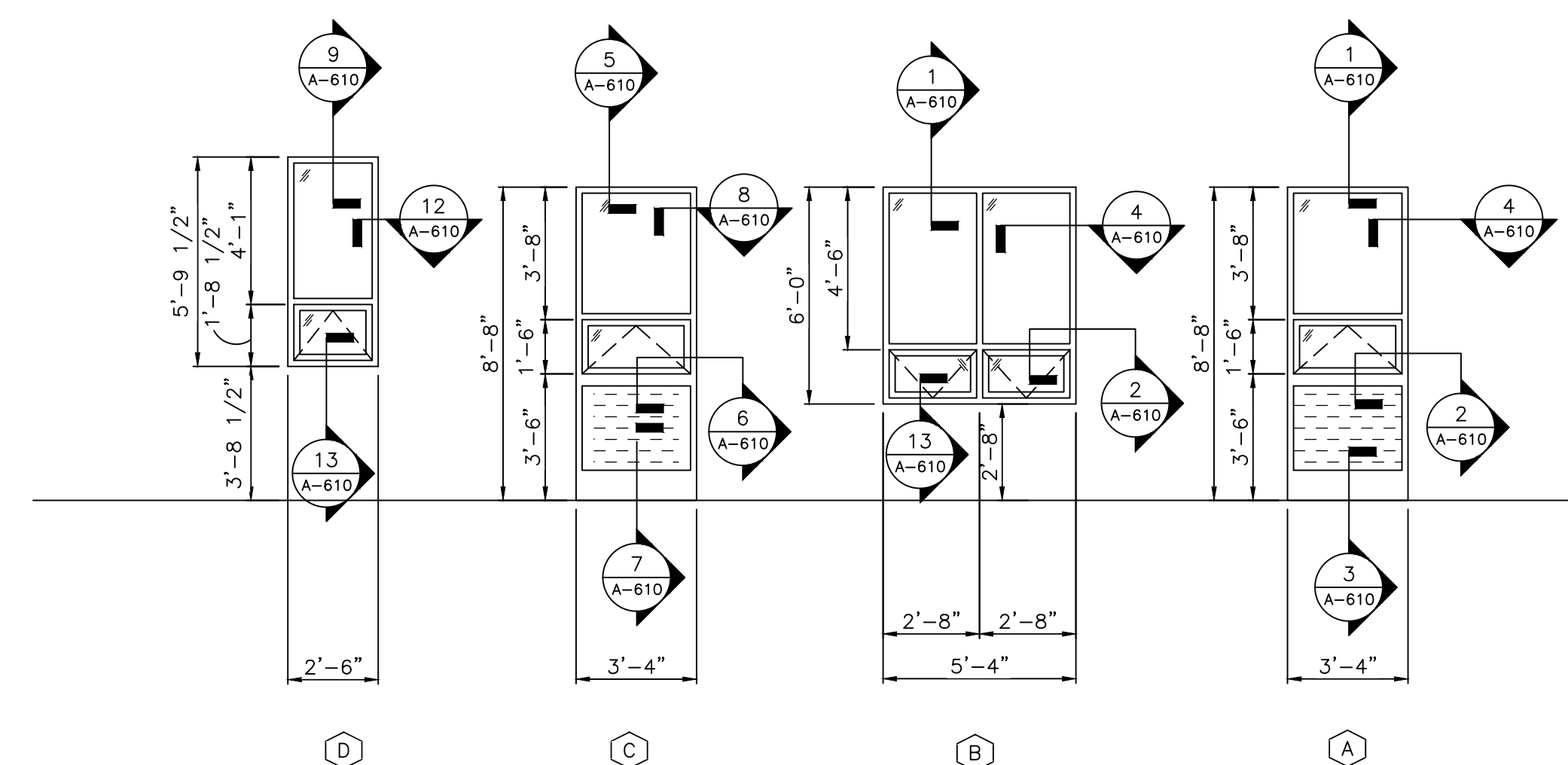
© GIBBALTAS DESIGN	SHEET
--------------------	-------

A-610



NOTES - ALUMINUM WINDOWS (W)

1. PROVIDE SHIM SPACE, BACKER ROD AND SEALANT AROUND PERIMETER OF ALL WINDOW FRAMING WHERE FRAMING ABUTS DISJUNCTION MATERIAL.
 2. PROVIDE FOAM INSULATION IN SHIM SPACE AROUND PERIMETER OF ALL EXTERIOR WINDOW FRAMING.
 3. DIMENSIONS SHOWN ARE NOMINAL. FIELD VERIFY ALL DIMENSIONS SHOWN PRIOR TO FABRICATION AND INSTALLATION.
 4. ALL FRAMES IN EXTERIOR WALLS SHALL BE THERMALLY BROKEN WITH 1" INSULATED GLAZING.
 5. ALL GLAZING SHALL CONFORM TO STATE AND LOCAL CODES.
 6. PROVIDE 3/4"x3/4" ALUMINUM SCRIBE MOLD AT PERIMETER OF BOTH SIDES ON ALL WINDOWS UNLESS NOTED OTHERWISE. SET SCRIBE MOLDS IN SEALANT.
-  INDICATES GLAZED INSULATED METAL PANEL



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

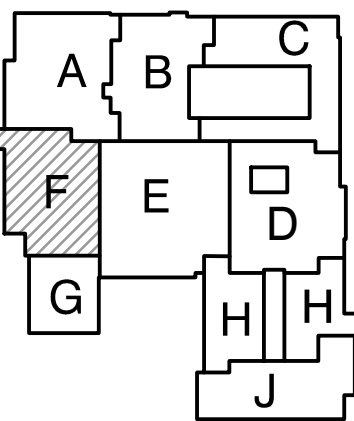
Thursday, 5/19/2022 - 10:11 AM - LAST SAVED BY: BBLACK
 \A\21-139 DUNELAND SC - LIBERTY INTERMEDIATE SCHOOL
 ADDITIONS AND RENOVATIONS\21-139 DRAWINGS\05
 ARCH\A-610.DWG



ARCHITECTURE • ENGINEERING • INTERIOR DESIGN

**LIBERTY
INTERMEDIATE
SCHOOL -
ADDITIONS &
RENOVATIONS**

DUNELAND SCHOOL CORPORATION
CHESTERTON, INDIANA



KEY PLAN

GIBRALTAR DESIGN

PROJECT 21-139	
DATE 04/25/22	
COORDINATED BY DJW	
DRAWN BY SDT	
CHECKED BY DJW	

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.

REVISIONS		
MARK	DATE	ISSUED FOR
AD-3	5/12/22	ADDENDUM NO. 3
AD-4	5/18/22	ADDENDUM NO. 4

DRAWING
UNIT "F" FIRST FLOOR FINISH
PLAN

PROJECT
LIBERTY IS -
ADDITIONS & RENOVATIONS

© GIBALTAR DESIGN

SHEET

F

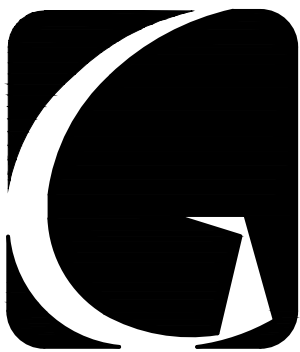
A-806

Wednesday, 5/18/2022 - 4:34 PM - LAST SAVED BY:STERRILL
Y:\21-1139 DUNELAND SC - LIBERTY INTERMEDIATE SCHOOL
ADDITIONS AND RENOVATIONS\21-1139 DRAWINGS\05
ARCH\A-820.DWG

FINISH LEGEND							
SURFACE	MARK	DESCRIPTION	MANUFACTURER	PATTERN/FINISH	NUMBER/COLOR	SIZE	COMMENTS
WALL BASE							
	B1	VINYL BASE	TARKETT	COVE	BURNT UMBER	4"	--
	B2	VENTED BASE	TARKETT	BASE	BLACK	4"	MATCH EXISTING
	AD-4	B3	RESINOUS FLOOR BASE	SHERWIN WILLIAMS	BASE	STARRY NIGHT	SEE SHEET A-502
	TB1	TILE BASE	DALTILE	MB59 SUEDE GRAY SPEC	5" X 12"	5"	COVE BASE
	TB2	QUARRY TILE BASE	DALTILE	Q3565	ASHEN GRAY	6" X 6"	COVE BASE
	TB3	TILE BASE	DALTILE	A3401	ICE WHITE	4" X 4"	COVE BASE
FLOOR MATERIALS							
	C1a	CARPET TILE	MANNINGTON	DISPATCH	14144 SWITCHBOARD	24"x24"	MEDIA CENTER AND LGL
	C1b	CARPET TILE	TARKETT	AIDA CLOTH	57203 TYPESET	18"x36"	MEDIA CENTER AND LGL
	C2a	CARPET TILE	MANNINGTON	TRANSIT	14144 SWITCHBOARD	24"x24"	OFFICES
	C2b	CARPET TILE	TARKETT	SHEARED HERRINGBONE	TYPESET 57203	18"x36"	OFFICES
	C4a	CARPET TILE	MANNINGTON	CAMETIME III	MANILE MANT	24"x24"	CLASSROOM
	C4b	CARPET TILE	TARKETT	GRAYON	BONFIRE 48011	24"x24"	CLASSROOM
	LVT1a	LUXURY VINYL TILE	MANNINGTON	CITY GRID	ANY105 SCALE	18"x18"	CORRIDOR
	LVT1b	LUXURY VINYL TILE	TARKETT	PCFT FIBER EFFECT	10775 SHIFTED SHADOWS	9" X 36"	--
	LVT2a	LUXURY VINYL TILE	MANNINGTON	CITY GRID	ANT106 PROCESS	18"x18"	CORRIDOR
	LVT2b	LUXURY VINYL TILE	TARKETT	PCFT FIBER EFFECT	10774 CONTEXTURE	9" X 36"	--
	LVT3a	LUXURY VINYL TILE	MANNINGTON	SPACIA ABSTRACT	SATIN WEAVE SSSA3805	9" X 36"	CLASSROOM
	LVT3b	LUXURY VINYL TILE	TARKETT	TEXTERRAN PCTE	CHIFFON 10977	18" X 18"	CLASSROOM
	TZ1	TERRAZZO	TERRAZZO AND MARBLE	EPOXY: SW 7674 PEPPERCORN 10% BLACK STALLION - 0 40% BLACK STALLION - 1 25% BLACK STALLION - 2 25% BLUE COAL - 1	--	--	--
	TZ2	TERRAZZO	--	MATCH EXISTING	--	--	--
	QT	QUARRY TILE	DALTILE	QUARRY TEXTURES	ASHEN GRAY	6" X 6"	--
	CT	CERAMIC TILE	DALTILE	D208 SUDE GRAY SPEC	--	2"x2"	--
	SC	SEALED CONCRETE	--	--	--	--	--
	WF	SPRING FLOOR SYSTEM	O'MARA	--	--	--	--
	RF1	RESINOUS FLOOR	SHERWIN WILLIAMS	DECO QUARTZ	BC23 STARRY EVENING	--	--
	R1	RUBBER FLOOR	TARKETT	COLOR SPLASH	HRTSP VJ4 PLYMOUTH ROCK	24" X 24"	HAMMERED
WALL MATERIALS							
	P1	PAINT	SHERWIN WILLIAMS	--	SW 766B MARCH WIND	--	CLASSROOMS
	P2	PAINT	SHERWIN WILLIAMS	--	SW 9170 ACIER	--	CLASSROOM ACCENT
	P3	PAINT	SHERWIN WILLIAMS	--	SW 7650 ELLIE GRAY	--	ADMIN
	P4	PAINT	SHERWIN WILLIAMS	--	SW 766B GRIZZLE GRAY	--	--
	AD-4	P5	NOT USED	NOT USED	--	--	--
	P6	PAINT	SHERWIN WILLIAMS	--	SW 7681 REFLECTION	--	GYM AND WRESTLING CEILING
	P7	PAINT	SHERWIN WILLIAMS	--	SW 7584 RED THEATRE	--	BULKHEAD
	W1	WALL COATING	SHERWIN WILLIAMS	--	SW 7672 KNITTING NEEDLES	--	GYM AND CLINIC
	W2	WALL COATING	SHERWIN WILLIAMS	--	SW 7650 ELLIE GRAY	--	CORRIDOR TILE, RESTROOM, AND LOCKER ROOMS
	W3	WALL COATING	SHERWIN WILLIAMS	--	SW 7584 RED THEATRE	--	--
	WC1	WALL COVERING	MDC	LENTEX	124254/4525 SOBAYA GRAY PEARL	--	CLASSROOM - MAIN
	WC2	WALL COVERING	MDC	LENTEX	12435V/4525 SOBAYA GRANITE	--	CLASSROOM - ACCENT
	WC3	WALL COVERING	MDC	FSQUIRE	MLW3608/4525 WARREN GREY PINSTRIPE	--	ADMIN - MAIN
	WC4	WALL COVERING	MDC	FSQUIRE	MLW3609/4525 WARREN GRAPHITE	--	ADMIN - ACCENT
	WC5	WALL COVERING	MDC	GENON	W2TG11/4525 OFF THE GRID SPARKLING MOON	--	CORRIDOR
	WT1	CERAMIC WALL TILE	AMERICAN OLEAN	GLOSS	0025 ICE WHITE	4" X 12"	--
	WT2	CERAMIC WALL TILE	AMERICAN OLEAN	GLOSS	0119 PASSION	4" X 12"	--
	WT3	CERAMIC WALL TILE	AMERICAN OLEAN	GLOSS	0014 BALANCE	4" X 12"	--
	WT4	CERAMIC WALL TILE	AMERICAN OLEAN	GLOSS	0040 STORM GRAY	4" X 12"	--
	FW-AWP1	ACOUSTICAL PANEL	QUILFORD OF MAINE	FR701 2100	--	--	LGL CHOIR, GENERAL MUSIC, ENSEMBLE, PRACTICE
	AR-AWP1	ACOUSTICAL PANEL	TECTUM	--	SW 9170 ACIER	--	GYM - MAIN
	AR-AWP2	ACOUSTICAL PANEL	TECTUM	--	SW 766B MARCH WIND	--	GYM - AUXILIARY
	AR-AWP3	ACOUSTICAL PANEL	TECTUM	--	SW 7584 RED THEATRE	--	GYM - AUXILIARY
	SP-AWP1	ACOUSTICAL PANEL	KINETICS NOISE CONTROL	GEOMETRIC DIFFUSERS	--	2' 0" X 2' 0"	BAND ORCHESTRA - CONVEX PANELS
	SP-AWP2	ACOUSTICAL PANEL	KINETICS NOISE CONTROL	TAD	--	2' 0" X 4' 0"	BAND ORCHESTRA - FLAT PANELS
	EP1	EXTERIOR PAINT	SHERWIN WILLIAMS	--	SW 703B TONY TAUPE	--	--
	EP2	EXTERIOR PAINT	SHERWIN WILLIAMS	--	SW 7026 GRIFFEN	--	--
CASEWORK AND MILLWORK							
	AD-1	PL1	PLASTIC LAMINATE	WILSONART	MISTED ZEPHYR 4845-80	--	CLASSROOM CABINETS
	AD-1	PL2	PLASTIC LAMINATE	WILSONART	RAIN COTTON 4947-38	--	CLASSROOM COUNTER
	AD-4	PL3	PLASTIC LAMINATE	NEWMAR	X0P1 S050-136002	--	ADMIN OFFICES RECEPTION DESK
	PL4	PLASTIC LAMINATE	PIONITE	--	PIRST N MAIN AG031	--	ADMIN OFFICES RECEPTION DESK ACCENT
	PL5	PLASTIC LAMINATE	WILSONART	--	PEARL SOAPSTONE 4886-38	--	ADMIN RECEPTION DESK COUNTER
	PL6	PLASTIC LAMINATE	FORMICA	--	NATURAL GRAY FELT 4971-58	--	WORKROOM COUNTER
	AD-4	PL7	PLASTIC LAMINATE	WILSONART	MUSHROOM 5013K-19	--	WORKROOM CASEWORK
	PL8	PLASTIC LAMINATE	PIONITE	--	SABLE AG021	--	MEDIA CENTER CIRCULATION DESK
	PL9	PLASTIC LAMINATE	WILSONART	--	PORT D14-60	--	MEDIA CENTER RECEPTION DESK ACCENT
	SS1	SOLID SURFACE	CORIAN	--	DOVE	--	WINDOW SILLS
	SS2	SOLID SURFACE	CORIAN	--	RAIN CLOUD	--	ADMIN RECEPTION DESK
	SS3	SOLID SURFACE	CORIAN	--	NATURAL GRAY	--	MEDIA CENTER COUNTER
	SS4	SOLID SURFACE	CORIAN	--	SILVER BIRCH	--	RESTROOMS
	SS5	SOLID SURFACE	CORIAN	--	LAVA ROCK	--	KITCHEN SERVING
MISCELLANEOUS							
	RS1	WINDOW ROLLER SHADE	MECHO	--	--	--	--
	CG1	CORNER GUARD	--	--	--	--	--
	L1	LOCKERS	LYON	--	3005-SF WINE RED	--	--
	TRIM1	METAL TRIM	SCHLUTER	--	--	--	FLOOR TRANSITION
	TRIM2	METAL TRIM	SCHLUTER	--	--	--	TILE EDGE
	TRIM3	METAL TRIM	SCHLUTER	--	--	--	OUTSIDE CORNER
	TRIM4	METAL TRIM	SCHLUTER	--	--	--	MILLWORK
	C3a	WALK-OFF CARPET	MANNINGTON	FORCE	KINETIC 11360	--	WALK-OFF CARPET
	C3b	WALK-OFF CARPET	TARKETT	04837 ASSERTIVE ACTION	26201 CHROMIUM	--	WALK-OFF CARPET
		BLEACHER SEAT	HUSSEY	--	050 GREY	--	--
		DISPLAY CASE FABRIC	--	--	--	--	--
		WOOD DOOR	--	--	--	--	--
		ALL TRAVELERS, BOARDERS, KM FABRICS LEGS & CYCLODRAMA CURTAINS	--	--	--	--	--
		MAIN VALENCE	--	--	--	--	--
		DOOR FRAMES	--	--	--	--	--
	PTN	FABRIC/NET PARTITION	--	--	--	--	--
	ST1	STAIR RISER AND STAIR TREAD WITH INTEGRAL NOSING	TARKETT	--	BURNT UMBER	--	HAMMERED
	TP1	TOILET PARTION	ASI ACCURATE PARTITION	SOLID PLASTIC	BURGANDY 9211	--	--
	PC1	PRIVACY CURTAIN	ARCHITEX	--	MOUNTAIN	--	--
	WDT1	WOOD TRIM	--	--	--	--	--

