

ADDENDUM NO. 3

March 4, 2022

**TIMOTHY BALL ELEMENTARY SCHOOL ADDITIONS, RENOVATIONS,
AND RELATED WORK
Crown Point, IN 46307**

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 February 7, 2022 by Gibraltar Design. Acknowledge receipt of the Addendum in the space provided on the Bid Form. Failure to do so may subject the Bidder to disqualification.

This Addendum consists of Pages ADD 3-1 through ADD 3-3 and attached Addendum No. 3 from Gibraltar Design dated March 3, 2022 and consisting of 10 pages, Specification Section 12 56 57 - Media Shelving and Furniture, Specification Section 23 52 16 - Condensing Boilers, and 81 drawings.

A. SPECIFICATION SECTION 00 00 20 - TABLE OF CONTENTS

1. Add:

Specification Section 12 56 57 - Media Shelving and Furniture
Specification Section 23 52 16 - Condensing Boilers

2. Remove:

Specification Section 23 62 13 - Air Cooled Liquid Chiller

B. SPECIFICATION SECTION 01 12 00 - MULTIPLE CONTRACT SUMMARY

1. BID CATEGORY NO. 1 - GENERAL TRADES

1. Replace:

Clarification No. 24:

Reference the AD Drawings; the **Bid Category No. 2 Contractor** shall provide all work indicated on Note 51. The **Bid Category No. 4 Contractor** shall provide all work indicated on Note 1. The **Bid Category No. 5 Contractor** shall provide all work indicated on Note 58. All other notes are the responsibility of the **Bid Category No. 1 Contractor** unless otherwise noted.

2. BID CATEGORY NO. 2 - MASONRY

1. Add:

Clarification No. 6:

The **Bid Category No. 2 Contractor** shall provide all work associated with toothing, tuck pointing, and infilling masonry as indicated on the contract documents.

1. Replace:

Clarification No. 6:

Reference the AD Drawings; the **Bid Category No. 2 Contractor** shall provide all work indicated on Note 51. The **Bid Category No. 4 Contractor** shall provide all work indicated on Note 1. The **Bid Category No. 5 Contractor** shall provide all work indicated on Note 58. All other notes are the responsibility of the **Bid Category No. 1 Contractor** unless otherwise noted.

3. BID CATEGORY NO. 3 - ROOFING

1. Add:

Clarification No. 8:

The **Bid Category No. 3 Contractor** shall provide all work associated with removal of metal panels referenced in Alternates 3 and 4.

4. **BID CATEGORY NO. 4 - ALUMINUM ENTRANCES & STOREFRONTS**

1. **Replace:**

Clarification No. 6:

Reference the AD Drawings; the **Bid Category No. 2 Contractor** shall provide all work indicated on Note 51. The **Bid Category No. 4 Contractor** shall provide all work indicated on Note 1. The **Bid Category No. 5 Contractor** shall provide all work indicated on Note 58. All other notes are the responsibility of the **Bid Category No. 1 Contractor** unless otherwise noted.

5. **BID CATEGORY NO. 5 - METAL STUDS, DRYWALL, & CEILINGS**

1. **Add:**

Clarification No. 6:

Reference the AD Drawings; the **Bid Category No. 2 Contractor** shall provide all work indicated on Note 51. The **Bid Category No. 4 Contractor** shall provide all work indicated on Note 1. The **Bid Category No. 5 Contractor** shall provide all work indicated on Note 58. All other notes are the responsibility of the **Bid Category No. 1 Contractor** unless otherwise noted.

6. **BID CATEGORY NO. 9 - CASEWORK**

1. **Add:**

Specification Section 12 56 57 - Media Shelving and Furniture

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

1. **Add:**

Specification Section 23 52 16 - Condensing Boilers

2. **Delete:**

Specification Section 23 62 13 - Air Cooled Liquid Chiller

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

1. **Replace:**

The original guideline schedule with the attached revised guideline schedule.

Activity Name	Original Duration	Start	Finish	2022												2023												2024											
				Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov		
Timothy Ball ES Additions and Renovations	601	Feb-10-22 A	Jun-28-24	Timothy Ball ES Additions and Renovations																																			
Project Administration	601	Feb-10-22 A	Jun-28-24	Project Administration																																			
Bid Phase	20	Feb-10-22 A	Mar-09-22	▲▲▲ Bid Phase																																			
Pre-Bid Meeting	1	Feb-18-22 A	Feb-18-22 A	◆ Pre-Bid Meeting																																			
Bid Opening	0		Mar-09-22	◆ Bid Opening																																			
Recommend/Award	1	Mar-21-22	Mar-21-22	◆ Recommend/Award																																			
Submittals and Color Charts	120	Mar-22-22	Sep-08-22	▲ Submittals and Color Charts																																			
Notice to Proceed	0	Mar-22-22		◆ Notice to Proceed																																			
Procure Mechanical Units	100	Apr-05-22	Aug-24-22	▲ Procure Mechanical Units																																			
Procure Structural Steel Framing, Joists, and Deck	120	Apr-19-22	Oct-06-22	▲ Procure Structural Steel Framing, Joists, and Deck																																			
Start Construction	0	May-02-22		◆ Start Construction																																			
Last Student Day 2021/2022 School Year	0		Jun-02-22*	◆ Last Student Day 2021/2022 School Year																																			
Last Staff Day 2021/2022 School Year	0		Jun-03-22*	◆ Last Staff Day 2021/2022 School Year																																			
First Staff Day 2022/2023 School Year	0	Aug-08-22*		◆ First Staff Day 2022/2023 School Year																																			
First Student Day 2022/2023 School Year	0	Aug-10-22*		◆ First Student Day 2022/2023 School Year																																			
Fall Break 2022/2023 School Year	5	Oct-17-22*	Oct-21-22	▲ Fall Break 2022/2023 School Year																																			
Thanksgiving Break 2022/2023 School Year	2	Nov-23-22*	Nov-28-22	▲ Thanksgiving Break 2022/2023 School Year																																			
Winter Break 2022/2023	9	Dec-21-22*	Jan-04-23	▲ Winter Break 2022/2023																																			
Spring Break 2022/2023 School Year	5	Mar-27-23*	Mar-31-23	▲ Spring Break 2022/2023 School Year																																			
Gym Addition Turnover	0		Mar-29-23	◆ Gym Addition Turnover																																			
Pre-K Addition Turnover	0		May-03-23	◆ Pre-K Addition Turnover																																			
Last Student Day 2022/2023 School Year	0		May-26-23*	◆ Last Student Day 2022/2023 School Year																																			
Last Staff Day 2022/2023 School Year	0		May-30-23*	◆ Last Staff Day 2022/2023 School Year																																			
Summer 2023	0	Jun-05-23*		◆ Summer 2023																																			
Kindergarten Addition Turnover	0		Jun-14-23	◆ Kindergarten Addition Turnover																																			
Classroom Addition Turnover	0		Jun-15-23	◆ Classroom Addition Turnover																																			
Cafeteria Turnover	0		Aug-03-23	◆ Cafeteria Turnover																																			
First Staff Day 2023/2024 School Year	0	Aug-07-23*		◆ First Staff Day 2023/2024 School Year																																			
First Student Day 2023/2024 School Year	0	Aug-09-23*		◆ First Student Day 2023/2024 School Year																																			
Mechanical Turnover	0		Aug-14-23	◆ Mechanical Turnover																																			
Fall Break 2023/2024 School Year	5	Oct-16-23*	Oct-20-23	▲ Fall Break 2023/2024 School Year																																			
Classroom A Turnover	0		Oct-16-23	◆ Classroom A Turnover																																			
Kitchen Turnover	0		Oct-17-23	◆ Kitchen Turnover																																			
Thanksgiving Break 2023/2024 School Year	2	Nov-23-23*	Nov-24-23	▲ Thanksgiving Break 2023/2024 School Year																																			
Media Center Turnover	0		Dec-14-23	◆ Media Center Turnover																																			

▲▲▲ Actual Work

▲▲▲ Remaining Work

▲▲▲ Critical Remaining Work

◆ Milestone

▲ Summary

220210.03 Timothy Ball ES Additions and Renovations

Schedule Update Mar-02-22

1 of 13

SKILLMAN

Activity Name	Original Duration	Start	Finish	2022												2023												2024																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
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220210.03 Timothy Ball ES Additions and Renovations

Schedule Update Mar-02-22



Activity Name	Original Duration	Start	Finish	2022												2023												2024																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
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Kindergarten Addition	286	May-02-22	Jun-14-23	Kindergarten Addition																																											
Sitework	16	May-02-22	May-23-22	Sitework																																											
Grading	1	May-02-22	May-02-22	Grading																																											
Site Utilities	5	May-03-22	May-09-22	Site Utilities																																											
Concrete Curbs and Walks	5	May-10-22	May-16-22	Concrete Curbs and Walks																																											
Site Furnishings	5	May-17-22	May-23-22	Site Furnishings																																											
Building Core and Shell	200	May-24-22	Mar-08-23	Building Core and Shell																																											
Excavate Footings and Foundations	5	May-24-22	May-31-22	Excavate Footings and Foundations																																											
Form and Pour Footings	10	Jun-01-22	Jun-14-22	Form and Pour Footings																																											
Foundations	15	Jun-15-22	Jul-06-22	Foundations																																											
Backfill	5	Jul-07-22	Jul-13-22	Backfill																																											
Underground Utilities	10	Jul-14-22	Jul-27-22	Underground Utilities																																											
Slab-on-Grade Prep and Form	10	Jul-28-22	Aug-10-22	Slab-on-Grade Prep and Form																																											
Pour Slab-on-Grade	2	Aug-11-22	Aug-12-22	Pour Slab-on-Grade																																											
Structural Steel Framing, Detailing, Joists, and	20	Nov-29-22	Dec-27-22	Structural Steel Framing, Detailing, Joists, and Deck																																											
Exterior Metal Stud Walls with Densglass	15	Dec-28-22	Jan-18-23	Exterior Metal Stud Walls with Densglass																																											
Roofing	10	Dec-28-22	Jan-11-23	Roofing																																											
Roofing Details	10	Jan-12-23	Jan-25-23	Roofing Details																																											
Cavity Insulation and Veneer	30	Jan-19-23	Mar-01-23	Cavity Insulation and Veneer																																											
Exterior Storefronts and Windows	10	Jan-26-23	Feb-08-23	Exterior Storefronts and Windows																																											
Composite Metal Panels	5	Mar-02-23	Mar-08-23	Composite Metal Panels																																											
Interior Buildout	105	Jan-19-23	Jun-14-23	Interior Buildout																																											
In-Wall Electrical Rough-Ins	15	Jan-19-23	Feb-08-23	In-Wall Electrical Rough-Ins																																											
Interior Metal Stud Framing	15	Jan-19-23	Feb-08-23	Interior Metal Stud Framing																																											
In-Wall Plumbing Rough-Ins	15	Jan-19-23	Feb-08-23	In-Wall Plumbing Rough-Ins																																											
Ductwork	15	Feb-09-23	Mar-01-23	Ductwork																																											
Above Ceiling Electrical and Technology	15	Feb-09-23	Mar-01-23	Above Ceiling Electrical and Technology																																											
Above Ceiling Piping	15	Feb-16-23	Mar-08-23	Above Ceiling Piping																																											
Drywall and Tape	20	Mar-09-23	Apr-05-23	Drywall and Tape																																											
Painting and Wall Coatings	20	Apr-06-23	May-03-23	Painting and Wall Coatings																																											
Ceilings	15	Apr-20-23	May-10-23	Ceilings																																											
Light Fixtures	15	Apr-20-23	May-10-23	Light Fixtures																																											
Mechanical Trim	15	Apr-20-23	May-10-23	Mechanical Trim																																											
Electrical Devices and Trim	15	Apr-20-23	May-10-23	Electrical Devices and Trim																																											
Casework and Millwork	15	May-11-23	May-31-23	Casework and Millwork																																											
Markerboards and Tackboards	5	May-11-23	May-17-23	Markerboards and Tackboards																																											

Actual Work

Remaining Work

Critical Remaining Work

Milestone

Summary

220210.03 Timothy Ball ES Additions and Renovations

Schedule Update Mar-02-22

5 of 13

SKILLMAN

Activity Name		Original Duration	Start	Finish	2022												2023												2024																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																				
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Classroom A/Music/Applied Skills	Mechanical Trim	10	Jun-22-23	Jul-06-23																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																													

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220210.03 Timothy Ball ES Additions and Renovations

Schedule Update Mar-02-22



Activity Name		Original Duration	Start	Finish	2022										2023												2024													
					Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov		
Project A	Electrical Devices and Trim	10	Aug-08-23	Aug-21-23																			▲▼	Electrical Devices and Trim																
	Set Unit Ventilators	1	Aug-08-23	Aug-08-23																			▲▼	Set Unit Ventilators																
	Casework and Millwork	10	Aug-22-23	Sep-04-23																			▲▼	Casework and Millwork																
	Markerboards and Tackboards	5	Sep-05-23	Sep-11-23																			▲▼	Markerboards and Tackboards																
	Lockers	10	Sep-05-23	Sep-18-23																			▲▼	Lockers																
	Flooring	15	Sep-19-23	Oct-09-23																			▲▼	Flooring																
	Doors and Hardware	5	Sep-19-23	Sep-25-23																			▲▼	Doors and Hardware																
	Punchlist Completion	5	Oct-10-23	Oct-16-23																			▲▼	Punchlist Completion																
	Restrooms	65	Jun-19-23	Sep-18-23																			▲▼	Restrooms																
	Demo	5	Jun-19-23	Jun-23-23																			▲▼	Demo																
	Ductwork	5	Jun-26-23	Jun-30-23																			▲▼	Ductwork																
	Underground Utilities	5	Jul-03-23	Jul-10-23																			▲▼	Underground Utilities																
	Metal Stud Framing	10	Jul-11-23	Jul-24-23																			▲▼	Metal Stud Framing																
	Electrical and Technology Rough-Ins	5	Jul-11-23	Jul-17-23																			▲▼	Electrical and Technology Rough-Ins																
	Above Ceiling Piping	5	Jul-11-23	Jul-17-23																			▲▼	Above Ceiling Piping																
	Plumbing Rough-Ins	10	Jul-11-23	Jul-24-23																			▲▼	Plumbing Rough-Ins																
	Drywall and Tape	5	Jul-25-23	Jul-31-23																			▲▼	Drywall and Tape																
	Painting and Wall Coatings	5	Jul-25-23	Jul-31-23																			▲▼	Painting and Wall Coatings																
	Wall Tile	10	Aug-01-23	Aug-14-23																			▲▼	Wall Tile																
	Ceilings	5	Aug-15-23	Aug-21-23																			▲▼	Ceilings																
	Light Fixtures	5	Aug-15-23	Aug-21-23																			▲▼	Light Fixtures																
	Mechanical Trim	5	Aug-15-23	Aug-21-23																			▲▼	Mechanical Trim																
	Electrical Devices and Trim	5	Aug-15-23	Aug-21-23																			▲▼	Electrical Devices and Trim																
	Epoxy Flooring	10	Aug-15-23	Aug-28-23																			▲▼	Epoxy Flooring																
	Plumbing Fixtures	10	Aug-22-23	Sep-04-23																			▲▼	Plumbing Fixtures																
	Toilet Accessories	5	Sep-05-23	Sep-11-23																			▲▼	Toilet Accessories																
	Toilet Partitions	5	Sep-05-23	Sep-11-23																			▲▼	Toilet Partitions																
	Punchlist Completion	5	Sep-12-23	Sep-18-23																			▲▼	Punchlist Completion																

- Actual Work
- Remaining Work
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220210.03 Timothy Ball ES Additions and Renovations

Schedule Update Mar-02-22



Activity Name		Original Duration	Start	Finish	2022												2023												2024																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																		
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MECHANICAL MEZZANINE	Ceilings	10	Nov-03-23	Nov-16-23																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											

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- Actual Work
- Remaining Work
- Critical Remaining Work
- Milestone
- Summary

220210.03 Timothy Ball ES Additions and Renovations

Schedule Update Mar-02-22



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ADDENDUM THREE

Addendum Three (AD.03) to the drawings and specifications prepared by Gibraltar Design for **Timothy Ball Elementary School Additions, Renovations, and Related Work** for Crown Point Community School Corporation, Crown Point, Indiana.

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

SPECIFICATIONS

- 1. Specification Section 00 01 10 Table of Contents**
 - A. Add the following Specification Sections to the Table of Contents:
 1. Section 12 56 57, Media Shelving and Furniture.
 2. Section 23 52 16, Condensing Boilers.
- 2. Specification Section 07 24 00 Exterior Insulation and Finish System (EIFS)**
 - A. Add new Paragraph 1.1.B. to read: "B. EIFS Finish System for existing EIFS and Plaster surfaces."
 - B. Add new Paragraph 2.1.T. to read: "T. Elastomeric Coating: Provide and install Elasto-Flex, as manufactured by Master Wall Inc., or approved equal, for installing on all existing EIFS and Plaster finishes. Confirm color selection with Architect prior to application."
 - C. Add new Paragraph 3.2.H. to read: "H. Finish Coat on Existing EIFS and Plaster: Apply Elastomeric Coating on surface of existing EIFS and Plaster surfaces on Project."
- 3. Specification Section 03 30 00 Concrete**
 - A. Revise Paragraph 2.4.H. 1. to read: "1. Basis-of-Design Product Subject to compliance with requirements and compatibility of Internal Curing Admixture, provide E5 system by Specification Products, Inc. consisting of E5 internal cure admixture @ 4oz/cwt and E5 catalyst sprayed on between 800-1,000 SF/ Gal over 15 Mil Glass A Vapor barrier"
- 4. Specification Section 08 41 00 Aluminum Entrances and Storefronts**
 - A. Revise Paragraph 2.3 D to read "Fixed Window Fame with Operable Windows: Window sub frame shall be equal to VG 451 UT framing system, nominal 2 inches wide by 4-1/2 inches deep, center glazing; as approved by the Architect."
 - B. Revise Paragraph 2.3 D, 1. To read "Operable Units/ Lite/ Vent, Kawneer 8225 TL; Inward acting Hopper style (Project-in Window) with Insect Screen on exterior side. Insect screen mesh and frame to match window in color."
- 5. Specification Section 09 29 00 Gypsum Board**
 - A. Add new Paragraph 1.1.F. Spray Acoustical System.
 - B. Add new Paragraph 2.4. Spray Acoustical System as follows:
"2.4 Spray Acoustical System

- A. Provide a spray-applied thermal and acoustical insulation system, K-13 Thermal Insulation, as manufactured by International Cellulose Corporation, or approved equal.
- B. Location: Where indicated on the Drawings.
- c. Color and Thickness: White, 2-inch thick."
- C. Add new Paragraph 3.2.T. as follows:
 - "T. Spray Acoustical System: Clean and prepare surface to be applied per Acoustical Spray manufacturers recommendations. Spray the indicated thickness in layers per manufacturer's instructions."
- 6. Specification Section 09 51 00 Acoustical Ceilings**
 - A. Delete Paragraphs 1.1.C., 2.3, and 3.2.S. in their entirety.
- 7. Specification Section 11 40 00 Foodservice Equipment**
 - A. Revise Paragraph 2.2.B.1. to read "Total of Two (2) Scoreboards required."
 - 1. Item #14 – island work counter w/ prep sink
 - a. Delete all reference to "H. Stainless-steel u-channels for vertical cutting board storage"
 - b. Delete all reference to "I. Provide two (2) only 20" x 24" x ½" polyethylene cutting boards, white"
 - 2. Item #17 – island work counter w/ prep sink
 - a. Delete all reference to "F. Stainless-steel u-channels for vertical cutting board storage"
 - b. Delete all reference to "G. Provide two (2) only 20" x 24" x ½" polyethylene cutting boards, white"
 - 3. Item #46 – worktable
 - a. Delete all reference to "C. Open-base w/ stainless steel cross rails"
 - b. Item #69, 72, 79, 75, 82, 85 and 86 – serving counters and cashier counters
 - c. Clarification: provide three (3) raised stainless steel tray slide runners on student side of counter top.
 - 4. Item #35 – combi oven
 - a. Revise "F. One (1) only 60.75.752 combi-duo stacking kit and installation for ICC-6 full NG on top of ICC-6 full NG"
- 8. Specification Section 11 66 43 Scoreboards**
 - A. Revise Paragraph 2.2.B.1. to read "Total of Two (2) Scoreboards required."
- 9. Specification Section 12 56 57 Media Shelving and Furniture**
 - A. Add new Specification Section 12 56 57, Media Shelving and Furniture, included in this Addendum, to the Project Manual.
- 10. Specification Section 23 09 23 Temperature Controls**
 - A. Add Paragraph 4.18 – BUILDING RELIEF HOODS:
 - 1. Unoccupied: Relief hood automatic damper shall be closed.
 - 2. Occupied: Relief hood automatic dampers shall modulate as required to maintain

positive building pressurization of 0.1" w.c. (adj).

B. Add the following points to the Points List for Heating / Cooling Fan Coil units:

1. Supply Fan: Start/Stop, Enable/Disable, Status, Alarm, Equip Alarm, Critical, Notification
2. Discharge Air Temp: Temperature, High Limit, Low Limit
3. Mixed Air Temp: Temperature
4. Return Air Temp: Temperature, High Limit, Low Limit
5. OA Dampers: Control
6. Heating Valve: Control, Setpoint Adjustment
7. Cooling Valve: Control, Setpoint Adjustment
8. Low Limit Temperature: Alarm, Temperature, Critical, Notification
9. Space Temperature: Setpoint Adjustment
10. Space Humidity: Setpoint Adjustment

11. Specification Section 23 21 13 Piping

- A. Grooved Piping Systems: Remove "only within the confines of the mechanical rooms" from paragraph 2.07 A.

12. Specification Section 23 52 16 Condensing Boilers

- A. Add new Specification Section 23 52 16, Condensing Boilers, included in this Addendum, to the Project Manual.

13. Specification Section 23 62 13 Air Cooled Liquid Chiller

- A. Remove the following Specification Sections to the Table of Contents:
1. Section 23 62 13, Air Cooled Liquid Chiller
- B. Remove the following Specification Section from Volume Three of the Specifications:
1. Section 23 62 13, Air Cooled Liquid Chiller

14. Specification Section 23 74 14 Rooftop HVAC Units (02-30 Tons)

- A. Remove "1 inch thick, 1 1/2 lb. density fiberglass insulation or" from 2.02 B 13.
- B. Revised paragraph 2.02 J 1. Change "digital scroll" to "variable speed inverter scroll".

15. Specification Section 23 83 23 Unit Ventilators

- A. Add the following sentence to end of Paragraph 2.02 K: "Provide painted closure panels and concealed support required for complete finished assembly."

16. Specification Section 32 31 13 Chain Link Fences and Gates

- A. Delete Paragraph 1.3 E in its entirety.
- B. Delete Paragraph 1.9.A.4. in its entirety.
- C. Delete Paragraph 1.9.G. in its entirety.
- D. Revise Paragraph 2.2.A. to read "Install gates with fabric to match fence."



DRAWINGS

17. Sheets C2.0

- A. Refer to revised, full-size drawing, included in this Addendum, for the following revisions:
 - 1. Add wood guard rail in south west corner of lot.
 - 2. Add call out for type of fence proposed around play areas.
 - 3. Removed "typical asphalt" from legend.
 - 4. Add "fence" to legend.

18. Sheets C3.0

- A. Refer to revised, full-size drawing, included in this Addendum, for the following revisions:
 - 1. Remove 6" storm sewer line between MH/ OG #29 and west side of building.
 - 2. Added note regarding wall detail.

19. Sheets C4.0

- A. Refer to revised, full-size drawing, included in this Addendum, for the following revisions:
 - 1. Removed detail for "Typical Asphalt Pavement Section"

20. Sheets C4.2

- A. Refer to revised, full-size drawing, included in this Addendum, for the following revisions:
 - 1. Add detail for "Wood Guard Rail".
 - 2. Add and revise details for playground paving and playground outer barrier detail.
 - 3. Updated dumpster enclosure.

21. Sheets S-201, S-202, S-203, S-205, S-206, S-207, S-208, S-209, S-401, S-402, S-403, S-411, S-412, S-413

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

22. Sheet S-205

- A. Add the following note to Sheet S-205:
 - 1. Where existing duct work is removed exposing floor opening at new Air Handling Unit provide 16 Gauge cap flush to existing floor. Secure cap w/ 5" minimum brg all around opening. New concrete base/ pad shall be installed on top of 16 Gauge cap. Notify design team of conflicts prior to installation.

23. Sheets AD-101, AD-102, AD-103

- A. Refer to revised, full-size drawing, included in this Addendum, for the following revisions:
 - 1. Add plan note 59: Kitchen contractor shall demolish existing kitchen and all associated fixtures, equipment, kitchen related ductwork and accessories complete.
 - 2. Refer to Floor Plan for clouded revisions to plan notes in multiple locations.



24. Sheets A-101, A-102, A-103, A-104, A-105

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

1. Refer to Floor Plan for clouded revisions to plan notes in multiple locations.

25. Sheet A-104

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

1. Add section cut 13/A212.
2. Refer to Floor Plan for clouded revisions to wall types in multiple locations.

26. Sheet A-105

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

1. Add section cut 14/A212.
2. Refer to Floor Plan for clouded revisions to wall types in multiple locations.

27. Sheet A-201

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

1. Add Note 30, "Extend roofing membrane up sloped roof 6'-0" and overlap new underlayment membrane and asphalt shingles 4'-0" onto roof membrane (transition to be 2'-0" up slope from change in angle)".

28. Sheet A-212

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

1. Revise roof plan details, typical details and wall sections.
2. Refer to attached drawing for clouded revisions in multiple locations.

29. Sheet A-401

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

1. Add spray acoustical insulation

30. Sheet A-417

A. Remove horizontal dimension indicating 10'-5" found on details 1/A417 and 2/A417 complete.

31. Sheet A-704

Remove the words "BY OWNER" from Equipment Plan Notes 16, 17, 18 complete.

32. Sheet A-901, A-902, A-903, A-901, A-905

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

1. Revise note 8 to be "Existing plaster soffit to remain. Remove loose or water damaged plaster and patch cracks and/or holes with base coat. Apply



elastomeric coating on entire plaster soffit surface. (Estimate 75 linear feet of 6" wide cracked or loose surface that will need to be removed and replaced.)"

33. Sheet A-903, A-904, A-905

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

1. Remove note 8 from canopy locations indicated on attached drawings.

34. Sheet K-602

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

1. Detail "h"
 - a. Clarify note on s/s tray runners
2. Detail "i"
 - a. Clarify note on s/s tray runners
3. Detail "j"
4. Clarify note on s/s tray runners

35. Sheet M-001

A. Refer to revised sheet for additional information:

1. Added symbol to symbol list.

36. Sheet MD-101

A. Refer to revised sheet for additional information:

1. Added sheet note 12.
2. Added demo fin tube to classrooms.

37. Sheet MD-102

A. Refer to revised sheet for additional information:

1. Added sheet note 15.
2. Added demo fin tube to classrooms.
3. Revised demo elevator exhaust to remain.
4. Revised media center relief to remain.

38. Sheet MD-102

A. Add the following note to Sheet MD-102

1. Demolish existing equipment and ductwork on floor and existing base/ pad near location of new Air Handling Unit complete. Existing base/ pad to remain.

39. Sheet MD-103

A. Refer to revised sheet for additional information:

1. Added sheet note 10.
2. Added demo fin tube to classrooms.

40. Sheet MV-101

A. Refer to revised sheet for additional information:



1. Revised supply air diffuser in corridor A-110 and A-126.
2. Revised relief air in classroom A-117.
3. Added exhaust and transfer air in elev equip A-116.
4. Added H-1 and H-2.
5. Revised relief in stem A-144 and art room A-142.

41. Sheet MV-102

- A. Refer to revised sheet for additional information:
1. Added FC-3.
 2. Revised unit vent, heating coil, and ductwork in classroom A-304.
 3. Removed transfer grille in stair A-300.

42. Sheet MV-102

- A. Add the following notes to MV 102
1. New concrete base/ pad at AHU3. Pour pad level to top of existing base/ pad to remain.

43. Sheet MP-101

- A. Refer to revised sheet for additional information:
1. Added "H" to thermostats.
 2. Added co2 sensors to unit vents.

44. Sheet MP-102

- A. Refer to revised sheet for additional information:
1. † Added "H" to thermostats.
 2. Added CO2 sensors to unit vents.
 3. Revised unit vent and connection note in classroom A-304.
 4. Added condensate drain to ac-1 in tr a-308.

45. Sheet MP-103

- A. Refer to revised sheet for additional information:
1. Added "H" to thermostats.
 2. Added CO2 sensors to unit vents.
 3. Added CO2 sensor to return path for RT-2A and RT-2B.
 4. Clarified gas pipe size.
 5. Added condensate drain to AC-2.

46. Sheet MP-104

- A. Refer to revised sheet for additional information:
1. † Added "H" to thermostats.
 2. Added CO2 sensors to unit vents.

47. Sheet MP-105

- A. Refer to revised sheet for additional information:



1. Added "H" to thermostats.
2. Added CO2 sensors to unit vents.

48. Sheet M-201

- A. Refer to revised sheet for additional information:
1. Removed RH-4 and RH-5.
 2. Added exhaust for H-1.

49. Sheet M-501

- A. Refer to revised sheet for additional information:
1. Added FC-3, GEF-3, H-1, and H-2 to schedule.
 2. Added note 14 to schedule notes.

50. Sheet P-001

- A. Revise S-1 model number to ELKAY #LRADQ-221945. Description shall be "1-Compartment Stainless Steel Sink, 22"x19-1/2"x4-1/2".

51. Sheet E-002

- A. Refer to revised sheet for additional information:
1. Revised general note.
 2. Revised locations of site lighting fixtures.
 3. Revised site lighting fixture tags.
 4. Added site lighting fixture.

52. Sheet EL-101

- A. Refer to revised sheet for additional information:
1. Revised locations of lighting fixtures.

53. Sheet EL-103

- A. Refer to revised sheet for additional information:
1. Revised locations of lighting fixtures.
 2. Revised locations of site lighting fixtures.
 3. Revised lighting fixture types.
 4. Added lighting fixtures.

54. Sheet EL-104

- A. Refer to revised sheet for additional information:
1. Revised lighting fixture type.
 2. Added lighting fixture.

55. Sheet EP-101

- A. Refer to revised sheet for additional information:
1. Added electrical connections to mechanical equipment.
 2. Revised locations of devices.



56. Sheet EP-102

- A. Refer to revised sheet for additional information:
 - 1. Added electrical connection to mechanical equipment.
 - 2. Revised locations of site lighting fixtures.

57. Sheet EP-104

- A. Refer to revised sheet for additional information:
 - 1. Clarified stage floor box symbol.

58. Sheet E-502

- A. Refer to revised sheet for additional information:
 - 1. Removed fixture type.
 - 2. Added approved equals.
 - 3. Revised site lighting fixture specifications.
 - 4. Added fixture type EA6.

59. Sheet E-601

- A. Refer to revised sheet for additional information:
 - 1. Added FC-3, GEF-3, H-1, and H-2 to mechanical equipment connection schedule.

60. Sheet E-604

- A. Refer to revised sheet for additional information:
 - 1. Added circuits to panels 1L1, BCP-1 and BCP-2.

61. Sheet T-001

- A. Refer to revised, full-size drawing, included in this Addendum, for the following revisions:
 - 1. Changed the text for telecom symbol 2D/LI to note that the A/V cabling is future

62. Sheet TD100

- A. Refer to revised, full-size drawing, included in this Addendum, for the following revisions:
 - 1. Demo Plan Note #7 language revised, this revised note applies to all demo sheets issued with the Project

63. Sheet T-101

- A. Refer to revised, full-size drawing, included in this Addendum, for the following revisions:
 - 1. Room A-101A, Re-located outlets on the east wall and added "LI" to data outlet.
 - 2. Room A-145, Re-located outlets on the west wall and added "LI" to data outlet..
 - 3. Room A-151, added "LI" to data outlet.

64. Sheet T-102

- A. Refer to revised, full-size drawing, included in this Addendum, for the following revisions:
 - 1. Room A-325, added "LI" to data outlet



2. Room A-330, added "LI" to data outlet

65. Sheet T-103

- A. Refer to revised, full-size drawing, included in this Addendum, for the following revisions:
 1. Room B-212, Moved TV location, added a data outlet with "LI".
 2. Room B-216, added "LI" to data outlet.
 3. Room B-184, added a data outlet with "LI".
 4. Room B-172, Added TV outlet.
 5. Room B-172, added "LI" to data outlet.
 6. Room B-154, added "LI" to data outlet

66. Sheet T-104

- A. Refer to revised, full-size drawing, included in this Addendum, for the following revisions:
 1. Room C-240, added a data outlet with "LI".

67. Sheet T-105

- A. Refer to revised, full-size drawing, included in this Addendum, for the following revisions:
 1. Room D-256, added "LI" to data outlet.

68. Sheet T-501

- A. Refer to revised, full-size drawing, included in this Addendum, for the following revisions:
 1. Detail #10 – added additional security camera symbols.

69. Sheet T-502

- A. Refer to revised, full-size drawing, included in this Addendum, for the following revisions:
 1. Detail #1 and 2 – deleted the requirements for the HDMI and USB jacks and cables.

Pages 1 through 10, inclusive, and Full Specification Sections 12 56 57 and 23 52 16 (and Eighty-One 81) Full-Size Drawings, constitute the total makeup of **Addendum Three**.

**GIBRALTAR**

DESIGN

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SECTION 12 56 57

MEDIA SHELVING AND FURNITURE

1 General

1.1 Section Includes

- A. Wood media shelving.

1.2 Related Sections

- A. Section 06 20 00 – Finish Carpentry: Circulation desk.
- B. Section 09 29 00 - Gypsum Board: Gypsum board bulkheads.
- C. Division 26 - Electrical service fittings.

1.3 References

- A. Perform all work and furnish all material in accordance with the following references.
 - 1. AWI - Quality Standards of Architectural Woodwork Institute.
 - 2. PS (Product Standards) 51 - Hardwood and Decorative Plywood.
 - 3. NEMA LD-3 High Pressure Decorative Laminates.
 - 4. ADA Accessibility Guidelines for Buildings and Facilities, Appendix A, Part 36, Standards for Access Design.
 - 5. Indiana Handicapped Accessibility Code.

1.4 Submittals

- A. Submit shop drawings, product data, and samples under provisions of Division 1. Include component dimensions, configurations, elevations, construction details, joint details, attachments, bulkhead dimensions (length, depth, height above floor), complete Shelving and Furniture Schedule and all rough-ins.
 - 1. Provide two 4 inch by 6 inch finished stain samples.

1.5 Delivery, Storage, And Handling

- A. Deliver products to site and store products on site under provisions of Division 1.
- B. Do not deliver products to site until destination space is ready to receive it.
- C. Coordinate size of access and route to place of installation.

2 Products

2.1 Acceptable Manufacturers

A. Wood Shelving:

1. Basis of Design: The Worden Company, Holland, Michigan.
2. Brodart Company, Williamsport, Pennsylvania.
3. William Hermann & Son, Indianapolis, Indiana.
4. Euronique Inc., Elberfield, Indiana
5. Liat Furniture, Troutman, North Carolina.

2.2 Materials

A. Wood Shelving:

1. General: Graded in accordance with the requirements of AWI.
2. Lumber: All woods used in the construction of this equipment shall be selected from thoroughly air seasoned stock, free from imperfections, and kiln dried to have a moisture content, at time of assembly, of from 5 percent to 7 percent.
 - a. All exposed solid woods shall be select northern grown red oak, plain sawn and selected for uniformity of figure and grain.
 - b. Woods used in the unexposed parts shall be suitable hardwoods, sound throughout, but unselected as to color.
 - c. Use 3/4 inch thick, 45 pound density particle core plywood as minimum standard.
3. Exposed Veneers: Plain sliced red oak, Grade "A tight and smooth, selected for uniformity, even grain, beauty, and color.
 - a. Provide face veneer with cathedral grain figure, faces must be book matched and balanced.
 - b. Provide faces free of wild grain, wide heart, and gross figure on either side of cathedral figure.
4. Shelving Tops and Fascias: Hardwood plywood.
 - a. Continuous Tops: Three-ply particle construction plywood with 0.050 inch high pressure laminate face and 0.028 inch backer on underside, with hardwood fascia.

5. Shelving, Finished Ends, Uprights, and Backs: Select hardwood and hardwood plywood backing.
6. Vertical and Horizontal grade high pressure plastic laminate for exterior countertop surfaces, satin or textured finish, minimum 0.050 inch thickness with heavy gage neutral colored backing sheet for balanced construction. Color: refer to Finish Legend on Drawings.
7. High Density Fiberboard or plywood of thickness indicated on the Drawings.

2.3 Hardware

- A. Shelf Standards and Clips: Manufacturer's standard.

2.4 Fabrication - General

- A. Fabricate furniture, shelving, and millwork in accordance with recommendations of AWI; custom grade, except as shown or noted otherwise.
 1. Wood Grain, Color, and Finish: Uniform and consistent in appearance.
 2. Wood Shelving:
 - 1) End Panel: 1 inch thick particle core with select hardwood face veneer with all exposed edges of not less than 3/16 inch bonded with solid edge strip.
 - 2) Intermediate Upright: 3/4 inch thick particle core with hardwood veneer with all exposed edges of not less than 3/16 inch bonded with solid hardwood edge strip.
 - 3) Island or Peninsula End Panels: 1 inch thick solid hardwood.
 - 4) Top and Fascia: 3/4 inch thick three-ply hardwood veneer with hardwood veneer and 3/4 inch by 2 1/4 inch solid hardwood fascia.
 - 5) Base: 4 inches high by 1/2 inch thick solid hardwood.
 - 6) Base Shelf: 3/4 inch thick solid hardwood hardwood.
 - 7) Adjustable Shelves: 3/4 inch by 36 inches long, maximum, solid hardwood with 2 inch nosing of solid hardwood.
 - 8) Back Panels: 1/4 inch thick three-ply hardwood veneer core plywood with select rotary cut face veneer on all exposed faces.

- 9) Countertops: 3/4 inch by width indicated on drawings with self-edge and matching vertical faces on edges. Refer to Drawings for locations and Finish Legend on Drawings for selected color and texture.

2.5 Finishes

A. Wood:

1. Plane and sand all exposed wood surfaces thoroughly and set exposed fasteners.
 - a. Apply wood filler in exposed fastener indentations.
2. Exterior Surfaces: Apply stain or lacquer sealer, sand, and apply two coats of lacquer.
3. Stain, color, and finish selected by the Architect and Owner from full range of stain options of manufacturer. **Refer to Finish Legend for intent.**

3 Execution

3.1 Inspection

- A. Obtain and verify dimensions affecting work of this Section from site.
- B. Beginning of installation means acceptance of existing conditions.

3.2 Installation

- A. Set and secure shelving and casework in place rigid, plumb, and level.
- B. Use purpose designed fixture attachments for wall mounted components.
- C. Use threaded steel concealed joint fasteners to align and secure adjoining wall shelving and millwork units.
- D. Permanently fix wall shelving and millwork to floor or wall using appropriate angles and anchorages.
- E. Carefully scribe shelving and casework which abuts other building materials leaving gaps of 1/32 inch maximum.
 1. Overlay trim may be used for this purpose.
- F. Coordinate work with others.

3.3 Adjusting And Cleaning

- A. Adjust doors, drawers, hardware, fixtures, and other moving or operating parts to function smoothly and correctly.
- B. Clean furniture, shelving, millwork, hardware, fittings, and fixtures.

3.4 Media Shelving And Furniture Schedule

- A. Refer to Drawings for Media Shelving Schedules.
- B. For convenience, the Model numbers shown on Drawings are taken from the catalogs furnished by the Worden Company and other companies as noted in the equipment schedule, and are used for reference only.

END OF SECTION

DIVISION 23 – MECHANICAL
Section 23 52 16 – Condensing Boilers and Accessories

1.00 PART 1 – GENERAL

1.01 DESCRIPTION OF WORK:

- A. Work Included: This Section of work includes the furnishing and installing of gas-fired condensing hot water heating boilers and related accessories as required for a complete operating system.

1.02 QUALITY ASSURANCE:

- A. Equipment or components of this contract document section shall meet or exceed the requirements and quality of the items as denoted on the contract documents.
- B. Units shall be A.G.A. certified and conform to latest ANSI standards.
- C. Boilers shall be constructed in accordance with the provisions of Section IV of ASME Boiler and Pressure Vessel Code and shall be stamped with the required official ASME symbol. Boilers shall comply with CSD-1 boiler code requirements, and also be CSA design certified.
- D. Boilers and control components shall be tested in accordance with the requirements of the American National Standard Institute, Specification No. ANSI Z21.13b.
- E. Test and inspect boilers according to the ASME Boiler and Pressure Vessel Code, Section IV. Boilers shall be test fired in the factory with a report attached permanently to the exterior cabinet of the boiler for field reference.
- F. Gas train and safety controls shall conform to requirements of UL 795, CSD-1, IRI and FM.
- G. Provide two (2) year warranty on boilers and accessories including parts and labor necessary to repair or replace the same.