ETR = EXISTING TO REMAIN

- * CUSTOM GRAPHIC: MDC PREPRESS/DESIGN (MAKING SCALE AND COLOR ADJUSTMENTS), MDC IMAGE RESOURCE OR SHUTTERSTOCK IMAGE, ONE CUSTOM COLOR, RIDGID SUBSTRATE DIBOND SHALL BE USED, CLEAT MOUNTING.
CUSTOM WALLCOVERING: FLEXIBLE SUBSTRATE SUEDE ; MDC PREPRESS/DESIGN (MAKING SCALE AND COLOR ADJUSTMENTS), MDC IMAGE RESOURCE OR SHUTTERSTOCK IMAGE, ONE CUSTOM COLOR.



GIBALTAR
DESIGN
ARCHITECTURE • ENGINEERING • INTERIOR DESIGN

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

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

PROJECT
21-1139
DATE
04/25/22
COORDINATED BY
DJW
DRAWN BY
SDT
CHECKED BY
DJW



COPYRIGHT NOTICE:
THE CONCEPTS, DESIGNS, PLANS, DETAILS, ETC., SHOWN ON THIS DOCUMENT ARE THE PROPERTY OF GIBALTAR 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 GIBALTAR 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-4	5/18/22	ADDENDUM NO.4

DRAWING
FINISH LEGEND

PROJECT
LIBERTY IS -
ADDITIONS & RENOVATIONS

© GIBALTAR DESIGN SHEET
A-820

PLUMBING EQUIPMENT AND FIXTURE SCHEDULE																
TAG NO.	FIXTURE/EQUIPMENT TYPE	FIXTURE/EQUIPMENT DESCRIPTION	FIXTURE/EQUIPMENT MANUFACTURER AND MODEL NO.	ACCEPTABLE MANUF.	FIXTURE VALVE/FAUCET TYPE	FIXTURE VALVE/FAUCET TYPE	ACCEPTABLE MANUF.	ACCESSORIES/REMARKS (SEE SPECIFICATIONS FOR ADDITIONAL INFORMATION)	ELECTRICAL DATA							
									HP	MCA	FLA	AMPS	MOCP	VOLT	FH	HZ
WC-1	WATER CLOSET	VITREOUS CHINA, WALL MOUNTED	AMERICAN STANDARD 92B1103	NOTE #1	BATTERY SENSOR FLUSH VALVE	SLOAN 'G2 OPTIMA' 93116-16	NOTE #3	BE115 9155-C SEAT	-	-	-	-	-	-	-	
WC-2	WATER CLOSET	VITREOUS CHINA, WALL MOUNTED, ADA	AMERICAN STANDARD 92B1103	NOTE #1	BATTERY SENSOR FLUSH VALVE	SLOAN 'G2 OPTIMA' 93111-16	NOTE #3	BE115 9155-C SEAT	-	-	-	-	-	-	-	
WC-3	WATER CLOSET	VITREOUS CHINA, FLOOR MOUNTED, ADA	AMERICAN STANDARD 93641016	NOTE #1	BATTERY SENSOR FLUSH VALVE	SLOAN 'G2 OPTIMA' 93111-16	NOTE #0	BE115 9155-C SEAT	-	-	-	-	-	-	-	
UR-1	URNAL	BATTERY SENSOR FLUSH VALVE	SLOAN 'G2 OPTIMA' 93111-16	NOTE #1	BATTERY SENSOR FLUSH VALVE	SLOAN 'G2 OPTIMA' 93111-16	NOTE #3	-	-	-	-	-	-	-	-	
L-1	LAVATORY	VITREOUS CHINA, WALL MOUNTED, 20"x18", ADA	AMERICAN STANDARD 92355012	NOTE #1	ELECTRONIC BATTERY SENSOR, 4" CENTERS	SLOAN 9EBF-181	NOTE #0	MCQUIRE 9FU-2150-WC 1-1/2" PROURAP, MCQUIRE 9J216TCCLK SUPPLIES	-	-	-	-	-	-	-	
EW-1	ELECTRIC WATER COOLER	ELECTRIC WALL MOUNTED	ELKAY 9EZ8	NOTE #2	-	-	-	-	-	-	-	-	-	120	1 60	
S-1	SINK	TWO COMPARTMENT STAINLESS STEEL SINK, 33"x19"x6"	ELKAY 9LRADQ-3319	NOTE #3	2 HANDLE, HIGH GOOSENECK	ELKAY 9LKD2448BH	NOTE #4	ELKAY 9S5 STRAINER, ELKAY 9LK-B3 DRAIN ASSEMBLY, MCQUIRE 9J216TCCLK SUPPLIES	-	-	-	-	-	-	-	
S-2	SINK	1-COMPARTMENT STAINLESS STEEL SINK, 22"x19-1/2"x6-1/2"	ELKAY 9LRADQ-2219	NOTE #3	2 HANDLE, HIGH GOOSENECK	CHICAGO FAUCET CO. 950-317XKABCP	NOTE #4	MCQUIRE 9B-8912-CBDF P-TRAP, BREAKER 9J216TCCLK SUPPLIES	-	-	-	-	-	-	-	
S-3	SINK	VITREOUS CHINA, WALL MOUNTED, 20"x18", ADA	AMERICAN STANDARD 92355012	NOTE #1	2.5 GPM SINGLE LEVER HANDLE, 4" CENTERS	CHICAGO FAUCET 92100-ABCP-E2605JKCP	NOTE #11	MCQUIRE 9FU-2150-WC 1-1/2" PROURAP, MCQUIRE 9J216TCCLK SUPPLIES	-	-	-	-	-	-	-	
S-4	SINK	TWO COMPARTMENT UNDERMOUNT, 31-3/4" X 16-1/2" X 5-3/8"	ELKAY 9ELIHAD31655	NOTE #3	2 HANDLE, HIGH GOOSENECK	ELKAY 9LKD2448BH	NOTE #4	ELKAY 9S5 STRAINER, ELKAY 9LK-B3 DRAIN ASSEMBLY, MCQUIRE 9J216TCCLK SUPPLIES, PLASTER TRAP	-	-	-	-	-	-	-	
LS-1	LAB SINK	SINK IS INTEGRAL TO COUNTERTOP	-	-	LAB SINK FAUCET	FAUCET PROVIDED BY OTHERS	NOTE #2	W/ 1-1/2" TAILPIECE, P-TRAP, SUPPLIES	-	-	-	-	-	-	-	
MB-1	MOP BASIN	MOLDED STONE, 30"x30"x6"H	FIAT 9SB-3030	NOTE #4	WALL MOUNTED SERVICE FAUCET	CHICAGO FAUCET CO. 9991	NOTE #0	W/ 3/4" HOSE THREAD, VACUUM BREAKER, WALL BRACE	-	-	-	-	-	-	-	
SS-1	SERVICE SINK	VITREOUS CHINA WALL MOUNTED, 22"x20"x13-1/2"D	AMERICAN STANDARD 916350208	-	WALL MOUNTED SERVICE FAUCET	CHICAGO FAUCET CO. 9991-CP	NOTE #0	W/ 3/4" HOSE THREAD, VACUUM BREAKER, WALL BRACE	-	-	-	-	-	-	-	
PB-1	PLUMBERS BOX	FOR CLOTHES WASHER	GUY GRAY 9B200T5	-	-	-	-	-	-	-	-	-	-	-	-	
SH-1	SHOWER	-	-	-	1-HANDLE PRESSURE/TEMP. BALANCED	POUERS 9ET10-M-2	NOTE #5	-	-	-	-	-	-	-	-	
SH-2	SHOWER	-	-	-	1-HANDLE PRESSURE/TEMP. BALANCED	POUERS 9ET10-M-2-6-B-W	NOTE #5	HANDHELD SHOWER HEAD, HOSE, WALL BRACKET, VACUUM BREAKER AND 24" SLIDEBAR	-	-	-	-	-	-	-	
FD-1	FLOOR DRAIN	CAST IRON BODY, ADJUSTABLE W/ 6"x6" NICKEL BRONZE TOP	WADE 9100-G6	NOTE #5	-	-	-	VANDALPROOF SCREWS, PLUGGED TRAP PRIMER	-	-	-	-	-	-	-	
FS-1	FLOOR SINK	CAST IRON, 8-1/8" DEEP, ACID RESISTING, 12"x12" TOP	WADE 93140	NOTE #5	-	-	-	ALUMINUM DOME STRAINER, SECURED HINGED GRATE, SLOPED RIM	-	-	-	-	-	-	-	
SC-1	SILLCOCK	NON-FREEZE, VACUUM BREAKER, REMOVABLE KEY	WADE 93600	NOTE #6	-	-	-	-	-	-	-	-	-	-	-	
HB-1	HOSE BIBBS	VACUUM BREAKER, 3/4" HOSE THREAD	CHICAGO FAUCET CO. 9352	NOTE #6	-	-	-	-	-	-	-	-	-	-	-	
NB-1	NEUTRALIZATION BASIN	120 GALLON	ORION 9STYLE 5	-	-	-	-	-	-	-	-	-	-	-	-	
NB-2	NEUTRALIZATION BASIN	30 GALLON	ORION 9STYLE 5	-	-	-	-	-	-	-	-	-	-	-	-	
RD-1	ROOF DRAIN	CAST IRON BODY, GRAVEL STOP, LARGE SUMP	MIFAB 9R200-EU	NOTE #5	-	-	-	-	-	-	-	-	-	-	-	
OFRD-1	OVERFLOW ROOF DRAIN	CAST IRON BODY, GRAVEL STOP, LARGE SUMP	MIFAB 9R200-W	NOTE #5	-	-	-	-	-	-	-	-	-	-	-	
WS-1	WATER SOFTENER	CALL US AT 1-800-955-5000 FOR QUOTE - 210 GPM						BRINE TANK - 30% 40%	-	-	-	-	-	120	1 60	
DBP-1	DOMESTIC BOOSTER PUMP	210 GPM @ 95 PSI DISCHARGE W/ SUCTION @ 26 PSI	METROPOLITAN 9MS-MTIII-15DF-PHI-95	NOTE #1	-	-	-	W/ 120 GAL. HYDRO-PNEUMATIC TANK, 4" SUCTION 4" DISCHARGE	(2) 15	-	-	-	-	480	3 60	
TW-1	TEMPERED															

NOTE #8: METROPOLITAN, TACO
NOTE #9: ZURN, TOTO
NOTE #10: ZURN, DELTA, T45 BRASS, CHICAGO FAUCET CO.
NOTE #11: AMT, B&G

GENERAL NOTES

- A. WORK SHALL COMPLY WITH LOCAL, MUNICIPAL, AND STATE PLUMBING CODES.
- B. THE SCOPE OF WORK SPECIFIED HEREIN AND IN THE SPECIFICATIONS SHALL BE COORDINATED WITH THE CONSTRUCTION MANAGER - REFER TO THE SCOPE OF WORK FOR EACH TRADE AND DISCREPANCIES BETWEEN THE CONSTRUCTION DOCUMENTS AND CONSTRUCTION MANAGERS SCOPE SHALL BE BROUGHT TO THE ATTENTION OF THE ARCHITECT/ENGINEER FOR CLARIFICATION. THE ARCHITECT/ENGINEER'S DECISION SHALL BE FINAL.
- C. LAYOUT IS DIAGNOSTIC. INSTALL PIPING AND EQUIPMENT TO MEET ACTUAL FIELD CONDITIONS. REVIEW PROJECT SPECIFICATIONS BEFORE STARTING ANY WORK. SUBMIT SHOP DRAWINGS OF WORK AS PER SPECIFICATIONS.
- D. COORDINATE PHASING OF WORK AND PROVIDE TEMPORARY PIPING AND SERVICES AS REQUIRED FOR THE IMPLEMENTATION OF WORK.
- E. LAYOUT WORK TO AVOID CONFLICTS BETWEEN DUCTWORK, LIGHTING, CEILINGS, PIPING AND BUILDING STRUCTURE.
- F. SCHEDULE WORK TO AVOID DOWNTIME AND INCONVENIENCE TO OWNER.
- G. TRADE COORDINATION
- H. COORDINATE EQUIPMENT ELECTRICAL REQUIREMENTS (VOLTAGES, PHASE, LOAD, ETC.) BEFORE ORDERING ANY EQUIPMENT.
- I. COORDINATE VENT THROUGH ROOF LOCATIONS WITH OUTDOOR AIR INTAKE LOCATIONS TO MAINTAIN A MINIMUM SEPARATION OF TEN FEET.