1.03 PRODUCT HANDLING:

- A. Protection: Use means necessary to protect boiler(s) before, during, and after installation.
- B. Replacement and Repair: Scratched, dented, and otherwise damaged units shall be repaired or replaced.

1.04 SHOP DRAWING SUBMITTALS:

- A. Submittals shall be required for the following items, and for additional items where required for a complete and operational system:
 - 1. Boiler product data
 - 2. Boiler Controller
 - 3. Neutralization Basin



4. Manufacturer's Start-up Report

2.00 PART 2 – PRODUCTS

2.01 MANUFACTURERS

- A. Boilers are to be as manufactured by Camus (Avenger Condensing Series), Fulton (Endura Series), RBI (FlexCore), and Cleaver Brooks (ClearFire C Series).

2.02 GENERAL:

- A. The boiler shall be designed so that thermal efficiency increases as the boiler firing rate decreases. Boiler efficiency shall have a minimum efficiency of 85% at maximum fire and 180 deg F return water temperature and 95% at minimum fire and 100 deg F return water temperature.
- B. Factory-packaged unit, complete with jacket, gas manifold, burner and controls mounted and wired, as specified in this Section.
- C. The complete boiler shall be factory fire tested by the manufacturer and a copy of the firetest report shall be supplied with the unit.
- D. All boiler pressure parts shall be constructed in accordance with the latest revision of the ASME Boiler and Pressure Vessel Code, Section IV, and shall be so stamped.

2.03 HEAT EXCHANGER:

- A. STAINLESS FIRE TUBE: The pressure vessel shall be constructed of SA53 carbon steel. The heat exchangers shall be constructed of 316L stainless steel fire tubes and tube sheets with one-pass combustion gas flow.

2.04 BOILER JACKET:

- A. Entire boiler jacket shall be readily removable and reinstalled if necessary.
- B. The unit shall be able to operate with jacket panels removed during inspection or maintenance periods.
- C. Jacket shall be designed to accommodate negative pressure.

2.05 GAS BURNER AND TRAIN

- A. Gas train shall be UL/FM/CSD-1 compliant.
- B. The gas train shall be certified to take a maximum of 2 psi natural gas.
- C. Burner shall be capable of modulating the firing rate without loss of combustion efficiency or staging of gas valves.
- D. Burner shall have hot surface or spark ignition with safeguard.
- E. Burner shall be forced draft gas integral with the boiler.

- F. Combustion chamber shall be suitable for sealed combustion.
- G. Burner emissions shall be low NOX.
- H. An observation port shall be provided for flame observation.
- I. The combustion air blower shall have sufficient capacity at the rated firing rate to provide air for stoichiometric combustion plus the necessary excess air.
- J. The combustion air blower shall be controlled by VFD.

2.06 CONTROLS:

- A. Boiler System Controller:
 - 1. Provide a self-contained, factory furnished control system and LON or BACNET interface. The system shall be indexed from summer/winter modes of operation from the FMS and shall be operated based on input from the FMS.
 - 2. Boilers shall be provided with an integral controller having a minimum of 4-line LCD display. Boiler controller shall have the following features:
 - a. Multiple level of password protection
 - b. Central heating control with outdoor reset control
 - c. Capable of receiving signal from FMS to modulate boiler firing rate to maintain boiler loop water temperature
 - d. Remote setting and troubleshooting
 - e. USB connection for setting, troubleshooting, and trending boiler operation
- B. Boiler Control Sequence:
 - 1. The boilers shall be indexed on and off and indexed into modes of operation by the FMS.
 - 2. Unit mode of operation shall be as follows:
 - a. Lead and lag boilers shall be determined by the FMS.
 - b. Primary loop water reset temperature schedule shall be determined by the FMS. Boilers shall receive a signal from the FMS to modulate power burner(s) to maintain primary loop water temperature set point.

2.07 WATER TRIM

- A. Provide ASME rated pressure relief valve set at 100 psig.
- B. Provide water flow switch to prevent burner operation during low water flow conditions.



- C. Provide an adjustable high limit temperature controller with a manual reset to prevent water temperature from exceeding safe system temperature.

2.08 VENTING AND INTAKE SYSTEM

- A. Provide motorized intake damper to stop combustion air flow through boiler when boiler is not firing.
- B. Air intake piping shall be PVC or galvanized pipe that is sealed and pressure tight.
- C. Boiler shall be certified for installation with Category IV venting as defined in NFPA 54 (ANSI Z221), latest edition. Use tapered termination or exhaust cones at exhaust outlet to alleviate any restriction of lower temp flues gasses.
- D. Extend corrosion resistant piping from vent drain to nearest floor drain complete as required. Provide model FMC J-12-58 neutralizer in drainpipe.

2.09 NEUTRALIZATION BASIN

- A. Provide 25 gallon neutralization basin, with neutralizing agent, for each boiler. Inlet and outlet of neutralization basin shall be located below connection to boiler condensate drain.
- B. Condensate drain piping shall be corrosion resistant and provide condensate trap (minimum 4" deep) between boiler and neutralization basin. Route drain lines from neutralization basin to nearest floor drain.

3.00 PART 3 EXECUTION

3.01 WARRANTY AND MAINTENANCE:

- A. During the warranty and maintenance period, the boiler/burner package inclusive of accessories shall be lined-up, adjusted and started by a qualified representative of the boiler manufacturer for the intended operating conditions and shall be left in first class working condition ready for continuous and satisfactory operation at the beginning of each heating season. Start-up shall be performed with Owner's maintenance personnel present.
- B. During the warranty and maintenance period, the boiler/burner package inclusive of every accessory shall be shut-down by a qualified representative of the boiler manufacturer. Shut down shall be performed with Owner's maintenance personnel present.

3.02 INSTALLATION:

- A. Equipment Installation:
 - 1. Provide permanent placard attached to unit identifying unit number.
 - 2. Install all field-installed options shipped loose with equipment per manufacturer's recommendations.



3. Install boilers level and plumb, according to manufacturer's written instructions and referenced standards.
 4. Install electrical devices furnished with boiler, but not specified to be factory mounted.
 5. Install loose trim furnished with boilers per manufacturer's recommendations.
 6. Remove burrs, dirt, and construction debris and repair damaged finished including chips, scratches, and abrasions with manufacturer's touchup paint.
- B. Piping Installation:
1. Install hot water supply and return, gas and condensate piping as required for a complete and operational system. Provide accessories as required based on actual field pipe routing and system requirements.
 2. Piping shall be brought to equipment connections in such a manner so as to prevent the possibility of loads or stresses being applied to the connections.
 3. Install a 1" drain valve on the outlet piping prior to the first shut off valve.
 4. Provide neutralization basin for condensate drain.
 5. Connect hot-water piping to supply and return boiler connections with shut off valve and union or flange at each connection.
 6. Install piping from safety-relief valves to nearest floor drain.
 7. Provide gas vent piping out to atmosphere for pilot pressure relief valve, main gas pressure relief valve, electric solenoid valves and gas pressure switches, etc.
- C. Control System:
1. Control wiring is to be in accordance with local, federal, state, and national electric wiring codes.
 2. Unit is to be controlled by the FMS. Coordinate installation of thermostats, sensors, alarms, burner modulation controls, etc. with FMS requirements.
- D. Boiler Vent:
1. Connect stack to boiler outlet, full size of outlet. The boiler shall operate under positive (Category IV) stack pressure. Vent material must be listed AL29-4C Stainless Double Wall Stack for condensing appliances. Route flue condensate drain piping from base of stack to the neutralization basin. Manufacturer to verify exhaust vent termination is installed per manufacturer's recommendations.
 2. Connect combustion air intake, full size of outlet. Combustion air intake material to be schedule 40 PVC pipe.

E. Manufacturer Start-up:

1. Arrange and pay for tests and start-up fee required for installation of equipment.
2. Equipment manufacturer shall furnish required control devices, panels, sensors, wiring diagrams, etc. for the installation. Manufacturer shall work with the FMS contractor and assist in the initial equipment controls set up for a complete and operational system and to verify that required temperature control sequences (lead lag control, hot water reset, burner modulation, etc.) are operational.
3. Engage a factory-authorized service representative to provide startup service. Start up to be performed only after complete boiler room operation is field verified to offer a substantial load, and complete system circulation. Coordinate start-up with temperature control manufacturer's representative.
4. Manufacturer's representative shall instruct the maintenance personnel in the care and operation of the equipment.
5. Submit manufacturer's start-up report for review. As a minimum, start up report shall contain the following information:
 - a. Electrical connections and terminals have been connected and are tight.
 - b. Gas piping has been checked for leaks.
 - c. Maintenance personnel have been instructed in the care and operation of the equipment.
 - d. Field supplied options shipped loose have been installed per manufacturer's recommendations.
 - e. Heating capacity control functions properly.
 - f. Boilers have been flushed and clean upon completion of installation, according to manufacturer's written instructions.
 - g. Temperature control points are communicating with FMS system.
 - h. Boiler exhaust termination meets manufacturer's recommendations.

END OF SECTION 23 52 16



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LEGEND:

PROPOSED

AD

(A) TYPICAL ASPHALT

(B) HEAVY DUTY ASPHALT

(C) CONCRETE PAVEMENT

(D) PLAYGROUND SOFT PLAY

(E) CONCRETE SIDEWALK & COMBING CURB/WALK

(F) HIGH-BACK CURB

(G) ROLL CURB

(H) HANDICAP ACCESS RAMP

(I) NEW LIGHT (SEE ELECTRICAL)

(J) FENCE

AD-3

PARKING SPACE COUNT

ALL PARKING SPACES ARE 9 FEET
WIDE BY 20 FEET DEEP.

REGULAR SPACES = 196
HANDICAP SPACES = 10

TOTAL SPACES = 206

HANDICAP RAMP NOTES:

1) ALL EXISTING HANDICAP RAMPS THAT ARE NOT ADA COMPATIBLE SHALL BE REMOVED AND REPLACED.

2) ALL SIDEWALK/PATH CROSSINGS REQUIRE DETECTABLE WARNING ELEMENTS WITH ADA COMPLIANT RAMPS TO BE INSTALLED

ADDENDUM NUMBER 1:

ALL PAVEMENT AREAS HAVE BEEN
CHANGED TO HEAVY DUTY PAVEMENT.
SEE DETAIL ON SHEET C-40

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PROJECT 21-112	
DATE 02/07/22	
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CHECKED BY DCT	

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AD-3	3-3-22	ADDENDUM NO. 3

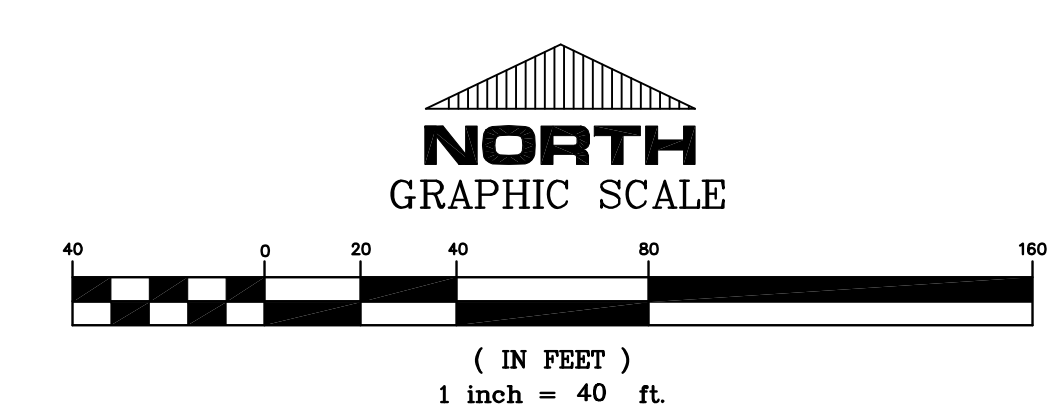
DRAWING
SITE PLAN

PROJECT
TIMOTHY BALL ES ADDITIONS AND
RENOVATIONS

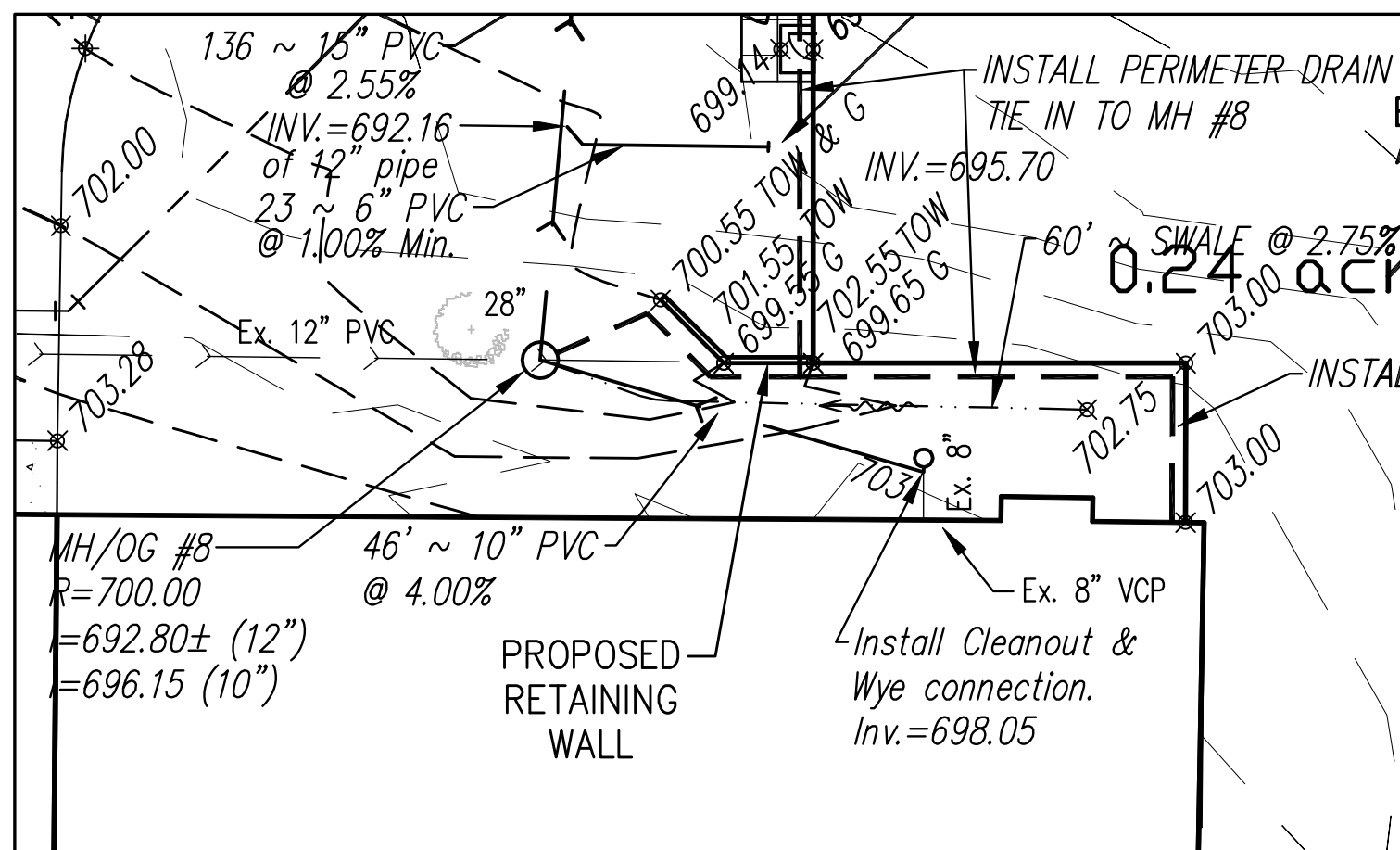
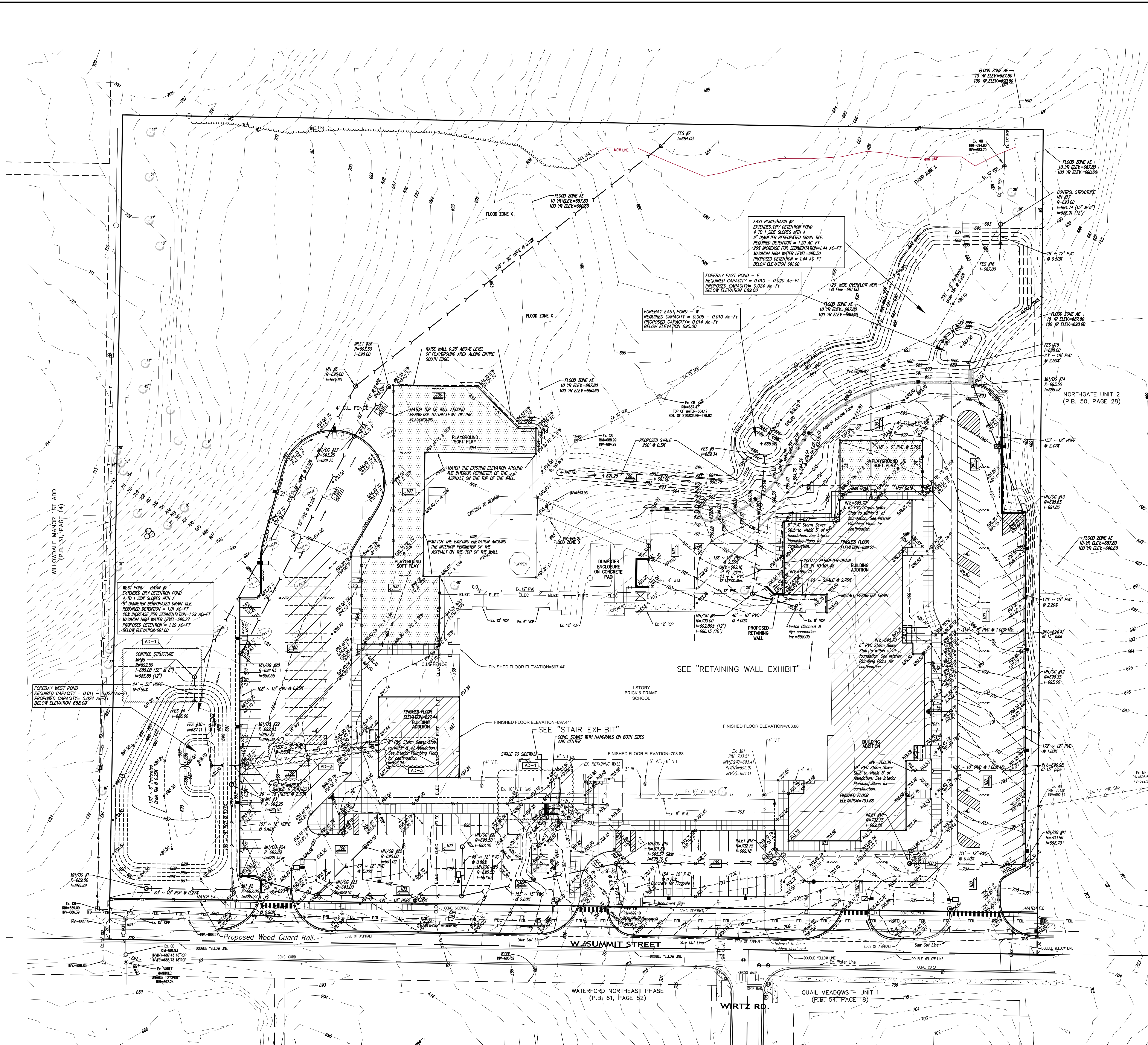
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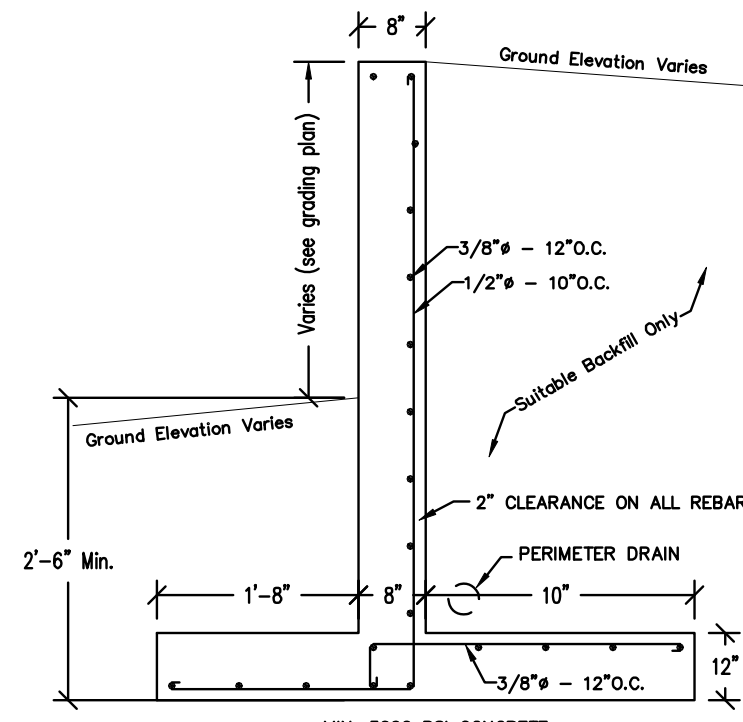
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RETAINING WALL EXHIBIT



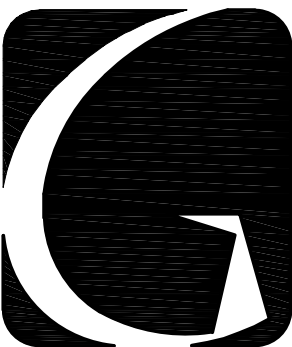
NOTES:
1. THIS DETAIL FOR REFERENCE ONLY.
SEE S-203 FOR RETAINING WALL DESIGN.

LEGEND

- MANHOLE
- CATCH BASIN/INLET
- FIRE HYDRANT
- WATER VALVE
- GRADE PROPOSED
- FINISHED GRADE
- STORM SEWER
- SANITARY SEWER
- WATER MAIN
- TOP OF SIDEWALK
- TOP OF PAVEMENT
- TOP OF CURB
- EXISTING GROUND/PAVEMENT
- TOP OF WALL
- FINISHED GRADE
- 100 YEAR FLOOD ROUTING

NOTE:

- The Contractor is responsible to verify all existing site conditions and shall notify the Architect/Engineer immediately of any discrepancies between the existing conditions and all proposed improvements in the construction drawings.
- The Contractor shall incorporate the existing retaining wall west of the building entrance on the south side of the building into the new stairway.



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DRAWING
C-3.0



TIMOTHY BALL ES ADDITION AND RENOVATIONS



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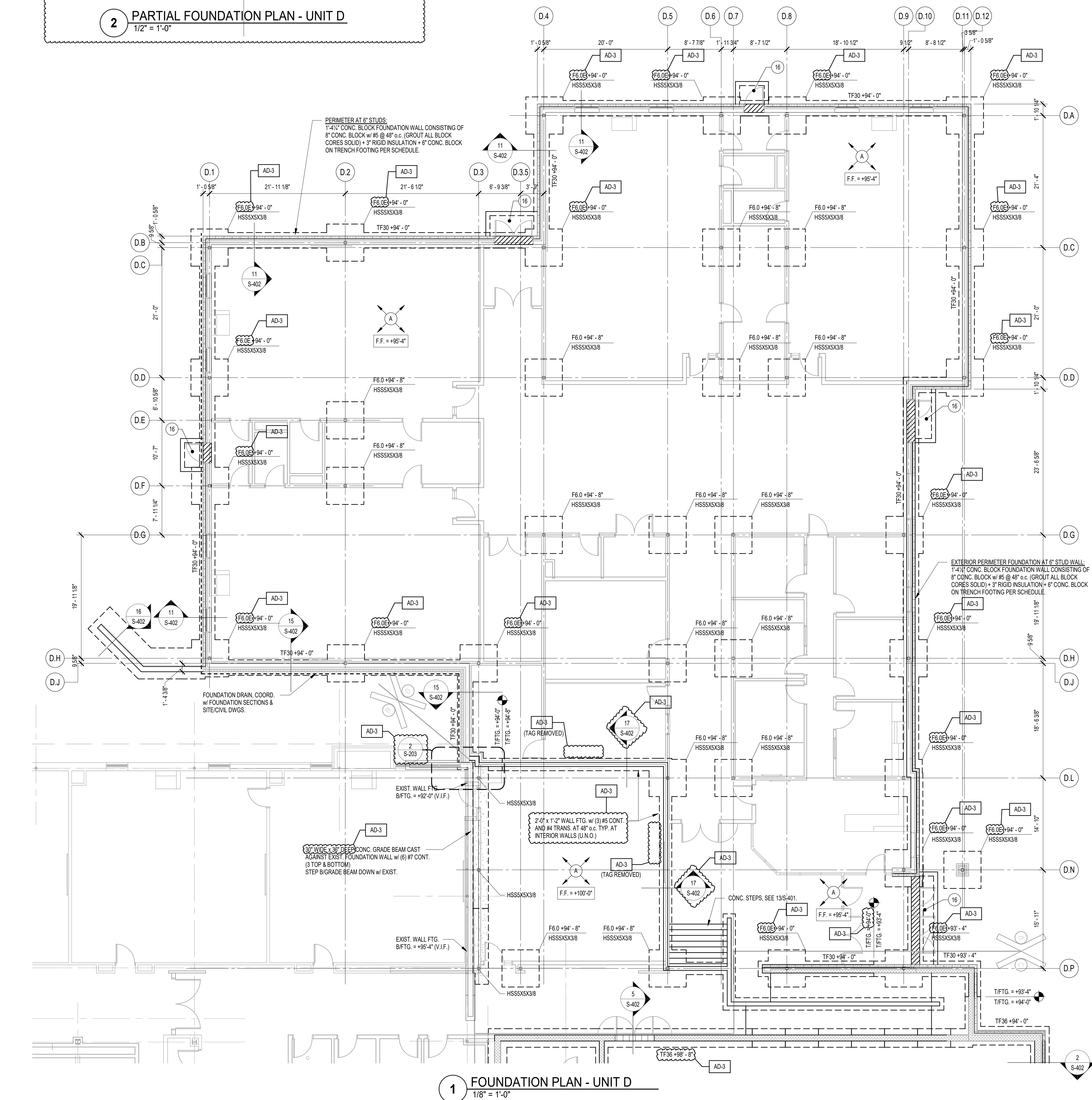
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S-203

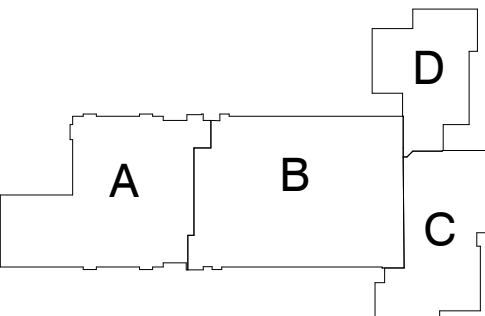


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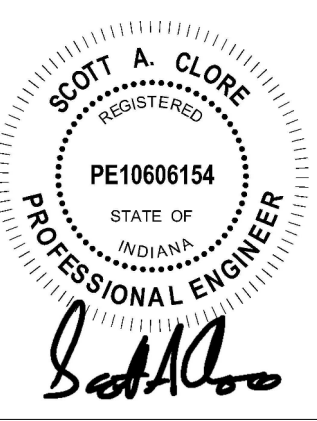
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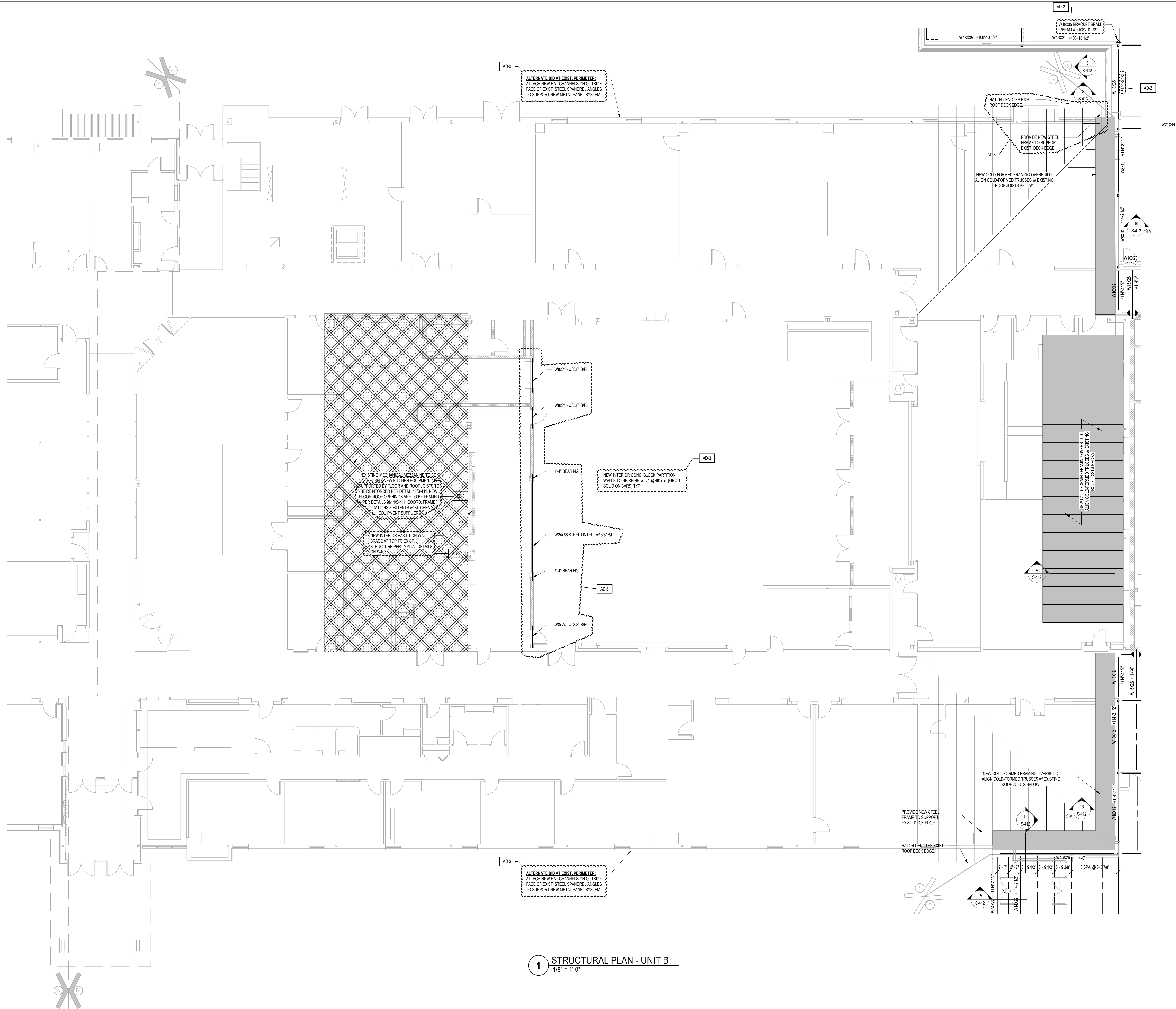
DRAWING
LOW/HIGH ROOF FRAMING
PLAN - UNIT B

PROJECT
**TIMOTHY BALL ES ADDITION AND
RENOVATIONS**

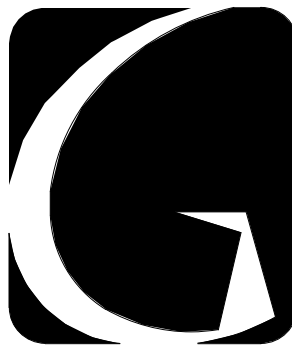
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S-205



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



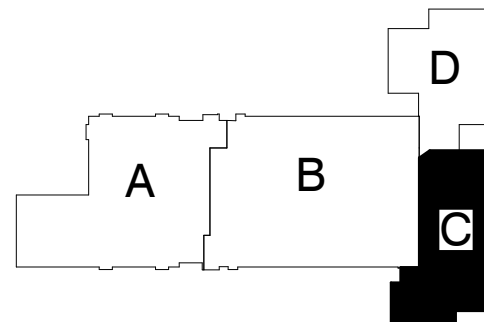
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DRAWING
LOW ROOF FRAMING PLANS
- UNIT C

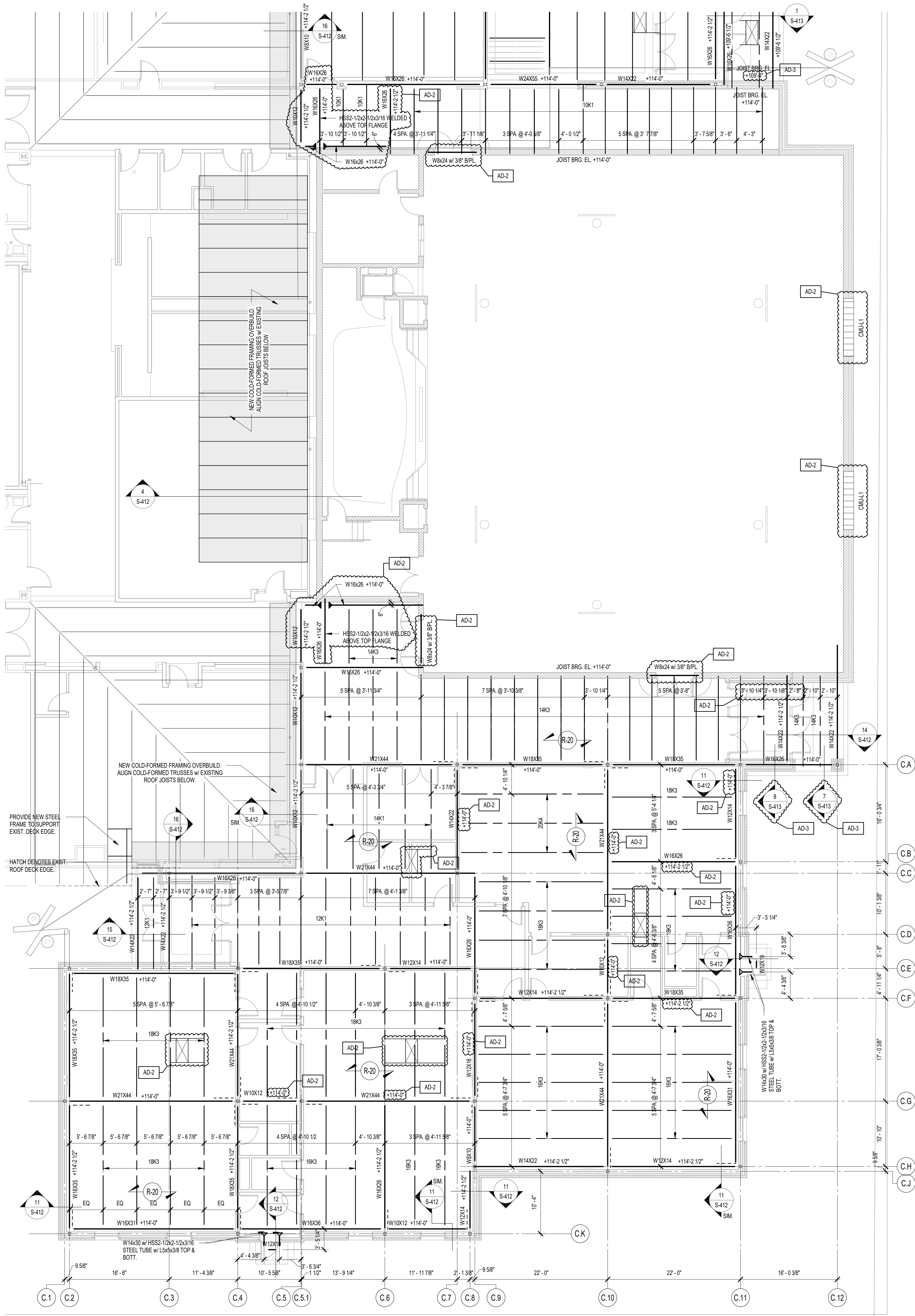
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C

S-206

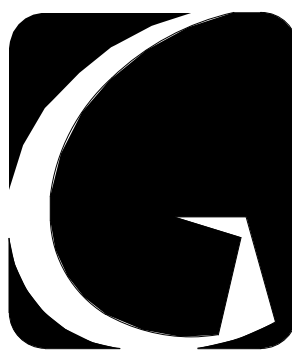


1 LOW/HIGH ROOF FRAMING PLAN - UNIT C
1/8" = 1'-0"

FRAMING PLAN NOTES

- REF. S-401 FOR STRUCTURAL NOTES, DESIGN DATA, SCHEDULES & LEGENDS.
- REF. THE S-400 SERIES FOR TYPICAL FRAMING AND MASONRY 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 +100'-0". COORD. USGS ELEVATION WITH 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.
- SEE FOUNDATION PLANS FOR SIZES OF STEEL COLUMNS SUPPORTED ON FOUNDATIONS.
- REF. S-411 FOR TYPICAL CONNECTION & FRAMING DETAILS.
- REF. S-401 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 AS-411.
- INSTALL CONTINUOUS ANGLES AT ALL PERIMETER ROOF EDGES. SEE DETAIL XIS-XXX FOR ATTACHMENT TO BEAM AND FOR ALL CONDITIONS NOT SPECIFICALLY DEFINED IN FRAMING SECTIONS.
- 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 CONTRACTORS. 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 S-411. COORDINATE EXACT NUMBER, LOCATION & DIMENSIONS WITH THE APPROPRIATE CONTRACTORS & THE ARCH. & MEP DRAWINGS.
- PROVIDE FRAMES AT ALL ROOF DRAINS, ROOF HATCHES & OTHER ROOF OPENINGS PER TYPICAL DETAILS ON S-411. COORD. EXACT NUMBER, LOCATION & 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 (10'-0" O.C. MAX VERTICAL SPACING). PROVIDE 1/2 OF INTERRUPTED VERTICALS AT JAMBS OF OPENINGS AND PROVIDE ADDITIONAL VERTS. AT ENDS OF WALLS.
- ALL MASONRY BOND BEAMS, OTHER THAN BOND BEAM LEVELS 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 SJI 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.
- PLAN LEGEND

- T/X DENOTES TOP OF STEEL, SLAB, ETC.
- E.O.S. DENOTES EDGE OF SLAB (MEASURED FROM BEAM C.L.)
(or EOD) SEE TYPICAL DETAIL AS-410
- E.O.D. DENOTES EDGE OF DECK (MEASURED FROM BEAM C.L.)
(or EOD) NOTE: PERIMETER ROOF ANGLE/BENT PL NOT REQUIRED
- DENOTES 1'-10", 20 GA. WIDE RIB STEEL ROOF DECK, PRIME PAINTED ONLY.
- DENOTES 1'-10", 20 GA. GALV. COMPOSITE STEEL FLOOR DECK +3'-1/2" N.W. CONCRETE TOPPING w/ 6# W2.1WV2.1 W.W.F. (5" TOTAL SLAB T).
- DENOTES 1'-10", 20 GA. WIDE RIB ACQUISTICAL STEEL ROOF DECK, PRIME PAINTED (BOTH SIDES) ONLY.
- DENOTES BEAM-TO-COLUMN MOMENT CONNECTION PER DETAIL 6IS-411
- DENOTES BEAM-THRU-BEAM MOMENT CONNECTION PER DETAIL SIS-411
- DENOTES BEAM SIZE
- DENOTES TOP OF STEEL ELEVATION
- TYP. BRACING NOTATION - REFER TO TYP. DETAIL 7IS-411 FOR MORE INFORMATION
- DENOTES HSS4x4x5/16 KNEE BRACE



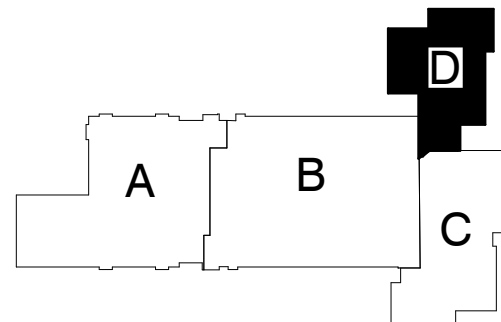
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PROJECT

TIMOTHY BALL ES ADDITION AND RENOVATIONS

CROWN POINT COMMUNITY
SCHOOL CORPORATION
CEDAR LAKE, INDIANA

KEY PLAN



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REVISIONS

MARK	DATE	ISSUED FOR
AD-2	02.24.2022	ADDENDUM #2
AD-3	03.02.2022	ADDENDUM #3

DRAWING

ROOF FRAMING PLAN - UNIT D

PROJECT

TIMOTHY BALL ES ADDITION AND
RENOVATIONS

© GIBALTAR DESIGN

SHEET

D

S-207

FRAMING PLAN NOTES

- REF. S-01 FOR STRUCTURAL NOTES, DESIGN DATA, SCHEDULES & LEGENDS.
- REF. THE S-400 SERIES FOR TYPICAL FRAMING AND MASONRY 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 +107'-0". COORD. USGS ELEVATION WITH 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.
- SEE FOUNDATION PLANS FOR SIZES OF STEEL COLUMNS SUPPORTED ON FOUNDATIONS.
- REF. S-411 FOR TYPICAL CONNECTION & FRAMING DETAILS.
- REF. S-412 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 6S-411.
- INSTALL CONTINUOUS ANGLES AT ALL PERIMETER ROOF EDGES. SEE DETAIL XS-XXX FOR ATTACHMENT TO BEAM AND FOR ALL CONDITIONS NOT SPECIFICALLY DEFINED IN FRAMING SECTIONS.
- 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 S-411. COORDINATE EXACT NUMBER, LOCATIONS & DIMENSIONS WITH THE APPROPRIATE CONTRACTORS & THE ARCH. & MEP DWGS.
- PROVIDE FRAMES AT ALL ROOF DRAINS, ROOF HATCHES & OTHER ROOF OPENINGS PER TYPICAL DETAILS ON S-411. 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 (10'-0" O.C. MAX VERTICAL SPACING). PROVIDE 12 OF INTERPRETED 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 SJI 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.
- PLAN LEGEND:

TX/ DENOTES TOP OF STEEL, SLAB, ETC.

E.O.S. (or EOS) DENOTES EDGE OF SLAB (MEASURED FROM BEAM C.L.) SEE TYPICAL DETAIL AS-410

E.O.D. (or EOD) DENOTES EDGE OF DECK (MEASURED FROM BEAM C.L.) NOTE: PERIMETER ROOF ANGLE/BEAM PL NOT REQUIRED

R-20 DENOTES 1-1/2" 20 GA. WIDE RIB STEEL ROOF DECK, PRIME PAINTED ONLY.

F DENOTES 1-1/2" 20 GA. GALV. COMPOSITE STEEL FLOOR DECK + 3-1/2" N.W. CONCRETE TOPPING W/ 6# W2 W/ 2-1 W/W.F. (5" TOTAL SLAB TYP.)

R-20A DENOTES 1-1/2" 20 GA. WIDE RIB ACoustical STEEL ROOF DECK, PRIME PAINTED (BOTH SIDES) ONLY.

Denotes BEAM-TO-COLUMN MOMENT CONNECTION PER DETAIL 6S-411

Denotes BEAM-THRU-BEAM MOMENT CONNECTION PER DETAIL 6S-411

Denotes BEAM SIZE

W24X55 +115'-7"

Denotes TOP OF STEEL ELEVATION

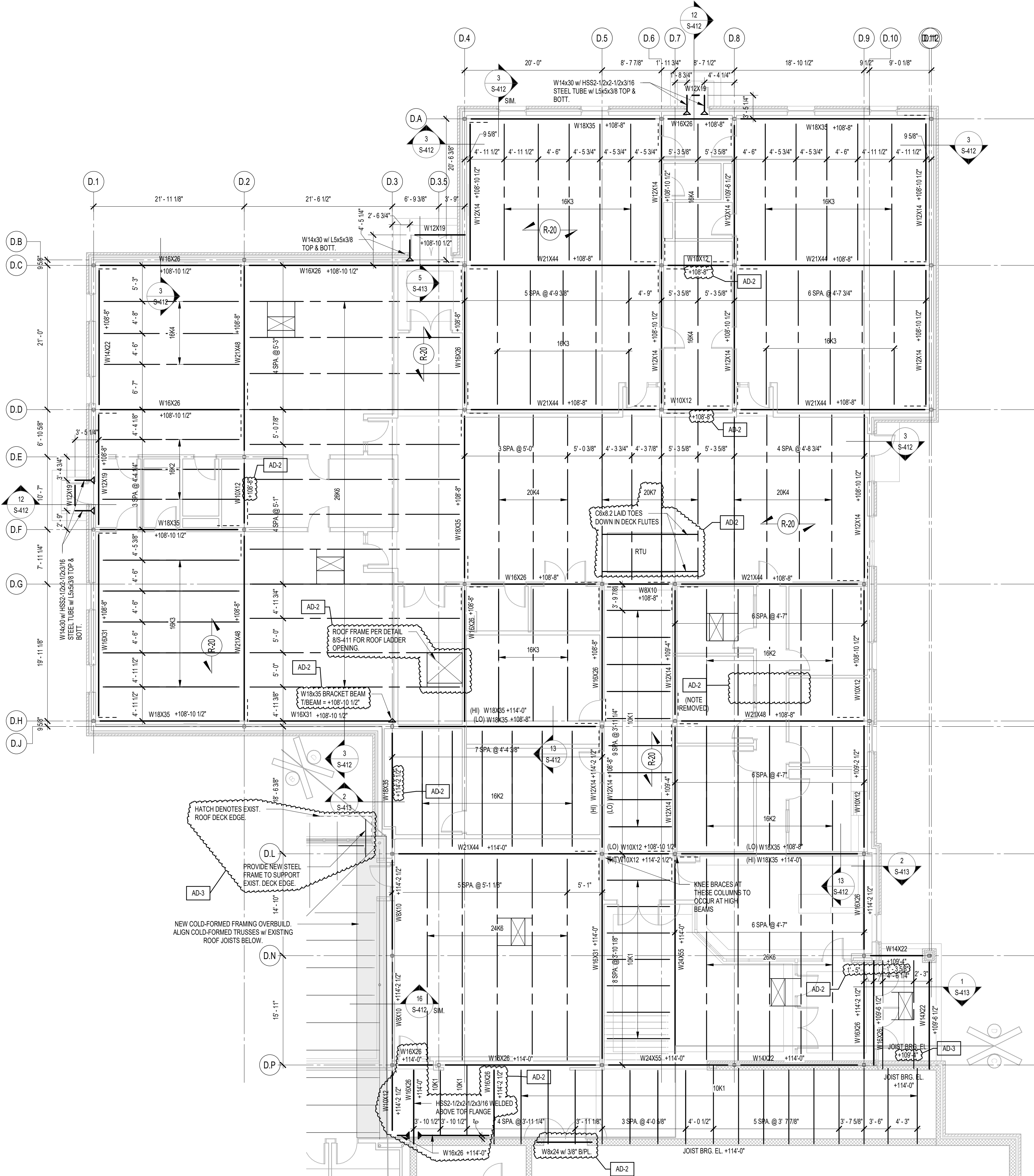
TYP. BRACING NOTATION - REFER TO TYP. DETAIL 7S-411 FOR MORE INFORMATION

W18X26

Denotes HSS4x4x5/16 KNEE BRACE

AD-2

Denotes APPROX. LOCATION OF FRAMED OPENING FOR ROOF DRAIN OR ROOF HATCH. REFER TO DETAIL 6S-411. COORD. EXACT LOCATION W/ MECH. CONTRACTOR.



1 SECOND FLOOR FRAMING PLAN - UNIT D

1/8" = 1'-0"



TIMOTHY BALL ES ADDITION AND RENOVATIONS

FRAMING PLAN NOTES

- REF. S-01 FOR STRUCTURAL NOTES, DESIGN DATA, SCHEDULES & LEGENDS.
- REF. E-S-400 SERIES FOR TYPICAL FRAMING AND MASONRY DETAILS.
- ALL CONTRACTORS ARE REQUESTED TO REVIEW 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 SHALL BE INSTALLED.
- ALL ELEVATIONS ARE REFERENCED FROM THE FIRST FLOOR FIN. FLOOR ELEVATION +100'-0". CORO. LIGGS ELEVATION WITH CIVIL DWGS.
- REF. ARCH. DRAWINGS FOR ALL DETAILS. CONTRACTOR SHALL VERIFY ALL DIMENSIONS PRIOR TO CONSTRUCTION AND IMMEDIATELY NOTIFY ARCHITECT/ENGINEER OF ANY DISCREPANCIES.
- SEE FOUNDATION PLANS FOR ALL STEEL COLUMN SUPPORTS ON FOUNDATIONS.
- REF. S-411 FOR TYPICAL CONNECTION & FRAMING DETAILS.
- REF. S-421 FOR TYPICAL MASONRY DETAILS.
- INSTALL CONTINUOUS REIN. PLATEWELL JOINTS AT ALL ELEVATED SLAB/SEC. FEMINER EDGES AND AROUND ALL INTERIOR FLOOR OPENINGS (BOTH SHOWN AND NOT SHOWN). SEE DETAIL 45-411.
- INSTALL CONTINUOUS ANGLES AT PERIMETER ROOF EDGES. SEE DETAIL XS-VXX-F. ATTACHMENT TO BEAM AND FOR ALL CONDITIONS NOT SPECIFICALLY DEFINED IN FRAMING SECTIONS.
- 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 CONTRACTORS'. 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. S-411. COORDINATE EXACT NUMBER, LOCATION & DIMENSIONS WITH THE APPROPRIATE CONTRACTORS & THE ARCH. & MEP DWGS.
- PROVIDE FRAMES AT ALL ROOF IRANS, ROOF ARCHES & OTHER ROOF OPENINGS PER TYPICAL DETAILS ON S-411. 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 4" VERTS & 4" @ 4'-0". PROVIDE OPEN-ROCK BOND BEAMS AT TOPS OF WALLS. AT CHANGES IN CMU THICKNESS, AND WHERE INDICATED ON PLANS & SECTIONS (11'-0" @ CMU MAX. VERTICALS), PROVIDE 1/2" OF INTERRUPTED VERTICALS AT JUNCTIONS OF OPENINGS AND PROVIDE ADDITIONAL VERTS AT ENDS OF WALLS.
- ALL MASONRY BOND BEAMS, OTHER THAN BOND BEAM UNITS OVER OPENINGS, SHALL BE OPENED. BOND BEAM TO ALLOW VERTICAL REINFORCING TO PASS THROUGH, UNLESS NOTED OTHERWISE.
- REF. ARCH. DWGS. FOR MASONRY CONTROL & EXPANSION JOINT LOCATIONS.
- ALL HORIZONTAL AND DIAGONAL BRACING FOR STEEL JOISTS SHALL BE DESIGNED, LOCATED & PROVIDED BY THE JOIST SUPPLIER PER SJI 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 DEEP LUG DEFLECTIONS IN THE SUPPORTING STRUCTURE. THE FINISHED SLAB SHALL MEET THE SLATNESS REQUIREMENTS DEFINED IN THE SPECIFICATION.
- PLAN LEGEND:

T/X

E.O.D.

(PER EOC)

DENOTES TOP OF STEEL SLAB, ETC.

DENOTES EDGE OF SLAB (MEASURED FROM BEAM C.L.)


SEE TYPICAL DETAIL 45-411

E.O.D.


(PER EOD)

DENOTES EDGE OF DECK (MEASURED FROM BEAM C.L.)

NOTE: PERIMETER ROOF ANGLEMENT NOT REQUIRED



R-20




F

F.F. = SEE PLAN

DENOTES 1'-10" 20 GA. WIDE RIB STEEL ROOF DECK

PRIME PAINTED ONLY

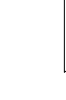


R-20A

DENOTES 1'-10" 20 GA. GALV. COMPOSITE STEEL

FLOOR DECK, 1'-10" 2" W.F. CONCRETE TOPPING


W/ 6#12 TOP (2W/2" W.W.F. TOTAL SLAB 1")



R-20A

DENOTES 1'-10" 20 GA. WIDE RIB ACOUSTICAL STEEL

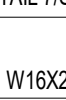
ROOF DECK, PRIME PAINTED (BOTH SIDES) ONLY



W3x26

DENOTES BEAM-TO-COLUMN MOMENT

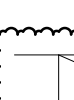
CONNECTION PER DETAIL 65-411



W3x26

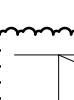
DENOTES BEAM-THRU-BEAM MOMENT

CONNECTION PER DETAIL 65-411



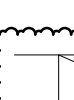
AD-2

DENOTES BEAM SIZE



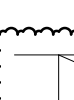
AD-2

DENOTES TOP OF STEEL ELEVATION



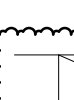
AD-2

DENOTES HSS4x4x16 KNEE BRACE



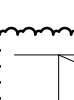
AD-2

DENOTES TOP OF STEEL ELEVATION



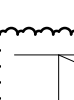
AD-2

DENOTES TOP OF STEEL ELEVATION



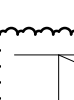
AD-2

DENOTES TOP OF STEEL ELEVATION



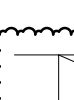
AD-2

DENOTES TOP OF STEEL ELEVATION



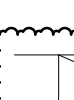
AD-2

DENOTES TOP OF STEEL ELEVATION



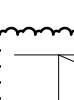
AD-2

DENOTES TOP OF STEEL ELEVATION



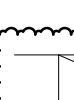
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DENOTES TOP OF STEEL ELEVATION



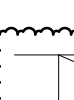
AD-2

DENOTES TOP OF STEEL ELEVATION



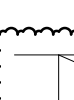
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DENOTES TOP OF STEEL ELEVATION



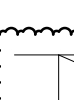
AD-2

DENOTES TOP OF STEEL ELEVATION



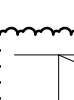
AD-2

DENOTES TOP OF STEEL ELEVATION



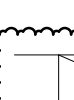
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DENOTES TOP OF STEEL ELEVATION



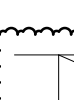
AD-2

DENOTES TOP OF STEEL ELEVATION



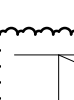
AD-2

DENOTES TOP OF STEEL ELEVATION



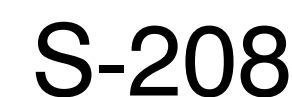
AD-2

DENOTES TOP OF STEEL ELEVATION



AD-2

DENOTES TOP OF STEEL ELEVATION



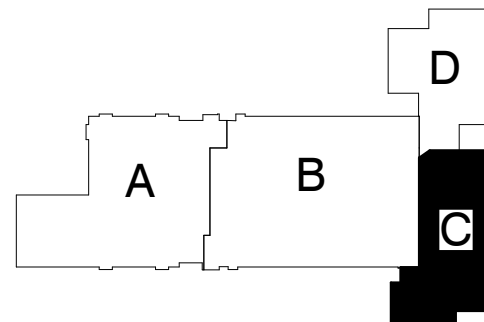


GIBALTAR
DESIGN
ARCHITECTURE • ENGINEERING • INTERIOR DESIGN

PROJECT

**TIMOTHY BALL
ES ADDITION
AND
RENOVATIONS**

CROWN POINT COMMUNITY
SCHOOL CORPORATION
CEDAR LAKE, INDIANA



KEY PLAN

GIBALTAR DESIGN

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Indianapolis, IN 46260
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PROJECT

21-112

DATE

2/7/21

COORDINATED BY

NHF

DRAWN BY

NHF

CHECKED BY

SAC



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REVISIONS

MARK	DATE	ISSUED FOR
AD-2	02.24.2022	ADDENDUM #2
AD-3	03.02.2022	ADDENDUM #3

DRAWING
HIGH ROOF FRAMING PLAN -
UNIT C

PROJECT
TIMOTHY BALL ES ADDITION AND
RENOVATIONS

© GIBALTAR DESIGN

SHEET

C

S-209

FRAMING PLAN NOTES

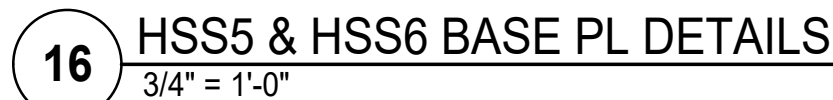
- REF. S-001 FOR STRUCTURAL NOTES, DESIGN DATA, SCHEDULES & LEGENDS.
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- ALL ELEVATIONS ARE REFERENCED FROM THE FIRST FLOOR FIN. FLOOR ELEVATION +100'-0". COORD. USGS ELEVATION WITH CIVIL DWGS.
- REF. ARCH. DRAWINGS FOR ALL DIMENSIONS NOT SHOWN. CONTRACTOR SHALL VERIFY ALL DIMENSIONS PRIOR TO CONSTRUCTION AND IMMEDIATELY NOTIFY ARCHITECT/ENGINEER OF ANY DISCREPANCIES.
- SEE FOUNDATION PLANS FOR SIZES OF STEEL COLUMNS SUPPORTED ON FOUNDATIONS.
- REF. S-411 FOR TYPICAL CONNECTION & FRAMING DETAILS.
- REF. S-421 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 4S-411.
- INSTALL CONTINUOUS ANGLES AT ALL PERIMETER ROOF EDGES. SEE DETAIL XS-XXX FOR ATTACHMENT TO BEAM AND FOR ALL CONDITIONS NOT SPECIFICALLY DEFINED IN FRAMING SECTIONS.
- 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 S-411. COORDINATE EXACT NUMBER, LOCATIONS & DIMENSIONS WITH THE APPROPRIATE CONTRACTORS & THE ARCH. & MEP DRAWINGS.
- PROVIDE FRAMES AT ALL ROOF DRAINS, ROOF HATCHES & OTHER ROOF OPENINGS PER TYPICAL DETAILS ON S-411. 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 (10" O.C. MAX VERTICAL SPACING). PROVIDE 1/2 OF INTERRUPTED VERTICALS AT JAMBS OF OPENINGS AND PROVIDE ADDITIONAL VERTS. AT ENDS OF WALLS.
- ALL MASONRY BOND BEAMS, OTHER THAN BOND BEAM UNTELS 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 SJA 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.
- PLAN LEGEND:

- TX/ DENOTES TOP OF STEEL, SLAB, ETC.
- E.O.S. (or EOS) DENOTES EDGE OF SLAB (MEASURED FROM BEAM C.L.)
SEE TYPICAL DETAIL AIS-410
- E.O.D. (or EOD) DENOTES EDGE OF DECK (MEASURED FROM BEAM C.L.)
NOTE: PERIMETER ROOF ANGLE/BENT PL. NOT REQUIRED
- (R-20) DENOTES 1-1/2", 20 GA. WIDE RIB STEEL ROOF DECK, PRIME PAINTED ONLY.
- (F) DENOTES 1-1/2", 20 GA. GALV. COMPOSITE STEEL FLOOR DECK-S-1/2" N.W. CONCRETE TOPPING w/ 6# W2.1W/W.F. (5" TOTAL SLAB TH)
- F.F. - SEE PLAN
- (R-20A) DENOTES 1-1/2", 20 GA. WIDE RIB ACoustICAL STEEL ROOF DECK, PRIME PAINTED (BOTH SIDES) ONLY.
- BEAM-TO-COLUMN MOMENT CONNECTION PER DETAIL 6S-411
- BEAM-THRU-BEAM MOMENT CONNECTION PER DETAIL 5S-411
- W24X55 DENOTES BEAM SIZE
- W16X26 DENOTES HSS4x4x5/16 KNEE BRACE
- W16X26 DENOTES HSS4x4x5/16 KNEE BRACE
- AD-2 DENOTES APPROX. LOCATION OF FRAMED OPENING FOR ROOF DRAIN OR ROOF HATCH. REFER TO DETAIL 6S-411. COORD. EXACT LOCATION w/ MECH. CONTRACTOR.
- TYP. BRACING NOTATION - REFER TO TYP. DETAIL 7IS-411 FOR MORE INFORMATION

1 GYM ROOF FRAMING
1/4" = 1'-0"



TIMOTHY BALL ES ADDITION AND RENOVATIONS




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CROWN POINT COMMUNITY
SCHOOL CORPORATION
CEDAR LAKE, INDIANA

GIBRALTAR DESIGN

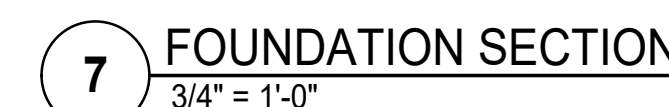
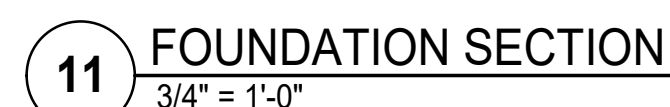
PROJECT 21-112	
DATE 2/7/21	
COORDINATED BY NHF	
DRAWN BY NHF	
CHECKED BY SAC	

REVISIONS

[illegible]

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S-402





TIMOTHY BALL ES ADDITION AND RENOVATIONS



- SUBMIT PROPOSED FASTENERS & TECHNICAL DATA FOR REVIEW
5. PROVIDE MFR'S STD. INERT, NON-ORGANIC FIBER SOUND-ABSORBING BATTs PLACED IN RIB OPENINGS. NRC = 0.65.
 6. REFER TO SPECIFICATIONS FOR ADDITIONAL INFORMATION.

NOTE

4. REFER TO SPECIFICATIONS FOR ADDITIONAL INFORMATION.
5. SIDELAPS MAY BE NESTING, OR INTERLOCKING AT CONTRACTOR'S OPTION.

NOTE:

4. USE THE FOLLOWING HILTI POWER ACTUATED FASTENERS:
X-HSN 24 FOR OPEN-WEB STEEL JOISTS & STRUCTURAL STEEL $1/8" \leq t \leq 3/8"$

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SHEET

S-411



PLAN



10 TYPICAL ROOF DECK SUPPORT AT DECK CHANGE
3/4" = 1'-0"



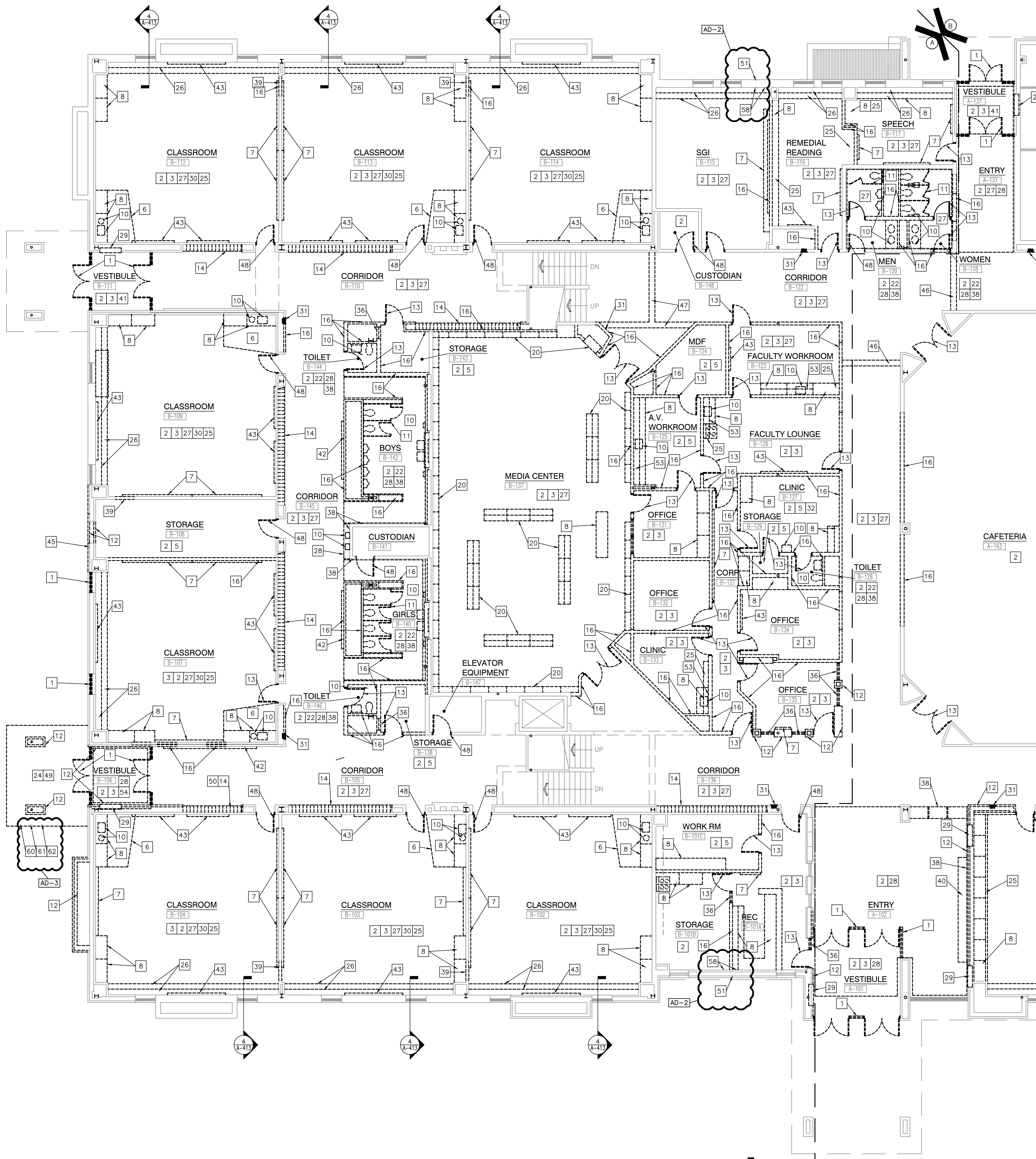
8 Roof Opening Frame 1.5" Deck
3/4" = 1'-0"



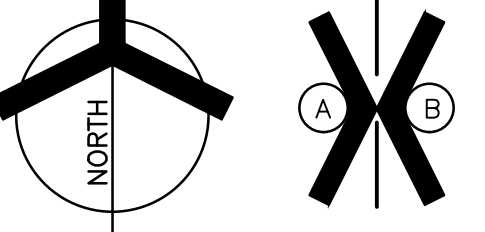
NOTE: ASSUME THAT ALL BENT PLATE SLAB EDGES SHALL BE FIELD WELDED AFTER ADJUSTMENT TO MAINTAIN TOLERANCES AND REQ'D. CLEARANCES. SLAB CLOSURES FOR SHORT MEMBERS, OR FOR SLAB EDGES WHERE TOLERANCES ARE NOT CRITICAL, MAY BE SHOP-WELDED PENDING APPROVAL OF THE ENGINEER. THE FABRICATOR & ERECTOR SHALL COORDINATE ALL FIELD WELDING VS. SHOP WELDING AT THE TIME OF BIDDING. LACK OF FIELD WELD SYMBOLS ON SPECIFIC SECTIONS DOES NOT RELIEVE THE FABRICATOR/ ERECTOR FROM THE RESPONSIBILITY TO MAINTAIN TOLERANCES.



Thursday, 3/3/2022 - 4:04 PM - LAST SAVED BYTALLEN
Y:\21-112 CROWN POINT CSC - TIMOTHY BALL ES
ADDITION AND RENOVATIONS\21-112 DRAWINGS\05
ARCH\0101.DWG



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



- 31 REMOVE FIRE EXTINGUISHER CABINET AND FIRE EXTINGUISHER, SALVAGE FIRE EXTINGUISHERS FOR INSTALLATION IN NEW CABINETS OR RELOCATED EXISTING CABINETS. COORDINATE ON SIGHT.
- 32 REMOVE CURTAIN TRACK AND CURTAIN IN THEIR ENTIRETY.
- 33 DEMOLISH EXISTING TERRAZZO, CONCRETE SLAB AND INSULATION TO BASE SLAB BELOW COMPLETE.
- 34 DEMOLISH BRICK, MASONRY AND CONCRETE STOOP COMPLETE.
- 35 EXISTING DOOR FRAME TO REMAIN. REMOVE DOOR, TRANSOM AND HARDWARE.
- 36 REMOVE HOLLOW METAL FRAME AND GLAZING IN ITS ENTIRETY.
- 37 REMOVE ACOUSTICAL PANELS IN THEIR ENTIRETY. PATCH AND REPAIR WALLS AS REQUIRED TO RECEIVE NEW FINISHES.
- 38 REMOVE CERAMIC TILE WALL SYSTEM IN ITS ENTIRETY. PREPARE EXISTING WALL AS REQUIRED TO RECEIVE NEW FINISHES.
- 39 ALTERNATE: DEMOLISH, PATCH AND REPAIR WALL CONSTRUCTION TO RECEIVE NEW DOOR. GRIND AND PREPARE FLOOR AS REQUIRED.
- 40 REMOVE BRICK BENCH IN ITS ENTIRETY. PREPARE FLOOR AND WALL AS REQUIRED.
- 41 REMOVE EXISTING TERRAZZO AS REQUIRED FOR NEW LEVEL FLOOR FINISHES. PROVIDE LEVELING COMPOUND AS REQUIRED.
- 42 REMOVE WOOD TRIM, TACKABLE WALL COMPLETE.
- 43 REMOVE TACKABLE WALL PANEL COMPLETE.
- 44 ALTERNATE: REMOVE MASONRY WALL AS REQUIRED FOR NEW CONSTRUCTION. PATCH AND REPAIR FLOOR AND WALL AS REQUIRED TO ACCEPT NEW FINISHES.
- 45 REMOVE PORTION OF EXISTING LIMESTONE PANEL AS REQUIRED FOR NEW CONSTRUCTION.
- 46 REMOVE PORTION OF EXISTING BULKHEAD FRAMING TO MATCH NEW 9'-0" BULKHEAD.
- 47 REMOVE EXISTING BULKHEAD EXTENSION FROM PREVIOUS PROJECT. PREPARE FOR RE FRAMING TO MATCH NEW 9'-0" BULKHEAD.
- 48 ALTERNATE: EXISTING DOOR FRAME TO REMAIN. REMOVE EXISTING DOOR, HARDWARE, AND TRANSOM TO ACCEPT NEW DOOR AND HARDWARE.
- 49 REMOVE EXISTING CANOPY IN ITS ENTIRETY INCLUDING STEEL FRAMING, ROOFING AND CONCRETE FOOTINGS AS REQUIRED FOR NEW CONSTRUCTION.
- 50 AREA OF MODIFIED SAG ROD ASSEMBLY TO ACCOMMODATE NEW CONSTRUCTION. REMOVE PORTIONS OF EXISTING CHANNEL. ENSURE SAG ROD ASSEMBLY HAS MINIMUM OF 3 SAG RODS PER RUN AND SPACED AT MAXIMUM OF 48" APART. INSTALL NEW SAG ROD AND CHANNEL ASSEMBLY TO ENSURE WALL STABILITY ABOVE.
- 51 REMOVE PORTION OF BRICK AND MASONRY WALL TO RECEIVE NEW LOUVER TOOTH IN SALVAGED BRICK AS REQUIRED.
- 52 DEMOLISH EXISTING SAG ROD ASSEMBLY TO ACCOMMODATE NEW CONSTRUCTION.
- 53 REMOVE CONTINUOUS BACK SPLASH AND WALL CABINETS COMPLETELY.
- 54 DEMOLISH EXISTING TERRAZZO AND INFILL WITH LIGHTWEIGHT CONCRETE. PREP AND DOWEL EXISTING AND NEW SLAB, REFER TO STRUCTURAL DRAWINGS.
- 55 DEMOLISH EXISTING TERRAZZO AND CONCRETE SLAB COMPLETE.
- 56 LINE OF SLAB DEMOLITION.
- 57 REMOVE EXISTING COOLER FREEZER IN ITS ENTIRETY.
- 58 MODIFY METAL STUD AND GYPSUM BOARD WALL ASSEMBLY TO RECEIVE NEW VVV CONSTRUCTION.
- 59 DEMOLISH EXISTING KITCHEN AND ALL ASSOCIATED FIXTURES, EQUIPMENT, KITCHEN RELATED DUCTWORK AND ACCESSORIES COMPLETE.
- 60 SELECTIVELY DEMOLISH EXISTING ROOF STRUCTURE AND DECKING COMPLETE TO ACCEPT NEW BUILDING CONSTRUCTION. REFER TO NEW CONSTRUCTION FOR ADDITIONAL INFORMATION.
- 61 SELECTIVELY DEMOLISH EXISTING BUILDING FASCIA, COPING, METAL PANEL SYSTEM AND SOFFIT COMPLETE TO ACCEPT NEW BUILDING CONSTRUCTION. REFER TO NEW CONSTRUCTION FOR ADDITIONAL INFORMATION.
- 62 DEMOLISH ENTIRE CANOPY COMPLETE. REMOVE STRUCTURE AND CONCRETE FOOTINGS COMPLETE TO ACCEPT NEW CONSTRUCTION.

GENERAL DEMOLITION NOTES:

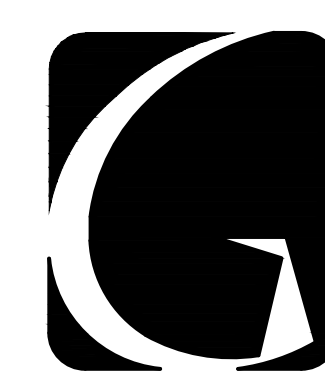
- A. FOR GENERAL PROJECT NOTES, MATERIAL INDICATIONS LEGEND, SYMBOL LEGEND, ABBREVIATIONS, ETC., REFER TO G1 SERIES SHEETS.
- B. UNLESS NOTED OTHERWISE ON THIS SHEET, THE GENERAL CONTRACTOR IS RESPONSIBLE FOR ALL DEMOLITION AND REMOVAL WORK INDICATED ON THIS SHEET.
- C. CONTRACTORS ENCOUNTERING EXISTING 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 DISSECTION 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 4" MINIMUM BELOW THE EXISTING FLOOR SLAB UNLESS SETTING ON A SLAB OR SPECIFICALLY NOTED OTHERWISE. PATCH WITH NEW CONCRETE TO BE FLUSH WITH THE EXISTING FLOOR SLAB.
- R. EACH CONTRACTOR SHALL BE RESPONSIBLE FOR GENERAL REVIEW OF DEMOLITION NOTES AND GENERAL DEMOLITION NOTES AS THEY APPLY TO THEIR SCOPE OF WORK.
- S. THE OWNER SHALL RESERVE THE RIGHT TO CLAIM ANY MATERIALS THAT ARE BEING DEMOLISHED PRIOR TO THE CONTRACTOR DISPOSING OF THEM OFF SITE.
- T. REFER TO THE STRUCTURAL, MECHANICAL, PLUMBING, ELECTRICAL AND TECHNOLOGY DOCUMENTS FOR COMPLETE SCOPE OF DEMOLITION WORK.
- U. "FLOORING" DENOTES FLOOR COVERING MATERIALS INCLUDING BACKING, ADHESIVES, AND BASES DOWN TO BUT EXCLUSIVE OF FLOOR SLABS AND STRUCTURAL MATERIALS UNLESS NOTED OTHERWISE.
- V. DEMOLITION IS TO FOLLOW ESTABLISHED CONSTRUCTION SEQUENCE. REFER TO SPECIFICATIONS AND DRAWINGS FOR REQUIREMENTS AND SPECIAL CONDITIONS.
- W. WHERE APPLICABLE SALVAGE EXISTING MASONRY (FACE BRICK, GLAZED CMU, FACING TILE) AS REQUIRED FOR PATCHING AND INFILL IN RENOVATED AREAS WHERE INDICATED. DISCARD UNUSED PORTION OFF SITE.
- X. PROVIDE TOPPING SLAB AND FLOOR LEVEL AS REQUIRED FOR APPLICATION OF NEW CONDITIONS.

NEW CMU CONSTRUCTION SHALL NOT BEAR ON EXISTING TERRAZZO OR CONCRETE TOPPING SLAB. DEMOLISH TERRAZZO AND EXISTING CONCRETE SLAB BELOW WHERE OCCURRING.

DEMOLITION PLAN NOTES:

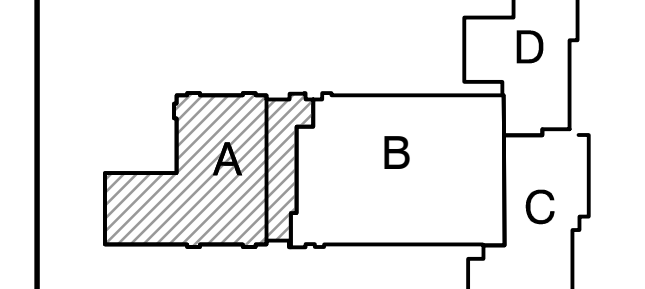
(ALL PLAN NOTES MAY NOT BE INDICATED ON THIS SHEET.)

- 1 REMOVE ALUMINUM WINDOW AND/OR STOREFRONT FRAMING, DOORS, AND HARDWARE IN ITS ENTIRETY. REPAIR JAMB AND FLOOR AS REQUIRED FOR NEW FINISH.
- 2 REMOVE ACOUSTICAL BOARD CEILING SYSTEM IN ITS ENTIRETY.
- 3 REMOVE CARPET FLOORING SYSTEM AND BASE IN ITS ENTIRETY. PREPARE EXISTING CONCRETE SLAB AS REQUIRED TO RECEIVE NEW FINISHES.
- 4 DEMOLISH AND PREPARE EXISTING CONCRETE SURFACE TREATMENT TO RECEIVE NEW CONSTRUCTION.
- 5 REMOVE VINYL TILE FLOORING SYSTEM IN ITS ENTIRETY. PREPARE EXISTING CONCRETE SLAB AS REQUIRED TO RECEIVE NEW FINISHES.
- 6 REMOVE CERAMIC TILE FLOORING SYSTEM IN ITS ENTIRETY. PREPARE EXISTING CONCRETE SLAB AS REQUIRED TO RECEIVE NEW FINISHES. PROVIDE LEVELING COMPOUND AS REQUIRED.
- 7 REMOVE DISPLAY WALL, CHALK, MARKER, AND/OR TACKBOARDS IN THEIR ENTIRETY.
- 8 REMOVE EXISTING BUILT-IN CASEWORK.
- 9 REMOVE PORTION OF MASONRY WALL AS REQUIRED TO INSTALL NEW DOOR.
- 10 REMOVE PLUMBING FIXTURES COMPLETE. REFER TO PLUMBING DRAWINGS. WHERE PIPING IS REQUIRED TO BE CAPPED, CAP BELOW AND/OR BEHIND FINISHED SURFACE.
- 11 REMOVE TOILET PARTITIONS IN THEIR ENTIRETY.
- 12 REMOVE MASONRY WALL (AS REQUIRED FOR NEW CONSTRUCTION.) PATCH AND REPAIR FLOOR AND WALL AS REQUIRED TO ACCEPT NEW FINISHES.
- 13 REMOVE HOLLOW METAL FRAME, TRANSOM, DOOR AND HARDWARE IN ITS ENTIRETY.
- 14 REMOVE EXISTING LOCKERS IN THEIR ENTIRETY.
- 15 REMOVE CONCRETE SHOWER CURB. PATCH AND REPAIR FLOOR AS REQUIRED TO ACCEPT NEW FINISHES.
- 16 REMOVE METAL STUDS AND GYPSUM BOARD WALL AS REQUIRED FOR NEW CONSTRUCTION. PATCH AND REPAIR FLOOR AND WALLS AS REQUIRED TO ACCEPT NEW FINISHES.
- 17 REMOVE EXISTING BLEACHERS IN THEIR ENTIRETY.
- 18 REMOVE METAL LOCKERS. REMOVE CONCRETE BASE AS REQUIRED FOR NEW CONSTRUCTION.
- 19 REMOVE DISPLAY CASE IN ITS ENTIRETY.
- 20 REMOVE MEDIA SHELVING IN ITS ENTIRETY.
- 21 REMOVE BASKETBALL GOALS IN THEIR ENTIRETY.
- 22 REMOVE EXISTING FLOOR DRAIN. REFER TO PLUMBING DRAWINGS.
- 23 REMOVE SCOREBOARD AND TURN OVER TO OWNER.
- 24 REMOVE VOID SLAB/STOOP/STEPS/RAMP AS REQUIRED FOR NEW CONSTRUCTION.
- 25 REMOVE GYPSUM METAL STUD BULKHEAD COMPLETE.
- 26 REMOVE METAL BOOKSHELVES AND CASEWORK COMPLETE. PATCH AND REPAIR WALL TO MAKE LIKE NEW CONDITION.
- 27 REMOVE WALL COVERING IN ITS ENTIRETY. PREPARE WALL FOR NEW FINISHES.
- 28 REMOVE TERRAZZO FLOORING SYSTEM IN ITS ENTIRETY. PREPARE EXISTING CONCRETE SLAB AS REQUIRED TO RECEIVE NEW FINISHES. PROVIDE LEVELING COMPOUND AS REQUIRED.
- 29 REMOVE MECHANICAL UNIT. REFER TO MECHANICAL DRAWINGS.
- 30 REMOVE CEILING MOUNTED MECHANICAL UNIT IN ITS ENTIRETY. REFER TO MECHANICAL DRAWINGS.