CNN. NO.	CONNECT TO	COLD WATER	HOT WATER	WASTE	FLOOR DRAINS	REMARKS
2	WALK-IN COOLER COIL	-	-	-	FD-1	-
7	WALK IN FREEZER COIL	-	-	-	FD-1	-
14	ISLAND WORKTABLE W/ 2 COMP SINK	-	-	-	FS-I	-
15	WALL MOUNT HAND SINK	-	-	-	-	-
16	HAND SINK FAUCET	½"	½"	1½"	-	-
17	ISLAND WORKTABLE W/ PREP SINK	-	-	-	FS-I	-
18	SPLASH MOUNT FAUCET	-	-	-	-	-
19	GARBAGE DISPOSAL SYSTEM	½"	-	-	-	-
32	COMBI OVEN/STEAMER	¾"	-	-	FS-I	-
34	COMBI OVEN/STEAMER	¾"	-	-	FS-I	-
36	COMBI OVEN/STEAMER	¾"	-	-	FS-I	-
38	COMBI OVEN/STEAMER	¾"	-	-	FS-I	-
45	THREE COMPARTMENT SINK	-	-	-	FS-I	-
47	SPLASH MOUNT FAUCET	¾"	¾"	-	-	-
48	SPLASH MOUNT FIRE RINSE FAUCET	½"	½"	-	-	-
49	GARBAGE DISPOSAL SYSTEM	½"	-	-	-	-
51	DISH MACHINE W/ BOOSTER HEATER	½"	½"	-	FS-I	-
52	DISH MACHINE BLOWER DRYER	-	-	-	FS-I	-
60	DROP-IN HOT/COLD WELL UNIT	-	-	-	FS-I	-
71	DROP-IN COLD WELL UNIT	-	-	-	FS-I	-
78	DROP-IN HOT/COLD WELL UNIT	-	-	-	FS-I	-
84	DROP-IN HOT/COLD WELL UNIT	-	-	-	FS-I	-
87	DROP-IN COLD WELL UNIT	-	-	-	FS-I	-
94	DROP-IN HOT/COLD WELL UNIT	-	-	-	FS-I	-
99	SATELLITE ASSEMBLY TABLE WITH SINK	-	-	-	FS-I	-
-	-	-	-	-	-	-
-	-	-	-	-	-	-
-	-	-	-	-	-	-
-	-	-	-	-	-	-
-	-	-	-	-	-	-
-	-	-	-	-	-	-
-	-	-	-	-	-	-
-	-	-	-	-	-	-

THIS CONTRACTOR SHALL PROVIDE ALL ROUGH-IN AND FINAL SERVICES AND CONNECT ALL WATER LINES, WASTE LINES, INDIRECT PIPING, ETC. FOR FIXTURES AND KITCHEN EQUIPMENT ITEMS PROVIDED AND INSTALL ALL VALVES, STOPS, TRAPS, AND PRESSURE REGULATORS NECESSARY TO CONNECT LINES. FOR FURTHER INFORMATION AND DESCRIPTION OF KITCHEN EQUIPMENT BEING SUPPLIED REFER TO ARCHITECTURAL DRAWINGS, KITCHEN EQUIPMENT DRAWINGS, AND ENLARGED SERVICE AREA DRAWINGS.

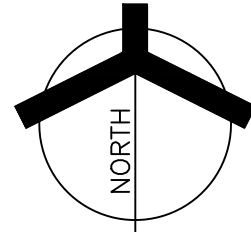
-----	EXISTING UNDERGROUND SANITARY PIPING	AIR	COMPRESSED AIR
-- ST --	EXISTING UNDERGROUND STORM SEWER	AV	ACID VENT
-----	EXISTING COLD WATER PIPING	AW	ACID WASTE
-----	EXISTING HOT WATER PIPING	CO	CLEANOUT
-----	EXISTING HOT WATER RECIRCULATION PIPING	CW	COLD WATER
-----	EXISTING DRAIN TILE	DBP	DOMESTIC BOOSTER PUMP
-----	EXISTING PIPING	DN	DOWN
-----	EXISTING AIR PIPING TO BE REMOVED	DT	DRAINTILE
-----	EXISTING PIPING TO BE REMOVED OR ABANDONED	EMSH	EMERGENCY SHOWER
-----	NEW UNDERGROUND SANITARY SEWER	EUC	ELECTRIC WATER COOLER
-----	NEW UNDERGROUND STORM SEWER	FCO	FLOOR CLEANOUT
-----	NEW COLD WATER PIPING	FD	FLOOR DRAIN
-----	NEW HOT WATER PIPING	FS	FLOOR SINK
-----	NEW HOT WATER RECIRCULATION PIPING	GT	GREASE TRAP
-----	NEW VENT PIPING	HARD	HARD WATER
-----	NEW DRAINTILE	HB	HOSE BIBB
-----	NEW OVERHEAD STORM PIPING	HU	HOT WATER
-----	NEW OVERHEAD SANITARY PIPING	HUR	HOT WATER RECIRCULATION
-----		IM	ICE/MAKER VALVE BOX
-----		INV. EL.	INVERT ELEVATION
-----		L	LAVATORY
-----		LT	LAUNDRY TUB
-----		MB	MOP BASIN
-----		MH	MANHOLE
-----		NB	NEUTRALIZATION BASIN
-----		OFSD	OVERFLOW ROOF DRAIN
-----		OSD	OPEN SITE DRAIN
-----		FB	PLUMBERS BOX
-----		RCP	HOT WATER RECIRCULATION PUMP
-----		RD	ROOF DRAIN
-----		S	SINK
-----		SC	SILL COCK
-----		SH	SHOWER
-----		SP	PUMP PUMP
-----		SS	SERVICE SINK
-----		TW	TEMPERED WATER
-----		UR	URINAL
-----		V	VENT
-----		VTR	VENT THROUGH ROOF
-----		WC	WATER CLOSET
-----		WCO	WALL CLEANOUT
-----		WH	WATER HEATER
-----		YCO	YARD CLEANOUT
	PIPE DOWN		
	PIPE UP		
	SHUT-OFF VALVE		
	CHECK VALVE		
	HOSE BIBB/SILL COCK		
	RELIEF VALVE		
	SHOWER HEAD/COCK MANUAL FLOW CONTROL VALVE		
	THERMOMETER		
	PRESSURE GAUGE		
	SHEET NOTE TAG		
	KITCHEN EQUIPMENT TAG		



DRAWING	PLUMBING SCHEDULE, NOTES, SYMBOLS & ABBREVIATIONS
PROJECT	LIBERTY IS - ADDITIONS & RENOVATIONS



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



P-106



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

04/25/22

COORDINATED BY

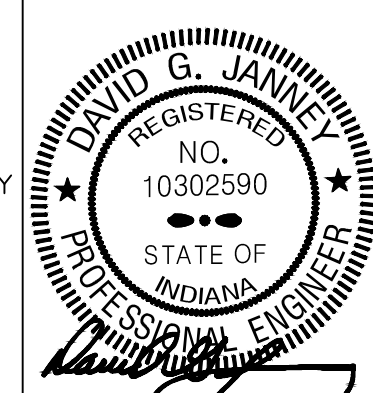
JC

DRAWN BY

MS

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.

REVISIONS

MARK	DATE	ISSUED FOR
AD-3	05/12/22	ADDENDUM NO. 3
AD-4	05/18/22	ADDENDUM NO. 4

DRAWING

PARTIAL ELECTRICAL SITE PLAN

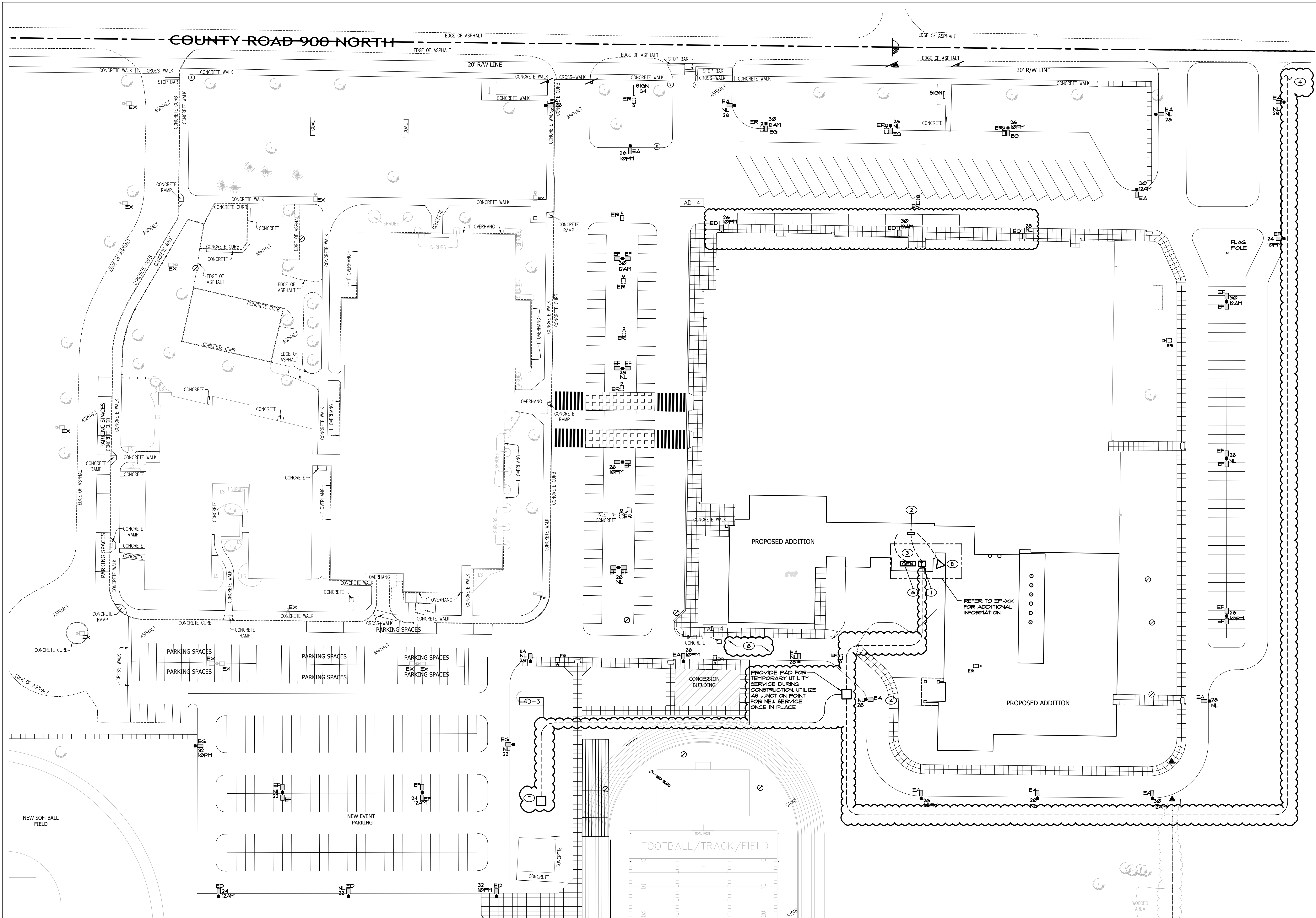
PROJECT

**LIBERTY IS -
ADDITIONS & RENOVATIONS**

© GIBRALTAR DESIGN

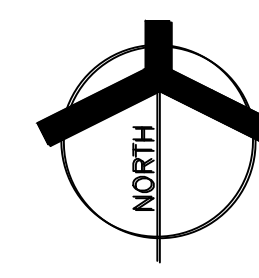
SHEET

E-002



PARTIAL ELECTRICAL SITE PLAN

SCALE: 1" = 40'-0"



GENERAL NOTES

1. ALL CONDUIT BEYOND THE DISTURBED FIELD AREA AND BELOW EXISTING PAVEMENT TO REMAIN SHALL BE DIRECTIONAL BORED.
2. EXACT ROUTING OF THE SECONDARY FEEDERS FROM THE TRANSFORMER TO THE SWITCHBOARD SHALL BE VERIFIED WITH AHI FOR ACCEPTABILITY PRIOR TO INSTALLATION.
3. VERIFY EXACT LOCATION OF THE METER AND CT CABINET WITH THE UTILITY COMPANY.
4. SITE LIGHTING CONDUCTORS SHALL BE #8 AWG MINIMUM, AND SIZED TO MEET N.E.C. VOLTAGE DROP REQUIREMENTS.
5. UNLESS OTHERWISE NOTED, ROUTE LIGHTING TO CIRCUITS INDICATED VIA TIME CLOCK, CONTACTORS AND PHOTOCELL.
6. REFER TO SITE LIGHTING POLE AND FLOOD LIGHT DETAILS FOR ADDITIONAL INFORMATION.
7. CAREFULLY VERIFY BASE SIZE FOR EACH FIXTURE WITH ARCHITECT AND OWNER PRIOR TO INSTALLATION.
8. ELECTRICAL CONTRACTOR SHALL CAREFULLY COORDINATE EXACT LAYOUT OF TRANSFORMER, METERING EQUIPMENT AND GENERATOR IN OUTDOOR YARD WITH ARCHITECT AND MECHANICAL CONTRACTOR NO LATER THAN 14 DAYS AFTER CONTRACT AWARD AND PRIOR TO ORDERING OF ANY EQUIPMENT.
9. REFER TO TECHNOLOGY DRAWINGS FOR TECHNOLOGY SITE WORK AND PROVIDE RACEWAY AND HAND-HOLE ROUGH-INS AS INDICATED.

SHEET NOTES

1. UTILITY COMPANY PAD MOUNTED SERVICE TRANSFORMER FURNISH AND INSTALL TRANSFORMER PAD PER UTILITY COMPANY STANDARDS AND SPECIFICATIONS, INCLUDING GROUNDING, PAD SIZE, ETC.
2. APPROXIMATE LOCATION OF MAIN SWITCH BOARD (MSB), CT SECTION AND METER.
3. SECONDARY FEEDERS ROUTED FROM THE MSB TO THE UTILITY TRANSFORMER REFER TO THE TRENCH DETAIL AND THE RISER DIAGRAM FOR ADDITIONAL INFORMATION.
4. PROVIDE TWO (2) 4" PVC CONDUITS TO UTILITY SERVICE POINT DETERMINED BY UTILITY COMPANY FOR FURNISH SERVICE ENTRANCE CABLE. VERIFY LOCATION IN FIELD WITH UTILITY COMPANY PRIOR TO ROUGH-IN. CAREFULLY LOCATE ALL UNDERGROUND UTILITIES AND COORDINATE WORK TO AVOID ANY CONFLICTS. PROVIDE PULL BOXES AT LOCATIONS INDICATED BY THE UTILITY COMPANY. PULL BOX SHALL MATCH THE UTILITY COMPANY STANDARDS.
5. GROUND TRAIL: VERIFY EXACT LOCATION IN FIELD.
6. APPROXIMATE LOCATION OF EMERGENCY GENERATOR.
7. FUTURE UTILITY TRANSFORMER LOCATION, PROVIDE PRIMARY CONDUIT STUB-UP AND CAP FOR FUTURE UTILITY PAD, VERIFY EXACT LOCATION AND REQUIREMENTS WITH UTILITY COMPANY PRIOR TO ROUGH-IN.
8. CONTRACTOR TO REMOVE (4) FOUR CUSTOMER OWNED UTILITY POLES ORIGINALLY SERVING UTILITY BEING REMOVED. NEW UTILITY TO ROUTE UNDERGROUND IN NEW CONDUIT. COORDINATE WITH SITE AND LOW VOLTAGE TRADES AS REQUIRED PRIOR TO REMOVAL.



GENERAL NOTES

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

SHEET NOTES

1. EXISTING LIGHTING AND DEVICES (LABELED AND SHOWN AS EX) TO REMAIN. RETAIN CIRCUIT TO RECONNECT TO NEW PANEL(S) ONCE INSTALLED.
2. EXISTING MECHANICAL UNIT TO BE DISCONNECTED. REMOVE EXISTING WIRING COMPLETE BACK TO SOURCE.
3. RETAIN EXISTING HAND DRYER(S) FOR RE-USE. REMOVE EXISTING BRANCH CIRCUIT COMPLETE BACK TO SOURCE OR NEXT REMAINING DEVICE. REFER TO NEW WORK PLAN FOR ADDITIONAL INFORMATION REGARDING NEW CIRCUITING.



GIBRALTAR
DESIGN

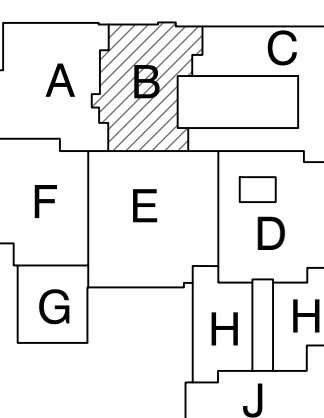
ARCHITECTURE • ENGINEERING • INTERIOR DESIGN



MILLIES
ENGINEERING GROUP
979.924.8400
www.milliesengineeringgroup.com

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

DUNELAND SCHOOL CORPORATION
CHESTERTON, INDIANA

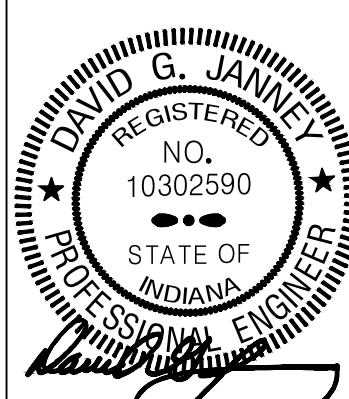


KEY PLAN

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
MS
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.

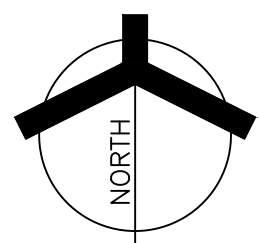
REVISIONS		
MARK	DATE	ISSUED FOR
AD-1	05/05/22	ADDENDUM NO. 1
AD-4	05/18/22	ADDENDUM NO. 4

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

PROJECT
**LIBERTY IS -
ADDITIONS & RENOVATIONS**

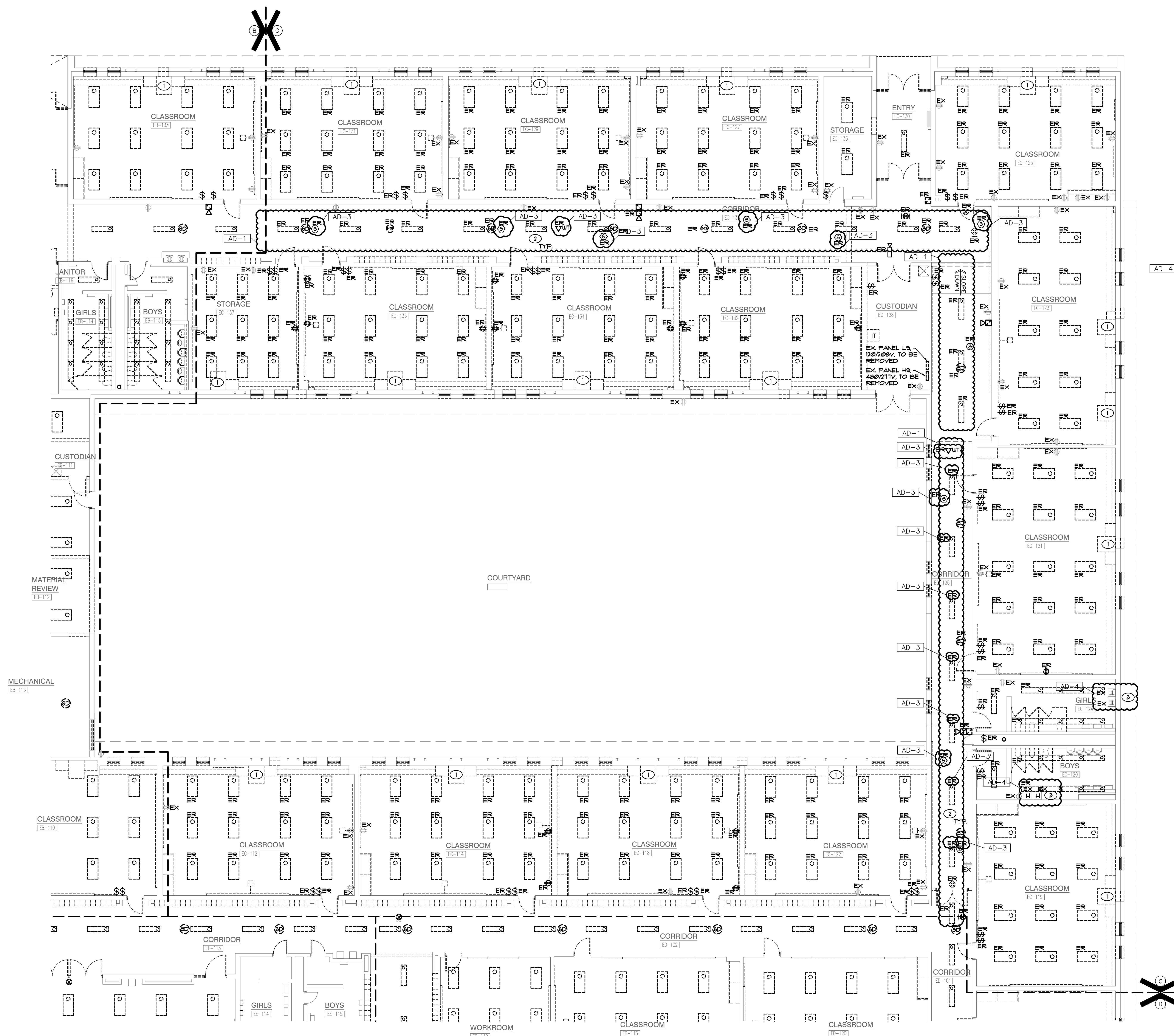
GIBRALTAR DESIGN SHEET
B ED102

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

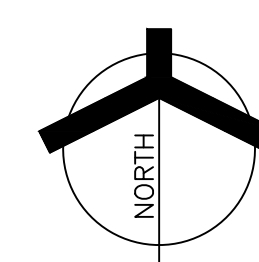




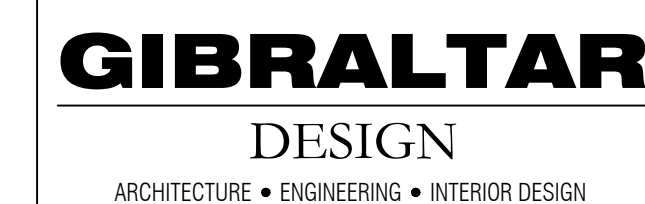
1. MECHANICAL EQUIPMENT TO BE DEMOLISHED, REMOVE ASSOCIATED ELECTRICAL CONNECTIONS (WIRING, CONDUIT, ETC. BACK TO SOURCE PANEL, COMPLETE AS REQUIRED.
2. EXISTING LIGHTING AND DEVICES (LABELED AND SHOWN AS EX) TO REMAIN, RETAIN CIRCUIT TO RECONNECT TO NEW PANEL(S) ONCE INSTALLED.
3. RETAIN EXISTING HAND DRYER(S) FOR RE-USE. REMOVE EXISTING BRANCH CIRCUIT COMPLETE BACK TO SOURCE OR NEXT REMAINING PANEL. REFERS TO NEW PLAN FOR ADDITIONAL INFORMATION REGARDING NEW CIRCUITING.



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



FD103

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

PROJECT
21-139

DATE 04/25/20

04/25/2
COORDINATED

COORDINATED
JC

DRAWN BY

MS
CHECKED 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 INFORMATION AND REFERENCE IN CONNECTION ONLY WITH THIS PROJECT.

[illegible]