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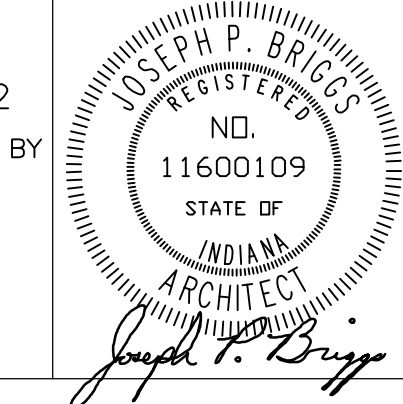
PROJECT
TIMOTHY BALL ES ADDITION AND RENOVATIONS
CROWN POINT COMMUNITY SCHOOL CORPORATION
CROWN POINT, INDIANA



KEY PLAN

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

PROJECT
21-112
DATE
02/07/22
COORDINATED BY
TA
DRAWN BY
MMM
CHECKED BY
JPB



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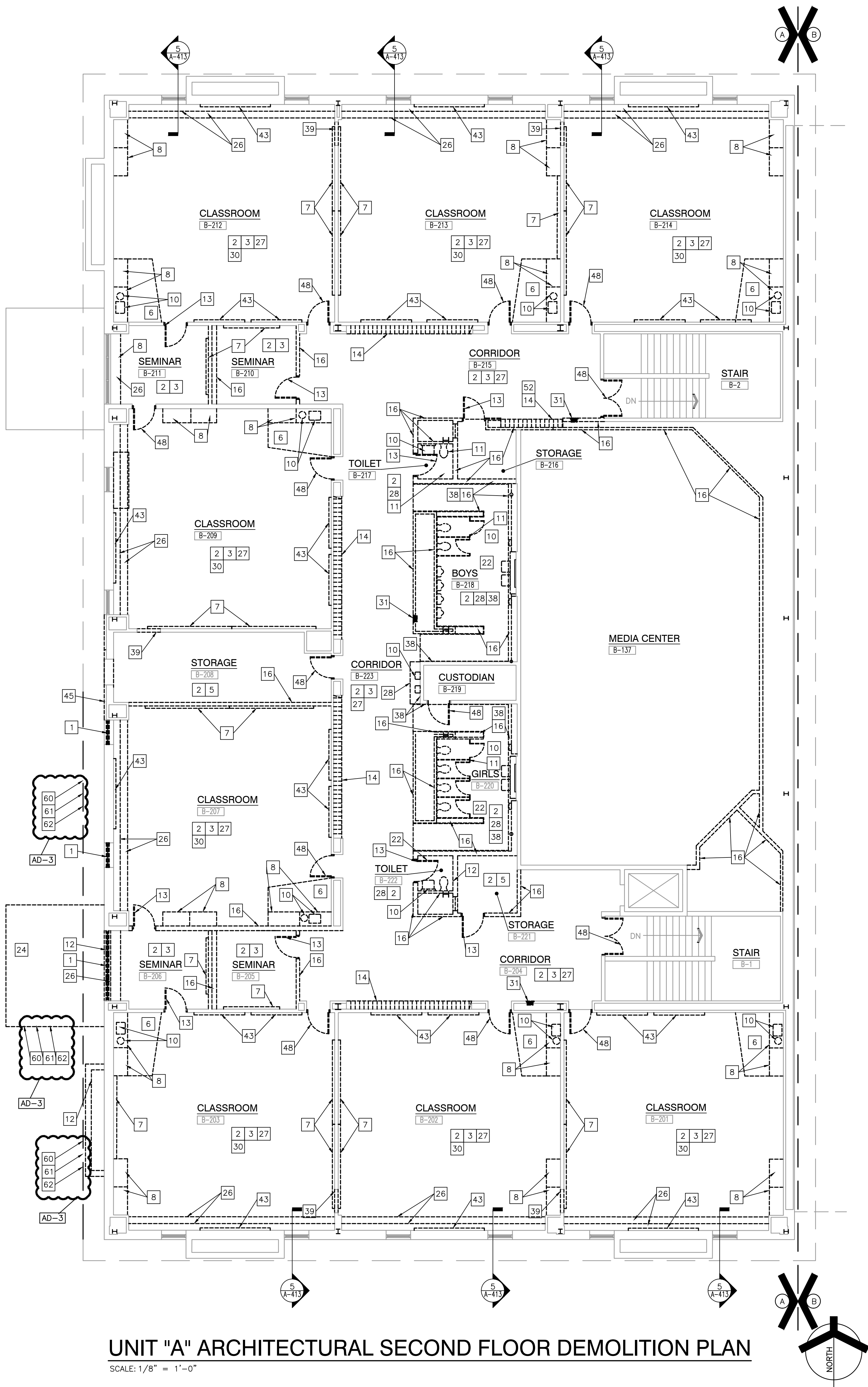
REVISIONS	MARK	DATE	ISSUED FOR
AD-2	02/24/22	ADDENDUM NO. 2	
AD-3	03/03/22	ADDENDUM NO. 3	

DRAWING
UNIT "A" ARCHITECTURAL FIRST FLOOR DEMOLITION PLAN

PROJECT
TIMOTHY BALL ES ADDITIONS AND RENOVATIONS

© GIBRALTAR DESIGN SHEET
A AD101

Thursday, 3/3/2022 - 4:03 PM - LAST SAVED BY:TALLEN
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ADDITION AND RENOVATIONS\21-112 DRAWINGS\05
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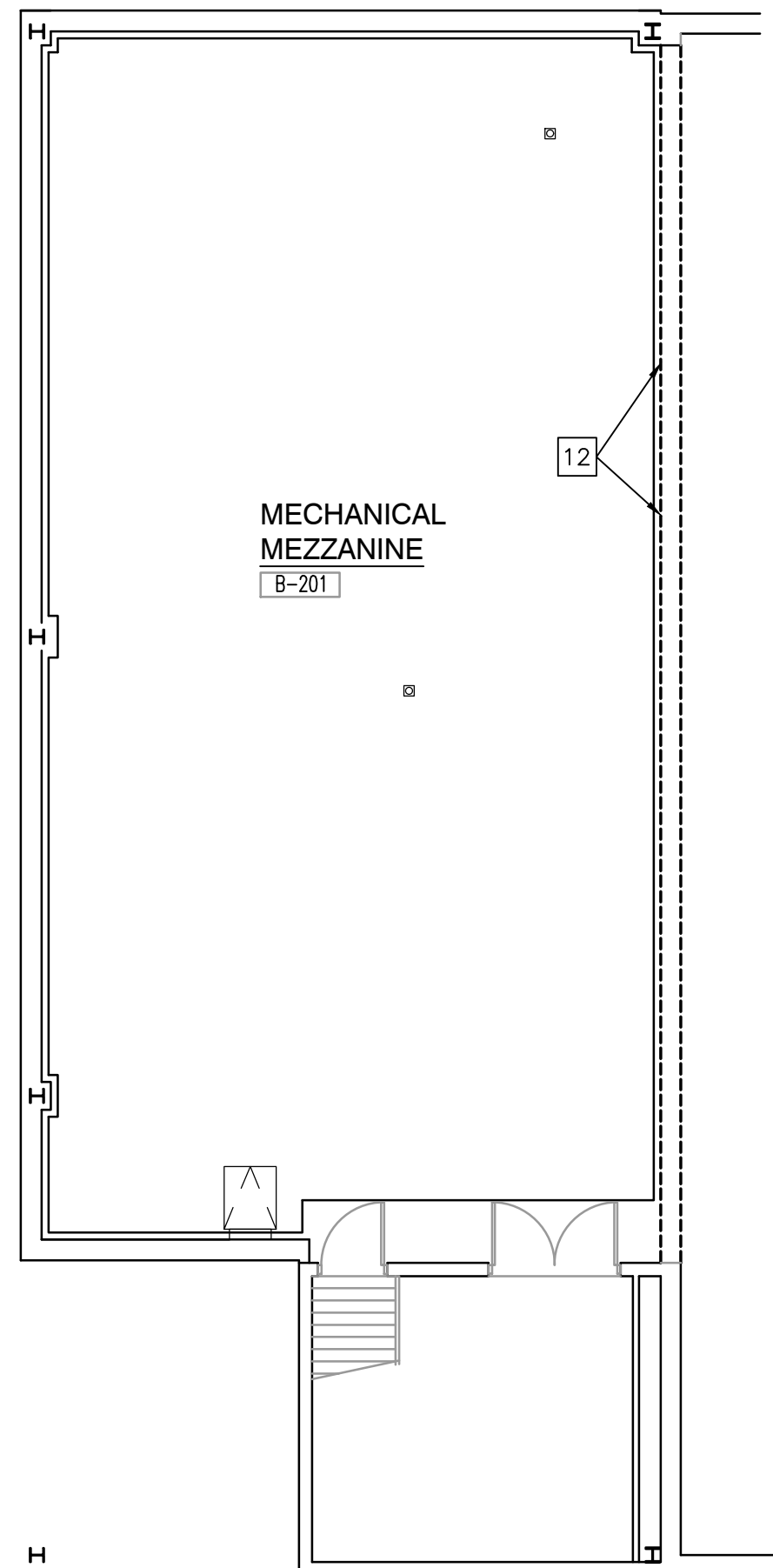
UNIT "A" ARCHITECTURAL SECOND FLOOR DEMOLITION PLAN

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

UNIT "B" ARCHITECTURAL MEZZANINE FLOOR DEMOLITION PLAN

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

- 31 REMOVE FIRE EXTINGUISHER CABINET AND FIRE EXTINGUISHER, SALVAGE FIRE EXTINGUISHERS FOR INSTALLATION IN NEW CABINETS OR RELOCATED EXISTING CABINETS. COORDINATE ON SIGHT.
- 32 REMOVE CURTAIN TRACK AND CURTAIN IN THEIR ENTIRETY.
- 33 DEMOLISH EXISTING TERRAZZO, CONCRETE SLAB AND INSULATION TO BASE SLAB BELOW COMPLETE.
- 34 DEMOLISH BRICK, MASONRY AND CONCRETE STOOP COMPLETE.
- 35 EXISTING DOOR FRAME TO REMAIN. REMOVE DOOR, TRANSOM AND HARDWARE.
- 36 REMOVE HOLLOW METAL FRAME AND GLAZING IN ITS ENTIRETY.
- 37 REMOVE ACOUSTICAL PANELS IN THEIR ENTIRETY. PATCH AND REPAIR WALLS AS REQUIRED TO RECEIVE NEW FINISHES.
- 38 REMOVE CERAMIC TILE WALL SYSTEM IN ITS ENTIRETY. PREPARE EXISTING WALL AS REQUIRED TO RECEIVE NEW FINISHES.
- 39 ALTERNATE: DEMOLISH, PATCH AND REPAIR WALL CONSTRUCTION TO RECEIVE NEW DOOR. GRIND AND PREPARE FLOOR AS REQUIRED.
- 40 REMOVE BRICK BENCH IN ITS ENTIRETY. PREPARE FLOOR AND WALL AS REQUIRED.
- 41 BUSH HAMMER EXISTING TERRAZZO AS REQUIRED FOR NEW LEVEL FLOOR FINISHES. PROVIDE LEVELING COMPOUND AS REQUIRED.
- 42 REMOVE WOOD TRIM, TACKABLE WALL COMPLETE.
- 43 REMOVE TACKABLE WALL PANEL COMPLETE.
- 44 ALTERNATE: REMOVE MASONRY WALL AS REQUIRED FOR NEW CONSTRUCTION. PATCH AND REPAIR FLOOR AND WALL AS REQUIRED TO ACCEPT NEW FINISHES.
- 45 REMOVE PORTION OF EXISTING LIMESTONE PANEL AS REQUIRED FOR NEW CONSTRUCTION.
- 46 REMOVE PORTION OF EXISTING BULKHEAD FRAMING TO MATCH NEW 9'-0" BULKHEAD.
- 47 REMOVE EXISTING BULKHEAD EXTENSION FROM PREVIOUS PROJECT. PREPARE FOR RE FRAMING TO MATCH NEW 9'-0" BULKHEAD.
- 48 ALTERNATE: EXISTING DOOR FRAME TO REMAIN. REMOVE EXISTING DOOR, HARDWARE, AND TRANSOM TO ACCEPT NEW DOOR AND HARDWARE.
- 49 REMOVE EXISTING CANOPY IN ITS ENTIRETY INCLUDING STEEL FRAMING, ROOFING AND CONCRETE FOOTINGS AS REQUIRED FOR NEW CONSTRUCTION.
- 50 AREA OF MODIFIED SAG ROD ASSEMBLY TO ACCOMMODATE NEW CONSTRUCTION. REMOVE PORTIONS OF EXISTING CHANNEL. ENSURE SAG ROD ASSEMBLY HAS MINIMUM OF 3 SAG RODS PER RUN AND SPACED AT MAXIMUM OF 48" APART. INSTALL NEW SAG ROD AND CHANNEL ASSEMBLY TO ENSURE WALL STABILITY ABOVE.
- 51 REMOVE PORTION OF BRICK AND MASONRY WALL TO RECEIVE NEW LOUVER TOOTH IN SALVAGED BRICK AS REQUIRED.
- 52 DEMOLISH EXISTING SAG ROD ASSEMBLY TO ACCOMMODATE NEW CONSTRUCTION.
- 53 REMOVE CONTINUOUS BACK SPLASH AND WALL CABINETS COMPLETELY.
- 54 DEMOLISH EXISTING TERRAZZO AND INFILL WITH LIGHTWEIGHT CONCRETE. PREP AND DOWEL EXISTING AND NEW SLAB, REFER TO STRUCTURAL DRAWINGS.
- 55 DEMOLISH EXISTING TERRAZZO AND CONCRETE SLAB COMPLETE.
- 56 LINE OF SLAB DEMOLITION.
- 57 REMOVE EXISTING COOLER FREEZER IN ITS ENTIRETY.
- 58 MODIFY METAL STUD AND GYPSUM BOARD WALL ASSEMBLY TO RECEIVE NEW YUV CONSTRUCTION.
- 59 DEMOLISH EXISTING KITCHEN AND ALL ASSOCIATED FIXTURES, EQUIPMENT, KITCHEN RELATED DUCTWORK AND ACCESSORIES COMPLETE.
- 60 SELECTIVELY DEMOLISH EXISTING ROOF STRUCTURE AND DECKING COMPLETE TO ACCEPT NEW BUILDING CONSTRUCTION. REFER TO NEW CONSTRUCTION. REFER TO NEW CONSTRUCTION FOR ADDITIONAL INFORMATION.
- 61 SELECTIVELY DEMOLISH EXISTING BUILDING FASCIA, COPING, METAL PANEL SYSTEM AND SOFFIT COMPLETE TO ACCEPT NEW BUILDING CONSTRUCTION. REFER TO NEW CONSTRUCTION FOR ADDITIONAL INFORMATION.
- 62 DEMOLISH ENTIRE CANOPY COMPLETE. REMOVE STRUCTURE AND CONCRETE FOOTINGS COMPLETE TO ACCEPT NEW CONSTRUCTION.



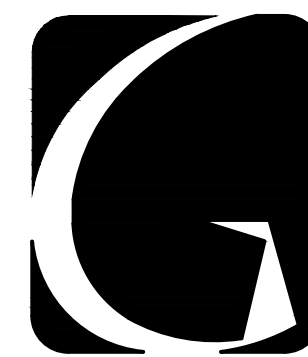
GENERAL DEMOLITION NOTES:

- A. FOR GENERAL PROJECT NOTES, MATERIAL INDICATIONS LEGEND, SYMBOL LEGEND, ABBREVIATIONS, ETC., REFER TO G1 SERIES SHEETS.
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- 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 4" MINIMUM BELOW THE EXISTING FLOOR SLAB UNLESS SETTING ON A SLAB OR SPECIFICALLY NOTED OTHERWISE. PATCH WITH NEW CONCRETE TO BE FLUSH WITH THE EXISTING FLOOR SLAB.
- R. EACH CONTRACTOR SHALL BE RESPONSIBLE FOR GENERAL REVIEW OF DEMOLITION NOTES AND GENERAL DEMOLITION NOTES AS THEY APPLY TO THEIR SCOPE OF WORK.
- S. THE OWNER SHALL RESERVE THE RIGHT TO CLAIM ANY MATERIALS THAT ARE BEING DEMOLISHED PRIOR TO THE CONTRACTOR DISPOSING OF THEM OFF SITE.
- T. REFER TO THE STRUCTURAL, MECHANICAL, PLUMBING, ELECTRICAL AND TECHNOLOGY DOCUMENTS FOR REQUIREMENTS AND SPECIAL CONDITIONS.
- U. "FLOORING" DENOTES FLOOR COVERING MATERIALS INCLUDING BACKING, ADHESIVES, AND BASES DOWN TO BUT EXCLUSIVE OF FLOOR SLABS AND STRUCTURAL MATERIALS UNLESS NOTED OTHERWISE.
- V. DEMOLITION IS TO FOLLOW ESTABLISHED CONSTRUCTION SEQUENCE. REFER TO SPECIFICATIONS AND DRAWINGS FOR REQUIREMENTS AND SPECIAL CONDITIONS.
- W. WHERE APPLICABLE SALVAGE EXISTING MASONRY (FACE BRICK, GLAZED CMU, FACING TILE) AS REQUIRED FOR PATCHING AND INFILL IN RENOVATED AREAS WHERE INDICATED. DISCARD UNUSED PORTION OFF SITE.
- X. PROVIDE TOPPING SLAB AND FLOOR LEVEL AS REQUIRED FOR APPLICATION OF NEW CONDITIONS.
- Y. NEW CMU CONSTRUCTION SHALL NOT BEAR ON EXISTING TERRAZZO OR CONCRETE TOPPING SLAB. DEMOLISH TERRAZZO AND EXISTING CONCRETE SLAB BELOW WHERE OCCURRING.

DEMOLITION PLAN NOTES:

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

- 1 REMOVE ALUMINUM WINDOW AND/OR STOREFRONT FRAMING, DOORS, AND HARDWARE IN ITS ENTIRETY. REPAIR JAMB AND FLOOR AS REQUIRED FOR NEW FINISH.
- 2 REMOVE ACOUSTICAL BOARD CEILING SYSTEM IN ITS ENTIRETY.
- 3 REMOVE CARPET FLOORING SYSTEM AND BASE IN ITS ENTIRETY. PREPARE EXISTING CONCRETE SLAB AS REQUIRED TO RECEIVE NEW FINISHES.
- 4 DEMOLISH AND PREPARE EXISTING CONCRETE SURFACE TREATMENT TO RECEIVE NEW CONSTRUCTION.
- 5 REMOVE VINYL TILE FLOORING SYSTEM IN ITS ENTIRETY. PREPARE EXISTING CONCRETE SLAB AS REQUIRED TO RECEIVE NEW FINISHES.
- 6 REMOVE CERAMIC TILE FLOORING SYSTEM IN ITS ENTIRETY. PREPARE EXISTING CONCRETE SLAB AS REQUIRED TO RECEIVE NEW FINISHES. PROVIDE LEVELING COMPOUND AS REQUIRED.
- 7 REMOVE DISPLAY WALL, CHALK, MARKER, AND/OR TACKBOARDS IN THEIR ENTIRETY.
- 8 REMOVE EXISTING BUILT-IN CASEWORK.
- 9 REMOVE PORTION OF MASONRY WALL AS REQUIRED TO INSTALL NEW DOOR.
- 10 REMOVE PLUMBING FIXTURES COMPLETE. REFER TO PLUMBING DRAWINGS. WHERE PIPING IS REQUIRED TO BE CAPPED, CAP BELOW AND/OR BEHIND FINISHED SURFACE.
- 11 REMOVE TOILET PARTITIONS IN THEIR ENTIRETY.
- 12 REMOVE MASONRY WALL (AS REQUIRED FOR NEW CONSTRUCTION.) PATCH AND REPAIR FLOOR AND WALL AS REQUIRED TO ACCEPT NEW FINISHES.
- 13 REMOVE HOLLOW METAL FRAME, TRANSOM, DOOR AND HARDWARE IN ITS ENTIRETY.
- 14 REMOVE EXISTING LOCKERS IN THEIR ENTIRETY.
- 15 REMOVE CONCRETE SHOWER CURB. PATCH AND REPAIR FLOOR AS REQUIRED TO ACCEPT NEW FINISHES.
- 16 REMOVE METAL STUDS AND GYPSUM BOARD WALL AS REQUIRED FOR NEW CONSTRUCTION. PATCH AND REPAIR FLOOR AND WALLS AS REQUIRED TO ACCEPT NEW FINISHES.
- 17 REMOVE EXISTING BLEACHERS IN THEIR ENTIRETY.
- 18 REMOVE METAL LOCKERS. REMOVE CONCRETE BASE AS REQUIRED FOR NEW CONSTRUCTION.
- 19 REMOVE DISPLAY CASE IN ITS ENTIRETY.
- 20 REMOVE MEDIA SHELVING IN ITS ENTIRETY.
- 21 REMOVE BASKETBALL GOALS IN THEIR ENTIRETY.
- 22 REMOVE EXISTING FLOOR DRAIN. REFER TO PLUMBING DRAWINGS.
- 23 REMOVE SCOREBOARD AND TURN OVER TO OWNER.
- 24 REMOVE VOID SLAB/STOOP/STEPS/RAMP AS REQUIRED FOR NEW CONSTRUCTION.
- 25 REMOVE METAL BOOKSHELVES AND CASEWORK COMPLETE. PATCH AND REPAIR WALL TO MAKE LIKE NEW CONDITION.
- 26 REMOVE METAL BOOKSHELVES AND CASEWORK COMPLETE. PATCH AND REPAIR WALL TO MAKE LIKE NEW CONDITION.
- 27 REMOVE WALL COVERING IN ITS ENTIRETY. PREPARE WALL FOR NEW FINISHES.
- 28 REMOVE TERRAZZO FLOORING SYSTEM IN ITS ENTIRETY. PREPARE EXISTING CONCRETE SLAB AS REQUIRED TO RECEIVE NEW FINISHES. PROVIDE LEVELING COMPOUND AS REQUIRED.
- 29 REMOVE MECHANICAL UNIT. REFER TO MECHANICAL DRAWINGS.
- 30 REMOVE CEILING MOUNTED MECHANICAL UNIT IN ITS ENTIRETY. REFER TO MECHANICAL DRAWINGS.



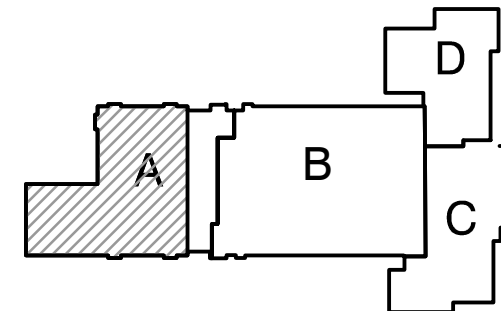
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DESIGN

ARCHITECTURE • ENGINEERING • INTERIOR DESIGN

PROJECT

**TIMOTHY BALL
ES ADDITION
AND
RENOVATIONS**

CROWN POINT COMMUNITY
SCHOOL CORPORATION
CROWN POINT, INDIANA



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21-112

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Thursday, 3/3/2022 - 4:04 PM - LAST SAVED BY TALLEY
Y:\21-112 CROWN POINT CSC - TIMOTHY BALL ES
ADDITION AND RENOVATIONS\21-112 DRAWINGS\05
ARCH\0103.DWG

- 36 REMOVE HOLLOW METAL FRAME AND GLAZING IN ITS ENTIRETY.
37 REMOVE ACOUSTICAL PANELS IN THEIR ENTIRETY. PATCH AND REPAIR WALLS AS REQUIRED TO RECEIVE NEW FINISHES.
38 REMOVE CERAMIC TILE WALL SYSTEM IN ITS ENTIRETY. PREPARE EXISTING WALL AS REQUIRED TO RECEIVE NEW FINISHES.
39 ALTERNATE: DEMOLISH, PATCH AND REPAIR WALL CONSTRUCTION TO RECEIVE NEW DOOR. GRIND AND PREPARE FLOOR AS REQUIRED.
40 REMOVE BRICK BENCH IN ITS ENTIRETY. PREPARE FLOOR AND WALL AS REQUIRED.
41 BUSH HAMMER EXISTING TERRAZZO AS REQUIRED FOR NEW LEVEL FLOOR FINISHES. PROVIDE LEVELING COMPOUND AS REQUIRED.
42 REMOVE WOOD TRIM, TACKABLE WALL COMPLETE.
43 REMOVE TACKABLE WALL PANEL COMPLETE.
44 ALTERNATE: DEMOLISH MASONRY WALL AS REQUIRED FOR NEW CONSTRUCTION. PATCH AND REPAIR FLOOR AND WALL AS REQUIRED TO ACCEPT NEW FINISHES.
45 REMOVE PORTION OF EXISTING LIMESTONE PANEL AS REQUIRED FOR NEW CONSTRUCTION.
46 REMOVE PORTION OF EXISTING BULKHEAD FRAMING TO MATCH NEW 9'-0" BULKHEAD.
47 REMOVE EXISTING BULKHEAD EXTENSION FROM PREVIOUS PROJECT. PREPARE FOR RE FRAMING TO MATCH NEW 9'-0" BULKHEAD.
48 ALTERNATE: EXISTING DOOR FRAME TO REMAIN. REMOVE EXISTING DOOR, HARDWARE, AND TRANSOM TO ACCEPT NEW DOOR AND HARDWARE.
49 REMOVE EXISTING CANOPY IN ITS ENTIRETY INCLUDING STEEL FRAMING.
50 AREA OF MODIFIED SAG ROD ASSEMBLY TO ACCOMMODATE NEW CONSTRUCTION. REMOVE PORTIONS OF EXISTING CHANNEL. ENSURE SAG ROD ASSEMBLY HAS MINIMUM OF 3 SAG RODS PER RUN AND SPACED AT MAXIMUM OF 48" APART. INSTALL NEW SAG ROD AND CHANNEL ASSEMBLY TO EXISTING WALL STABILITY ABOVE.
51 REMOVE PORTION OF BRICK AND MASONRY WALL TO RECEIVE NEW LOUVER TOOTH IN SALVAGED BRICK AS REQUIRED.
52 DEMOLISH EXISTING SAG ROD ASSEMBLY TO ACCOMMODATE NEW CONSTRUCTION.
53 REMOVE CONTINUOUS BACK SPLASH AND WALL CABINETS COMPLETELY.
54 DEMOLISH EXISTING TERRAZZO AND INFILL WITH LIGHTWEIGHT CONCRETE. PREP AND DOWEL EXISTING AND NEW SLAB. REFER TO STRUCTURAL DRAWINGS.
55 DEMOLISH EXISTING TERRAZZO AND CONCRETE SLAB COMPLETE.
56 REMOVE EXISTING COOLER FREEZER IN ITS ENTIRETY.
57 MODIFY METAL STUD AND GYPSUM BOARD WALL ASSEMBLY TO RECEIVE NEW VAV CONSTRUCTION.
59 DEMOLISH EXISTING KITCHEN AND ALL ASSOCIATED FIXTURES, EQUIPMENT, KITCHEN RELATED DUCTWORK AND ACCESSORIES COMPLETE.
60 SELECTIVELY DEMOLISH EXISTING ROOF STRUCTURE AND DECKING COMPLETE TO ACCEPT NEW BUILDING CONSTRUCTION. REFER TO NEW CONSTRUCTION. REFER TO NEW CONSTRUCTION FOR ADDITIONAL INFORMATION.
61 SELECTIVELY DEMOLISH EXISTING BUILDING FASCIA, COPING, METAL PANEL SYSTEM AND SOFFIT COMPLETE TO ACCEPT NEW BUILDING CONSTRUCTION. REFER TO NEW CONSTRUCTION FOR ADDITIONAL INFORMATION.
62 DEMOLISH ENTIRE CANOPY COMPLETE. REMOVE STRUCTURE AND CONCRETE FOOTINGS COMPLETE TO ACCEPT NEW CONSTRUCTION.

- 17 REMOVE EXISTING BLEACHERS IN THEIR ENTIRETY.
18 REMOVE METAL LOCKERS. REMOVE CONCRETE BASE AS REQUIRED FOR NEW CONSTRUCTION.
19 REMOVE DISPLAY CASE IN ITS ENTIRETY.
20 REMOVE MEDIA SHELVING IN ITS ENTIRETY.
21 REMOVE BASKETBALL GOALS IN THEIR ENTIRETY.
22 REMOVE EXISTING FLOOR DRAIN. REFER TO PLUMBING DRAWINGS.
23 REMOVE SCOREBOARD AND TURN OVER TO OWNER.
24 REMOVE VOID SLAB/STOOP/STEPS/RAMP AS REQUIRED FOR NEW CONSTRUCTION.
25 REMOVE GYPSUM BOARD AND CASWORK COMPLETE. PATCH AND REPAIR WALL TO MAKE LIKE NEW CONDITION.
27 REMOVE WALL COVERING IN ITS ENTIRETY. PREPARE WALL FOR NEW FINISHES.
28 REMOVE TERRAZZO FLOORING SYSTEM IN ITS ENTIRETY. PREPARE EXISTING CONCRETE SLAB AS REQUIRED TO RECEIVE NEW FINISHES. PROVIDE LEVELING COMPOUND AS REQUIRED.
29 REMOVE MECHANICAL UNIT. REFER TO MECHANICAL DRAWINGS.
30 REMOVE CEILING MOUNTED MECHANICAL UNIT IN ITS ENTIRETY. REFER TO MECHANICAL DRAWINGS.
31 REMOVE FIRE EXTINGUISHER CABINET AND FIRE EXTINGUISHER. SALVAGE FIRE EXTINGUISHERS FOR INSTALLATION IN NEW CABINETS OR RELOCATED EXISTING CABINETS. COORDINATE ON SIGHT.
32 REMOVE CURTAIN TRACK AND CURTAIN IN THEIR ENTIRETY.
33 DEMOLISH EXISTING TERRAZZO, CONCRETE SLAB AND INSULATION TO BASE SLAB BELOW COMPLETE.
34 DEMOLISH BRICK, MASONRY AND CONCRETE STOOP COMPLETE.
35 EXISTING DOOR FRAME TO REMAIN. REMOVE DOOR, TRANSOM AND HARDWARE.
AD-2
AD-3

DEMOLITION PLAN NOTES:

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

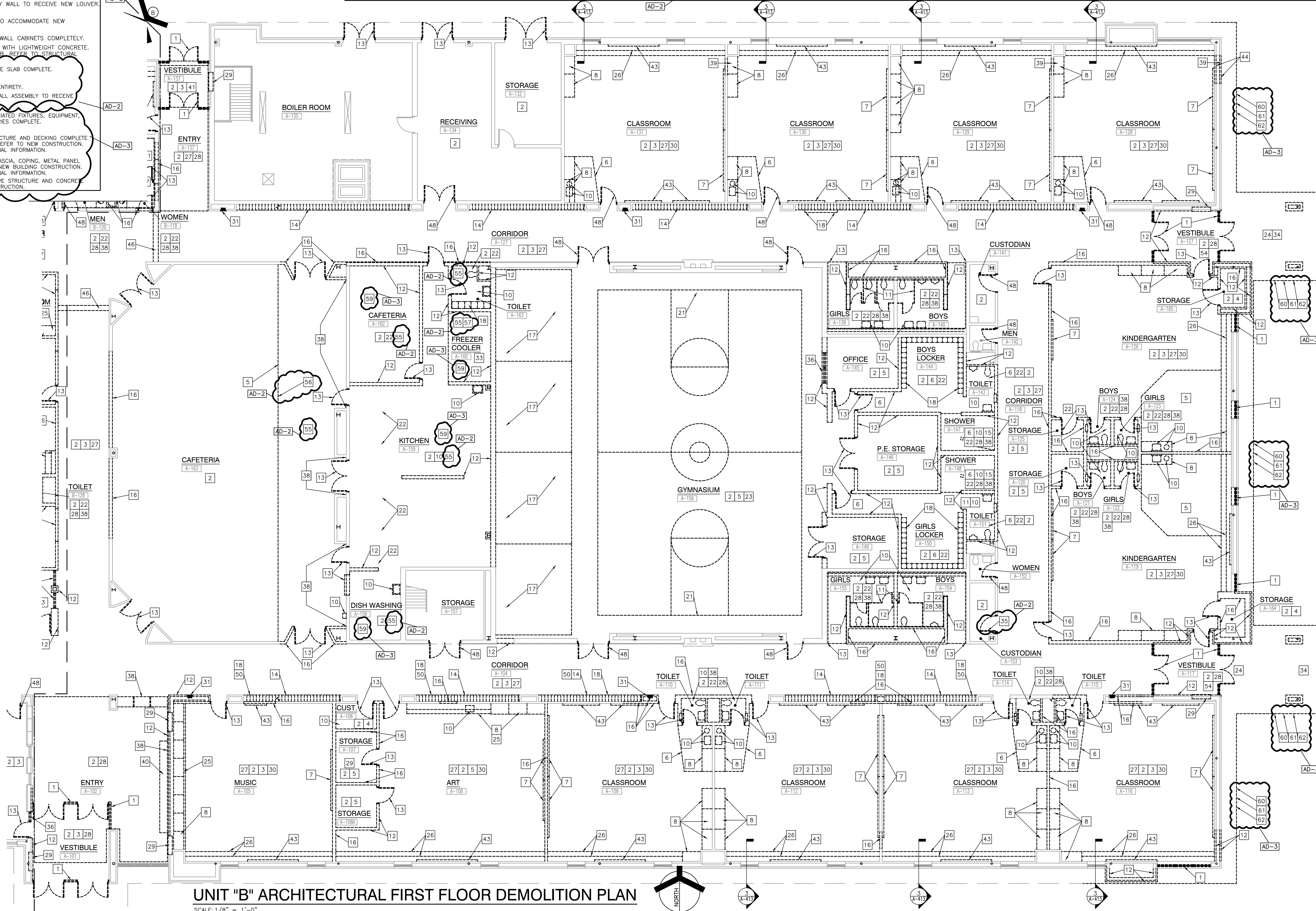
- 1 REMOVE ALUMINUM WINDOW AND/OR STOREFRONT FRAMING, DOORS, AND HARDWARE IN ITS ENTIRETY. REPAIR JAMB AND FLOOR AS REQUIRED FOR NEW FINISH.
2 REMOVE ACOUSTICAL BOARD CEILING SYSTEM IN ITS ENTIRETY.
3 REMOVE CARPET FLOORING SYSTEM AND BASE IN ITS ENTIRETY. PREPARE EXISTING CONCRETE SLAB AS REQUIRED TO RECEIVE NEW FINISHES.
4 DEMOLISH AND PREPARE EXISTING CONCRETE SURFACE TREATMENT TO RECEIVE NEW CONSTRUCTION.
5 REMOVE VINYL TILE FLOORING SYSTEM IN ITS ENTIRETY. PREPARE EXISTING CONCRETE SLAB AS REQUIRED TO RECEIVE NEW FINISHES.
6 REMOVE CERAMIC TILE FLOORING SYSTEM IN ITS ENTIRETY. PREPARE EXISTING CONCRETE SLAB AS REQUIRED TO RECEIVE NEW FINISHES. PROVIDE LEVELING COMPOUND AS REQUIRED.
7 REMOVE DISPLAY WALL, CHALK, MARKER, AND/OR TACKBOARDS IN THEIR ENTIRETY.
8 REMOVE EXISTING BUILT-IN CASWORK.
9 REMOVE PORTION OF MASONRY WALL AS REQUIRED TO INSTALL NEW DOOR.
10 REMOVE PLUMBING FIXTURES COMPLETE. REFER TO PLUMBING DRAWINGS. WHERE PIPING IS REQUIRED TO BE CAPPED, CAP BELOW AND/OR BEHIND FINISHED SURFACE.
11 REMOVE TOILET PARTITIONS IN THEIR ENTIRETY.
12 REMOVE MASONRY WALL (AS REQUIRED FOR NEW CONSTRUCTION) PATCH AND REPAIR FLOOR AND WALL AS REQUIRED TO ACCEPT NEW FINISHES.
13 REMOVE HOLLOW METAL FRAME, TRANSOM, DOOR AND HARDWARE IN ITS ENTIRETY.
14 REMOVE EXISTING LOCKERS IN THEIR ENTIRETY.
15 REMOVE CONCRETE SHOWER CURB. PATCH AND REPAIR FLOOR AS REQUIRED TO ACCEPT NEW FINISHES.
16 REMOVE METAL STUDS AND GYPSUM BOARD WALL AS REQUIRED FOR NEW CONSTRUCTION. PATCH AND REPAIR FLOOR AND WALLS AS REQUIRED TO ACCEPT NEW FINISHES.

- 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 4" MINIMUM BELOW THE EXISTING FLOOR SLAB UNLESS SETTING ON A SLAB OR SPECIFICALLY NOTED OTHERWISE. PATCH WITH NEW CONCRETE TO BE FLUSH WITH THE EXISTING FLOOR SLAB.
R. EACH CONTRACTOR SHALL BE RESPONSIBLE FOR GENERAL REVIEW OF DEMOLITION NOTES AND GENERAL DEMOLITION NOTES AS THEY APPLY TO THEIR SCOPE OF WORK.
S. THE OWNER SHALL RESERVE THE RIGHT TO CLAIM ANY MATERIALS THAT ARE BEING DEMOLISHED PRIOR TO THE CONTRACTOR DISPOSING OF THEM OFF SITE.
T. REFER TO THE STRUCTURAL, MECHANICAL, PLUMBING, ELECTRICAL AND TECHNOLOGY DOCUMENTS FOR COMPLETE SCOPE OF DEMOLITION WORK.
U. "FLOORING" DENOTES FLOOR COVERING MATERIALS INCLUDING BACKING, ADHESIVES, AND BASES DOWN TO BUT EXCLUSIVE OF FLOOR SLABS AND STRUCTURAL MATERIALS UNLESS NOTED OTHERWISE.
V. DEMOLITION IS TO FOLLOW ESTABLISHED CONSTRUCTION SEQUENCE. REFER TO SPECIFICATIONS AND DRAWINGS FOR REQUIREMENTS AND SPECIAL CONDITIONS.
W. WHERE APPLICABLE SALVAGE EXISTING MASONRY (FACE BRICK, GLAZED CMU, FACING TILE) AS REQUIRED FOR PATCHING AND INFILL IN RENOVATED AREAS WHERE INDICATED. DISCARD UNUSED PORTION OFF SITE.
X. PROVIDE TOPPING SLAB AND FLOOR LEVEL AS REQUIRED FOR APPLICATION OF NEW CONDITIONS.
Y. NEW CMU CONSTRUCTION SHALL NOT BEAR ON EXISTING TERRAZZO OR CONCRETE TOPPING SLAB. DEMOLISH TERRAZZO AND EXISTING CONCRETE SLAB BELOW WHERE OCCURRING.

- 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. NEARLY 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.

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 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).

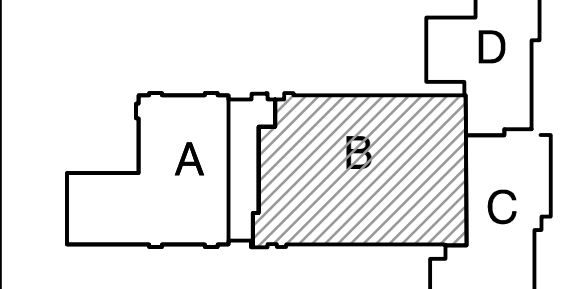


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DESIGN
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PROJECT

**TIMOTHY BALL
ES ADDITION
AND
RENOVATIONS**

CROWN POINT COMMUNITY
SCHOOL CORPORATION
CROWN POINT, INDIANA



KEY PLAN

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PROJECT

21-112

DATE

02/07/22

COORDINATED BY

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DRAWN BY

MMM

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JPB

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REVISIONS

MARK

DATE

ISSUED FOR

AD-2 02/24/22 ADDENDUM NO. 2

AD-3 03/03/22 ADDENDUM NO. 3

DRAWING

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

PROJECT

**TIMOTHY BALL ES ADDITIONS AND
RENOVATIONS**

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SHEET

B

AD103



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PROJECT
**TIMOTHY BALL
ES ADDITION
AND
RENOVATIONS**
CROWN POINT COMMUNITY
SCHOOL CORPORATION
CROWN POINT, INDIANA

GENERAL PLAN NOTES:

- FOR GENERAL PROJECT NOTES, MATERIAL INDICATIONS LEGEND, SYMBOL LEGEND, ABBREVIATIONS, ETC., REFER TO G1 SERIES SHEETS.
- 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.
- 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.
- MASONRY WALLS BEARING ON A THICKENED SLAB AT SLAB DEPRESSIONS REQUIRE CUT MASONRY UNITS SO THAT COURSING BEGINS AT THE FLOOR LINE.
- THE BASE FIRST FLOOR ELEVATION INDICATED FOR THE PROJECT IS 100'-0". REFER TO SITE PLAN FOR CORRELATION TO USGS DATUM.
- 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.
- PROVIDE WOOD BLOCKING (OR METAL STRAPPING WHERE APPLICABLE) AS REQUIRED WITHIN METAL STUD WALLS FOR WALL MOUNTED ITEMS.
- REFER TO LIFE SAFETY PLANS REGARDING FIRE RATED WALL LOCATIONS AND OTHER CODE INFORMATION.
- INTERIOR CMU WALLS ARE TO BE RUNNING BOND UNLESS NOTED OTHERWISE.
- 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.
- REFER TO FINISH PLANS FOR LOCATION AND EXTENT OF FINISHED FLOOR AND WALL MATERIAL.
- ALL EXPOSED CONCRETE MASONRY UNITS (CMU) CORNERS ARE TO BE BULLNOSED, EXCEPT AT MASONRY BULKHEADS AND EXTERIOR WINDOW JAMBS.
- REFER TO DEMOLITION SHEETS FOR ADDITIONAL PATCHING AND REPAIR WORK.

PLAN LEGEND:

- INDICATES MISCELLANEOUS CASEWORK ELEVATION SYMBOL - REFER TO A-800 SERIES DRAWINGS FOR ELEVATIONS AND DETAILS.
- 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.