DRAWING
UNIT "E" ELECTRICAL
FIRST FLOOR DEMOLITION
PLAN

PROJECT
LIBERTY IS -
ADDITIONS & RENOVATIONS

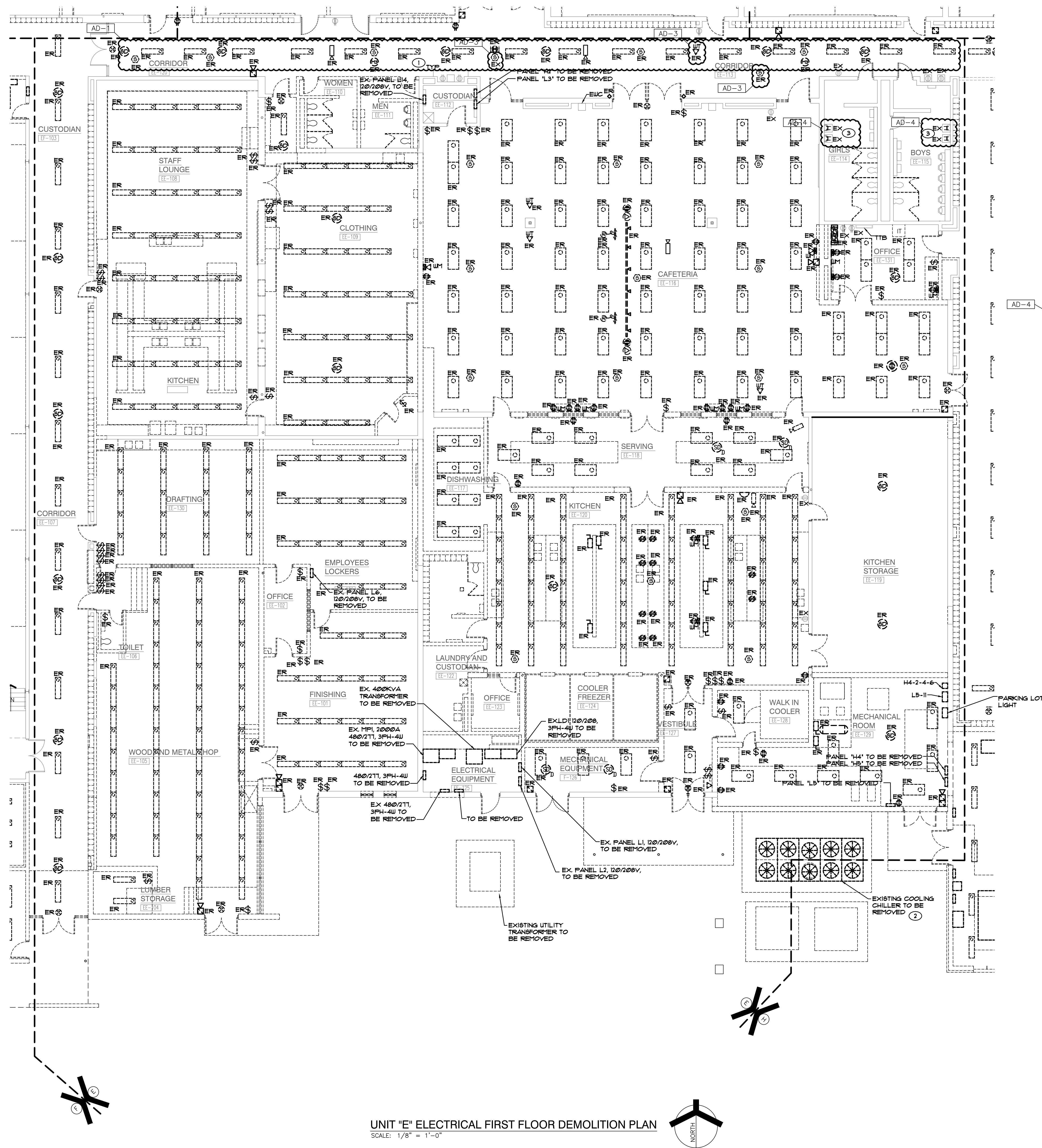
© GIBBARTAS DESIGN

SHEET

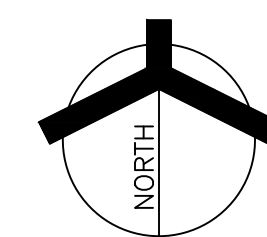
E

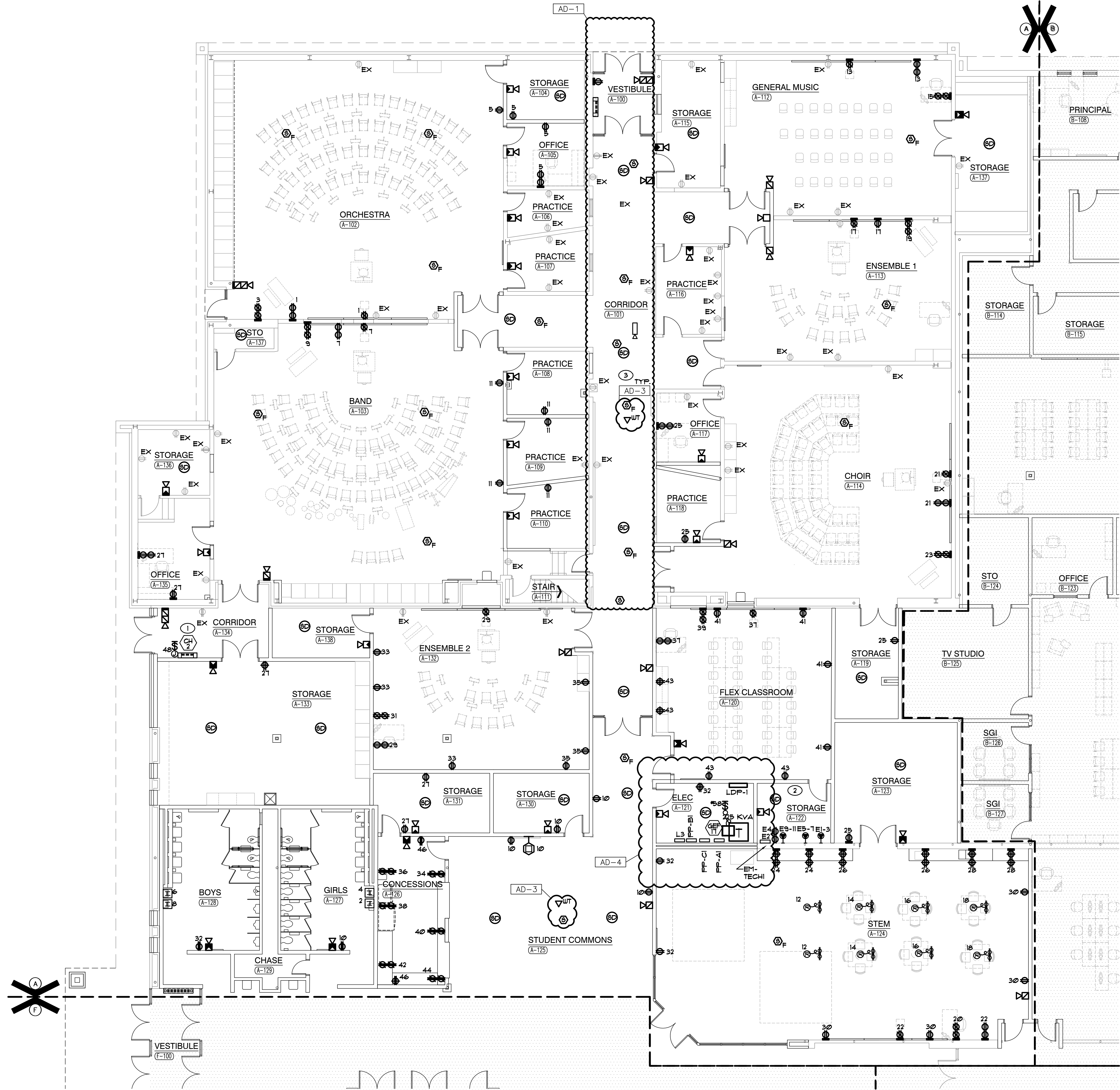
ED105

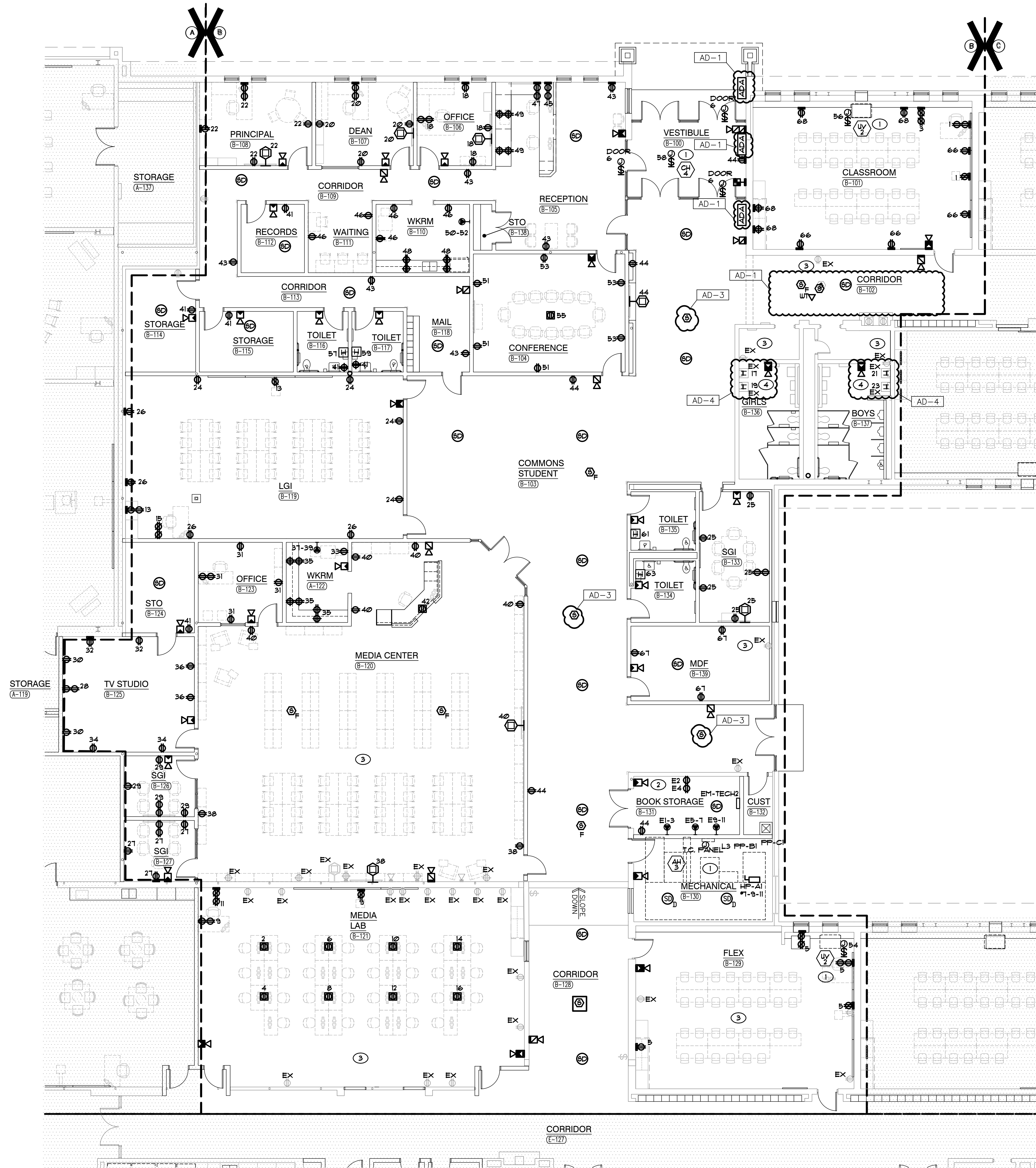
Copyright © 2005 Miller Engineering Co.



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







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

GENERAL NOTES

1. CIRCUIT ALL DEVICES TO PANEL PP-B1 UNLESS OTHERWISE NOTED.
2. REFER TO LOW VOLTAGE 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 DYN, 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 E1-TECH1.

SHEET NOTES

1. 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 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 #2 AND 1 #2 GND IN 3" CONDUIT COMPLETE AS REQUIRED. VERIFY CONDITIONS AND REQUIREMENTS IN FIELD.
4. INSTALL EXISTING HAND DRYER(S) ORIGINALLY RETAINED DURING DEMOLITION. PROVIDE NEW CIRCUIT AS INDICATED.



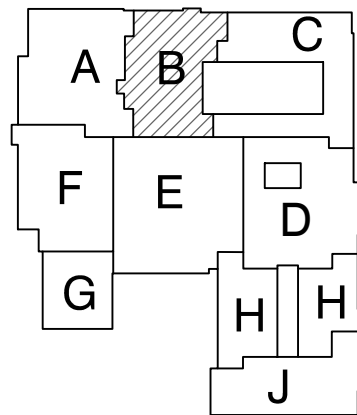
GIBRALTAR
DESIGN

ARCHITECTURE • ENGINEERING • INTERIOR DESIGN

MILLIES
ENGINEERING GROUP
1991 924-8400
www.milliesengineeringgroup.com

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

DUNELAND SCHOOL CORPORATION
CHESTERTON, INDIANA

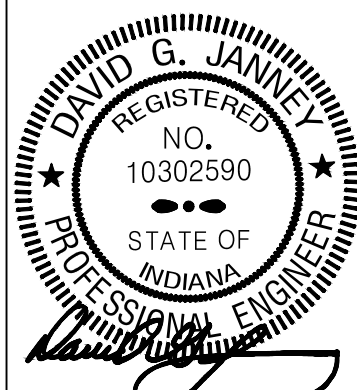


KEY PLAN

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
MS
CHECKED BY
DJ



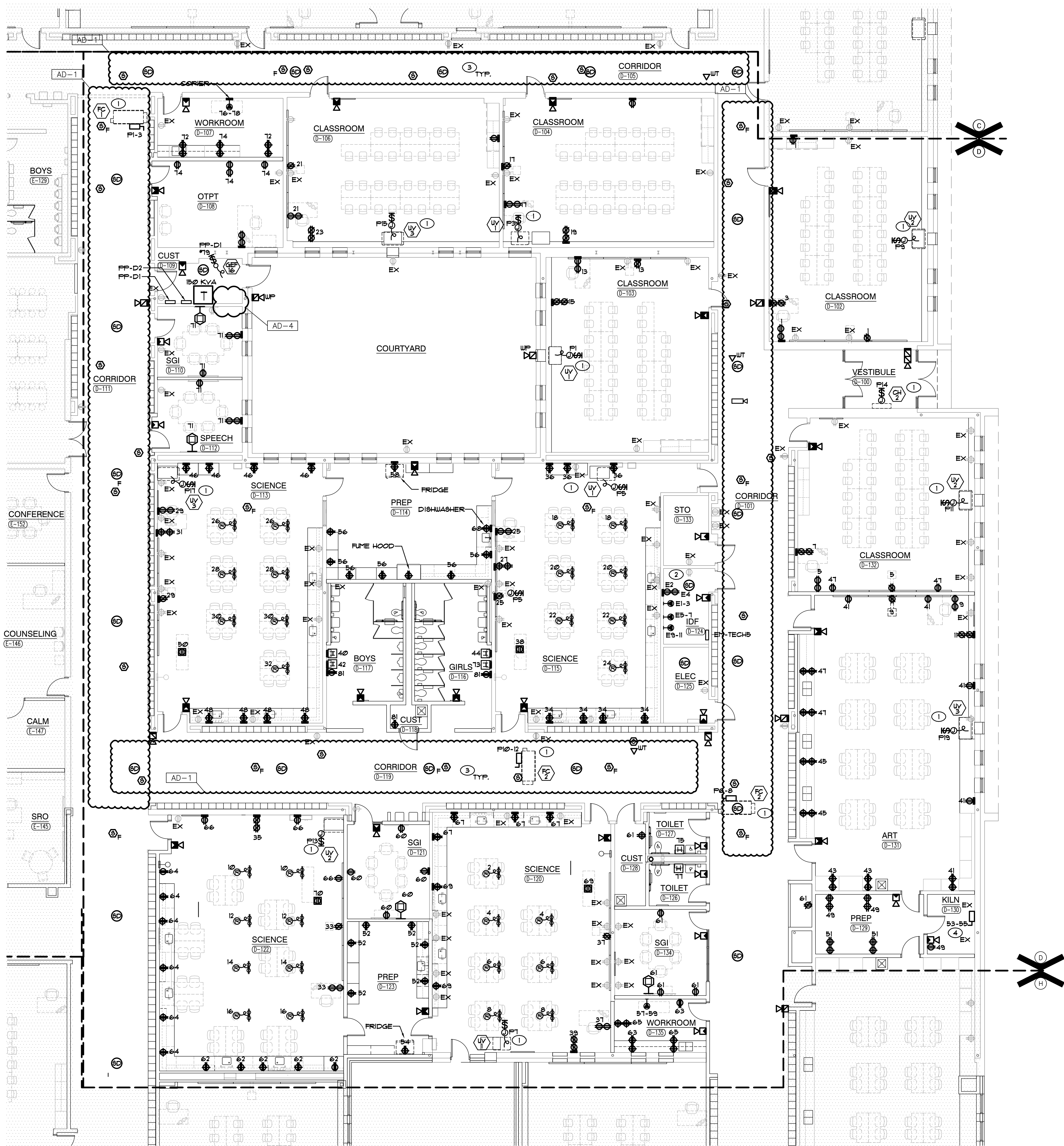
COPYRIGHT NOTICE:
THE CONCEPTS, DESIGNS, PLANS, DETAILS, ETC., SHOWN ON THIS DOCUMENT ARE THE PROPERTY OF GIBRALTAR DESIGN AND WERE CREATED FOR USE ON THIS SPECIFIC PROJECT. NONE OF THIS INFORMATION SHALL BE USED BY ANY PERSON OR FIRM FOR ANY PURPOSE WITHOUT THE EXPRESS WRITTEN CONSENT OF GIBRALTAR DESIGN.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

REVISIONS		
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

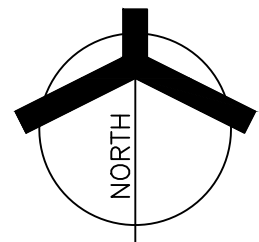
DRAWING
**UNIT "B" ELECTRICAL
FIRST FLOOR POWER
PLAN**

PROJECT
**LIBERTY IS -
ADDITIONS & RENOVATIONS**

© GIBRALTAR DESIGN SHEET
B EP102



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



GENERAL NOTES

1. CIRCUIT ALL DEVICES TO PANEL PP-D1 UNLESS OTHERWISE NOTED. DEVICES AND EQUIPMENT CIRCUIT TAGS WITH A 'P' PREFIX SHALL BE CONNECTED TO PP-D2.
2. REFER TO LOW VOLTAGE 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-TECH1.

SHEET NOTES

1. 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 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 #2 AND 1 #2 GND 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.

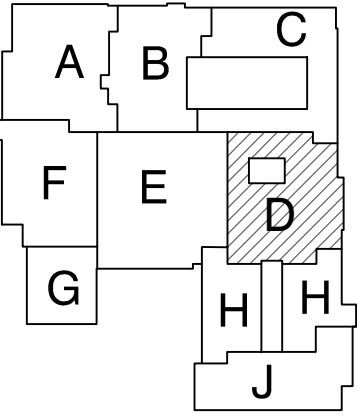


GIBRALTAR
DESIGN
ARCHITECTURE • ENGINEERING • INTERIOR DESIGN



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

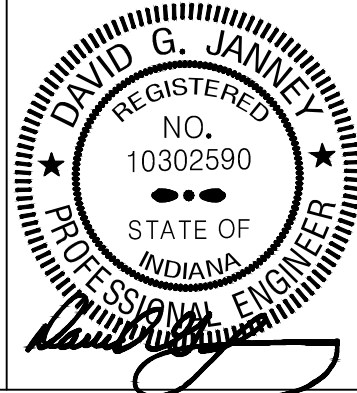
DUNELAND SCHOOL CORPORATION
CHESTERTON, INDIANA



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
MS
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.

REVISIONS		
MARK	DATE	ISSUED FOR
AD-1	05/05/22	ADDENDUM NO. 1
AD-4	05/18/22	ADDENDUM NO. 4

DRAWING
**UNIT "D" ELECTRICAL
FIRST FLOOR POWER
PLAN**

PROJECT
**LIBERTY IS -
ADDITIONS & RENOVATIONS**

© GIBRALTAR DESIGN SHEET
D EP104

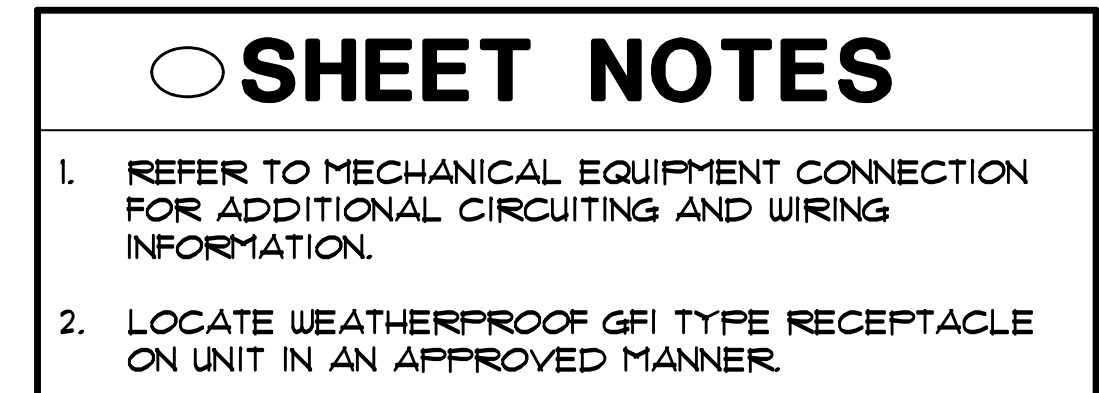


1. REFER TO MECHANICAL EQUIPMENT CONNECTION SCHEDULE FOR ELECTRICAL CIRCUITING AND WIRING REQUIREMENTS.
2. RECONNECT EXISTING RECEPTACLES TO NEW NORMAL POWER BRANCH CIRCUITRY IN NEW PANELS INSTALLED COMPLETE AS REQUIRED. MAXIMUM 1400V FOR 120/240V CIRCUITS. VERIFY WIRING NECESSARY, DUE TO LIMITATIONS IN THE EXISTING BRANCH CIRCUITRY, THIS CONTRACTOR SHALL FURNISH AND INSTALL 20A-1 POLE CIRCUIT BREAKERS AS REQUIRED IN NEW PANEL AND EXTEND 2 #2 AND 1 #2 GRD IN 3" CONDUIT COMPLETE AS REQUIRED. VERIFY CONDITIONS AND REQUIREMENTS IN FIELD.



Copyright © 2022 Miller

Copyright © 2022 Miller



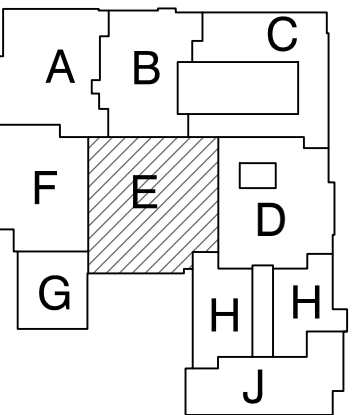
GIBRALTAR

DESIGN

ARCHITECTURE • ENGINEERING • INTERIOR DESIGN

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

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
MS
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.

[illegible]

DRAWING
UNIT "E" ELECTRICAL
POWER ROOF PLAN

PROJECT
LIBERTY IS -
ADDITIONS & RENOVATIONS

GIBRALTAR DESIGN E	SHEET EP305
------------------------------	-----------------------

DESIGN
ARCHITECTURE • ENGINEERING • INTERIOR DESIGN



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

LIBERTY
INTERMEDIATE
SCHOOL -
ADDITIONS &
RENOVATIONS

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 MS CHECKED BY D.I	
--	---

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.

REVISIONS		
MARK	DATE	ISSUED FOR
AD-4	05/18/22	ADDENDUM NO. 4

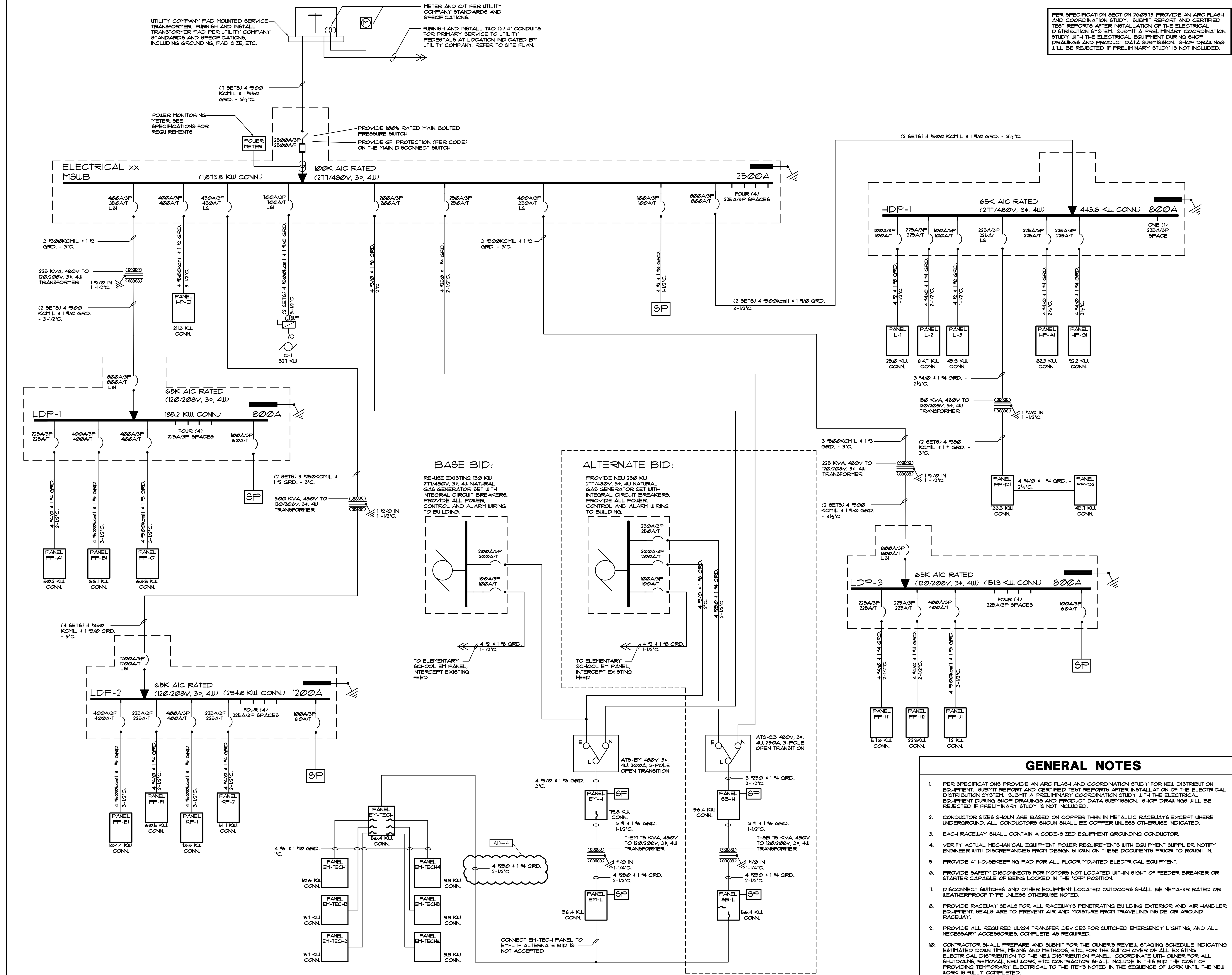
[illegible]

DRAWING
ELECTRICAL ONE-LINE
DIAGRAM

PROJECT
LIBERTY IS -
ADDITIONS & RENOVATIONS

© GIBBALTAS DESIGN	SHEET
--------------------	-------

E-502

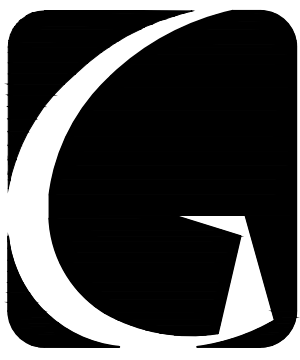


EXTERIOR LIGHTING LUMINAIRE SCHEDULE							
TAG	SYMBOL	DESCRIPTION	MANUFACTURER SERIES OR CATALOG NUMBER	VOLTAGE / BALLAST	LAMPS/CROSS SECTION	MOUNTING	REMARKS
EA		EXTERIOR LED FIXTURE MOUNTED ON A STRAIGHT, SQUARE ALUMINUM POLE	LITHONIA D8X2 LED-P2-40K-T3M-XVOLT-8PA-XX HUBBELL "R"R SERIES OR APPROVED EQUAL	277 VOLT	LED 4000K MIN 2336BLM MAX 189W	POLE MTD 28'-0" AFG	
EF		EXTERIOR LED DUAL-HEAD FIXTURE MOUNTED ON A STRAIGHT, SQUARE ALUMINUM POLE	LITHONIA D8X2 LED-P3-40K-T4T1-XVOLT-8PA-XX HUBBELL "R"R SERIES OR APPROVED EQUAL	277 VOLT	LED 4000K MIN1265TLM MAX 434W PER FIXTURE	POLE MTD 28'-0" AFG	
EFI		EXTERIOR LED FIXTURE MOUNTED ON A STRAIGHT, SQUARE ALUMINUM POLE	LITHONIA D8X2 LED-P3-40K-T4T1-XVOLT-8PA-XX HUBBELL "R"R SERIES OR APPROVED EQUAL	277 VOLT	LED 4000K MIN1265TLM MAX 217W PER FIXTURE	POLE MTD 28'-0" AFG	
EG		EXTERIOR LED FIXTURE MOUNTED ON A STRAIGHT, SQUARE ALUMINUM POLE	LITHONIA D8X2 LED-P4-40K-T4T1-XVOLT-8PA-XX HUBBELL "R"R SERIES OR APPROVED EQUAL	277 VOLT	LED 4000K MIN 3168BLM MAX 212W	POLE MTD 28'-0" AFG	
ED		EXTERIOR LED FIXTURE MOUNTED ON A STRAIGHT, SQUARE ALUMINUM POLE	LITHONIA D8X2 LED-P2-40K-T3M-XVOLT-8PA-XX HUBBELL "R"R SERIES OR APPROVED EQUAL	277 VOLT	LED 4000K MIN 2336BLM MAX 189W	POLE MTD 28'-0" AFG	-VERIFY FINISH WITH ARCHITECT.
EDI		EXTERIOR LED WALL MOUNTED 91TE LIGHT FIXTURE	LITHONIA D8X1 LED-P2-40K-T3M-XVOLT-WBA-XX HUBBELL "R"R SERIES OR APPROVED EQUAL	277 VOLT	LED 4000K MIN 2336BLM MAX 189W	WALL MTD 12'-0" AFG	-VERIFY FINISH WITH ARCHITECT.
EB		EXTERIOR LED WALL MOUNTED LIGHT FIXTURE	LITHONIA W8T-P3-40K-VF-277-XX OR APPROVED EQUAL HUBBELL "TRP" SERIES MCGRAW HISS SERIES	277 VOLT	LED 4000K MAX 53W	WALL MTD ABV. DOOR OR AS NOTED	-VERIFY FINISH WITH ARCHITECT.
EBI		EXTERIOR LED WALL MOUNTED LIGHT FIXTURE	LITHONIA W8T-P1-40K-VF-277-XX OR APPROVED EQUAL HUBBELL "TRP" SERIES MCGRAW HISS SERIES	277 VOLT	LED 4000K MAX 20W	WALL MTD ABV. DOOR OR AS NOTED	-VERIFY FINISH WITH ARCHITECT.
EC		LED 6' DOWNLIGHT WITH TRIM FINISH TO BE SELECTED BY ARCHITECT	LITHONIA "LDN6-50-15-L06-XX-L88-MVOLT-EZ1 LITESTRY" LTR-6RD-H-8L8L8L-DM1-LTR-6RD-T-8L -400K-YD-5 HALO "4C6SD102 / H1612850 / 61MDHUF	277 VOLT	LED 4000K MAX 18W MIN 5000LM	RECESSED CANOPY MOUNTED	-VERIFY TRIM FINISH WITH ARCHITECT

LIGHTING FIXTURE GENERAL NOTES

1. INTERIOR FIXTURES, EXTERIOR FIXTURES AND POLE FINISHES AND COLORS TO BE SELECTED BY ARCHITECT. THE ARCHITECT MAY, AT THEIR DISCRETION, CHOOSE A CUSTOM COLOR AT NO ADDITIONAL CHARGE.
2. PENDANT FIXTURES SPECIFIED ON THIS PROJECT SHALL BE CAREFULLY COORDINATED WITH CONTRACT DOCUMENTS AND FIXTURE MANUFACTURER AS EACH PENDANT FIXTURE IS A CUSTOM MANUFACTURED FIXTURE. PROVIDE PENDING EMERGENCY SECTIONS AND EMERGENCY CIRCUITS AS SHOWN. COORDINATE WITH FIXTURE MANUFACTURERS 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 DRAWINGS 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 DESIGNED TO SUPPORT UP TO 100 MHS. WITH A MINIMUM POLE SIZE TO BE 6" 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 TREPASS 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 GYPSON CEILINGS. VERIFY CEILING REQUIREMENTS WITH FINAL ARCHITECTURAL REFLECTED CEILING PLAN.
7. VERIFY FIXTURE MOUNTING HEIGHTS WITH ARCHITECT PRIOR TO ROUGH-IN.
8. FOR FIXTURES INSTALLED IN CASEWORK, VERIFY FIXTURE FIT WITH CASEWORK SHOP DRAWINGS PRIOR TO ORDERING.
9. PROVIDE CUSTOM ANTI-SWAY BRACING FOR PENDANT TO ELIMINATE PENDANT MOVEMENT DUE TO AIR MOVEMENT OR ENVIRONMENTAL CAUSES.
10. COORDINATE LOCATIONS OF INTERIOR AND EXTERIOR LIGHTING FIXTURES WITH FINAL ARCHITECTURAL DRAWINGS. FIXTURES THAT ARE NOT INSTALLED IN THE CORRECT LOCATION SHALL BE RELOCATED AND REINSTALLED IN THE CORRECT LOCATION AT NO ADDITIONAL CHARGE.
11. FIXTURES SHALL BE PROVIDED WITH ESCUTCHEON PLATES AS REQUIRED TO COVER EXISTING HOLES FROM REMOVED FIXTURES. CANOPY CEILING AROUND NEW FIXTURES SHALL BE REFINISHED TO MATCH EXISTING SURROUNDING CANOPY CEILING SURFACES.
12. PROVIDE 5000K COLOR TEMPERATURE IN SPECIAL EDUCATION SPACES AS SPECIFIED.
13. FIXTURES SHALL BE CAREFULLY COORDINATED WITH MANUFACTURER TO DELIVER THE SPECIFIED PRODUCT IN SUFFICIENT TIME TO MEET PROJECT DEADLINES. EQUIPMENT DELIVERY LEAD TIME SHALL NOT BE HELD AS A VALID REASON FOR REQUESTING LUMINAIRE SUBSTITUTION UNLESS LUMINAIRE LEAD TIME FROM SPECIFIED MANUFACTURER IS IN EXCESS OF 14 WEEKS. IT SHALL BE THE SOLE RESPONSIBILITY OF THE ELECTRICAL CONTRACTOR TO DETERMINE NECESSARY EQUIPMENT LEAD TIMES, DELIVER SUBMITTALS FOR REVIEW IN A TIMELY FASHION, AND PLACE ORDERS ACCORDINGLY TO ENSURE TIMELY DELIVERY.
14. EVALUATION OF APPROVED EQUALS SHALL BE AT THE SOLE DISCRETION OF THE ARCHITECT AND ENGINEER. IF THE PRODUCT SUBMITTED DURING THE REVIEW PROCESS IS NOT JUDGED AS AN EQUAL BY THE REVIEWING ENGINEER, THE CONTRACTOR SHALL PROVIDE THE PRODUCT SPECIFIED.
15. CAREFULLY COORDINATE VOLTAGES OF FIXTURES PRIOR TO ORDERING FIXTURES.
16. APPROVED EQUALS WILL BE CONSIDERED FROM THE FOLLOWING VENDORS: KSA LIGHTING (630)321-6555; FORCE CHICAGO (312)386-1515; OR PG ENLIGHTEN (847)228-1993.
17. CAREFULLY VERIFY COLOR TEMPERATURE OF FIXTURES WITH ARCHITECT PRIOR TO ORDERING.