X-X' INDICATES CEILING/BULKHEAD HEIGHT ABOVE FINISHED FLOOR

PLAN NOTES:

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

- CONCRETE STAIR, PROVIDE SCORED JOINTS ON SURFACE TO ALINE WITH CONCRETE SIDEWALK JOINTS, REFER TO STRUCTURAL DRAWINGS.
- CASEWORK AND/OR MILLWORK, REFER TO EQUIPMENT PLANS.
- DASH LINE INDICATES TYPICAL BULKHEAD, REFER TO SECTIONS AND REFLECTED CEILING PLANS.
- EXISTING BULKHEAD TO REMAIN.
- PUSH PAD FOR ADA OPERATOR, REFER TO ELECTRICAL DRAWINGS.
- CARD/FOB READER, REFER TO ELECTRICAL DRAWINGS.
- DEDICATION PLAQUE.
- FIRE ALARM PANEL, REFER TO ELECTRICAL DRAWINGS.
- FIRE ALARM ANNUNCIATOR PANEL, REFER TO ELECTRICAL DRAWINGS.
- NEW LOCKERS, REFER TO EQUIPMENT PLANS AND 2/A-501.
- GYM EQUIPMENT, REFER TO EQUIPMENT DRAWINGS.
- PLUMBING FIXTURE, REFER TO EQUIPMENT DRAWINGS AND PLUMBING DRAWINGS.
- FOR DISPLAY BOARD/TV MONITOR, REFER TO EQUIPMENT DRAWINGS. (TYP.)
- FLOOR FINISH TRANSITION, REFER TO FINISH PLANS.
- UNIT VENTILATOR, REFER TO MECHANICAL DRAWINGS.
- CABINET HEATER, REFER TO MECHANICAL DRAWINGS.
- LINE OF NEW CANOPY, REFER TO SECTIONS.
- ROOF CONDUCTOR, REFER TO PLUMBING DRAWINGS.
- AI DEVICE, REFER TO ELECTRICAL.
- INSTALL SOLID SURFACE WINDOW SILL SIMILAR TO SILL INDICATED IN SECTION 9/A-610.
- CURTAIN AND TRACK (6" RADIUS AT CORNER) IF REQUIRED. (TYP.)
- SEMI RECESSED FIRE EXTINGUISHING CABINET. MODIFY WALL CONSTRUCTION AS REQUIRED TO ACCOMMODATE NEW CABINET AND MOUNTING HEIGHT.
- INSTALL SPRAY INSULATION (R-10) ON BOTTOM SIDE OF DECK AND SUPPORT STRUCTURE IN ENTIRE VESTIBULE AND ON BOTTOM SIDE OF DECK AND SUPPORT STRUCTURE FOR A DISTANCE OF 2'-0" PAST THE OUTSIDE FACE OF THE STAIRWELL.
- ALUMINUM DIVIDER RAIL, REFER TO SPECIFICATION.
- LOW WALL, REFER TO 8/A-431.
- PROVIDE 4" HIGH CONCRETE EQUIPMENT/HOUSE KEEPING PAD UNDER ALL EQUIPMENT IN THIS ROOM, VERIFY SIZE AND LOCATION WITH MECHANICAL AND ELECTRICAL TRADES.
- PROVIDE CONTINUOUS SPRAY ACOUSTICAL INSULATION ON BOTTOM OF ENTIRE MEZZANINE FLOOR DECK, BUILDING STRUCTURE AND ADJACENT CONSTRUCTION, REFER TO 2/A-401.
- ROLLING COUNTER DOOR.
- ROLLING SERVICE DOOR.
- MECHANICAL GRILL COVER.
- INSTALL NEW 1 1/2" O.D. ANODIZED ALUMINUM HANDRAIL WITH ALUMINUM BRACKETS AT 35" ABOVE SLOPE OF RAMP AND FLOOR. EXTEND RAIL 12" PAST TOP AND BOTTOM OF RAMP AND RETURN ENDS TO WALL.
- ALTERNATE: NEW DOOR, FRAME AND HARDWARE, REFER TO A-603.
- ALTERNATE: EXISTING FRAMES TO REMAIN, INSTALL NEW DOOR, HARDWARE AND WOOD TRANSOM WHERE APPLICABLE.
- ELECTRICAL PANEL, REFER TO ELECTRICAL DRAWINGS.
- DASH LINE INDICATES ADJUSTED BULKHEAD, REFER TO SECTIONS AND REFLECTED CEILING PLANS.
- NEW CONCRETE LOCKER BASE TO MATCH EXISTING.
- AREA OF WALL CONSTRUCTION ABOVE LOCKERS EXTEND STUD FRAMING TO DECK AND BUILDING STRUCTURE ABOVE. BRACE LATERALLY TO BUILDING STRUCTURE AND ADJACENT WALL CONSTRUCTION. INSTALL SAG ROD AND CHANNEL ASSEMBLY, REFER TO STRUCTURAL.
- MODIFY EXISTING WALL AS REQUIRED TO ANCHOR NEW CONSTRUCTION WALL TYPE INDICATED.
- RETAINING WALL, REFER TO CIVIL AND STRUCTURAL.
- UNIT VENTILATOR HEAVY GAUGE PAINTED METAL CLOSURE TO MATCH UNIT VENTILATOR. COORDINATE EACH CONDITION.

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
21-112
DATE
02/07/22
COORDINATED BY
TA
DRAWN BY
MMM
CHECKED BY
JPB

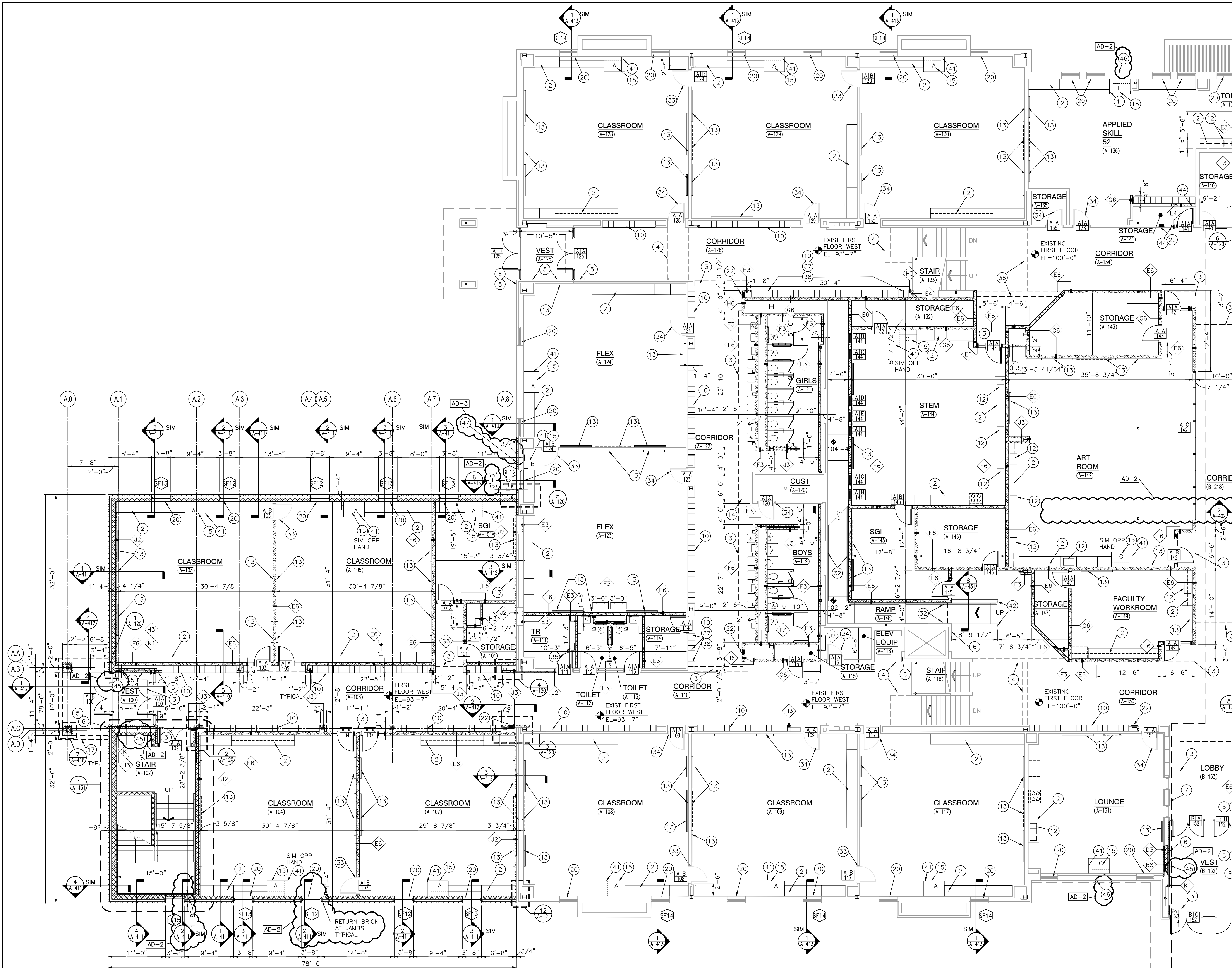
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REVISIONS
MARK DATE ISSUED FOR
AD-2 02/24/22 ADDENDUM NO. 2
AD-3 03/03/22 ADDENDUM NO. 3

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

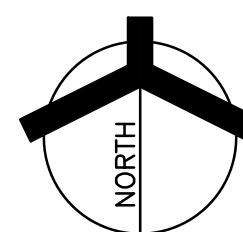
PROJECT
**TIMOTHY BALL ES ADDITIONS AND
RENOVATIONS**

DRAWING
A A-101



UNIT "A" ARCHITECTURAL FIRST FLOOR PLAN

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



- LOW WALL, REFER TO 8/A-431.
- ROOF HATCH.
- ADD ADDITIONAL LAYERS OF GYPSUM BOARD AND SKIM COAT AS REQUIRED FOR BOTH SIDES OF NEW INFILL TO BE FLUSH WITH EXISTING WALL.
- FACE BRICK (TYPE 1) RUNNING BOND - COLOR A.
- REFER TO 6/A-501.
- AT NEW FACE BRICK OVER EXISTING CMU WHERE PRECAST PANEL IS TO BE REMOVED, PROVIDE AN AIR AND WATER INFILTRATION BARRIER ON EXISTING CMU PRIOR TO INSTALLING NEW BRICK. PROVIDE BRICK TIES AT 16" OC EACH WAY AND FLASHING AT BOTTOM OF WALL SIMILAR TO DETAIL 2/A-410.

GENERAL PLAN NOTES:

- A. FOR GENERAL PROJECT NOTES, MATERIAL INDICATIONS LEGEND, SYMBOL LEGEND, ABBREVIATIONS, ETC., REFER TO G1 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. 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.
- K. REFER TO FINISH PLANS FOR LOCATION AND EXTENT OF FINISHED FLOOR AND WALL MATERIAL.
- L. ALL EXPOSED CONCRETE MASONRY UNITS (CMU) CORNERS ARE TO BE BULLNOSED, EXCEPT AT MASONRY BULKHEADS AND EXTERIOR WINDOW JAMBS.
- M. REFER TO DEMOLITION SHEETS FOR ADDITIONAL PATCHING AND REPAIR WORK.

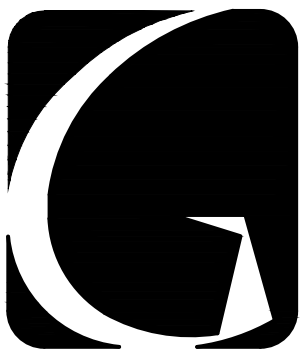
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- 24 ALUMINUM DIVIDER RAIL, REFER TO SPECIFICATION.
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- 39 UNIT VENTILATOR HEAVY GAUGE PAINTED METAL CLOSURE TO MATCH UNIT VENTILATOR. COORDINATE EACH CONDITION IN FIELD WITH WALL, FLOOR AND CEILING CONDITION.
- 40 LOW WALL, REFER TO 8/A-431.
- 41 ROOF HATCH.
- 42 ADD ADDITIONAL LAYERS OF GYPSUM BOARD AND SKIM COAT AS REQUIRED FOR BOTH SIDES OF NEW INFILL TO BE FLUSH WITH EXISTING.
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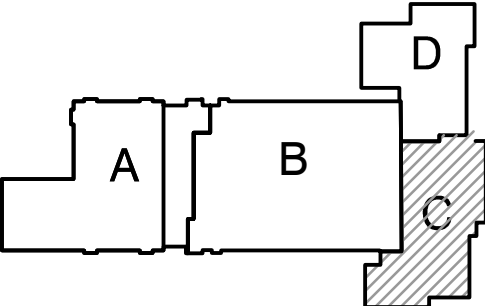
GIBALTAR
DESIGN

ARCHITECTURE • ENGINEERING • INTERIOR DESIGN

PROJECT

**TIMOTHY BALL
ES ADDITION
AND
RENOVATIONS**

CROWN POINT COMMUNITY
SCHOOL CORPORATION
CROWN POINT, 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

21-112

DATE

02/07/22

COORDINATED BY

TA

DRAWN BY

MMM

CHECKED BY

JPB

ARCHITECT

INDIANA

STATE OF

11600109

REGISTERED

NO.

02/07/22

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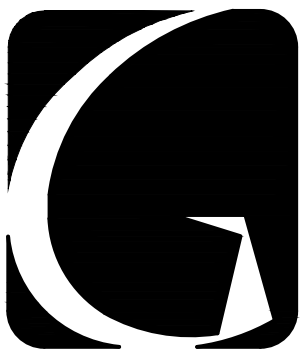
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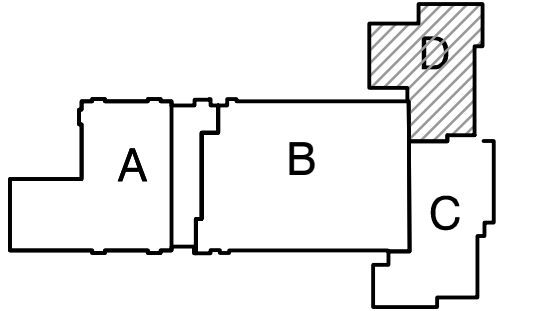
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- 37 AREA OF WALL CONSTRUCTION ABOVE LOCKERS EXTEND STUD FRAMING TO DECK AND BUILDING STRUCTURE ABOVE. BRACE LATEROALLY TO BUILDING STRUCTURE AND ADJACENT CONSTRUCTION. INSTALL SAG ROD AND CHANNEL ASSEMBLY. REFER TO STRUCTURAL
- 38 MODIFY EXISTING WALL AS REQUIRED TO ANCHOR NEW CONSTRUCTION WALL TYPE INDICATED. REFER TO CIVIL AND STRUCTURAL
- 39 RETAINING WALL. REFER TO CIVIL AND STRUCTURAL
- 40 UNIT VENTILATOR HEAVY GAUGE PAINTED METAL CLOSURE TO MATCH UNIT VENTILATOR. COORDINATE EACH CONDITION IN FIELD WITH WALL, FLOOR AND CEILING CONDITION.
- 41 LOW WALL, REFER TO 8/A-431.
- 42 ROOF HATCH.
- 43 ADD ADDITIONAL LAYERS OF GYPSUM BOARD AND SKIM COAT AS REQUIRED FOR BOTH SIDES OF NEW INFILL TO BE FLUSH WITH EXISTING
- 44 FACE BRICK (TYPE 1) RUNNING BOND - COLOR A.
- 45 REFER TO 6/A-501.
- 46 AT NEW FACE BRICK OVER EXISTING CMU WHERE PRECAST PANEL IS TO BE REMOVED, PROVIDE AN AIR AND WATER INFILTRATION BARRIER ON EXISTING CMU PRIOR TO INSTALLING NEW BRICK. PROVIDE BRICK TIES AT 16" OC EACH WAY AND FLASHING AT BOTTOM OF WALL SIMILAR TO DETAIL 2/A-410.



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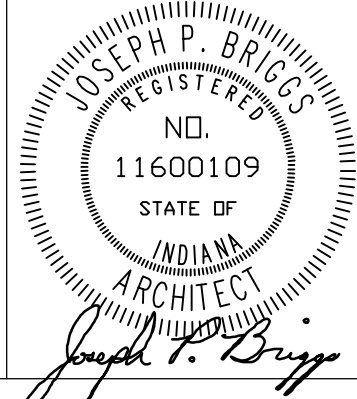
PROJECT
TIMOTHY BALL
ES ADDITION
AND
RENOVATIONS
CROWN POINT COMMUNITY
SCHOOL CORPORATION
CROWN POINT, INDIANA



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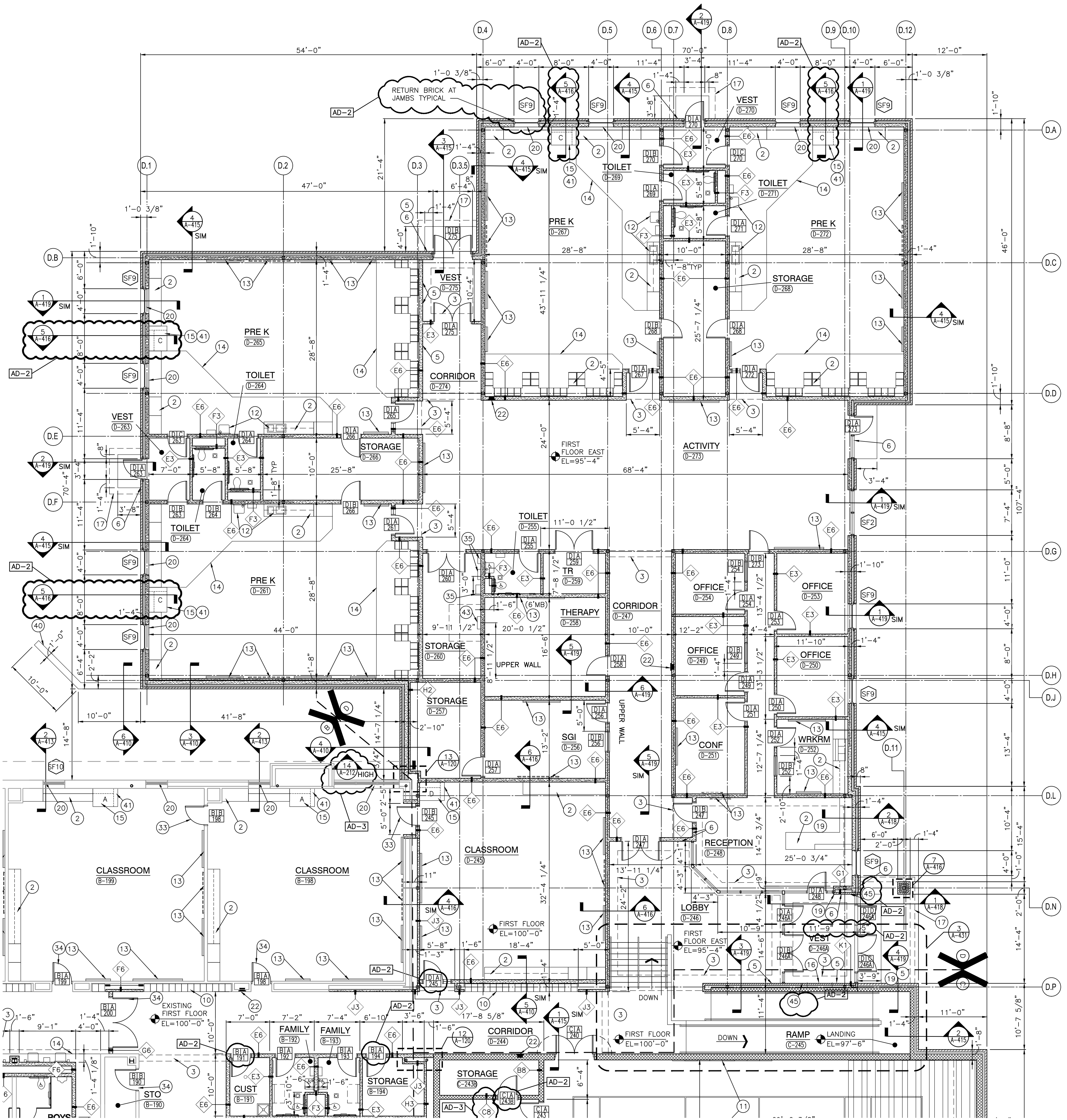
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	AD-2	02/24/22	ADDENDUM NO. 2
	AD-3	03/03/22	ADDENDUM NO. 3

DRAWING
UNIT "D" ARCHITECTURAL
FIRST FLOOR PLAN

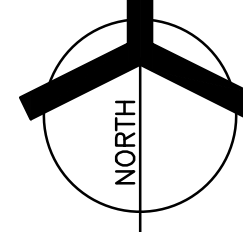
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D
A-105



UNIT "D" ARCHITECTURAL FIRST FLOOR PLAN

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



ROOF EDGE DETAILS:

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

- (A) METAL FASCIA/ PARAPET
(B) METAL COPING/ PARAPET
(C) WALL/ ROOF THROUGH-WALL FLASHING
(D) WALL/ ROOF FLASHING
(E) METAL FASCIA/ PARAPET
(F) METAL FASCIA/ PARAPET
(G) METAL FASCIA/ PARAPET
(H) METAL FASCIA/ PARAPET
(J) METAL FASCIA/ PARAPET
(K) WALL/ ROOF FLASHING
(L) WALL/ ROOF FLASHING
(M) WALL/ ROOF FLASHING
(N) HALF METAL COPING

ROOF TYPES:

- (A) NEW FLAT METAL DECK; PROVIDE NEW ROOF SYSTEM. NEW ROOFING SYSTEM SHALL BE 0.060" TPO FULLY-ADHERED SINGLE-PLY MEMBRANE OVER 1/4" COVER BOARD OVER TAPERED (1/4" PER FOOT) EXTRUDED POLYSTYRENE INSULATION WITH MINIMUM 2" THICKNESS AND MINIMUM AVERAGE THICKNESS OF 4".
- (B) NEW FLAT METAL DECK; PROVIDE NEW ROOF SYSTEM. NEW ROOFING SYSTEM SHALL BE 0.060" TPO FULLY-ADHERED SINGLE-PLY MEMBRANE OVER 1/4" COVER BOARD OVER TAPERED (1/4" PER FOOT) EXTRUDED POLYSTYRENE INSULATION WITH MINIMUM 1" THICKNESS.
- (C) NEW SLOPED METAL ACoustICAL DECK; PROVIDE NEW ROOF SYSTEM. NEW ROOFING SYSTEM SHALL BE 0.060" TPO FULLY-ADHERED SINGLE-PLY MEMBRANE OVER 1/4" COVER BOARD OVER 4" EXTRUDED POLYSTYRENE INSULATION OVER VAPOR BARRIER OVER 1/2" THERMAL SUBSTRATE BOARD.
- (D) EXISTING SLOPED STEEL JOISTS AND PLYWOOD DECK (3:12) WITH ASPHALT SHINGLE SYSTEM; EXISTING ROOFING SYSTEM TO REMAIN.
- (E) EXISTING SLOPED METAL DECK WITH RIGID INSULATION AND MEMBRANE ROOF SYSTEM; REMOVE EXISTING ROOF MEMBRANE AND COVER BOARD SYSTEM. EXISTING ROOF INSULATION TO REMAIN. PROVIDE NEW COVER BOARD AND ROOF MEMBRANE SYSTEM. NEW ROOF MEMBRANE AND COVER BOARD SYSTEM SHALL BE 0.060" TPO FULLY-ADHERED SINGLE-PLY MEMBRANE OVER 1/4" COVER BOARD ON EXISTING RIGID INSULATION AND ROOF SADDLES.
- (F) EXISTING SLOPED STEEL JOISTS AND PLYWOOD DECK (3:12) WITH ASPHALT SHINGLE SYSTEM; REMOVE EXISTING ASPHALT SHINGLES AND FELT OR UNDERLAYMENT MEMBRANE AS REQUIRED FOR NEW ROOF SYSTEM INSTALLATION (SALVAGE EXISTING ASPHALT SHINGLES AS REQUIRED FOR NEW CONSTRUCTION). NEW ROOFING SYSTEM SHALL BE NEW ASPHALT SHINGLES ON NEW UNDERLAYMENT MEMBRANE ON EXISTING PLYWOOD DECK.
- (G) EXISTING SLOPED STEEL JOISTS AND PLYWOOD DECK (3:12) WITH ASPHALT SHINGLE SYSTEM; REMOVE EXISTING ASPHALT SHINGLES AND FELT OR UNDERLAYMENT MEMBRANE AS REQUIRED FOR NEW ROOF SYSTEM INSTALLATION (SALVAGE EXISTING ASPHALT SHINGLES AS REQUIRED FOR NEW CONSTRUCTION). NEW ROOFING SYSTEM SHALL BE SALVAGED ASPHALT SHINGLES ON NEW UNDERLAYMENT MEMBRANE ON EXISTING PLYWOOD DECK. NEW SHINGLES MAY BE INSTALLED IN LIEU OF SALVAGED SHINGLES IF A COLOR MATCH IS APPROVED.

ROOF PLAN NOTES:

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

- (1) REPLACE EXIST DRAINS- REPLACE EXISTING DRAINS WITH NEW DRAIN AND OVERFLOW DRAIN. REMOVE AND MODIFY EXISTING RIGID INSULATION. INFILL NEW RIGID AS REQUIRED.
- (2) REPLACE METAL COPING. MATCH EXISTING PROFILE.
- (3) EXISTING FASCIA BELOW COPING TO BE PAINTED. CLEAN AND REMOVE JOINT SEALANT AND RESEAL COMPLETE.
- (4) BASE BID- PAINT EXISTING METAL PANEL. ALTERNATE BID- REMOVE AND REPLACE EXISTING METAL PANEL. REFER TO ELEVATIONS AND SECTIONS 1, 2 AND 6/A-413.
- (5) MECHANICAL UNIT/EQUIPMENT - REFER TO MECHANICAL AND KITCHEN DRAWINGS. FLASH CURB PER ROOFING MANUFACTURERS STANDARD DETAILS AND SPECIFICATIONS.
- (6) NEW MEMBRANE ASSEMBLY. ENSURE OVERLAP, FLASHING AND COUNTER FLASHING FOR WATERTIGHT CONDITIONS.
- (7) EXISTING ROOF DRAIN TO REMAIN. RE-FLASH AND COUNTER FLASH AS REQUIRED. PROVIDE ALLOWANCE FOR REPLACEMENT COMPLETE OF 3 ROOF DRAIN ASSEMBLIES. PIPE TO MASONRY WALL EDGE.
- (8) INSPECT EXISTING LEADER PIPING AND NOTIFY CM OF CONDITIONS.
- (9) EXISTING ROOF INSULATION AND COVERBOARD IF PRESENT TO REMAIN. PREP EXISTING SURFACE TO REMAIN TO RECEIVE NEW COVERBOARD AND MEMBRANE.
- (10) WHERE NEW CONSTRUCTION OCCURS PROVIDE NEW RIGID INSULATION INFILL FOR CONTINUOUS THERMAL BARRIER. ENSURE TIGHT FITMENT FROM EXISTING TO NEW AND POSITIVE DRAINAGE.
- (11) AT ROOF DRAIN CAREFULLY LOCATE DRAIN WITH BUILDING STRUCTURE AND EXISTING CONDITIONS, REFER TO STRUCTURAL AND MEP DRAWINGS.
- (12) ROOF HATCH- 10/A-210
- (13) EXISTING ROOF HATCH TO REMAIN. FLASH AND COUNTERFLASH FOR WATERTIGHT CONDITIONS.
- (14) EXTERIOR ALUMINUM LADDER- 13/A-210
- (15) MECHANICAL UNIT/EQUIPMENT - REFER TO MECHANICAL AND KITCHEN DRAWINGS. FLASH CURB PER ROOFING MANUFACTURERS STANDARD DETAILS AND SPECIFICATIONS.
- (16) BASE BID- PAINT EXISTING METAL FASCIA. ALTERNATE BID- REMOVE AND REPLACE EXISTING METAL FASCIA. REFER TO ELEVATIONS, SECTIONS 1, 2 AND 6/A-413 AND DETAIL 15/A-211.
- (17) REMOVE SELECT EXISTING MEMBRANE, FLASHING, AND COUNTERFLASHING. REINSTALL NEW MEMBRANE, MEMBRANE FLASHING AND COUNTERFLASHING FOR WATER TIGHT CONDITIONS.
- (18) EXISTING COPING 2 PIECE MEMBRANE FLASHING AND TERMINATION BAR TO BE REMOVED. CLEAN AND PREP TO INSTALL NEW MEMBRANE AND FLASHING ASSEMBLY.
- (19) PROTECT EXISTING ASPHALT SHINGLE ASSEMBLY TO REMAIN. PATCH AND REPAIR AS REQUIRED FOR WATERTIGHT CONDITIONS AND MEET WARRANTY REQUIREMENTS.
- (20) IF ALTERNATE ACCEPTED, REPLACE METAL FASCIA COMPLETE. UPPER 2 STORY ROOF FASCIA, LOWER 2 STORY ROOF, WALL FASCIA COMPLETE.
- (21) IF ALTERNATE NOT ACCEPTED, PAINT UPPER 2 STORY ROOF FASCIA, LOWER 2 STORY ROOF, WALL FASCIA COMPLETE.
- (22) EXISTING ROOF TEES TO CURB TO REMAIN. WRAP MEMBRANE AND MEMBRANE FLASHING FOR WATERTIGHT CONDITIONS. 1/A-211.
- (23) ROOF DRAIN ASSEMBLY. REFER TO DETAIL 12/A-210
- (24) ROOF DRAIN SADDLE
- (25) EXTEND ROOFING MEMBRANE UP SLOPED ROOF 6'-0" AND OVERLAP NEW UNDERLAYMENT MEMBRANE AND ASPHALT SHINGLES 4'-0" ONTO ROOF MEMBRANE (TRANSITION TO BE 2'-0" UP SLOPE FROM CHANGE IN ANGLE).

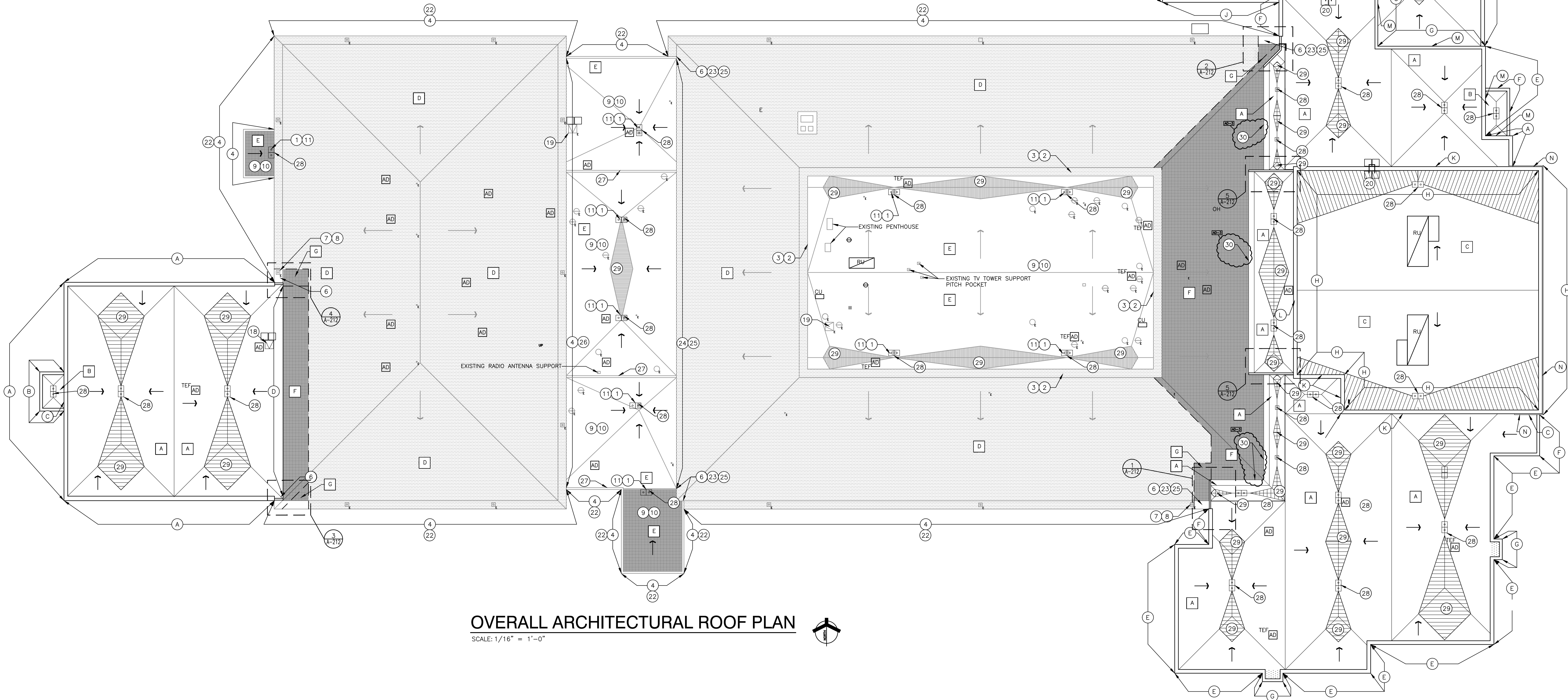
ROOF LEGEND:

- RELIEF UNIT
TOILET EXHAUST FAN
EXHAUST FAN
ROOF DRAIN
PLUMBING VENT
ROOF DRAINAGE SADDLE
MECHANICAL UNIT
CONDENSING UNIT
ROOF HATCH
ROOF WALKWAY PADS
AUTOMATIC DAMPER
INDICATES ROOF SLOPE (1/4" PER 12")
- EXISTING ROOF DRAINAGE SADDLE
EXISTING OUTDOOR AIR INTAKE
EXISTING MECHANICAL UNIT
EXISTING ROOF HATCH
- HATCH PATTERN INDICATES EXISTING ROOF SYSTEM TO REMAIN.
HATCH PATTERN INDICATES RE-ROOF OF EXISTING ROOF.

- J. EXTEND ALL PLUMBING VENTS SO THAT THE TOP IS A MINIMUM OF 12" ABOVE THE ROOFING MEMBRANE.
- K. PROVIDE NEW FLASHING AND TWO PIECE COUNTER-FLASHING WHERE NEW ROOFING ABUTS A NEW OR EXISTING WALL, UNLESS OTHERWISE NOTED OR DETAILED.
- L. PROVIDE FLASHING AND SADDLES FOR ALL EQUIPMENT PROVIDED UNDER MECHANICAL.
- M. PROVIDE FLASHING OF ALL VENTS, FAN CURBS, MASONRY WALLS, FLUES, DRAINS, FASCIAS, ETC. IN ACCORDANCE WITH THESE DRAWINGS AND SPECIFICATIONS, AND WITH ROOFING MANUFACTURERS STANDARD DETAILS AND SPECIFICATIONS.
- N. CONTRACTOR TO PROVIDE CRICKETS AND/OR ROOF SADDLES AS REQUIRED TO PROMOTE POSITIVE DRAINAGE AROUND ALL ROOF TOP PENETRATIONS.
- O. SADDLES AND TAPERED INSULATION SYMBOLS INDICATE DESIGN INTENT TO SLOPES TO DRAIN. ROOFING INSTALLER SHALL PROVIDE SUBMITTAL DRAWINGS FOR TAPERED INSULATION AND SADDLES TO ENSURE POSITIVE SLOPE.
- P. ALL NEW WOOD BLOCKING AND NAILERS SHALL BE FIRE/MOISTURE TREATED WOOD.
- Q. ANCHOR ALL ROOFING EDGE WOOD BLOCKING AND STRUCTURAL INSULATED SHEATHING FOR COPINGS, FASCIA, AND EXPANSION JOINT COMPRESSIBLE TUBES AS REQUIRED TO CONFORM TO STATE AND LOCAL CODES.
- R. REFER TO ARCHITECTURAL FLOOR PLAN FOR LOCATION OF SECTION CUTS FOR ADDITIONAL INFORMATION.
- S. DEMOLITION AND REMOVAL OPERATIONS ARE TO BE PERFORMED CARE- FULLY AND ALL PORTIONS OF THE BUILDING SHALL BE PROTECTED DURING THESE OPERATIONS. ITEMS TO BE REUSED AND REINSTALLED ARE TO BE CAREFULLY REMOVED AND STORED. DAMAGES INCURRED DURING REMOVAL OR STORAGE SHALL BE THE CONTRACTOR'S RESPONSIBILITY.
- T. REMOVE ALL EXISTING ROOF GRAVEL, RESIDUE, AND ALL PROJECTIONS WHICH WOULD PREVENT THE NEW ROOF INSULATION FROM LAYING FLAT OVER THE EXISTING ROOF SURFACES.
- U. REMOVE AND CLEAN ROOF DRAIN STRAINERS AND CLAMP RINGS. REINSTALL AFTER NEW ROOF INSULATION AND ROOFING MEMBRANE ARE IN PLACE, ANY BROKEN OR MISSING ROOF DRAIN STRAINER SHALL BE REPLACED WITH A NEW STRAINER.
- V. SEE MECHANICAL DRAWINGS FOR LOCATIONS OF ROOF TOP EQUIPMENT TO BE REMOVED.
- W. ALL ROOF SADDLE SLOPES SHALL BE 1/2" PER 12"

GENERAL ROOF PLAN NOTES:

- A. FOR GENERAL NOTES, MATERIAL INDICATIONS LEGEND, SYMBOL LEGEND, ABBREVIATIONS, ETC. SEE SHEET G-301.
- B. THERE MAY BE LOCATIONS ON NEW AND/OR EXISTING ROOF WHERE THE ROOF DECK MAY NOT BE STRUCTURALLY SOUND. CONTRACTORS SHOULD USE EXTREME CAUTION IN WORKING THESE ROOF AREAS TO MAINTAIN SAFE WORKING CONDITIONS.
- C. THE ROOFING INSTALLER SHALL VERIFY ALL DIMENSIONS, CLEARANCES AND ALL EXISTING FIELD CONDITIONS BEFORE STARTING CONSTRUCTION. COMMENCEMENT OF WORK CONSTITUTES ACCEPTANCE OF CONDITIONS. SHOULD DIFFERENT CONDITIONS BE ENCOUNTERED, CONTACT THE ARCHITECT BEFORE PROCEEDING WITH WORK.
- D. THE ROOFING INSTALLER SHALL BE RESPONSIBLE FOR THE REPAIR OR REPLACEMENT OF ALL DAMAGE CAUSED BY THE IMPROPER STORAGE OR STACKING OF ROOFING MATERIALS.
- E. ALL DIMENSIONS INDICATED ON THE ROOF PLAN ARE APPROXIMATE. THE ROOFING INSTALLER IS RESPONSIBLE FOR OBTAINING ACCURATE FIELD MEASUREMENTS FOR THE EXECUTION OF HIS WORK AND PRIOR TO ANY FABRICATION OF THE VARIOUS MATERIALS.
- F. THE ROOFING INSTALLER SHALL PROTECT ALL ROOF DRAINS, SCUPPERS AND DOWNSPOUTS FROM DEBRIS CREATED DURING DEMOLITION AND/OR NEW CONSTRUCTION. THE ROOFING INSTALLER SHALL INSPECT AND CLEAR ALL DRAINS, SCUPPERS AND DOWNSPOUTS PRIOR TO COMPLETION OF WORK AND TO ENSURE THAT THEY ARE FREE OF DEBRIS AND ARE FUNCTIONING PROPERLY.
- G. ROOF DRAIN LOCATION INDICATE DESIGN INTENT. COORDINATE LOCATIONS WITH STRUCTURAL AND MECHANICAL, ELECTRICAL, AND PLUMBING DRAWINGS AND TRADES.
- H. FOR LOCATION AND QUANTITY OF ALL ROOFTOP MECHANICAL EQUIPMENT, REFER TO MECHANICAL DRAWINGS.
- I. FOR LOCATION OF ALL NEW AND/OR EXISTING PLUMBING VENTS, REFER TO MECHANICAL ROOF PLANS.