INTERIOR LIGHTING LUMINAIRE SCHEDULE							
TAG	SYMBOL	DESCRIPTION	MANUFACTURER SERIES OR CATALOG NUMBER	VOLTAGE/ BALLAST	LAMPS/CROSS SECTION	MOUNTING	REMARKS
AA		2' X 4' LED DIRECT/INDIRECT FIXTURE	LITHONIA ®BLT4-60L-ADP-EZI-LF840 METALUX ®CRUZE SERIES COLUMBIA ®CAT SERIES	120/211 VOLT 0-10V DIM -	LED 4000K MAX 48 W MIN 6000 LM	RECESSED LAY-IN	- - -
AA1		2' X 4' LED DIRECT/INDIRECT FIXTURE	LITHONIA ®BLT4-48L-ADP-EZI-LF840 METALUX ®CRUZE SERIES COLUMBIA ®CAT SERIES	120/211 VOLT 0-10V DIM -	LED 4000K MAX 38 W MIN 4800 LM	RECESSED LAY-IN	- - -
AA2		2' X 4' LED DIRECT/INDIRECT FIXTURE	LITHONIA ®BLT4-40L-ADP-EZI-LF840 METALUX ®CRUZE SERIES COLUMBIA ®CAT SERIES	120/211 VOLT 0-10V DIM -	LED 4000K MAX 32 W MIN 4000 LM	RECESSED LAY-IN	- - -
AA3		2' X 4' LED DIRECT/INDIRECT FIXTURE	LITHONIA ®BLT4-48L-ADP-EZI-LF850 METALUX ®CRUZE SERIES COLUMBIA ®CAT SERIES	120/211 VOLT 0-10V DIM -	LED 5000K MAX 38 W MIN 4800 LM	RECESSED LAY-IN	- - -
AA4		2' X 4' LED DIRECT/INDIRECT FIXTURE	LITHONIA ®BLT4-72L-ADP-EZI-LF840 METALUX ®CRUZE SERIES COLUMBIA ®CAT SERIES	120/211 VOLT 0-10V DIM -	LED 4000K CRI +85 MIN 7200 LM	RECESSED LAY-IN	- - -
AA5		2' X 4' LED DIRECT/INDIRECT FIXTURE	LITHONIA ®BLT4-88L-ADP-EZI-LF840 METALUX ®CRUZE SERIES COLUMBIA ®CAT SERIES	120/211 VOLT 0-10V DIM -	LED 4000K CRI +85 MIN 8500 LM	RECESSED LAY-IN	- - -
AB		2' X 2' LED DIRECT/INDIRECT FIXTURE	LITHONIA ®BLT2-48L-ADP-EZI-LF840 METALUX ®CRUZE SERIES COLUMBIA ®CAT SERIES	120/211 VOLT 0-10V DIM -	LED 4000K CRI +85 MIN 4800 LM	RECESSED LAY-IN	- - -
AB1		2' X 2' LED DIRECT/INDIRECT FIXTURE	LITHONIA ®BLT2-60L-ADP-EZI-LF840 METALUX ®CRUZE SERIES COLUMBIA ®CAT SERIES	120/211 VOLT 0-10V DIM -	LED 4000K CRI +85 MIN 6000 LM	RECESSED LAY-IN	- - -
AB2		2' X 2' LED DIRECT/INDIRECT FIXTURE	LITHONIA ®BLT2-70L-ADP-EZI-LF840 METALUX ®CRUZE SERIES COLUMBIA ®CAT SERIES	120/211 VOLT 0-10V DIM -	LED 4000K CRI +85 MIN 7000 LM	RECESSED LAY-IN	- - -
AC		2' X 4' LED LENSED KITCHEN TROFFER FIXTURE WITH INVERTED LENS AND TRIPLE GASKETING	LITHONIA ®GTL4-88L-RW-A9INV-MVOLT-8LD- LFB40-ABC COLUMBIA ®JT74-40XL-G-FSA9INV-EDI-U-G3 METALUX ®24GR SERIES	120/211 VOLT BI-LEVEL SWITCHING	LED 4000K CRI +85 MIN 8800 LM	RECESSED LAY-IN	-INVERTED LENS AND TRIPLE GASKETING
AC1		2' X 4' LED LENSED KITCHEN TROFFER FIXTURE WITH INVERTED LENS AND TRIPLE GASKETING	LITHONIA ®GTL4-60L-RW-A9INV-MVOLT-8LD- LFB40-ABC COLUMBIA ®JT74 SERIES	120/211 VOLT BI-LEVEL SWITCHING	LED 4000K CRI +85 MIN 6000 LM	RECESSED LAY-IN	-INVERTED LENS AND TRIPLE GASKETING
AC2		2' X 4' LED LENSED KITCHEN TROFFER FIXTURE WITH INVERTED LENS AND TRIPLE GASKETING	LITHONIA ®GTL4-100L-RW-A9INV-MVOLT-8LD- LFB40-ABC COLUMBIA ®JT74 SERIES METALUX ®24GR SERIES	120/211 VOLT BI-LEVEL SWITCHING	LED 4000K CRI +85 MIN 10000LM	RECESSED LAY-IN	-INVERTED LENS AND TRIPLE GASKETING
AD		1' X 4' LED DIRECT/INDIRECT FIXTURE	LITHONIA ®BLT4-40L-ADP-EZI-LF840 METALUX ®CRUZE SERIES COLUMBIA ®CAT SERIES	120/211 VOLT 0-10V DIM -	LED 4000K MAX 38 W MIN 4000 LM	RECESSED LAY-IN	-
CA		6" DIAMETER LED DOWNLIGHT WITH SEMI-SPECULAR ALZAK REFLECTOR, IRIDESCENT FREE FINISH, 4 WHITE FLANGE	LITHONIA ®LDN6-40-B-L06-AR-L66-MVOLT- EZIO-XX LITESTRY ®LTR-6RD-H-SL-DH01 / LTR-6RD-T-SL-40K-8-MD-55-UT-B24 PORTFOLIO ®D6B SERIES	120/211 VOLT 0-10V DIM -	LED 4000K MAX 18 W MIN 1800 LM	RECESSED LAY-IN/ DRYWALL	-VERIFY TRIM FINISH WITH ARCHITECT
CB		4" DIAMETER LED SHOWER DOWNLIGHT	GOTHAM ®EVO48H-40/10-DFF-5MO-MVOLT-EZIO LITESTRY ®LTR-4RD-H-SL-DH01 / LTR-4RD-T-SL-40K-8-NR-55-UT-B24 OR APPROVED EQUAL	120/211 VOLT 0-10V DIM -	LED 4000K MAX 9 W MIN 1000 LM	RECESSED LAY-IN/ DRYWALL	-VERIFY TRIM FINISH WITH ARCHITECT -IET LOCATION
FA		LINEAR LED FIXTURE FOR DISPLAY CASE WITH 45 DEG. EXTRUSION AND CONTINUOUS LENGTHS AS SHOWN	OPTIC ARTS ®LT12-HO-4IK-X-X-X-X-X Q-TRAN ®U24-5-Z-DRT-40K / VEVE-FR OR APPROVED EQUAL PROVIDE WITH POWER SUPPLIES AND ALL ACCESSORIES AS REQUIRED	120/211 VOLT 0-10V DIM -	LED 4000K MAX 45W/FT MIN 440 L/FT	SURFACE -	-VERIFY FINISH WITH ARCHITECT -COORDINATE MOUNTING WITH CASEWORK
FA		4' LED INDUSTRIAL FIXTURE WITH WIREGUARD AND SAFETY CHAINS	LITHONIA ®CLX-L48-1000LM-8EF-FDL-MVOLT- GZ10-40K-80CRI-XX-XX COLUMBIA ®MF8-4-40VL-F-U-EDI / MF80G4 / CH485G3-KIT METALUX ®NLED SERIES	120/211 VOLT 0-10V DIM -	LED 4000K MAX 49W MIN 1000 LM	Y" CHAIN SUSPEND	-COORD LOCATIONS WITH DUCTWORK & PIPING
FA1		4' LED INDUSTRIAL FIXTURE WITH WIREGUARD AND SAFETY CHAINS	LITHONIA ®CLX-L48-1000LM-8EF-FDL-MVOLT- GZ10-40K-80CRI-XX-XX COLUMBIA ®MF8-4-40VL-F-U-EDI / MF80G4 / CH485G3-KIT METALUX ®NLED SERIES	120/211 VOLT 0-10V DIM -	LED 4000K MAX 49W MIN 1000LM	Y" CHAIN SUSPEND	-COORD LOCATIONS WITH DUCTWORK & PIPING
PB		LED HIGH BAY FIXTURE WITH WIREGUARD AND SAFETY CABLE	LITHONIA ®BG-36L-8EF-AFL-GND-MVOLT-GZ10- 40K-80CRI-UGX-XX-XX COLUMBIA ®EL4 SERIES METALUX ®CHB SERIES	120/211 VOLT 0-10V DIM -	LED 4000K CRI +85 MIN 36000 LM	CABLE MTD 6" ABOVE BOTTOM OF STRUCTURE	-PROVIDE WIREGUARD AND SAFETY CABLE -
PB1		LED HIGH BAY FIXTURE WITH WIREGUARD AND SAFETY					



GIBALTAR

DESIGN

ARCHITECTURE • ENGINEERING • INTERIOR DESIGN



MILLIES

ENGINEERING GROUP
8791 9244000
www.milliesengineeringgroup.com

PROJECT

**LIBERTY
INTERMEDIATE
SCHOOL -
ADDITIONS &
RENOVATIONS**

DUNELAND SCHOOL CORPORATION
CHESTERTON, INDIANA

GIBALTAR DESIGN

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

PROJECT

21-139

DATE

04/25/22

COORDINATED BY

JC

DRAWN BY

MS

CHECKED BY

DJ

NO. 10302590

STATE OF INDIANA

REGISTERED PROFESSIONAL ENGINEER

DAVID G. JANNEY

REVISIONS

MARK DATE ISSUED FOR

AD-4 05/18/22 ADDENDUM NO. 4



MECHANICAL EQUIPMENT CONNECTION SCHEDULE

	TAG	DESCRIPTION	LOAD				MOCP	VOLT	PHASE	PANEL	CKT. NO.	FUSED SWITCH C/B	FEEDER		STARTER BY:		LOCATION	REMARKS	
			WATTS	HP	MCA	FLA							AMPS	CABLE	C	MC			
																EC			
AD-4	C-1	ROOF MOUNTED AIR COOLED CHILLER	526474	-	634	-	-	100	480	3	MSUB	MSUB	100A/3P	3 SETS) 4 #20KCHIL 4 1 #10 GRD	3/4"	X	-	-	-
	B-3	GAS FIRED HU CONDENSING BOILER w/SEALED COMBUSTION	4982	-	6	-	-	15	480	3	FP-EI	#11-19	30A/2P	3 #10 4 1 #10 GRD.	3/4"	X	-	-	-
	AH-1	INTERIOR CENTRAL STATION AIR HANDLING UNIT	29820	-	35.91	-	-	50	480	3	HP-AI	#1-3-5	50A/3P	4 #8 4 1 #10 GRD.	3/4"	X	-	-	-
	ER-1	HOT WATER HEATING / CHILLED WATER COOLING - VAV	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	AH-2	INTERIOR CENTRAL STATION AIR HANDLING UNIT	22504	-	27.1	-	-	40	480	3	HP-AI	#2-4-6	40A/3P	4 #8 4 1 #10 GRD.	3/4"	X	-	-	-
	ER-2	HOT WATER HEATING / CHILLED WATER COOLING - VAV	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	AH-3	INTERIOR CENTRAL STATION AIR HANDLING UNIT	29811	-	35.9	-	-	50	480	3	HP-AI	#1-9-11	50A/3P	4 #8 4 1 #10 GRD.	3/4"	X	-	-	-
	ER-3	HOT WATER HEATING / CHILLED WATER COOLING - VAV	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	AH-4	INTERIOR CENTRAL STATION AIR HANDLING UNIT	39652	-	47.15	-	-	70	480	3	HP-GI	#1-3-5	70A/3P	4 #4 4 1 #10 GRD.	1"	X	-	-	-
	ER-4	HOT WATER HEATING / CHILLED WATER COOLING - SZVAV	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	AH-5	INTERIOR CENTRAL STATION AIR HANDLING UNIT	29820	-	35.91	-	-	50	480	3	HP-GI	#1-9-11	50A/3P	4 #8 4 1 #10 GRD.	3/4"	X	-	-	-
	ER-5	HOT WATER HEATING / CHILLED WATER COOLING - SZVAV	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	AH-6	INTERIOR CENTRAL STATION AIR HANDLING UNIT	22504	-	27.1	-	-	40	480	3	HP-GI	#2-4-6	40A/3P	4 #8 4 1 #10 GRD.	3/4"	X	-	-	-
	ER-6	HOT WATER HEATING / CHILLED WATER COOLING - VAV	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	RT-1	ROOF MOUNTED GAS FIRED / DX COOLING ROOFTOP UNIT	182688	-	220	-	-	250	480	3	MSUB	MSUB	250A/3P	4 #250KCHIL 4 1 #4 GRD.	2 1/2"	X	-	-	-
	RT-2	ROOF MOUNTED GAS FIRED / DX COOLING ROOFTOP UNIT	29894	-	36	-	-	45	480	3	HP-EI	#31-33-35	45A/3P	4 #8 4 1 #10 GRD.	3/4"	X	-	-	-
	UV-1	VERTICAL UNIT VENTILATOR - 4 PIPE HOT/CHILLED WATER	1176	0.50	-	-	-	-	120	1	VARIES	VARIES	20A/1P	2 #12 4 1 #12 GRD.	3/4"				
	UV-2	VERTICAL UNIT VENTILATOR - 4 PIPE HOT/CHILLED WATER	1656	0.75	-	-	-	-	120	1	VARIES	VARIES	25A/1P	2 #10 4 1 #10 GRD.	3/4"				
	UV-3	VERTICAL UNIT VENTILATOR - 4 PIPE HOT/CHILLED WATER	1656	0.75	-	-	-	-	120	1	VARIES	VARIES	25A/1P	2 #10 4 1 #10 GRD.	3/4"				
	FC-1	HORIZONTAL CONCEALED CEILING MOUNTED FAN COIL	2009	-	9.66	-	-	15	208	1	VARIES	VARIES	15A/2P	3 #12 4 1 #12 GRD.	3/4"	X	-	-	-
	FC-2	HORIZONTAL CONCEALED CEILING MOUNTED FAN COIL	438	-	3.65	-	-	15	120	1	VARIES	VARIES	15A/2P	3 #12 4 1 #12 GRD.	3/4"	X	-	-	-
CH-1	VERTICAL RECESSED MOUNTED CABINET HEATER	330	-	2.75	-	-	15	120	1	VARIES	VARIES	20A/1P	2 #12 4 1 #12 GRD.	3/4"		-	-	-	
CH-2	VERTICAL SURFACE MOUNTED CABINET HEATER	330	-	2.75	-	-	15	120	1	VARIES	VARIES	20A/1P	2 #12 4 1 #12 GRD.	3/4"		-	-	-	
CH-3	VERTICAL SURFACE MOUNTED CABINET HEATER	466	-	3.88	-	-	15	120	1	VARIES	VARIES	20A/1P	2 #12 4 1 #12 GRD.	3/4"		-	-	-	
CH-4	HORIZONTAL CEILING MOUNTED CABINET HEATER	728	-	6.07	-	-	15	120	1	VARIES	VARIES	20A/1P	2 #12 4 1 #12 GRD.	3/4"		-	-	-	
AD-4	TEF-1	ROOF MOUNTED TOILET EXHAUST FAN	1920	1.00	-	-	-	120	1	FP-AI	#54	30A/1P	2 #10 4 1 #10 GRD.	3/4"	X	-	-	-	
	TEF-2	ROOF MOUNTED TOILET EXHAUST FAN	636	0.25	-	-	-	120	1	FP-BI	#62	20A/1P	2 #12 4 1 #12 GRD.	3/4"	X	-	-	-	
	TEF-3	ROOF MOUNTED TOILET EXHAUST FAN	1920	1.00	-	-	-	120	1	FP-D2	#43	30A/1P	2 #10 4 1 #10 GRD.	3/4"	X	-	-	-	
	TEF-4	ROOF MOUNTED TOILET EXHAUST FAN	1920	1.00	-	-	-	120	1	FP-CI	#56	30A/1P	2 #10 4 1 #10 GRD.	3/4"	X	-	-	-	
	TEF-5	ROOF MOUNTED TOILET EXHAUST FAN	1920	1.00	-	-	-	120	1	FP-FI	#52	30A/1P	2 #10 4 1 #10 GRD.	3/4"	X	-	-	-	
	TEF-6	ROOF MOUNTED TOILET EXHAUST FAN	1920	1.00	-	-	-	120	1	FP-FI	#50	30A/1P	2 #10 4 1 #10 GRD.	3/4"	X	-	-	-	
	TEF-7	ROOF MOUNTED TOILET EXHAUST FAN	636	0.25	-	-	-	120	1	FP-FI	#48	20A/1P	2 #12 4 1 #12 GRD.	3/4"	X	-	-	-	
	TEF-8	ROOF MOUNTED TOILET EXHAUST FAN	1920	1.00	-	-	-	120	1	FP-FI	#42	30A/1P	2 #10 4 1 #10 GRD.	3/4"	X	-	-	-	
	TEF-9	ROOF MOUNTED TOILET EXHAUST FAN	1920	1.00	-	-	-	120	1	FP-FI	#44	30A/1P	2 #10 4 1 #10 GRD.	3/4"	X	-	-	-	
	TEF-10	ROOF MOUNTED TOILET EXHAUST FAN	1176	0.50	-	-	-	120	1	FP-D2	#49	20A/1P	2 #12 4 1 #12 GRD.	3/4"	X	-	-	-	
AD-4	TEF-11	CEILING MOUNTED TOILET EXHAUST FAN	636	0.25	-	-	-	120	1	FP-EI	#80	20A/1P	2 #12 4 1 #12 GRD.	3/4"	X	-	-	-	
	TEF-12	ROOF MOUNTED TOILET EXHAUST FAN	1920	1.00	-	-	-	120	1	FP-D2	#45	30A/1P	2 #10 4 1 #10 GRD.	3/4"	X	-	-	-	
	TEF-13	ROOF MOUNTED TOILET EXHAUST FAN	636	0.25	-	-	-	120	1	FP-D2	#8	20A/1P	2 #12 4 1 #12 GRD.	3/4"	X	-	-	-	
	TEF-14	ROOF MOUNTED TOILET EXHAUST FAN	1920	1.00	-	-	-	120	1	FP-D2	ZE	30A/1P	2 #10 4 1 #10 GRD.	3/4"	X	-	-	-	
	TEF-15	ROOF MOUNTED TOILET EXHAUST FAN	636	0.25	-	-	-	120	1	FP-D2	#21	20A/1P	2 #12 4 1 #12 GRD.	3/4"	X	-	-	-	
	TEF-16	ROOF MOUNTED TOILET EXHAUST FAN	1920	1.00	-	-	-	120	1	FP-JI	#68	30A/1P	2 #10 4 1 #10 GRD.	3/4"	X	-	-	-	
	TEF-17	CEILING MOUNTED TOILET EXHAUST FAN	864	0.33	-	-	-	120	1	FP-EI	#82	20A/1P	2 #12 4 1 #12 GRD.	3/4"					
	TEF-18	CEILING MOUNTED TOILET EXHAUST FAN	864	0.33	-	-	-	120	1	FP-EI	#84	20A/1P	2 #12 4 1 #12 GRD.	3/4"					
	TEF-19	CEILING MOUNTED TOILET EXHAUST FAN	636	0.25	-	-	-	120	1	FP-EI	#80	20A/1P	2 #12 4 1 #12 GRD.	3/4"					
	TEF-20	ROOF MOUNTED TOILET EXHAUST FAN	1920	1.00	-	-	-	120	1	FP-D2	#3	30A/1P	2 #10 4 1 #10 GRD.	3/4"	X	-	-	-	
AD-4	GEF-1	ROOF MOUNTED GENERAL EXHAUST FAN (SCI C-108)	1920	1.00	-	-	-	120	1	FP-CI	#52	30A/1P	2 #10 4 1 #10 GRD.	3/4"	X	-	-	-	
	GEF-2	ROOF MOUNTED GENERAL EXHAUST FAN (SCI C-109)	1920	1.00	-	-	-	120	1	FP-CI	#54	30A/1P	2 #10 4 1 #10 GRD.	3/4"	X	-	-	-	
	GEF-3	ROOF MOUNTED GENERAL EXHAUST FAN (SCI LAB C-113)	1920	1.00	-	-	-	120	1	FP-CI	#60	30A/1P	2 #10 4 1 #10 GRD.	3/4"	X	-	-	-	
	GEF-4	ROOF MOUNTED GENERAL EXHAUST FAN (SCI C-115)	1920	1.00	-	-	-	120	1	FP-CI	#58	30A/1P	2 #10 4 1 #10 GRD.	3/4"	X	-	-	-	
	GEF-5	ROOF MOUNTED GENERAL EXHAUST FAN (SCI D-113)	1920	1.00	-	-	-	120	1	FP-D2	#37	30A/1P	2 #10 4 1 #10 GRD.	3/4"	X	-	-	-	
	GEF-6	ROOF MOUNTED GENERAL EXHAUST FAN (PREP D-114)	1176	0.50	-	-	-	120	1	FP-D2	#35	20A/1P	2 #12 4 1 #12 GRD.	3/4"	X	-	-	-	
	GEF-7	ROOF MOUNTED GENERAL EXHAUST FAN (SCI D-115)	1920	1.00	-	-	-	120	1	FP-D2	#31	30A/1P	2 #10 4 1 #10 GRD.	3/4"	X	-	-	-	
	GEF-8	ROOF MOUNTED GENERAL EXHAUST FAN (ART D-131)	1920	1.00	-	-	-	120	1	FP-D2	#29	30A/1P	2 #10 4 1 #10 GRD.	3/4"	X	-	-	-	
	GEF-9	ROOF MOUNTED GENERAL EXHAUST FAN (STEM A-124)	1920	1.00	-	-	-	120	1	FP-AI	#56	30A/1P	2 #10 4 1 #10 GRD.	3/4"	X	-	-	-	
	GEF-10	ROOF MOUNTED GENERAL EXHAUST FAN (PREP D-129)	636	0.25	-	-	-	120	1	FP-D2	#51	20A/1P	2 #12 4 1 #12 GRD.	3/4"	X	-	-	-	
AD-4	GEF-11	ROOF MOUNTED GENERAL EXHAUST FAN (ART H-118)	1920	1.00	-	-	-	120	1	FP-H2	#19	30A/1P	2 #10 4 1 #10 GRD.	3/4"	X	-	-	-	
	GEF-12	ROOF MOUNTED GENERAL EXHAUST FAN (SCI D-122)	1920	1.00	-	-	-	120	1	FP-D2	#21	30A/1P	2 #10 4 1 #10 GRD.	3/4"	X	-	-	-	
	GEF-13	ROOF MOUNTED GENERAL EXHAUST FAN (PREP D-123)	636	0.25	-	-	-	120	1	FP-D2	#23	20A/1P	2 #12 4 1 #12 GRD.	3/4"	X	-	-	-	
	GEF-14	ROOF MOUNTED GENERAL EXHAUST FAN (SCI D-120)	1920	1.00	-	-	-	120	1	FP-D2	#25	30A/1P	2 #10 4 1 #10 GRD.	3/4"	X	-	-	-	
	GEF-15	ROOF MOUNTED GENERAL EXHAUST FAN (CLINIC F-125)	528	0.17	-	-	-	120	1	FP-FI	#64	20A/1P	2 #12 4 1 #12 GRD.	3/4"	X	-	-	-	
	GEF-16	ROOF MOUNTED GENERAL EXHAUST FAN (CUST D																	