OVERALL ARCHITECTURAL ROOF PLAN

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



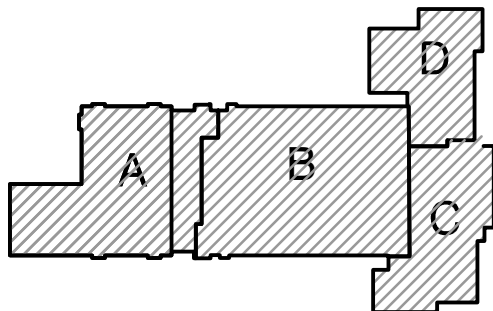
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PROJECT

TIMOTHY BALL
ES ADDITION
AND
RENOVATIONS

CROWN POINT COMMUNITY
SCHOOL CORPORATION
CROWN POINT, INDIANA



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02/07/22

COORDINATED BY

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AD-2 02/24/22 ADDENDUM NO. 2

AD-3 03/03/22 ADDENDUM NO. 3

DRAWING

OVERALL ARCHITECTURAL

ROOF PLAN

PROJECT

TIMOTHY BALL ES ADDITIONS AND

RENOVATIONS

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OVERALL ARCHITECTURAL

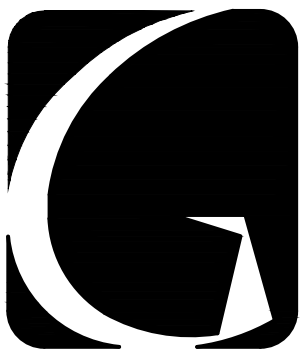
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A-212

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A-212

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A-212

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A-212

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A-212

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A-212

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A-212

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A-212

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A-212

DRAWING

TYPICAL ROOF DETAILS

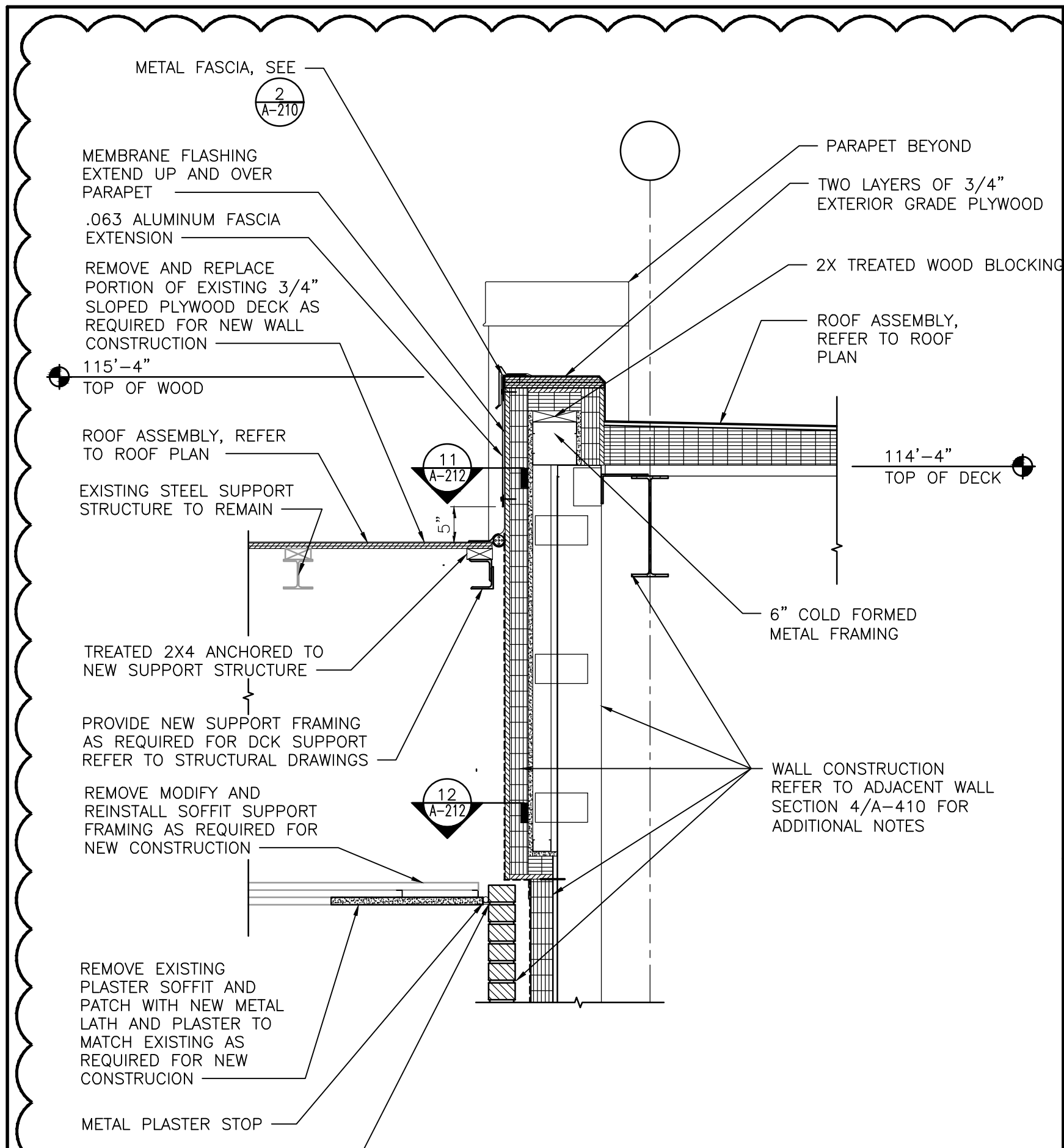
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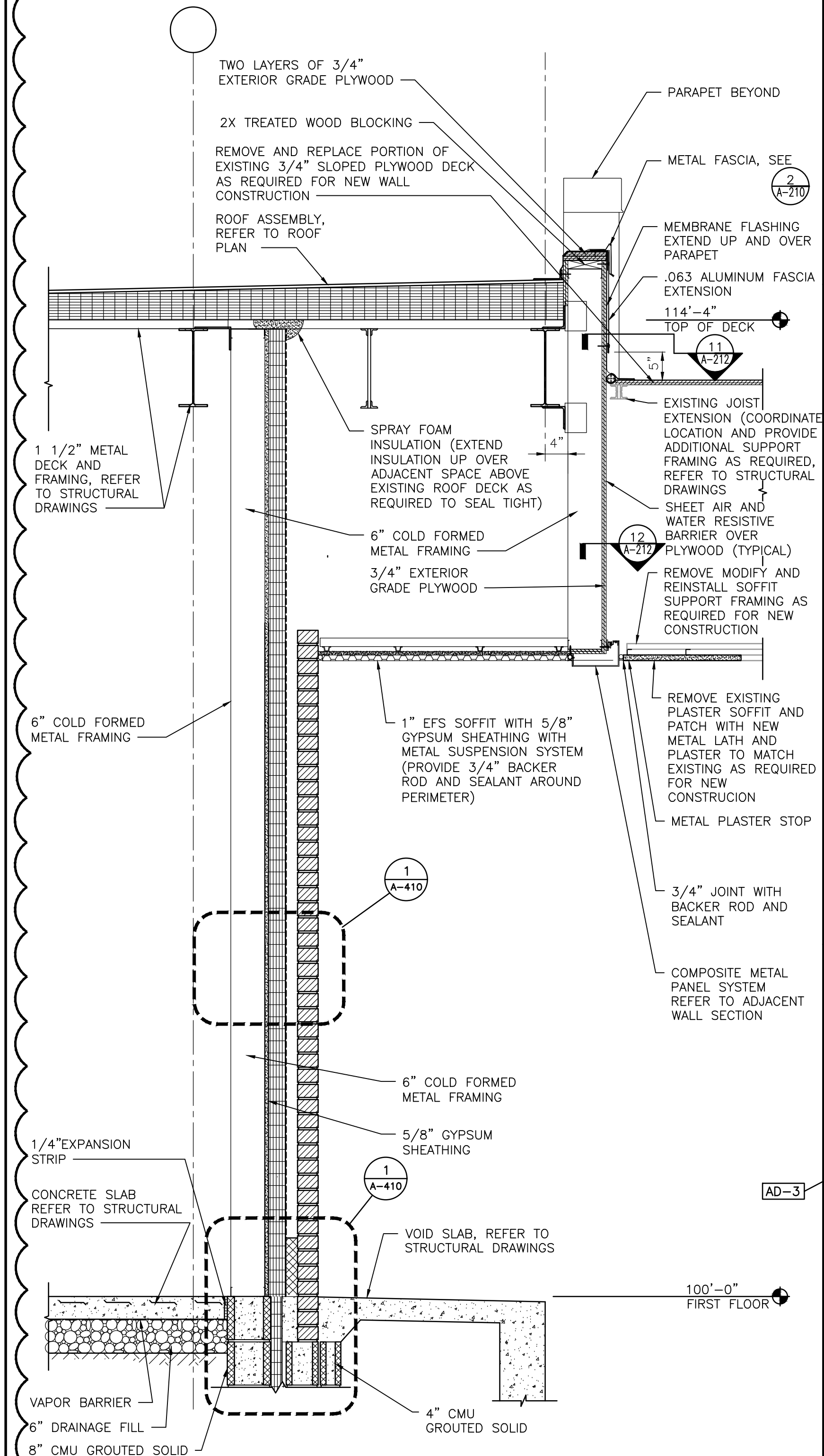
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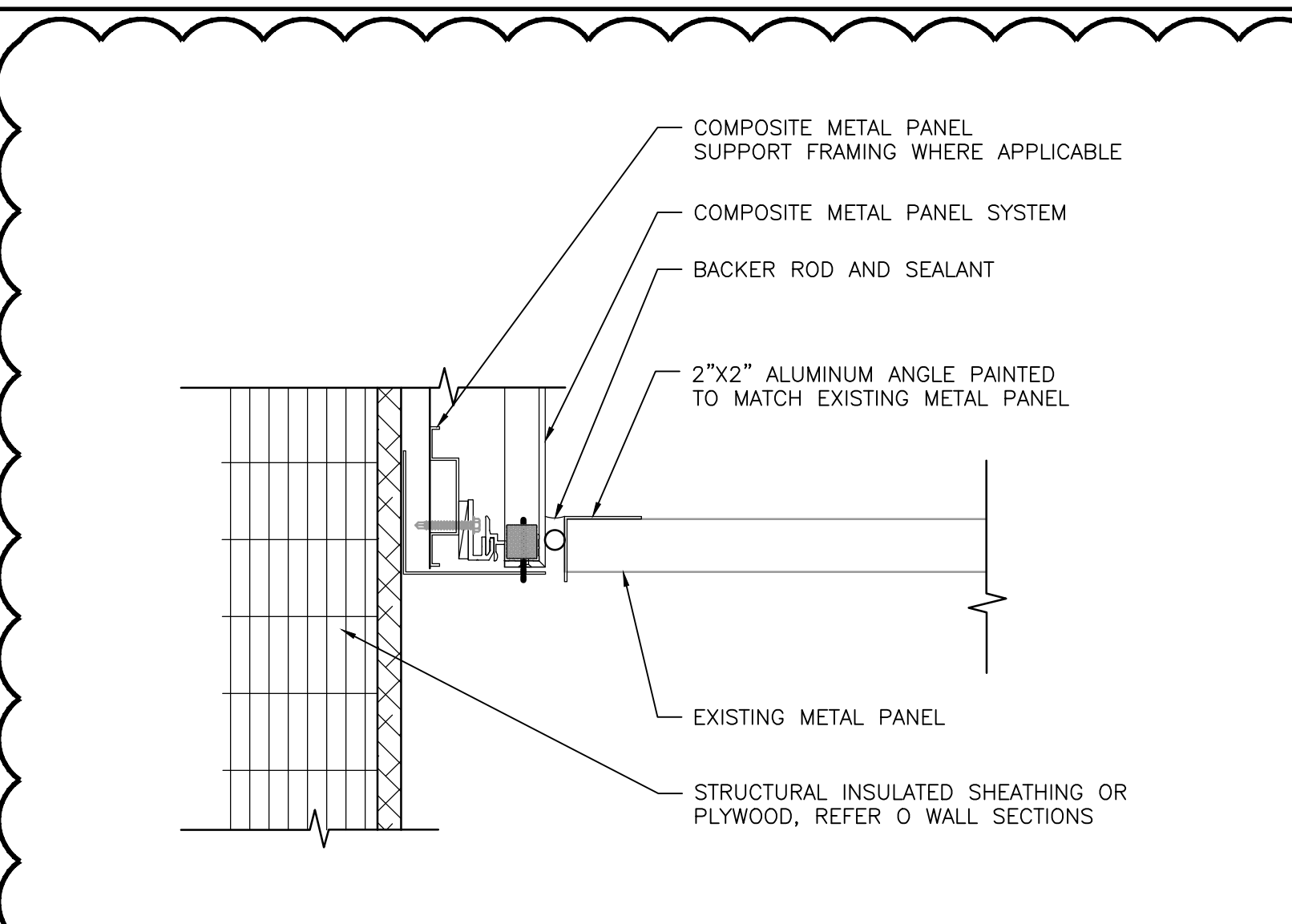
WALL SECTION
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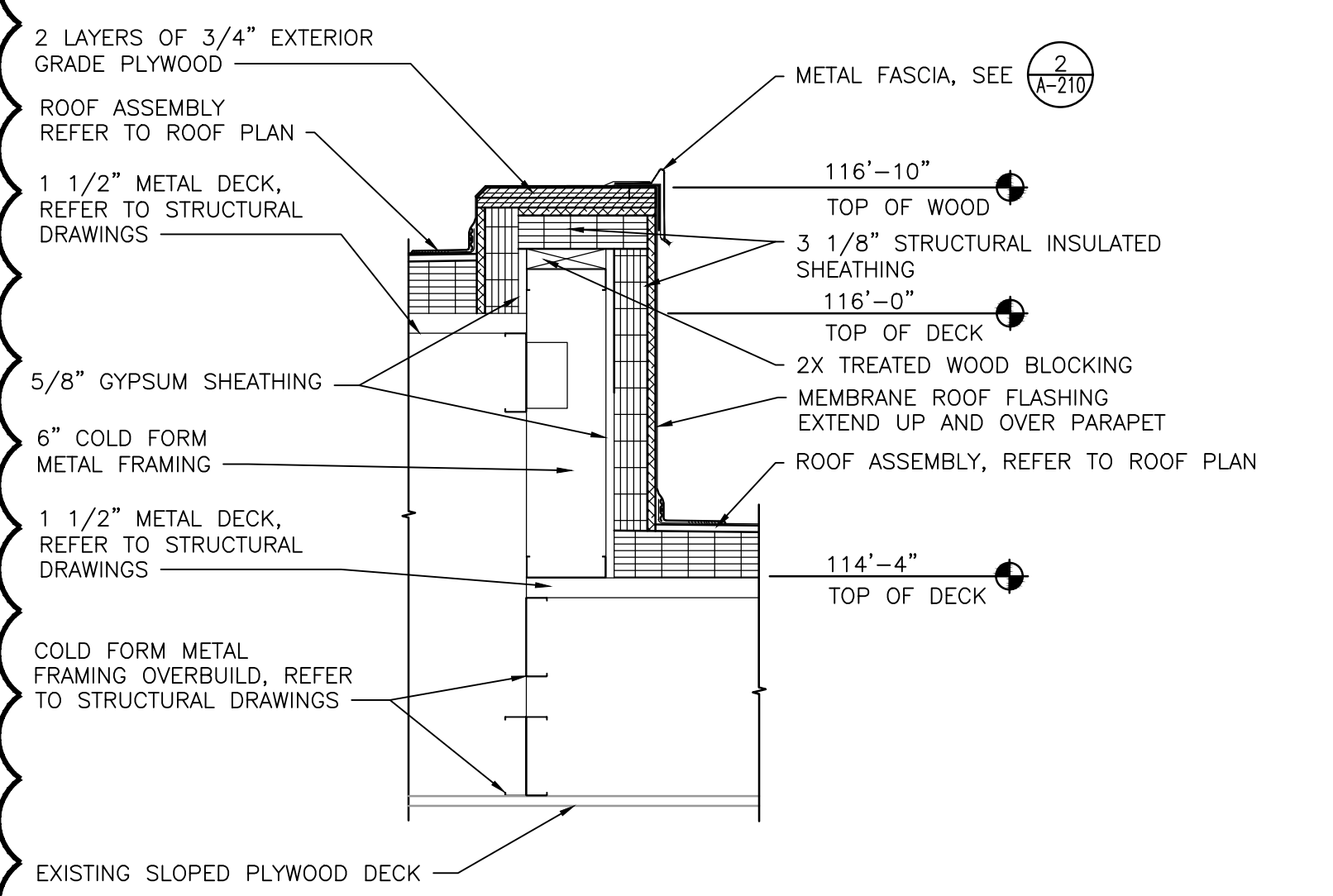
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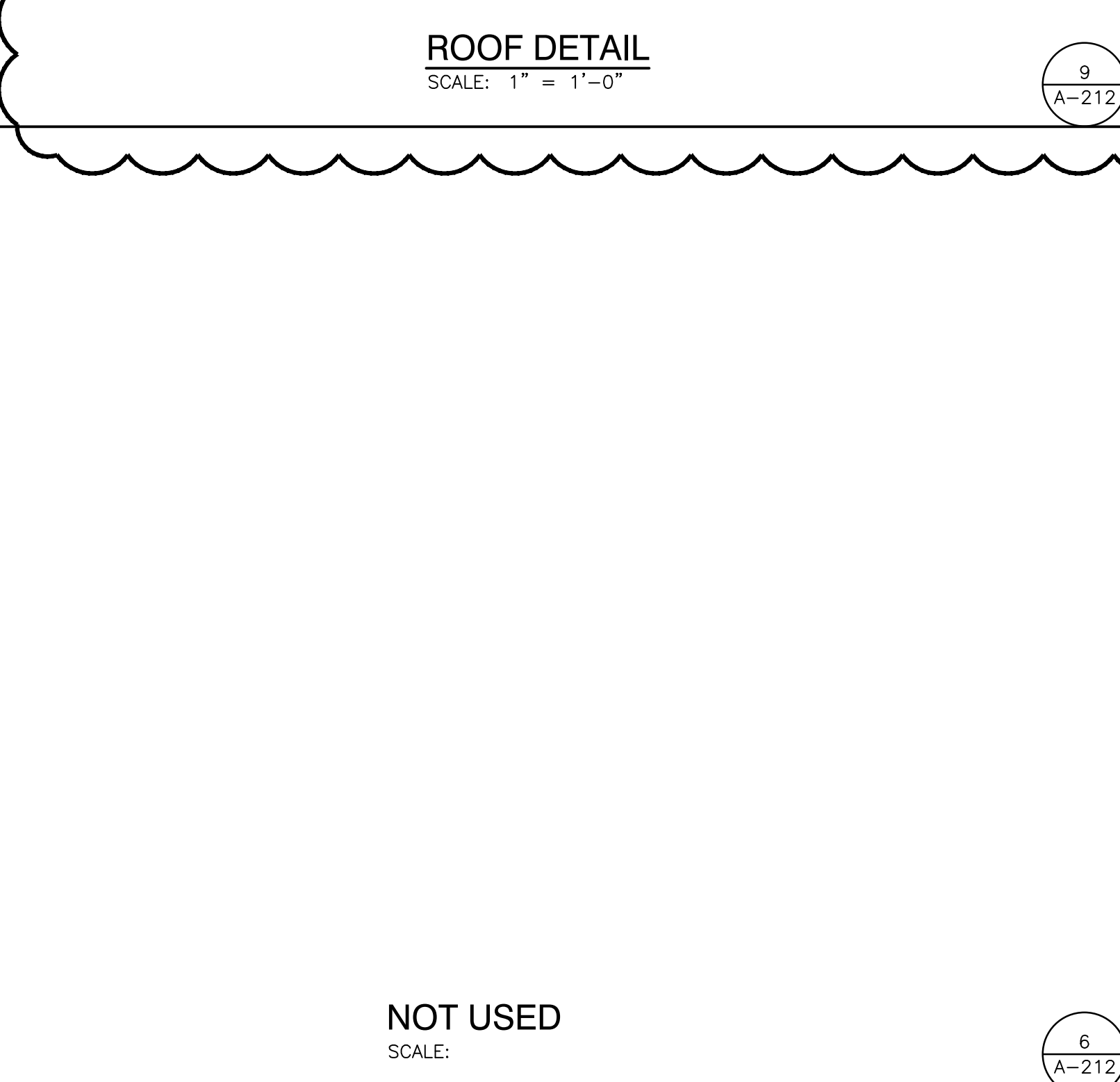
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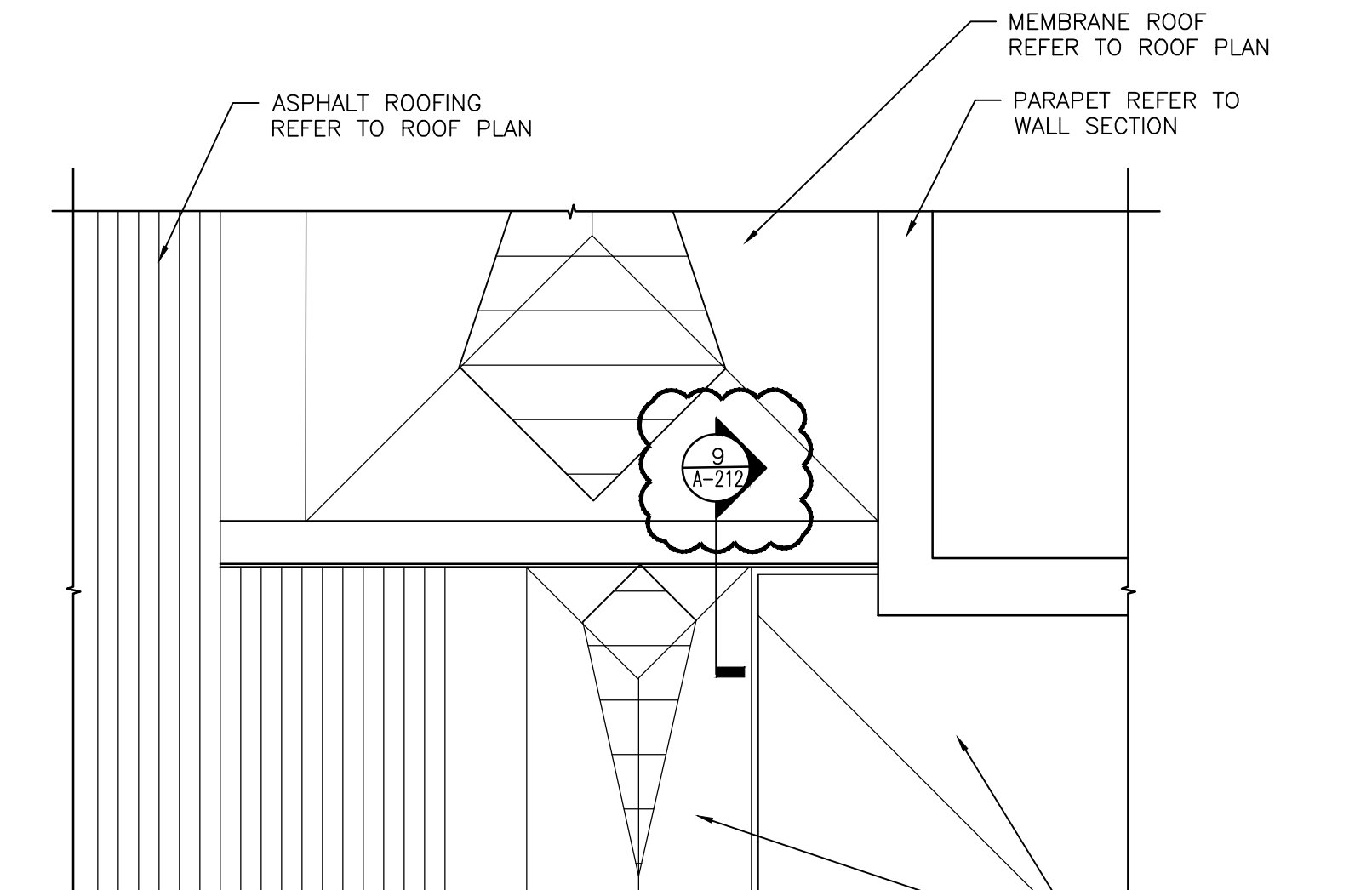
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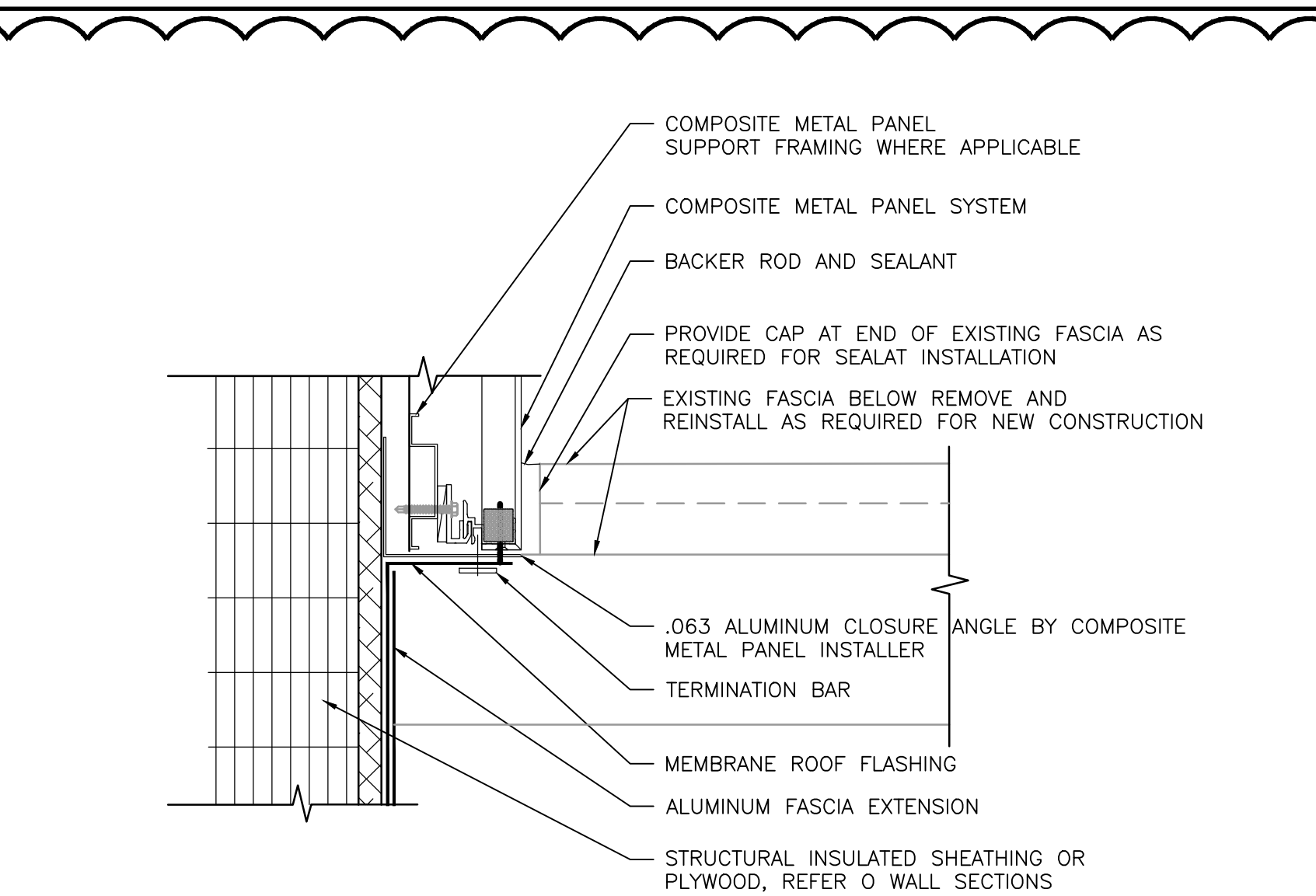
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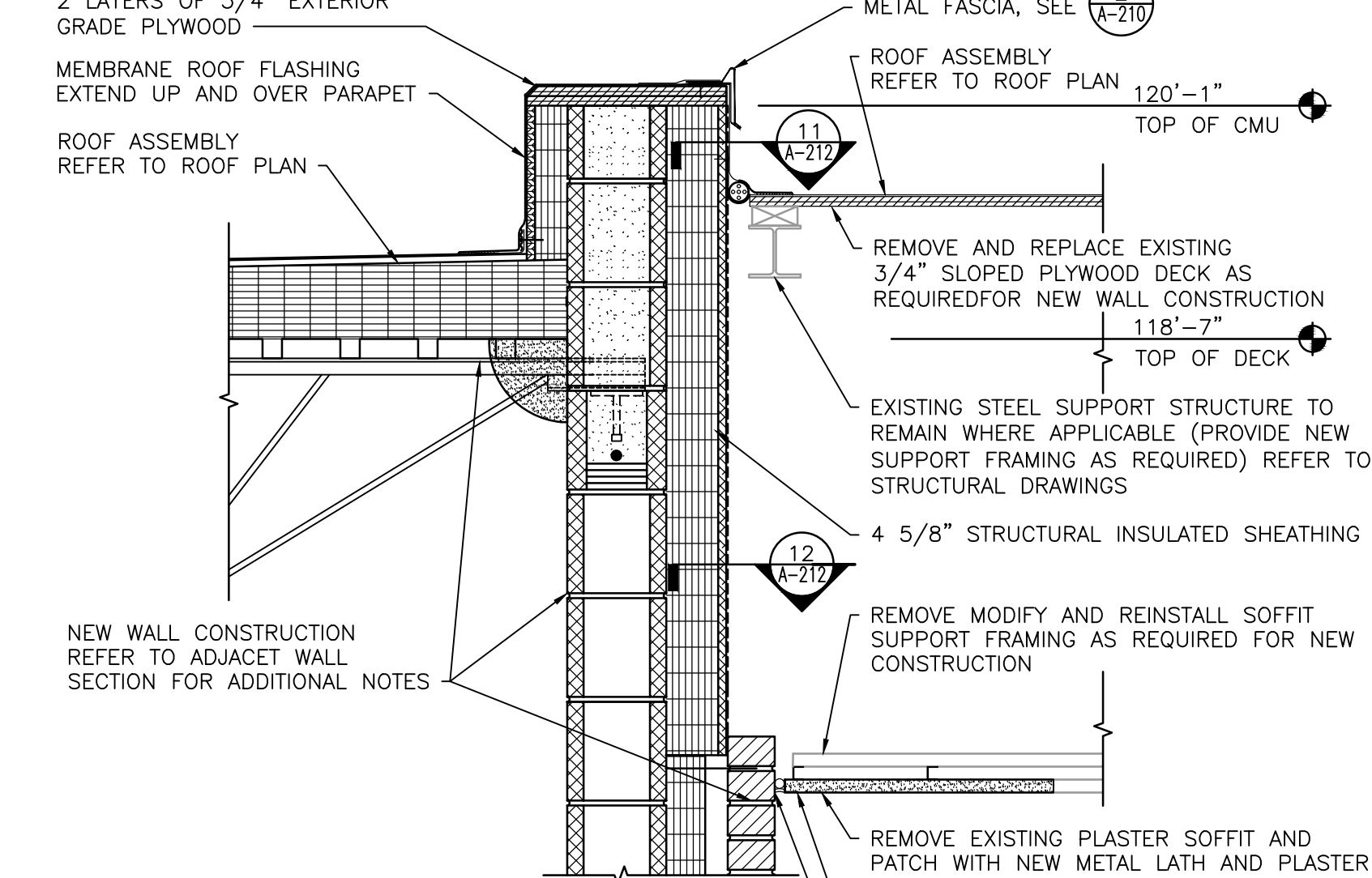
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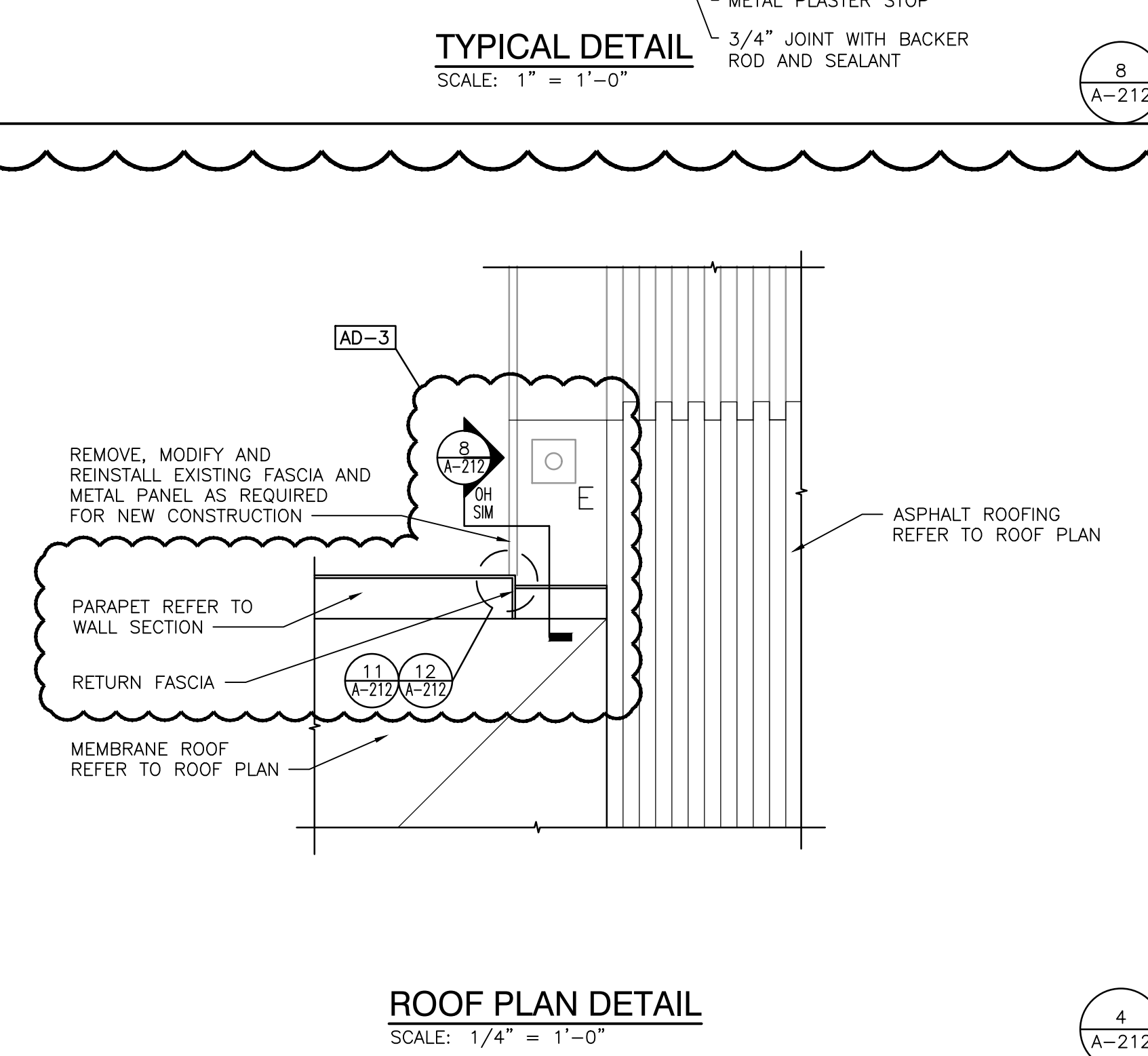
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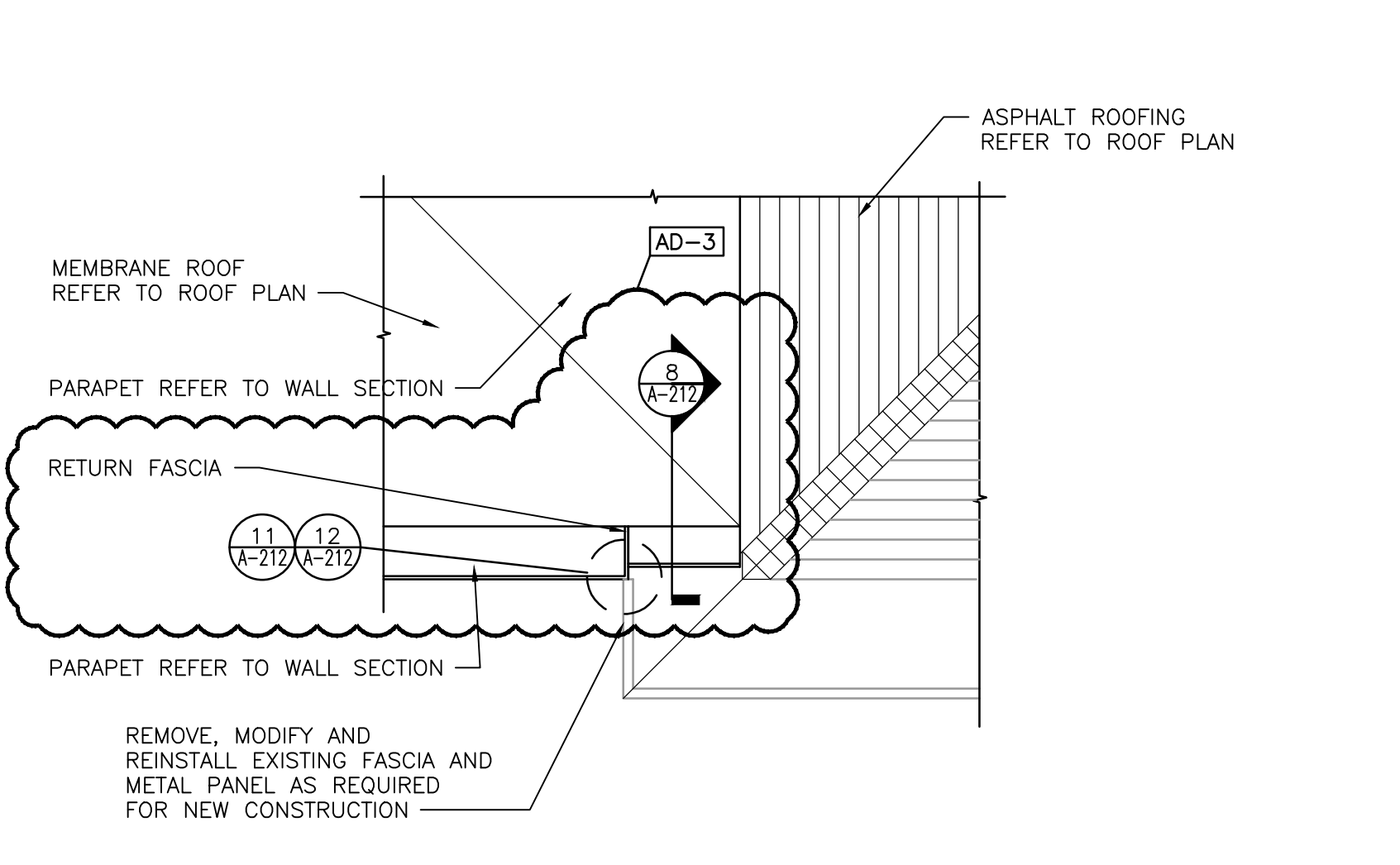
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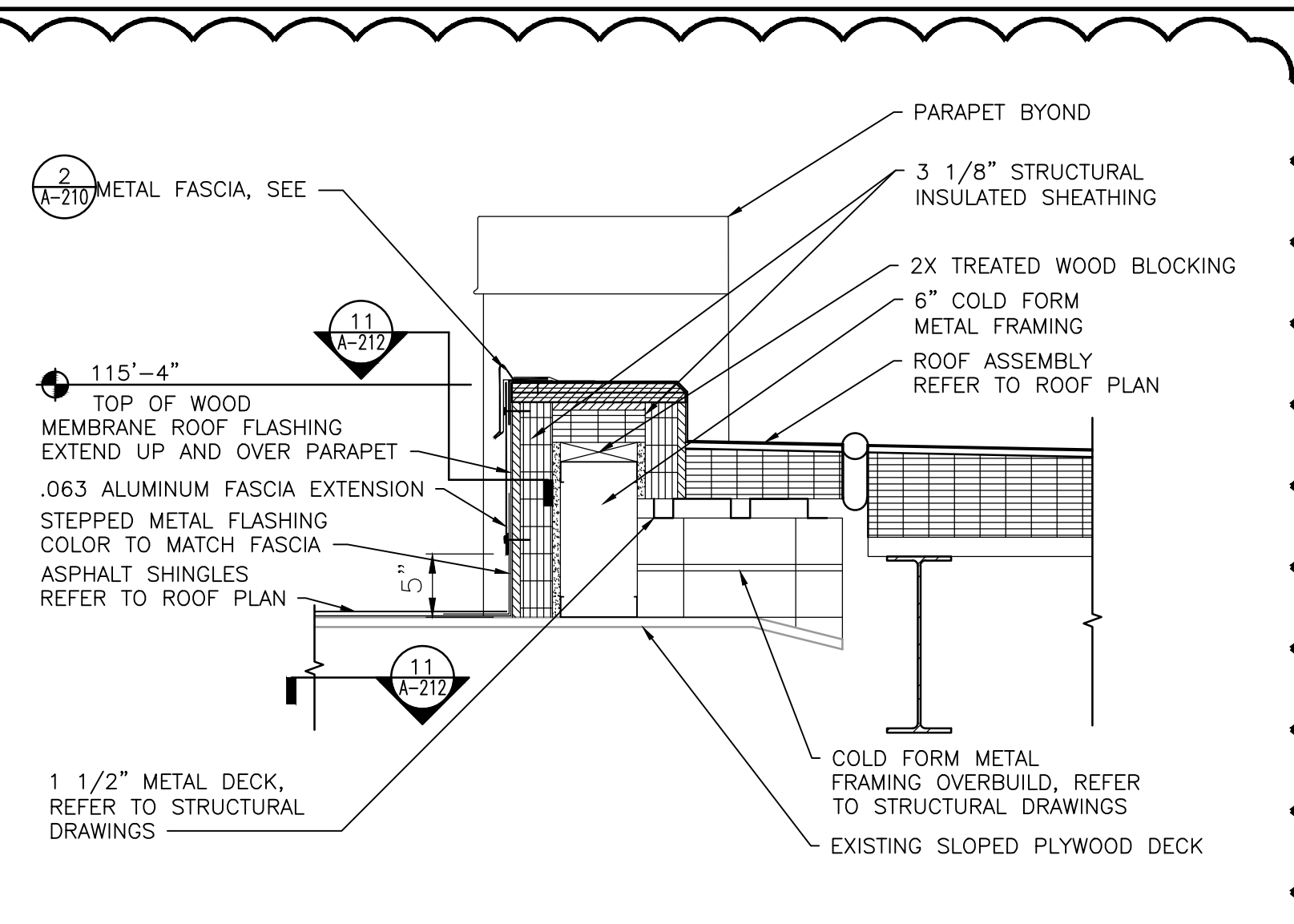
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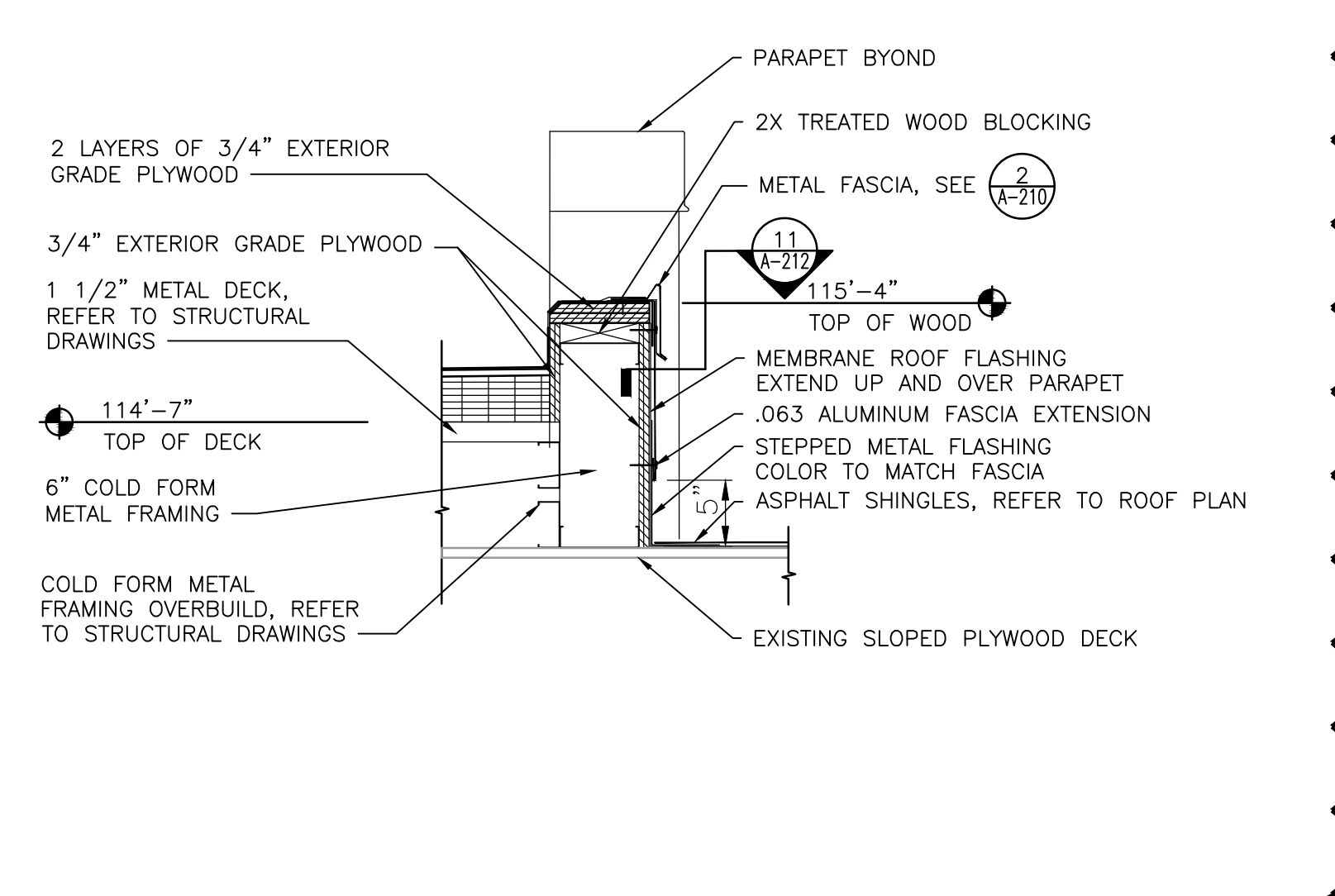
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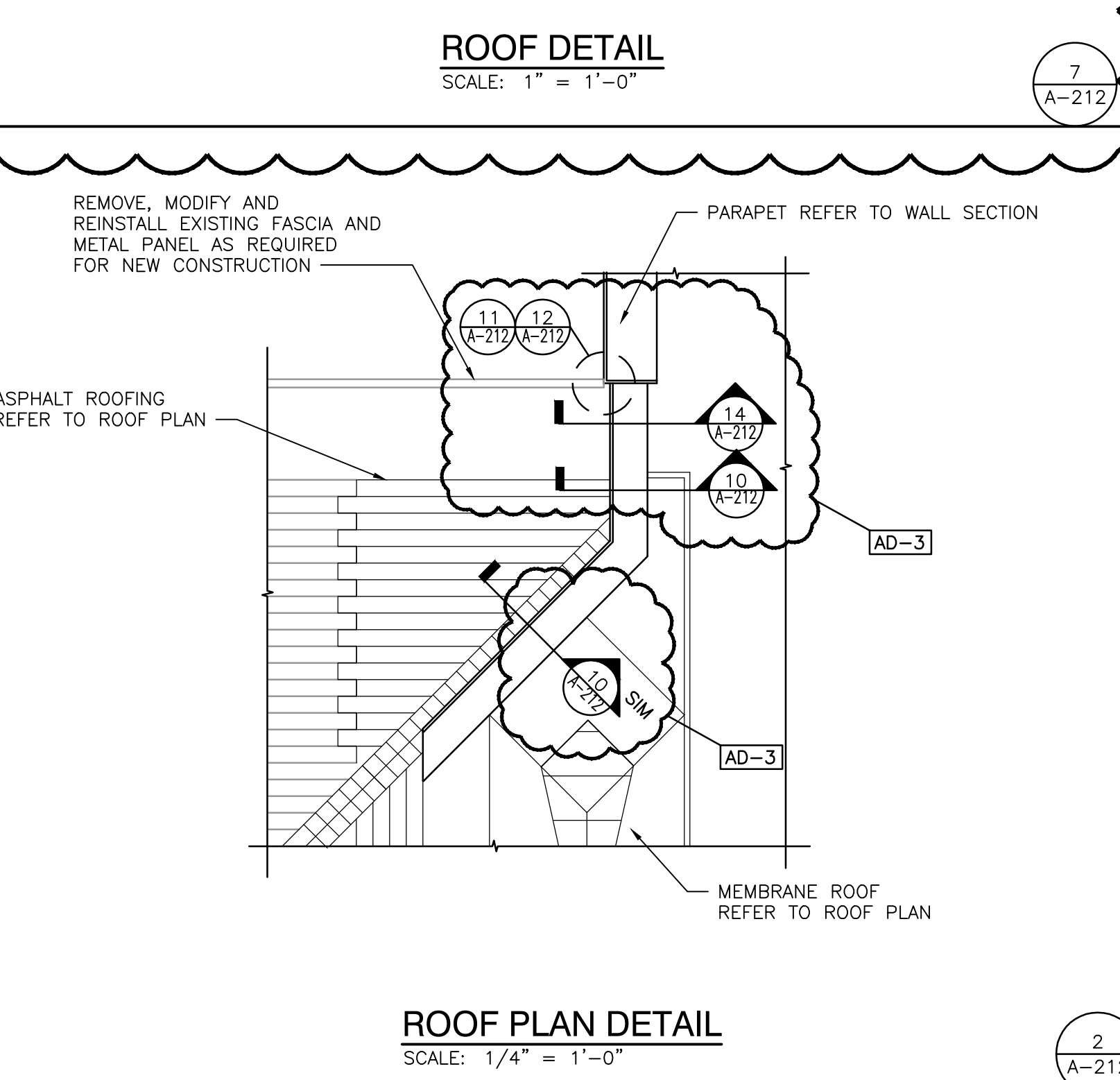
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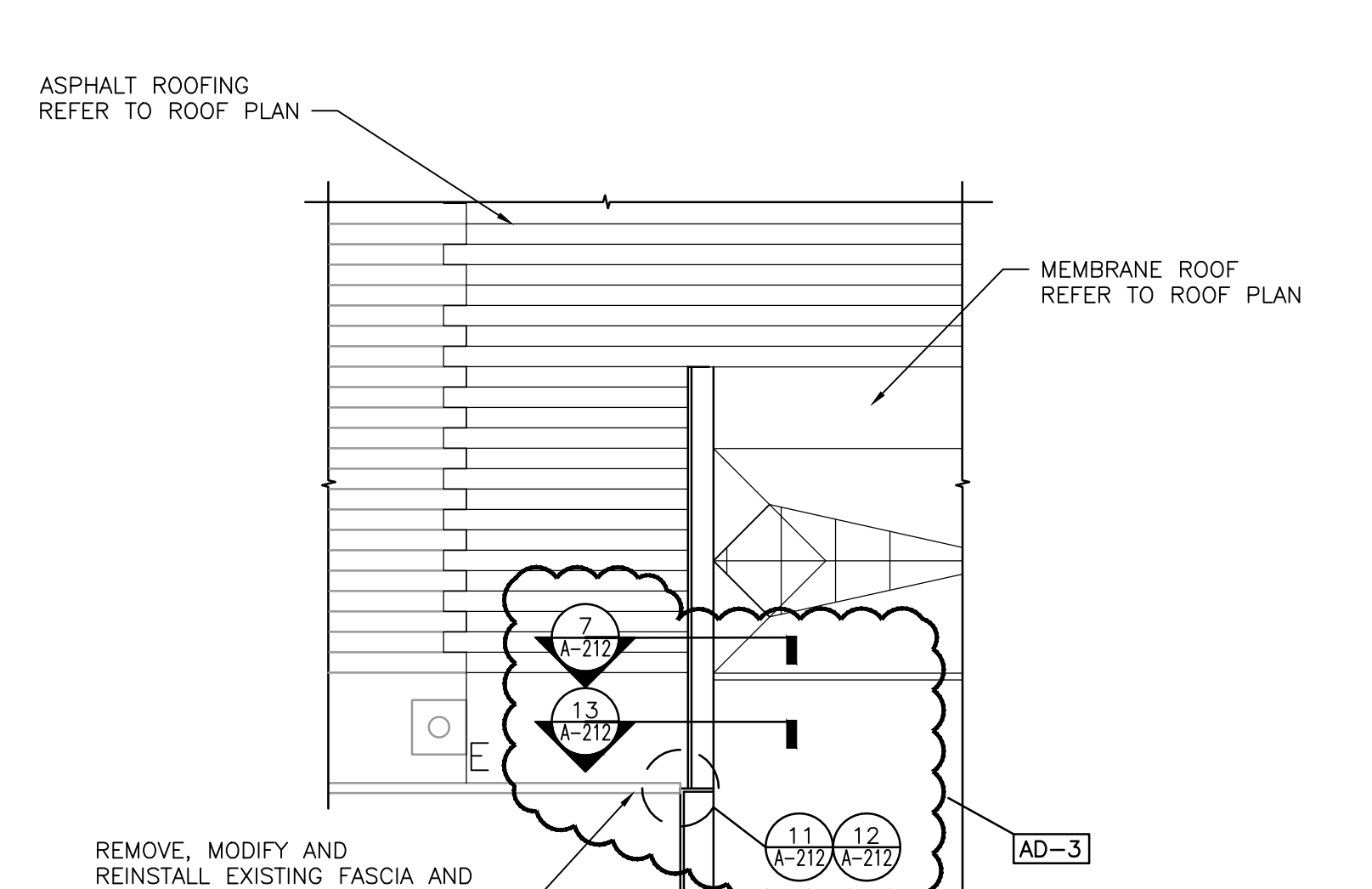
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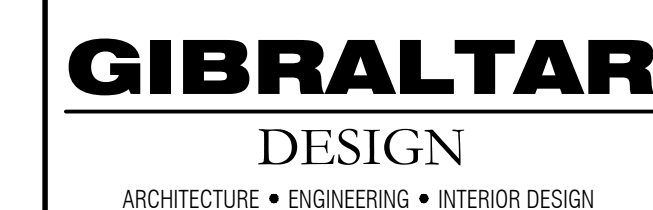
ROOF PLAN DETAIL
SCALE: 1/4" = 1'-0"