PP-J1

TOTAL KW: 119		ENCLOSURE: NEMA-1				PHASE: 3*		VOLTAGE: 120 / 208								
MOUNTING: SURFACE		BUSBSSING: COPPER				FAULT CURRENT RATING: ***		AIC (MVA CAPACITY): 4000								
FEEDER: 4 #20MCM #1 1/3 GRD. - 3'C.		C/B				C/C		C/D								
LOAD DESCRIPTION		TRIP	POLE	A	B*	C*	LOAD	A	B*	C*	TRIP	POLE	LOAD DESCRIPTION			
AVD J103	20	1		1000			1	2	1000			20	1	AVD J106		
CHARGE J103	20	1		800			3	4	800			20	1	CHARGE J106		
REC J103	20	1			800		5	6		800		20	1	REC J106		
REC J103	20	1		800			1	8	800			20	1	REC J106		
AVD J102	20	1		1000			9	10		1000		20	1	AVD J101		
CHARGE J102	20	1			800		11	12		800		20	1	CHARGE J101		
REC J102	20	1		800			13	14	800			20	1	REC J101		
REC J102	20	1			800		15	16		800		20	1	REC J101		
AVD J105	20	1			1000		11	18		1000		20	1	AVD J108		
CHARGE J105	20	1		800			19	20	800			20	1	CHARGE J108		
REC J105	20	1			800		21	22				20	1	REC J108		
REC J105	20	1				800	23	24		800		20	1	REC J108		
J113 DEAN	20	1		1200			25	26	1000			20	1	AVD J109		
J113/J114 J132 REC	20	1			1000		21	28		800		20	1	CHARGE J109		
J114 TV DRYER	20	1				1200	29	30			800		20	1	REC J109	
CONF J121 REC	20	1		800			31	32				20	1	REC J109		
CONF J121 REC	20	1			800		33	34		1600		20	1	HAND DRYER		
J130 651 REC	20	1			1000		35	36			1600		20	1	HAND DRYER	
J133 651 REC	20	1		1200			37	38		1600		20	1	HAND DRYER		
J134 651 REC	20	1			1000		39	40				20	1	HAND DRYER		
COPIER	20					1200	41	42			1600	600	20	1	WORK J135 REC	
	2			1200			43	44				20	1	WORK J135 REC		
REC J116	20	1			800		45	46				20	1	CORRIDOR REC		
REC J116	20	1				800	47	48		1400		20	1	CORRIDOR REC		
COPIER	20						49	50		1400		20	1	HAND / CORR REC		
	2			1200			51	52			1116		20	1	UV-1	
REFRIGERATOR	20	1			800		53	54			1116		20	1	UV-1	
WORKROOM J116 TV/REC	20	1		1400			55	56		400		20	1	CH-1		
J111 CONF TV/REC	20	1			1200		57	58			1116		20	1	UV-1	
HAND DRYER	20	1				1600	59	60				1116		20	1	UV-1
HAND DRYER	20	1		1600			61	62		1116		20	1	UV-1		
HAND DRYER	20	1			1600		63	64			1116		20	1	UV-1	
HAND DRYER	20	1				1600	65	66				20	1	UV-1		
SPARE	20	1					67	68		1820		20	1	TEF-16		
SPARE	20	1					69	70		400		20	1	RT RECEIPT		
SPARE	20	1					71	72			1116	20	1	GEF-18		
SPARE	20	1					73	74						SPACE		
SPARE	20	1					75	76						SPACE		
SPARE	20	1					77	78						SPACE		
SPARE	20	1					79	80						SPACE		
SPARE	20	1					81	82						SPACE		
SPARE	20	1					83	84						SPACE		
				12000	11000	11600			12036	12128	12504					
NOTE: REFER TO GENERAL NOTE "B" FOR ADDITIONAL INFORMATION														A = 24,036 B = 23,728 C = 24,004 TOTAL = 71,928		



▲ ▲ MILLIES

LIBERTY
INTERMEDIATE
SCHOOL -
ADDITIONS &
RENOVATIONS

EM-TECH 3														
TOTAL KW: 9.7		ENCLOSURE: NEMA-1				PHASE: 3 ϕ				VOLTAGE: 120 / 208				
MOUNTING: SURFACE		BUSBING: COPPER				FAULT CURRENT RATING:				*** AIC MLOX AMPS: 60A				
FEEDING: 4 # 4 / 1 # 10 GND.		TC				LOCATION:								
LOAD DESCRIPTION		C/B			LOAD			LOAD			C/B			LOAD DESCRIPTION
		TRIP	POLE	A ϕ	B ϕ	C ϕ	CCT. NO.	A ϕ	B ϕ	C ϕ	TRIP	POLE		
IDF RECEP.TS		30	2	1200			1	2	800			20	1	IDF RECEP.TS
							3	4				20	1	IDF RECEP.TS
IDF RECEP.TS		30			1200		5	6			900	20	1	AREA DOOR
							7	8						SPACE
IDF RECEP.TS		30	2	1200		1200	9	10						SPACE
			2				11	12						SPACE
SPACE							13	14						SPACE
SPACE							15	16						SPACE
SPACE							17	18						SPACE
SPACE							19	20						SPACE
SPACE							21	22						SPACE
SPACE							23	24						SPACE
SPACE							25	26						SPACE
SPACE							27	28						SPACE
SPACE							29	30						SPACE
SPACE							31	32						SPACE
SPACE							33	34						SPACE
SPACE							35	36						SPACE
SPACE							37	38						SPACE
SPACE							39	40						SPACE
SPACE							41	42						SPACE
					2400	2400	2400			800	800	900		

A = 3200
B = 3200
C = 3200
TOTAL = 9,100

NOTE: REFER TO GENERAL NOTE "B" FOR ADDITIONAL INFORMATION

EM-TECH 6											
TOTAL KW: 8.0		ENCLOSURE: NEMA-1		PHASE: 3*		VOLTAGE: 120 / 200					
MOUNTING: SURFACE		BUSING: COPPER		FAULT CURRENT RATING: 10000		AIC (MLO AMPS): 60A					
FEEDER: 4 # 1 / 4 110 GRD. TC				LOCATION:							
LOAD DESCRIPTION	C/B	LOAD		LOAD			C/B	LOAD DESCRIPTION			
IDF RECEPTS	TRIP / POLE	A*	B*	C*	CCT. NO.	A*	B*	C*	TRIP / POLE	IDF RECEPTS	
IDF RECEPTS	30	2	1200		1	5	800		20	1	
IDF RECEPTS	30			1200	3	4				IDF RECEPTS	
IDF RECEPTS		2	1200		5	6				SPACE	
IDF RECEPTS	30		1200		1	8				SPACE	
					9	10				SPACE	
	2			1200	11	12				SPACE	
SPACE					13	14				SPACE	
SPACE					15	16				SPACE	
SPACE					17	18				SPACE	
SPACE					19	20				SPACE	
SPACE					21	22				SPACE	
SPACE					23	24				SPACE	
SPACE					25	26				SPACE	
SPACE					27	28				SPACE	
SPACE					29	30				SPACE	
SPACE					31	32				SPACE	
SPACE					33	34				SPACE	
SPACE					35	36				SPACE	
SPACE					37	38				SPACE	
SPACE					39	40				SPACE	
SPACE					41	42				SPACE	
			2400	2400		800	800	0			
A= 3200											
B= 3200											
C= 3400											
TOTAL= 8800											
NOTE: REFER TO GENERAL NOTE "B" FOR ADDITIONAL INFORMATION											

SB-H

ALTERNATE BID

TOTAL KW: 56.4		ENCLOSURE:		PHASE: 3*		VOLTAGE: 211 / 480	
MOUNTING:		BUBBLING:		FAULT CURRENT RATING:		AIC 1MCB(AMF8) 250	
FEEDER: 4 250 + 1 4G IN 2" C				LOCATION:			

LOAD DESCRIPTION	TRIP	POLE	C/B			CCT. NO.	LOAD			C/B	TRIP	POLE	LOAD DESCRIPTION
			A*	B*	C*		A*	B*	C*				
SPARE	20	1				1	2						SPACE
SPARE	20	1				3	4						SPACE
SPARE	20	1				5	6						SPACE
SPARE	20	1				7	8						SPACE
SPARE	20	1				9	10						SPACE
SPARE	20	1				11	12						SPACE
SPARE	20	1				13	14						SPACE
SPARE	20	1				15	16						SPACE
SPARE	20	1				17	18						SPACE
SPARE	20	1				19	20						SPACE
SPARE	20	1				21	22						SPACE
SPARE	20	1				23	24						SPACE
SPARE	20	1				25	26						SPACE
SPARE	20	1				27	28						SPACE
SPARE	20	1				29	30						SPACE
SPARE	20	1				31	32						SPACE
SPARE	20	1				33	34						SPACE
SPARE	20	1				35	36						SPACE
SPARE	125		18000		18000	37	38						SPACE
T-SB						39	40						SPACE
	3				18000	41	42						SPACE
			18000	18000	18000			0	0	0			

NOTE: REFER TO GENERAL NOTE "B"

FOR ADDITIONAL INFORMATION

A = 18000

B = 18000

C = 18000

TOTAL = 56.400

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 MS CHECKED BY DJ	
---	---

COPYRIGHT NOTICE:
THE CONCEPTS, DESIGNS, PLANS, DETAILS, ETC. SHOWN ON THIS DOCUMENT ARE THE PROPERTY OF GIBRALTAR DESIGN AND WILL BE LOANED 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.

REVISIONS		
MARK	DATE	ISSUED FOR
AD-4	05/18/22	ADDENDUM NO. 4

DRAWING

ELECTRICAL SCHEDULES

PROJECT
LIBERTY IS -
ADDITIONS & RENOVATIONS

© GIBBALTAS DESIGN

E-606