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A-212



ROOF PLAN DETAIL
SCALE: 1/4" = 1'-0"

1
A-212



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ARCHITECT
Joseph P. Briggs

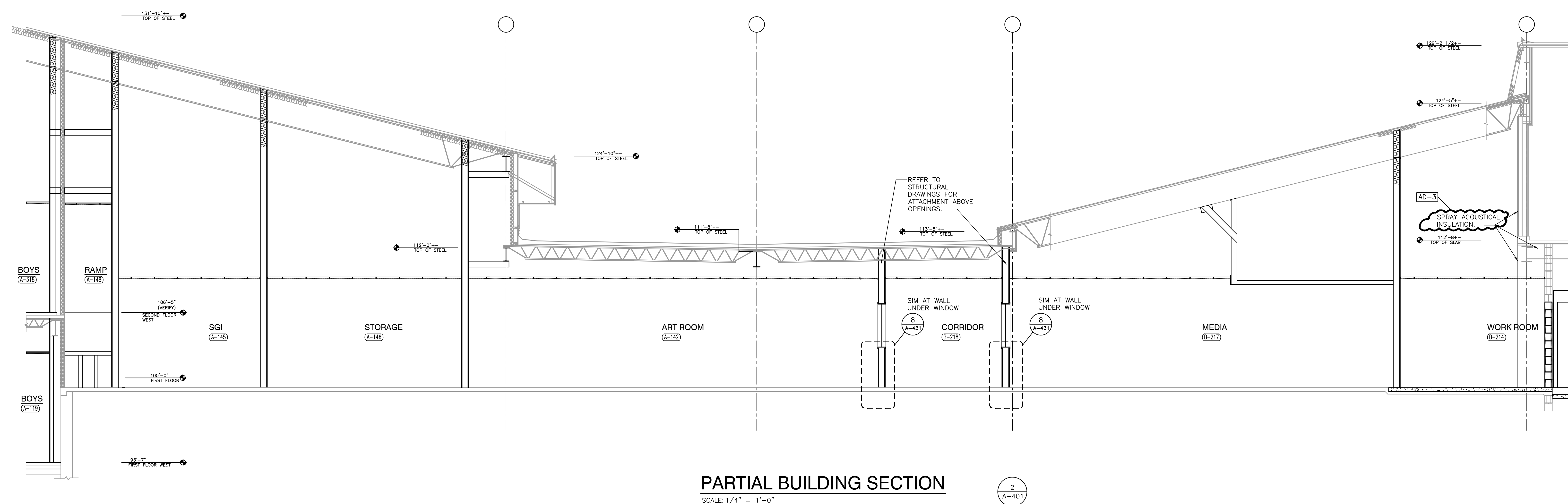
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MARK	DATE	ISSUED FOR
AD-3	03/03/22	ADDENDUM NO. 3

DRAWING
BUILDING SECTIONS

PROJECT
TIMOTHY BALL ES ADDITIONS AND
RENOVATIONS

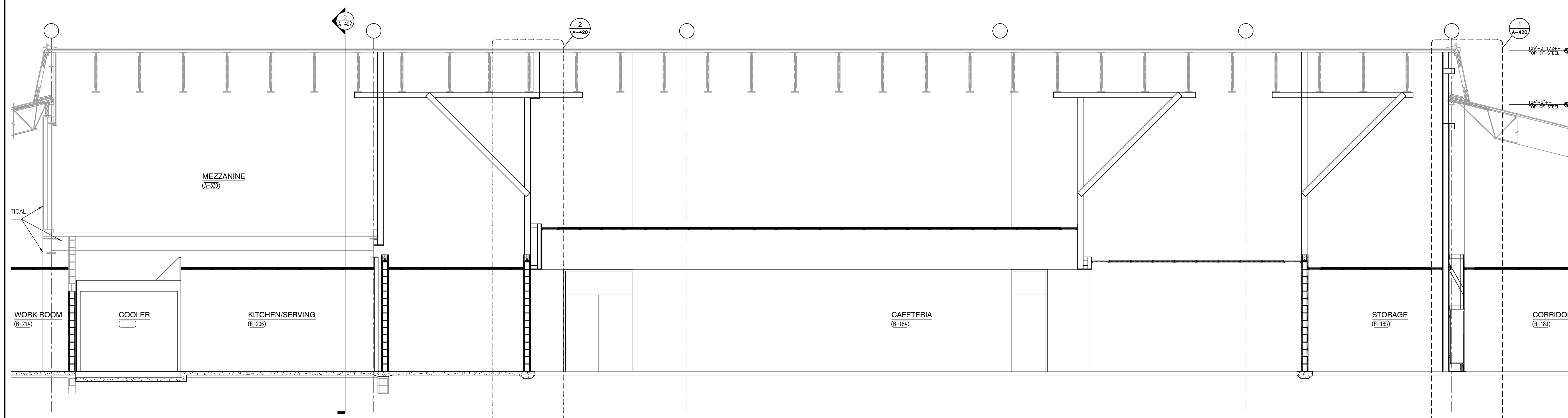
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SHEET
A-401



PARTIAL BUILDING SECTION

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

2
A-40



PARTIAL BUILDING SECTION

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

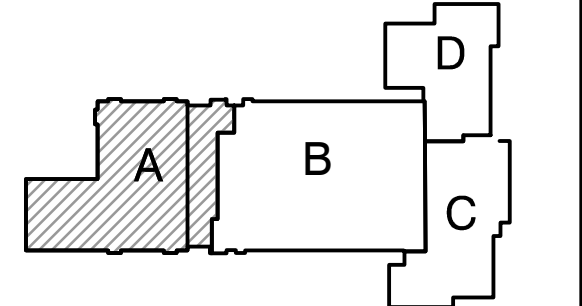
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ADDITION AND RENOVATIONS\21-112 DRAWINGS\05
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PROJECT
**TIMOTHY BALL
ES ADDITION
AND
RENOVATIONS**
CROWN POINT COMMUNITY
SCHOOL CORPORATION
CROWN POINT, INDIANA



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

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21-112
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JPB

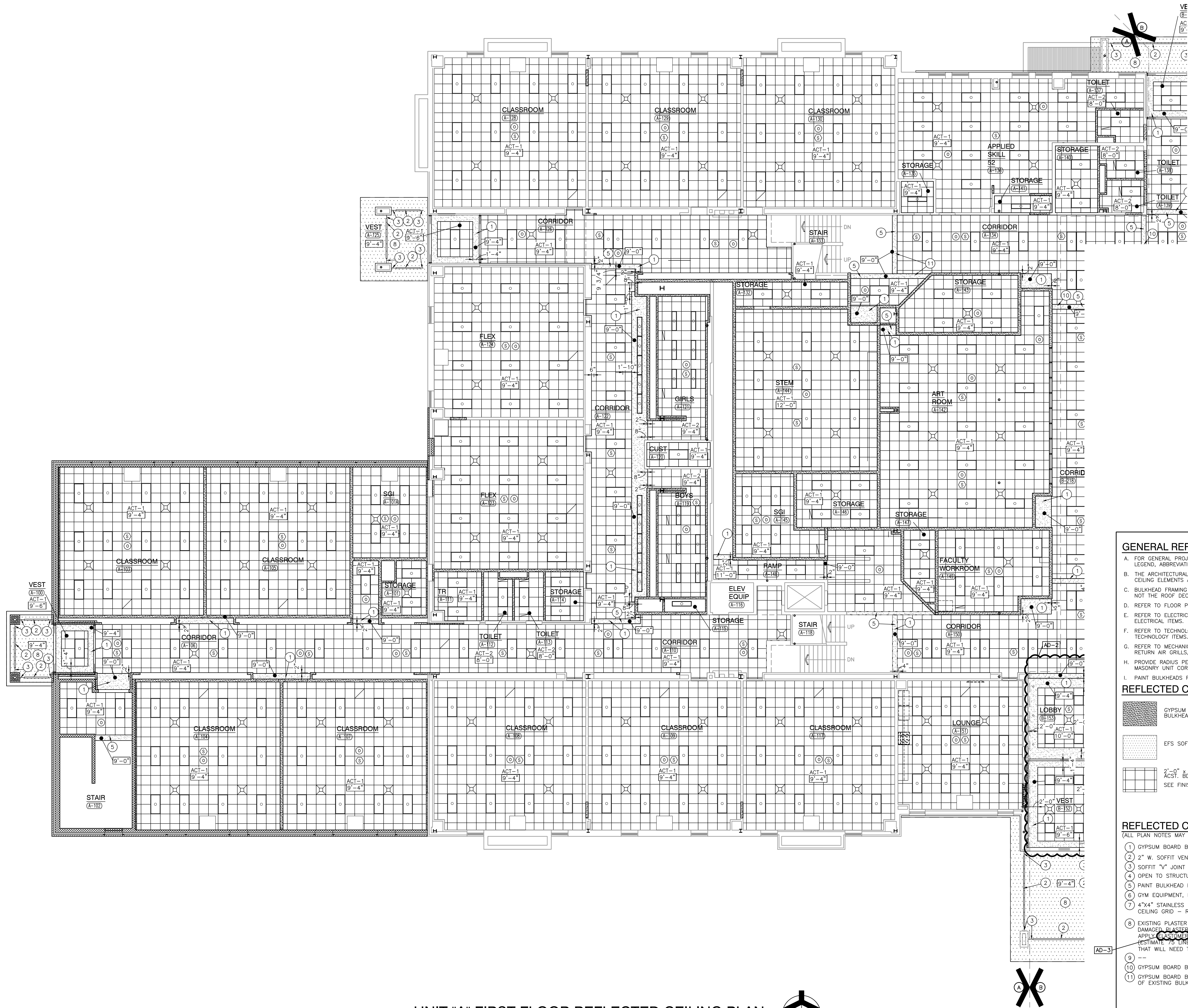
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AD-3 03/03/22 ADDENDUM NO. 3

DRAWING
**UNIT "A" FIRST FLOOR
REFLECTED CEILING PLAN**

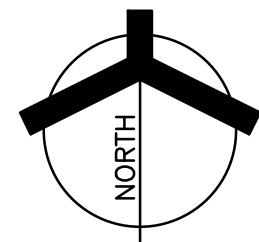
PROJECT
**TIMOTHY BALL ES ADDITIONS AND
RENOVATIONS**

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A A-901



UNIT "A" FIRST FLOOR REFLECTED CEILING PLAN

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



GENERAL REFLECTED CEILING PLAN NOTES:

- FOR GENERAL PROJECT NOTES, MATERIAL INDICATIONS LEGEND, SYMBOL LEGEND, ABBREVIATIONS, ETC., REFER TO GI SERIES SHEETS.
- THE ARCHITECTURAL REFLECTED CEILING PLAN GOVERN THE LAYOUT OF ALL CEILING ELEMENTS AND PENETRATIONS.
- BULKHEAD FRAMING SHALL BE ATTACHED TO STRUCTURAL SUPPORTS AND NOT THE ROOF DECK.
- REFER TO FLOOR PLANS FOR WALL TYPES
- REFER TO ELECTRICAL DRAWINGS FOR ADDITIONAL CEILING MOUNTED ELECTRICAL ITEMS.
- REFER TO TECHNOLOGY DRAWINGS FOR ADDITIONAL CEILING MOUNTED TECHNOLOGY ITEMS.
- REFER TO MECHANICAL DRAWINGS FOR LOCATION OF CEILING DIFFUSERS, RETURN AIR GRILLS, AND CEILING CABINET HEATERS.
- PROVIDE RADIUS PERIMETER ANGLE TRIM CORNERS AT BULLNOSE CONCRETE MASONRY UNIT CORNERS.
- PAINT BULKHEADS P2, UNLESS NOTED OTHERWISE.

REFLECTED CEILING PLAN LEGEND:

- | | |
|-------------------|--|
| | ○ LED LIGHT |
| | □ 1x4 LIGHT FIXTURE |
| | □ 2x4 LIGHT FIXTURE |
| SEE FINISH LEGEND | ● PENDANT LIGHT FIXTURE |
| | ○ SPEAKER |
| | ○ OCCUPANCY SENSOR |
| | □ SUPPLY AIR DIFFUSER |
| | □ RETURN, EXHAUST, AND TRANSFER AIR GRILLE |

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

- GYPSUM BOARD BULKHEAD.
- 2" W. SOFFIT VENT. LENGTH AS INDICATED.
- SOFFIT "Y" JOINT
- OPEN TO STRUCTURE ABOVE - NO CEILING REQUIRED
- PAINT BULKHEAD P5.
- GYM EQUIPMENT, REFER TO EQUIPMENT DRAWINGS.
- 4"x4" STAINLESS STEEL CLOSURE TRIM BETWEEN FACE OF COOLER AND CEILING GRID - REFER TO KITCHEN EQUIPMENT DRAWINGS
- EXISTING PLASTER SOFFIT TO REMAIN. REMOVE LOOSE OR WATER DAMAGED PLASTER AND PATCH CRACKS AND/OR HOLES WITH BASE COAT. APPLY GYPSUM BOARD OVER ENTIRE PLASTER SOFFIT SURFACE. (ESTIMATE 75 LINEAR FEET OF 6" WIDE CRACKED OR LOOSE SURFACE THAT WILL NEED TO BE REMOVED AND REPLACED.)
-
- GYPSUM BOARD BULKHEAD REFRAMING OF EXISTING BULKHEAD.
- GYPSUM BOARD BULKHEAD CAP OF EXISTING BULKHEAD AFTER REMOVAL OF EXISTING BULKHEAD EXTENSION.

GENERAL REFLECTED CEILING PLAN NOTES:

- A. FOR GENERAL PROJECT NOTES, MATERIAL INDICATIONS LEGEND, SYMBOL LEGEND, ABBREVIATIONS, ETC., REFER TO G1 SERIES SHEETS.
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- C. BULKHEAD FRAMING SHALL BE ATTACHED TO STRUCTURAL SUPPORTS AND NOT THE ROOF DECK.
- D. REFER TO FLOOR PLANS FOR WALL TYPES
- E. REFER TO ELECTRICAL DRAWINGS FOR ADDITIONAL CEILING MOUNTED ELECTRICAL ITEMS.
- F. REFER TO TECHNOLOGY DRAWINGS FOR ADDITIONAL CEILING MOUNTED TECHNOLOGY ITEMS.
- G. REFER TO MECHANICAL DRAWINGS FOR LOCATION OF CEILING DIFFUSERS, RETURN AIR GRILLS, AND CEILING CABINET HEATERS.
- H. PROVIDE RADIUS PERIMETER ANGLE TRIM CORNERS AT BULLNOSE CONCRETE MASONRY UNIT CORNERS.
- I. PAINT BULKHEADS P2, UNLESS NOTED OTHERWISE.

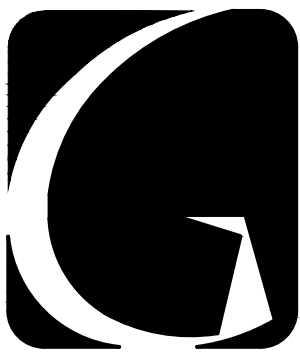
REFLECTED CEILING PLAN LEGEND:

- GYPSUM BOARD BULKHEAD/CEILING
- EFS SOFFIT
- 2'-0" x 2'-0" ACFT. 80° CEILING SEE FINISH LEGEND
- LED LIGHT
- 1x4 LIGHT FIXTURE
- 2x4 LIGHT FIXTURE
- PENDANT LIGHT FIXTURE
- SPEAKER
- OCCUPANCY SENSOR
- SUPPLY AIR DIFFUSER
- RETURN, EXHAUST, AND TRANSFER AIR GRILLE

REFLECTED CEILING PLAN NOTES:

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

- 1 GYPSUM BOARD BULKHEAD.
- 2 2" W. SOFFIT VENT. LENGTH AS INDICATED.
- 3 SOFFIT "V" JOINT
- 4 OPEN TO STRUCTURE ABOVE - NO CEILING REQUIRED
- 5 PAINT BULKHEAD P5.
- 6 GYM EQUIPMENT, REFER TO EQUIPMENT DRAWINGS.
- 7 4"x4" STAINLESS STEEL CLOSURE TRIM BETWEEN FACE OF COOLER AND CEILING GRID - REFER TO KITCHEN EQUIPMENT DRAWINGS
- 8 EXISTING PLASTER SOFFIT TO REMAIN. REMOVE LOOSE OR WATER DAMAGED PLASTER AND PATCH CRACKS AND/OR HOLES WITH BASE COAT. APPLY GYPSUM BOARD OVER ENTIRE PLASTER SURFACE. ESTIMATE 75 SQUARE FEET OF 6" WIDE CRACKED OR LOOSE SURFACE THAT WILL NEED TO BE REMOVED AND REPLACED.)
- 9 --
- 10 GYPSUM BOARD BULKHEAD REFRAMING OF EXISTING BULKHEAD.
- 11 GYPSUM BOARD BULKHEAD CAP OF EXISTING BULKHEAD AFTER REMOVAL OF EXISTING BULKHEAD EXTENSION.

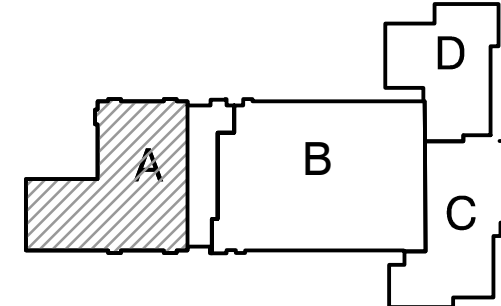


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PROJECT

**TIMOTHY BALL
ES ADDITION
AND
RENOVATIONS**

CROWN POINT COMMUNITY
SCHOOL CORPORATION
CROWN POINT, 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

21-112

DATE

02/07/22

COORDINATED BY

TA

DRAWN BY

MMM

CHECKED BY

JPB

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AD-3	03/03/22	ADDENDUM NO. 3

DRAWING

UNIT "A" SECOND FLOOR
REFLECTED CEILING PLAN

PROJECT

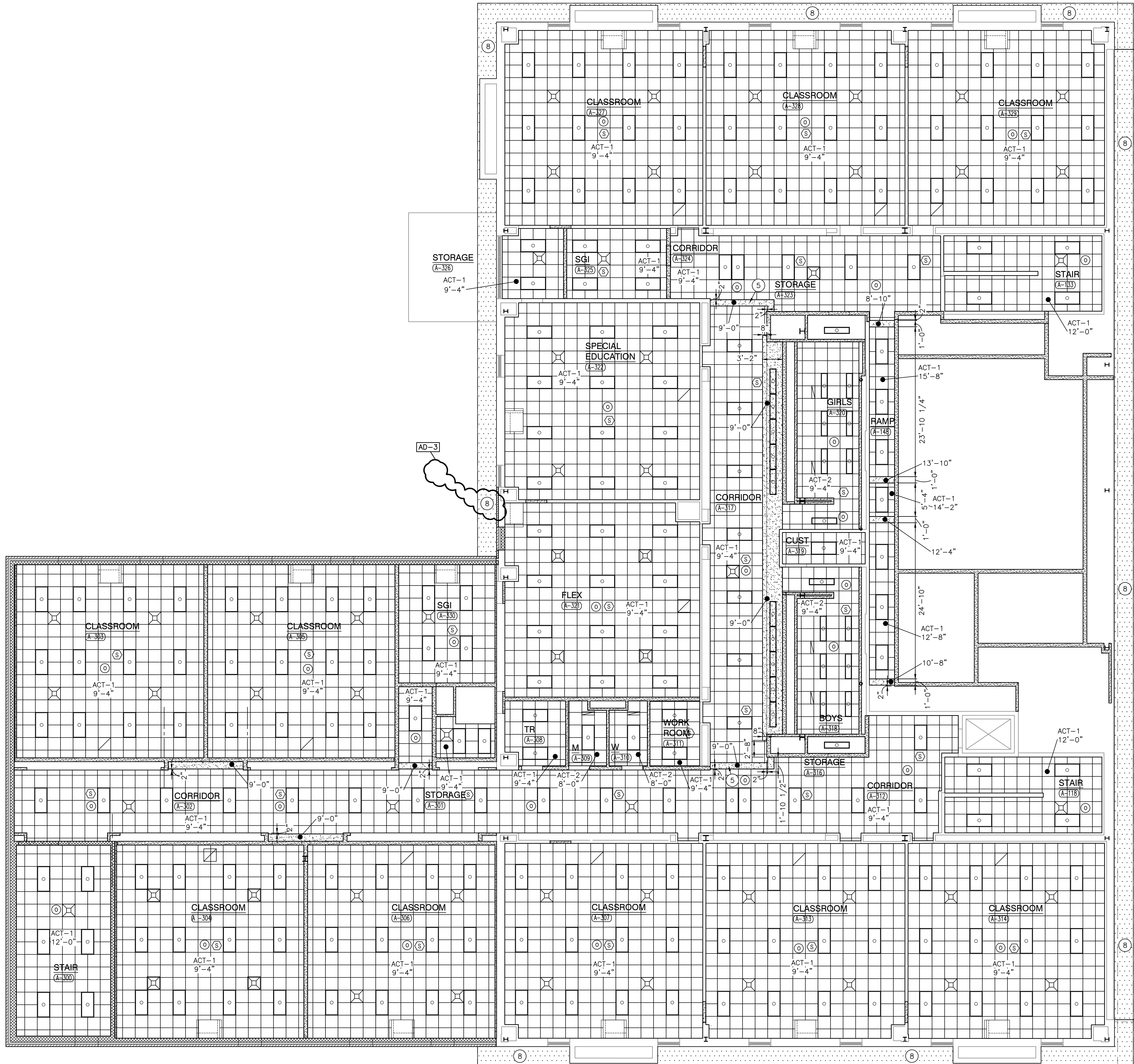
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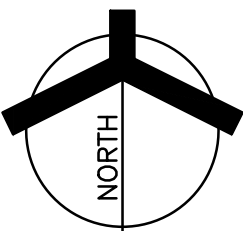
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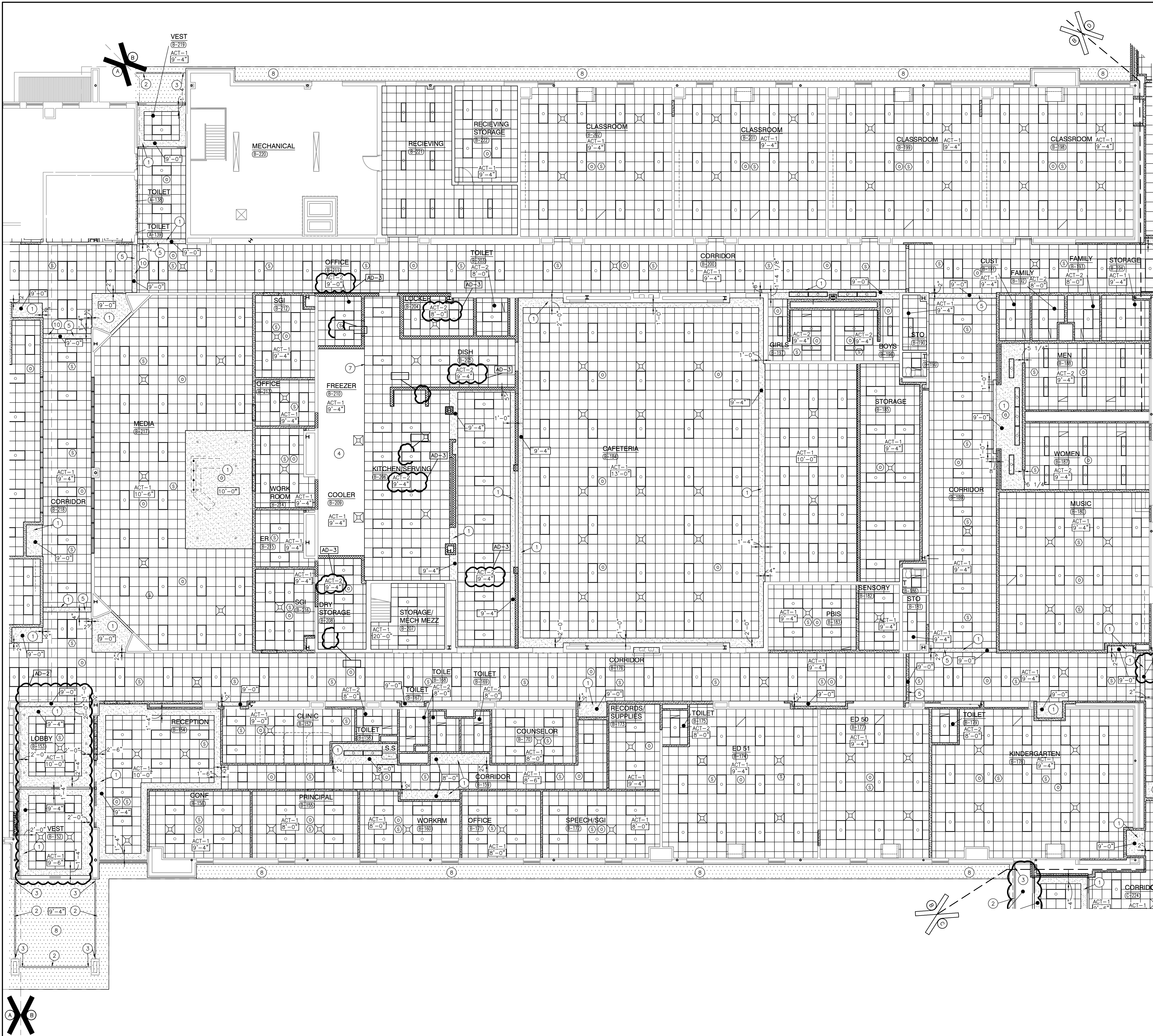


UNIT "A" SECOND FLOOR REFLECTED CEILING PLAN

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



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GENERAL REFLECTED CEILING PLAN NOTES:

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- C. BULKHEAD FRAMING SHALL BE ATTACHED TO STRUCTURAL SUPPORTS AND NOT THE ROOF DECK.
- D. REFER TO FLOOR PLANS FOR WALL TYPES
- E. REFER TO ELECTRICAL DRAWINGS FOR ADDITIONAL CEILING MOUNTED ELECTRICAL ITEMS.
- F. REFER TO TECHNOLOGY DRAWINGS FOR ADDITIONAL CEILING MOUNTED TECHNOLOGY ITEMS.
- G. REFER TO MECHANICAL DRAWINGS FOR LOCATION OF CEILING DIFFUSERS, RETURN AIR GRILLS, AND CEILING CABINET HEATERS.
- H. PROVIDE RADIUS PERIMETER ANGLE TRIM CORNERS AT BULLNOSE CONCRETE MASONRY UNIT CORNERS.
- I. PAINT BULKHEADS P2, UNLESS NOTED OTHERWISE.

REFLECTED CEILING PLAN LEGEND:

- | | | | |
|--|---|--|--|
| | GYPSUM BOARD BULKHEAD/CEILING | | LED LIGHT |
| | EFS SOFFIT | | 1x4 LIGHT FIXTURE |
| | 2'-0" x 2'-0" ACST. 80° CEILING SEE FINISH LEGEND | | 2x4 LIGHT FIXTURE |
| | | | PENDANT LIGHT FIXTURE |
| | | | SPEAKER |
| | | | OCCUPANCY SENSOR |
| | | | SUPPLY AIR DIFFUSER |
| | | | RETURN, EXHAUST, AND TRANSFER AIR GRILLE |

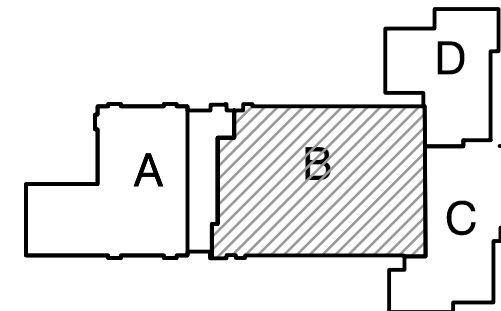
REFLECTED CEILING PLAN NOTES:

- (ALL PLAN NOTES MAY NOT BE INDICATED ON THIS SHEET.)
- GYPSUM BOARD BULKHEAD.
 - 2" W. SOFFIT VENT. LENGTH AS INDICATED.
 - SOFFIT "V" JOINT
 - OPEN TO STRUCTURE ABOVE - NO CEILING REQUIRED
 - PAINT BULKHEAD P5.
 - GYM EQUIPMENT, REFER TO EQUIPMENT DRAWINGS.
 - 4"x4" STAINLESS STEEL CLOSURE TRIM BETWEEN FACE OF COOLER AND CEILING GRID - REFER TO KITCHEN EQUIPMENT DRAWINGS
 - EXISTING PLASTER SOFFIT TO REMAIN. REMOVE LOOSE OR WATER DAMAGED PLASTER AND PATCH CRACKS AND/OR HOLES WITH BASE COAT. APPLY GYPSUM BOARD OVER ENTIRE PLASTER SOFFIT SURFACE. (ESTIMATE 75 SQUARE FEET OF 6" WIDE CRACKED OR LOOSE SURFACE THAT WILL NEED TO BE REMOVED AND REPLACED.)
 -
 - GYPSUM BOARD BULKHEAD REFRAMING OF EXISTING BULKHEAD.
 - GYPSUM BOARD BULKHEAD CAP OF EXISTING BULKHEAD AFTER REMOVAL OF EXISTING BULKHEAD EXTENSION.



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PROJECT
TIMOTHY BALL ES ADDITION AND RENOVATIONS
CROWN POINT COMMUNITY SCHOOL CORPORATION
CROWN POINT, INDIANA



KEY PLAN

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

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AD-2	02/24/22	ADDENDUM NO. 2	
AD-3	03/03/22	ADDENDUM NO. 3	

DRAWING
UNIT "B" FIRST FLOOR REFLECTED CEILING PLAN

PROJECT
TIMOTHY BALL ES ADDITIONS AND RENOVATIONS

GIBRALTAR DESIGN	SHEET
B	A-903

GENERAL REFLECTED CEILING PLAN NOTES:

- A. FOR GENERAL PROJECT NOTES, MATERIAL INDICATIONS LEGEND, SYMBOL LEGEND, ABBREVIATIONS, ETC., REFER TO G1 SERIES SHEETS.
- B. THE ARCHITECTURAL REFLECTED CEILING PLAN GOVERN THE LAYOUT OF ALL CEILING ELEMENTS AND PENETRATIONS.
- C. BULKHEAD FRAMING SHALL BE ATTACHED TO STRUCTURAL SUPPORTS AND NOT THE ROOF DECK.
- D. REFER TO FLOOR PLANS FOR WALL TYPES
- E. REFER TO ELECTRICAL DRAWINGS FOR ADDITIONAL CEILING MOUNTED ELECTRICAL ITEMS.
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- G. REFER TO MECHANICAL DRAWINGS FOR LOCATION OF CEILING DIFFUSERS, RETURN AIR GRILLS, AND CEILING CABINET HEATERS.
- H. PROVIDE RADIUS PERIMETER ANGLE TRIM CORNERS AT BULLNOSE CONCRETE MASONRY UNIT CORNERS.
- I. PAINT BULKHEADS P2, UNLESS NOTED OTHERWISE.

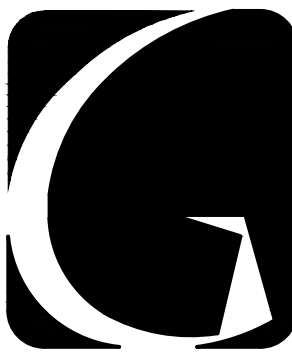
REFLECTED CEILING PLAN LEGEND:

- GYPSUM BOARD BULKHEAD/CEILING
- LED LIGHT
- 1x4 LIGHT FIXTURE
- 2x4 LIGHT FIXTURE
- PENDANT LIGHT FIXTURE
- SPEAKER
- OCCUPANCY SENSOR
- SUPPLY AIR DIFFUSER
- RETURN, EXHAUST, AND TRANSFER AIR GRILLE
- EFS SOFFIT
- 2'-0" x 2'-0" ACST, 80° CEILING
- SEE FINISH LEGEND

REFLECTED CEILING PLAN NOTES:

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

- 1 GYPSUM BOARD BULKHEAD.
- 2 2" W. SOFFIT VENT. LENGTH AS INDICATED.
- 3 SOFFIT "V" JOINT
- 4 OPEN TO STRUCTURE ABOVE - NO CEILING REQUIRED
- 5 PAINT BULKHEAD P5.
- 6 GYM EQUIPMENT, REFER TO EQUIPMENT DRAWINGS.
- 7 4"x4" STAINLESS STEEL CLOSURE TRIM BETWEEN FACE OF COOLER AND CEILING GRID - REFER TO KITCHEN EQUIPMENT DRAWINGS
- 8 EXISTING PLASTER SOFFIT TO REMAIN. REMOVE LOOSE OR WATER DAMAGED PLASTER AND PATCH CRACKS AND/OR HOLES WITH BASE COAT. APPLY GYPSUM BOARD OVER ENTIRE PLASTER SOFFIT SURFACE. ESTIMATE 75 LINEAR FEET OF 6" WIDE CRACKED OR LOOSE SURFACE THAT WILL NEED TO BE REMOVED AND REPLACED.)
- 9 --
- 10 GYPSUM BOARD BULKHEAD REFRAMING OF EXISTING BULKHEAD.
- 11 GYPSUM BOARD BULKHEAD CAP OF EXISTING BULKHEAD AFTER REMOVAL OF EXISTING BULKHEAD EXTENSION.



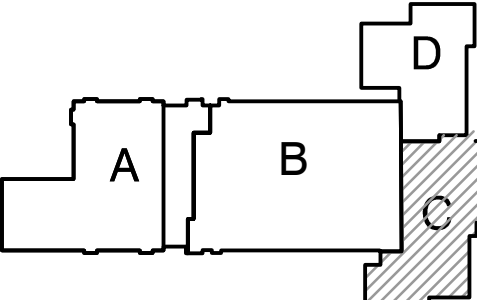
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PROJECT

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SCHOOL CORPORATION
CROWN POINT, INDIANA



KEY PLAN

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AD-2	02/24/22	ADDENDUM NO. 2
AD-3	03/03/22	ADDENDUM NO. 3

DRAWING

**UNIT "C" FIRST FLOOR
REFLECTED CEILING PLAN**

PROJECT

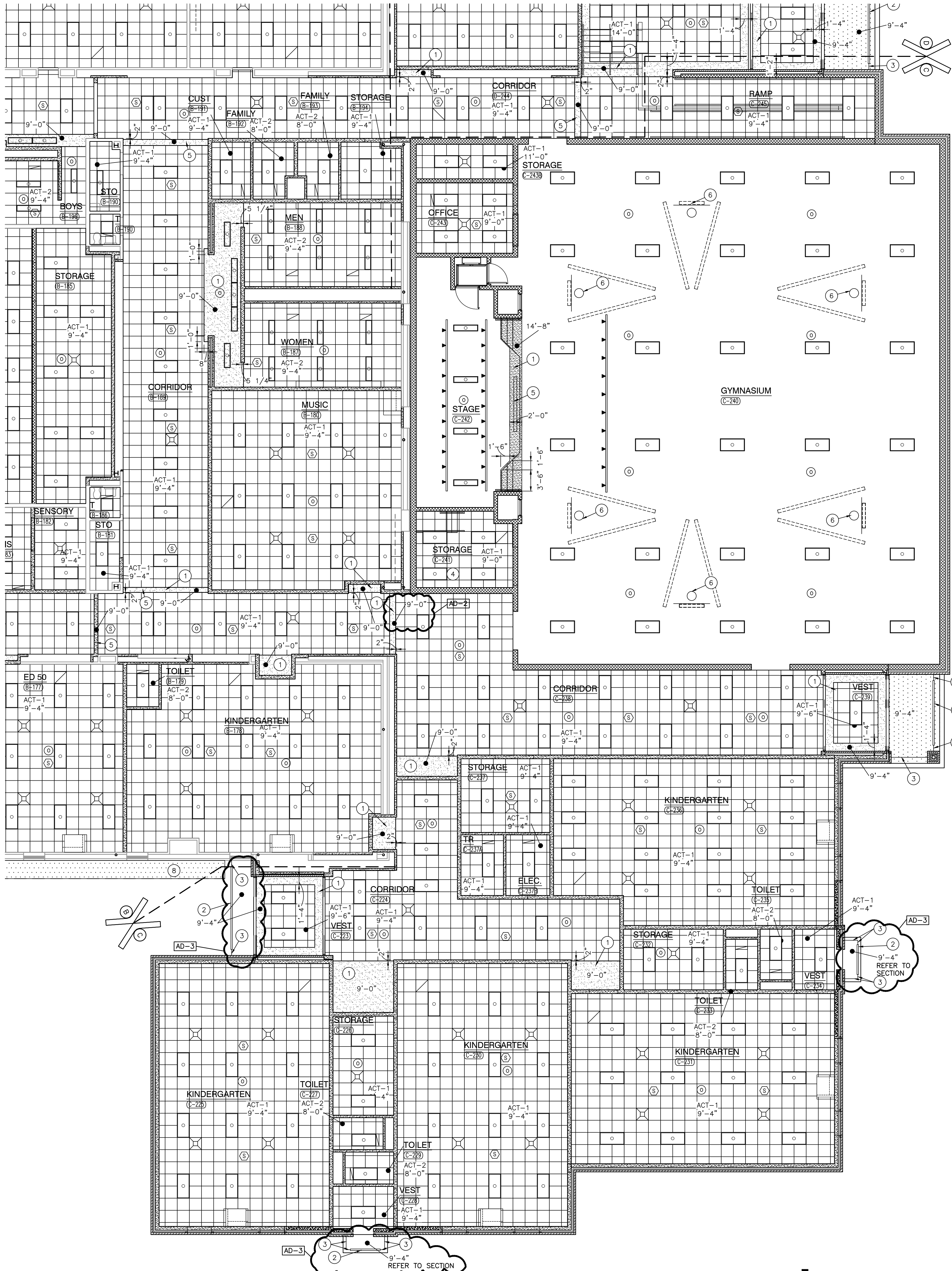
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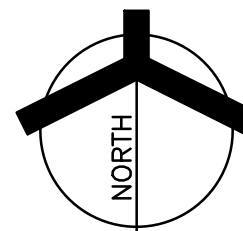
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UNIT "C" ARCHITECTURAL FIRST FLOOR PLAN

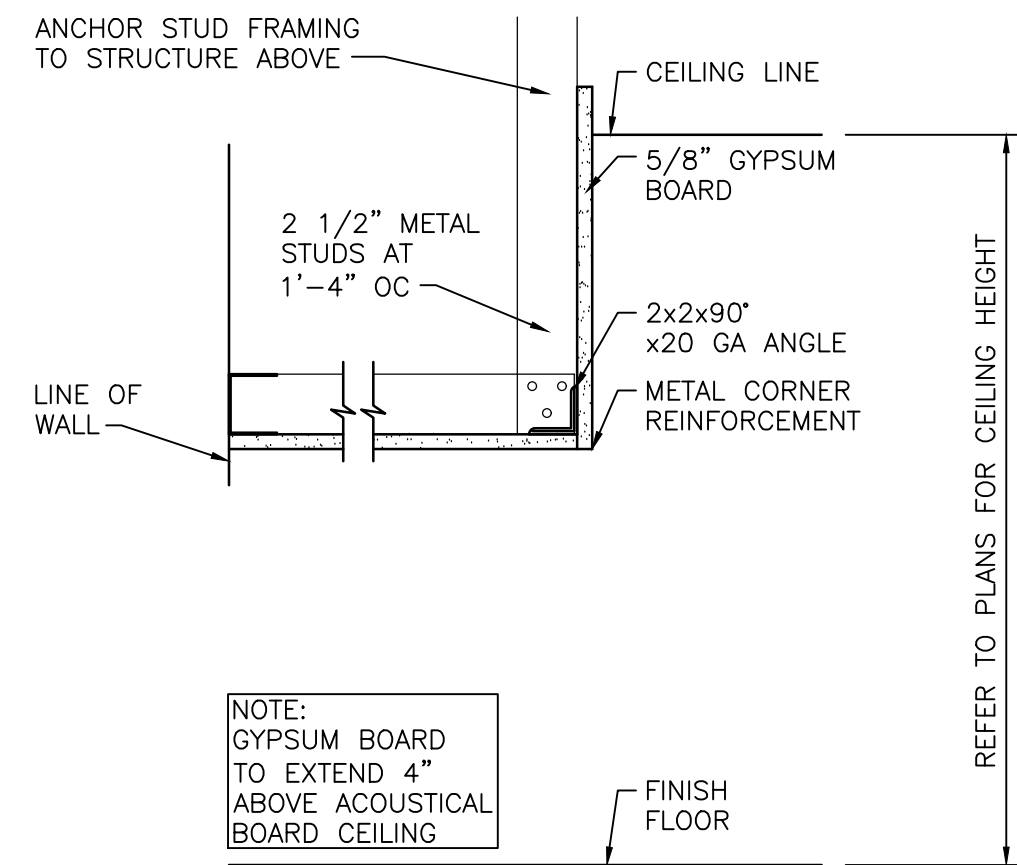
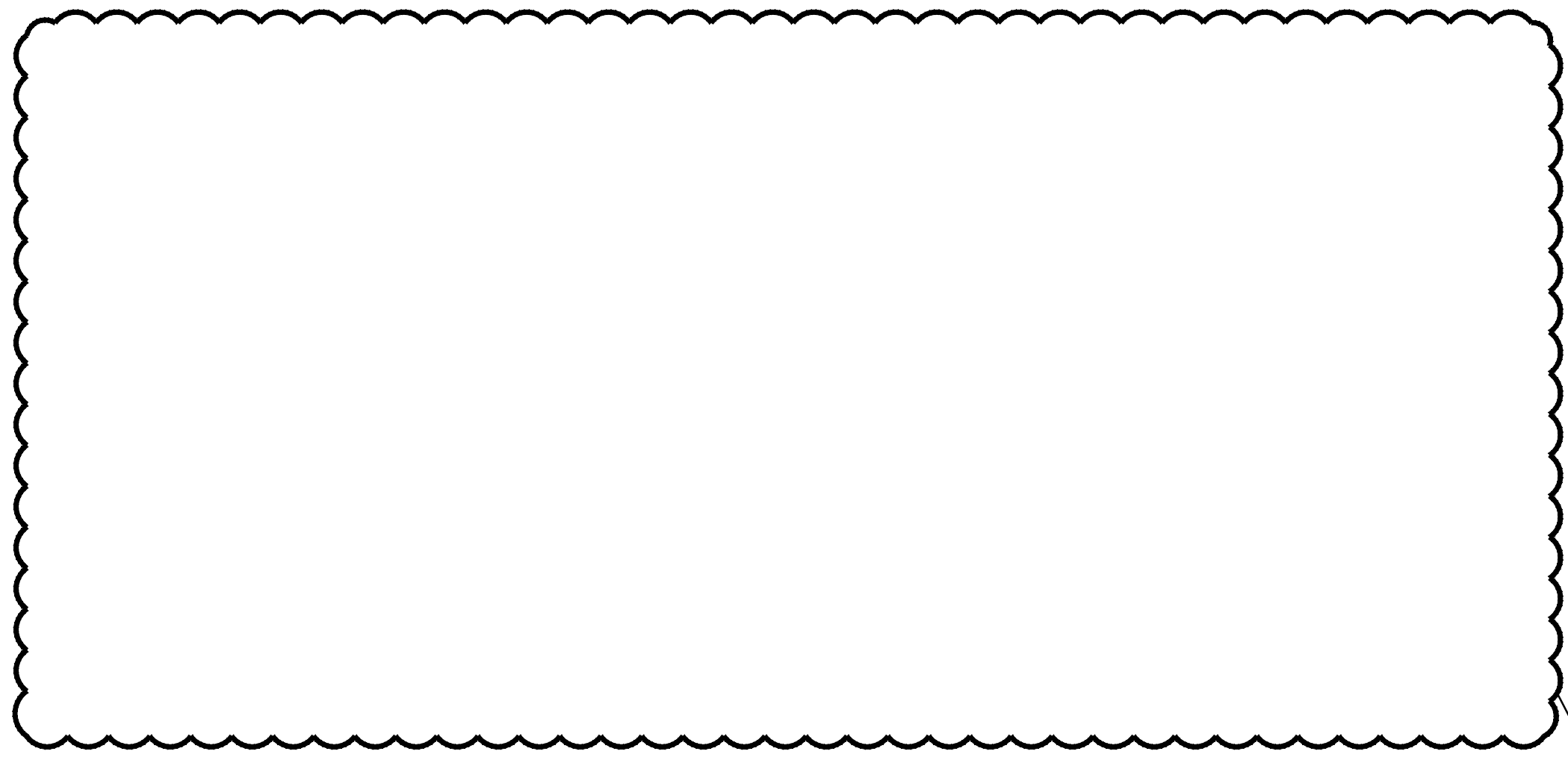
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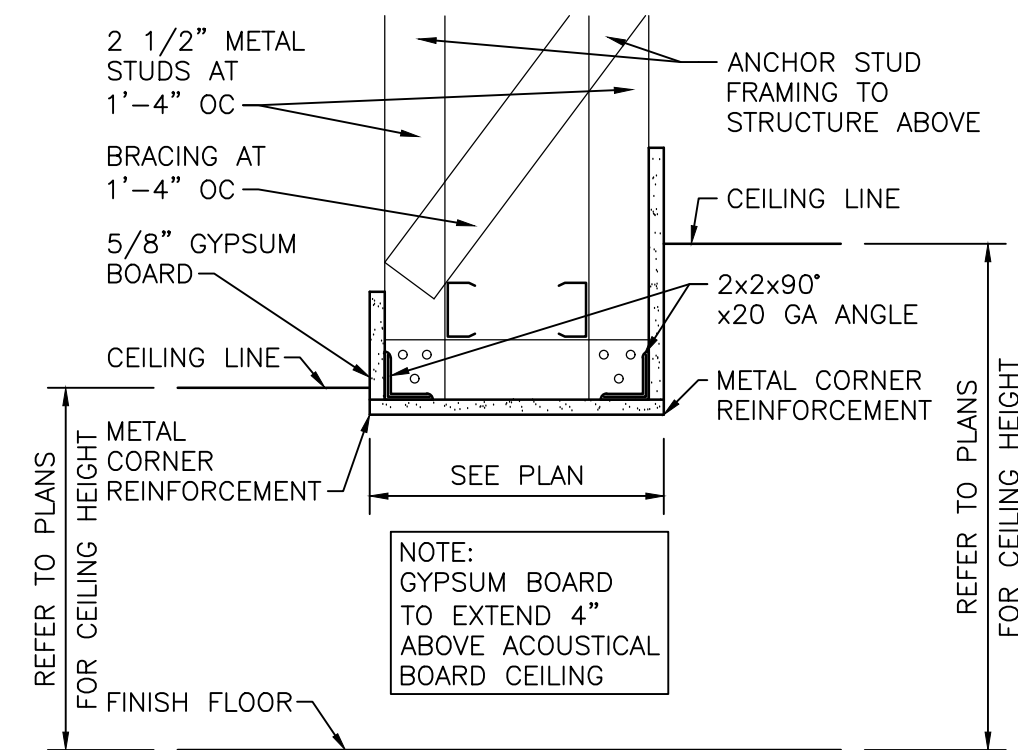
REFLECTED CEILING PLAN NOTES
ADDED IN ADDENDUM 2

AD-2

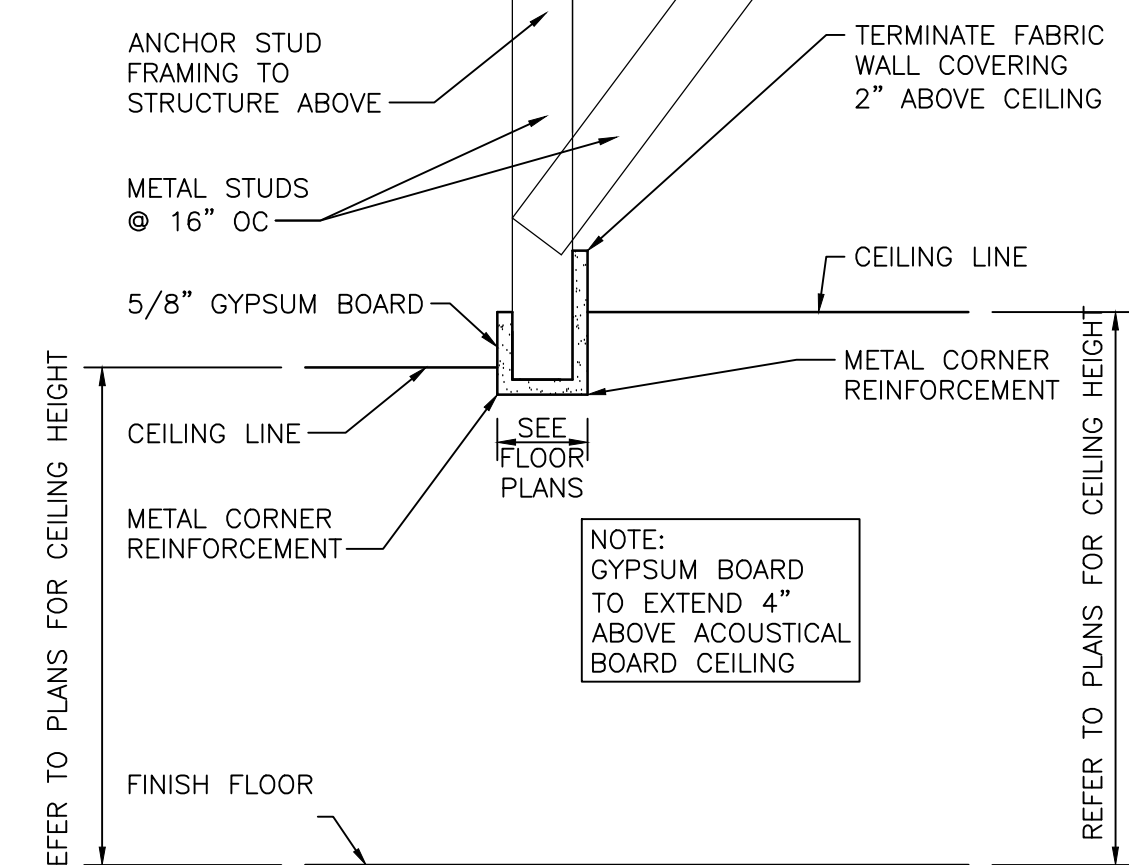
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DETAIL "C"



DETAIL "B"



DETAIL "A"

BULKHEAD DETAILS
SCALE: 1/2"=1'-0"

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- REFER TO MECHANICAL DRAWINGS FOR LOCATION OF CEILING DIFFUSERS, RETURN AIR GRILLS, AND CEILING CABINET HEATERS.
- PROVIDE RADIUS PERIMETER ANGLE TRIM CORNERS AT BULLNOSE CONCRETE MASONRY UNIT CORNERS.
- PAINT BULKHEADS P2, UNLESS NOTED OTHERWISE.

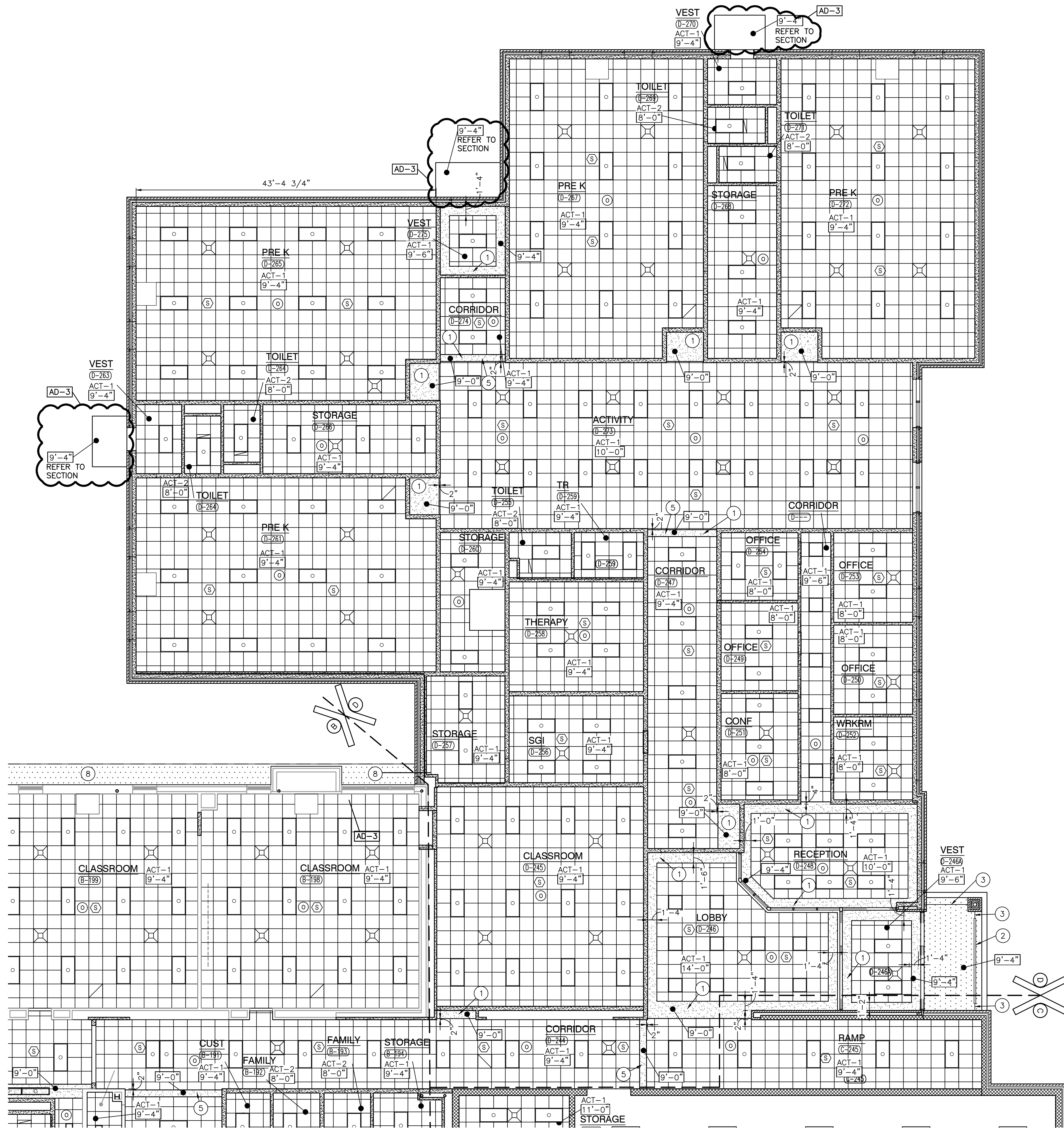
REFLECTED CEILING PLAN LEGEND:

- | | | | |
|--|---------------------------------|--|--|
| | GYPSUM BOARD BULKHEAD/CEILING | | LED LIGHT |
| | EFS SOFFIT | | 1x4 LIGHT FIXTURE |
| | 2'-0" x 2'-0" ACST. 80% CEILING | | 2x4 LIGHT FIXTURE |
| | SEE FINISH LEGEND | | PENDANT LIGHT FIXTURE |
| | | | SPEAKER |
| | | | OCCUPANCY SENSOR |
| | | | SUPPLY AIR DIFFUSER |
| | | | RETURN, EXHAUST, AND TRANSFER AIR GRILLE |

REFLECTED CEILING PLAN NOTES:

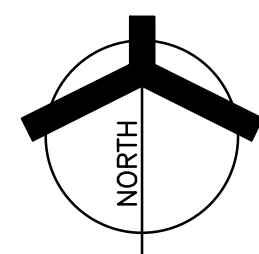
(ALL PLAN NOTES MAY NOT BE INDICATED ON THIS SHEET.)

- GYPSUM BOARD BULKHEAD.
- 2" W. SOFFIT VENT. LENGTH AS INDICATED.
- SOFFIT "V" JOINT
- OPEN TO STRUCTURE ABOVE - NO CEILING REQUIRED
- PAINT BULKHEAD P5.
- GYM EQUIPMENT, REFER TO EQUIPMENT DRAWINGS.
- 4"x4" STAINLESS STEEL CLOSURE TRIM BETWEEN FACE OF COOLER AND CEILING GRID - REFER TO KITCHEN EQUIPMENT DRAWINGS
- EXISTING PLASTER SOFFIT TO REMAIN. REMOVE LOOSE OR WATER DAMAGED PLASTER AND PATCH CRACKS AND/OR HOLES WITH BASE COAT. APPLY GYPSUM BOARD OVER PATCHING ON ENTIRE PLASTER SOFFIT SURFACE. ESTIMATE 75 SQUARE FEET OF 6" WIDE CRACKED OR LOOSE SURFACE THAT WILL NEED TO BE REMOVED AND REPLACED.)
-
- GYPSUM BOARD BULKHEAD REFRAMING OF EXISTING BULKHEAD.
- GYPSUM BOARD BULKHEAD CAP OF EXISTING BULKHEAD AFTER REMOVAL OF EXISTING BULKHEAD EXTENSION.



UNIT "D" FIRST FLOOR REFLECTED CEILING PLAN

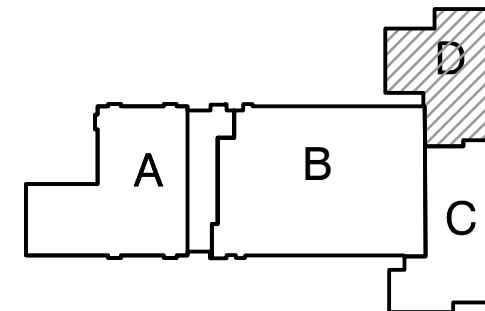
SCALE: 1/8" = 1'-0"



GIBRALTAR
DESIGN
ARCHITECTURE • ENGINEERING • INTERIOR DESIGN

PROJECT
TIMOTHY BALL ES ADDITION AND RENOVATIONS

CROWN POINT COMMUNITY SCHOOL CORPORATION
CROWN POINT, INDIANA

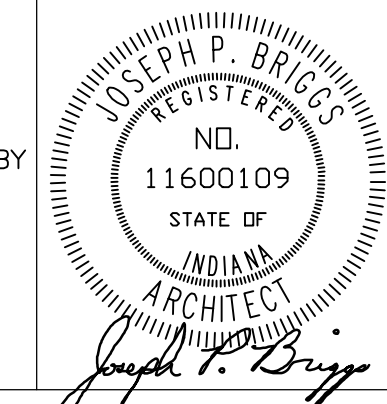


KEY PLAN

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PROJECT
21-112
DATE
02/07/22
COORDINATED BY
TA
DRAWN BY
MMM
CHECKED BY
JPB



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
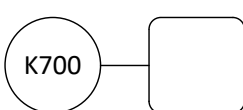
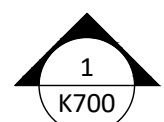
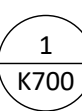
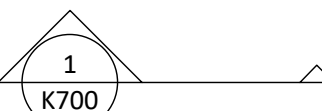




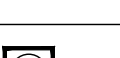
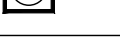
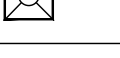





















REVISIONS		
MARK	DATE	ISSUED FOR
AD-2	02/24/22	ADDENDUM NO. 2
AD-3	03/03/22	ADDENDUM NO. 3

DRAWING
UNIT "D" FIRST FLOOR
REFLECTED CEILING PLAN

PROJECT
TIMOTHY BALL ES ADDITIONS AND RENOVATIONS

© GIBRALTAR DESIGN SHEET
D A-905

Wednesday, 3/2/2022 -- 4:45 PM -- LAST SAVED BY: JONATHAN NIKEL
G:\SHARED DRIVES\RDG PROJECT DATA\RDG PROJECT
FOLDER (2021)\2021-026 -- GIBALTAR-- TIMOTHY BALL
ELEMENTARY\3. DRAWINGS\A. CAD\07--2021--026--PLUMBING

GENERAL SYMBOL LEGEND		DRAWING SHEET INDEX		GENERAL DRAWING SET NOTES	
<div></div>	EQUIPMENT ITEM NUMBER	<div>SHEET</div>	<div>DRAWING NAME</div>	<div>1. THESE DRAWINGS HAVE BEEN PRODUCED USING A GENERAL ARRANGEMENT OF EQUIPMENT FROM ONLY THE INFORMATION THAT WAS MADE AVAILABLE. THESE DRAWINGS ARE INFORMATIONAL BY NATURE FOR BIDDING PURPOSES ONLY AND ARE NOT TO BE USED IN ANY WAY FOR CONSTRUCTION. REITANO DESIGN GROUP ASSUMES NO RESPONSIBILITY FOR THE ACCURACY OF MEASUREMENTS TAKEN FROM THESE DRAWINGS. FABRICATORS, CONTRACTORS AND OTHER PARTIES UTILIZING THESE PLANS, IN CONNECTION WITH THIS JOB, ARE RESPONSIBLE FOR SECURING THEIR OWN MEASUREMENTS.</div> <div>2. THE KITCHEN EQUIPMENT CONTRACTOR IS RESPONSIBLE TO REVIEW THE PLANS FOR ACCURACY AND VERIFY ALL DIMENSIONS AND EXISTING CONDITIONS PRIOR TO THE FABRICATION OF ANY EQUIPMENT. VERIFY ALL EQUIPMENT CLEARANCES THRU BUILDING DOORS, HALLWAYS OR ENTRY POINTS AS NOT ALL EQUIPMENT WILL FIT THRU STANDARD OPENINGS. THE KITCHEN EQUIPMENT CONTRACTOR IS TO NOTIFY REITANO DESIGN GROUP OF ANY ERRORS, OMISSIONS, AMBIGUITIES, DISCREPANCIES OR IRREGULARITIES PRIOR TO START OF CONSTRUCTION.</div> <div>3. THESE DRAWINGS AND ACCOMPANYING SPECIFICATIONS MUST BE CONSIDERED A COMPLETE BODY OF WORK. ALL WORK IS TO BE COMPLETED IN A CRAFTSMAN LIKE MANNER AND CONFORM TO ALL APPLICABLE BUILDING AND SAFETY CODES. ANY WORK CALLED FOR IN THE DRAWINGS OR SPECIFICATIONS, INCLUDING ANY WORK THAT CAN REASONABLY BE CONSIDERED A PART OF INSTALLATION AND NECESSARY TO COMPLETE THE PROJECT, SHALL BE INCLUDED.</div> <div>4. ANY DISCREPANCIES BETWEEN THESE DRAWINGS, BUILDING AND LOCAL CODE REQUIREMENTS THAT MAY AFFECT INSTALLATION, FABRICATION AND/OR OVERALL WORK IN ANY WAY SHALL BE BROUGHT TO THE ATTENTION OF REITANO DESIGN GROUP. REITANO DESIGN GROUP ASSUMES NO RESPONSIBILITY FOR ANY CHANGES MADE NECESSARY BY THE LOCAL BUILDING CODES, ORDINANCES, STRUCTURAL CONDITIONS OR CHANGES MADE NECESSARY IN EQUIPMENT SHOWN ON THESE DRAWINGS.</div> <div>5. THESE DRAWINGS REFER TO WORK TO BE PERFORMED BY OTHER TRADES NOT INTENDED TO BE PART OF THE KITCHEN EQUIPMENT CONTRACTOR'S SCOPE OF WORK. THESE TRADES ARE REFERENCED USING THE GENERALLY ACCEPTED TITLES FOUND IN THE ABBREVIATION LEGEND. IT IS NOT THE INTENT OF THESE TITLES TO ASSIGN WORK, BUT RATHER TO CLARIFY COORDINATION BETWEEN THE KITCHEN EQUIPMENT CONTRACTOR AND OTHER TRADES. THE GENERAL CONTRACTOR IS RESPONSIBLE FOR ALL NOTES ON THESE DRAWINGS AND TRANSMITTING THE REQUIRED INFORMATION TO THE RESPECTIVE SUBCONTRACTORS.</div> <div>6. THE BASIS OF DESIGN FOR ALL DRAWINGS, SPECIFICATIONS, AND DETAIL REFERENCES IS THE FIRST MANUFACTURER AND MODEL LISTED. IF ANOTHER LISTED MANUFACTURER IS CHOSEN BY THE KITCHEN EQUIPMENT CONTRACTOR, IT IS THE RESPONSIBILITY OF THE KITCHEN EQUIPMENT CONTRACTOR TO PROVIDE A MODEL THAT IS EQUAL IN PRODUCTION CAPABILITIES, CAPACITY, AND PERFORMANCE TO THE FIRST MANUFACTURER AND MODEL LISTED. THE KITCHEN EQUIPMENT CONTRACTOR IS ALSO TO VERIFY, COORDINATE, AND ALLOW FOR PROPER INSTALLATION OF EQUIPMENT; TAKING INTO ACCOUNT POSSIBLE REVISIONS FOR UTILITY CONNECTIONS, LOADS, AND PHYSICAL SIZES. IN THE EVENT THERE ARE ANY UP CHARGES OR CHANGE ORDERS BY OTHER TRADES AS A RESULT OF THE KITCHEN EQUIPMENT CONTRACTOR SUBMITTING ANOTHER LISTED MANUFACTURER, THOSE CHARGES SHALL BE THE SOLE RESPONSIBILITY OF THE KITCHEN EQUIPMENT CONTRACTOR</div> <div>7. THE CONCEPTS, DESIGNS, PLANS, DETAILS, ETC. SHOWN ON THESE DRAWINGS ARE THE PROPERTY OF REITANO DESIGN GROUP, 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 REITANO DESIGN GROUP. THE OWNER MAY RETAIN COPIES FOR INFORMATION AND REFERENCE IN CONNECTION ONLY WITH THIS PROJECT.</div>	<div>K-100</div> <div>K-101</div> <div>K102</div> <div>K-200</div> <div>K-300</div> <div>K-301</div> <div>K-400</div> <div>K-500</div> <div>K-501</div> <div>K-502</div> <div>K-600</div> <div>K-601</div> <div>K-602</div> <div>K-603</div>
<div></div>	ENLARGED PLAN CALL OUT				
<div></div>	EQUIPMENT ELEVATION CALL OUT				
<div></div>	EQUIPMENT DETAIL CALL OUT				
<div></div>	EQUIPMENT SECTION CALL OUT				
<div></div>	SPOT LOCATION CALL OUT				
PLUMBING LEGEND					
<div></div>	SINGLE HOT WATER CONNECTION				
<div></div>	SINGLE COLD WATER CONNECTION				
<div></div>	DOUBLE HOT & COLD WATER CONNECTION				
<div></div>	DIRECT WASTE CONNECTION				
<div></div>	INDIRECT FLOOR DRAIN				
<div></div>	INDIRECT 12"x12" FLOOR SINK				
<div></div>	INDIRECT 12"x12" FLOOR SINK WITH HALF GRATE				
<div></div>	GAS CONNECTION				
<div></div>	STEAM SUPPLY CONNECTION				
<div></div>	STEAM RETURN CONNECTION				
<div></div>	COMPRESSED AIR CONNECTION				
<div></div>	REFER TO ELECTRICAL/PLUMBING SCHEDULES FOR MORE INFORMATION ON THIS EQUIPMENT				
ELECTRICAL LEGEND		ABBREVIATION LEGEND			
<div></div>	DEDICATED ELECTRICAL CONNECTION	AFF	ABOVE FINISHED FLOOR		
<div></div>	DEDICATED ELECTRICAL CONNECTION (DFA)	AGA	AMERICAN GAS ASSOCIATION		
<div></div>	DEDICATED ELECTRICAL CONNECTION (STUB)	AMPS	AMPERAGE		
<div></div>	DUPLEX CONVENIENCE OUTLET	ARCH	ARCHITECTURAL		
<div></div>	SPECIAL PURPOSE CONVENIENCE OUTLET	BLDG	BUILDING		
<div></div>	FIRE SUPPRESSION SYSTEM PULL STATION	BTU	BRITISH THERMAL UNIT		
<div></div>	JUNCTION BOX LOCATED ON EQUIPMENT	CLG	CEILING		
<div></div>	DISCONNECT SWITCH LOCATED ON EQUIPMENT	CMU	CONCRETE MASONRY UNIT		
<div></div>	DEFROST TIME CLOCK LOCATED ON EQUIPMENT	CONN	CONNECTION		
<div></div>	EQUIPMENT MOUNTED RECEPTACLE	CONST	CONSTRUCTION		
<div></div>	TELEPHONE/DATA CONNECTION	CW	COLD WATER		
<div></div>	REFER TO ELECTRICAL/PLUMBING SCHEDULES FOR MORE INFORMATION ON THIS EQUIPMENT	DCO	DUPLEX CONVENIENCE OUTLET		
NOTE CALLOUT LEGEND		DFA	DROP FROM ABOVE		
<div></div>	EQUIPMENT REQUIRING WATER FILTRATION	DIM	DIMENSION		
<div></div>	STAINLESS STEEL UTILITY CHASE	DWG	DRAWING		
<div></div>	FIRE SUPPRESSION SYSTEM CABINET	EC	ELECTRICAL CONTRACTOR		
<div></div>	WALK-IN COOLER/FREEZER COMPRESSOR	ED	ELECTRICAL DIVISION		
		ELEC	ELECTRIC, ELECTRICAL		
		EXIST	EXISTING		
		FLR DRN	FLOOR DRAIN		
		FLR SINK	FLOOR SINK		
		FLR TRGH	FLOOR TROUGH		
		GA	GAUGE		
		HP	HORSEPOWER		
		HVAC	HEATING, VENTILATION & AIR CONDITIONING		
		HW	HOT WATER		
		ID	INSIDE DIAMETER		
		KEC	KITCHEN EQUIPMENT CONTRACTOR		
		KW	KILOWATT		
		MAX	MAXIMUM		
		MBTU	1,000 BTU'S		
		MC	MECHANICAL CONTRACTOR		
		MD	MECHANICAL DIVISION		
		MECH	MECHANICAL		
		MFG	MANUFACTURER		
		MIN	MINIMUM		
		MISC	MISCELLANEOUS		
		NIC	NOT IN CONTRACT		
		NTS	NOT TO SCALE		
		OC	ON CENTER		
		OD	OUTSIDE DIAMETER		
		PC	PLUMBING CONTRACTOR		
		PD	PLUMBING DIVISION		
		PH	PHASE		
		PSI	POUNDS PER SQUARE INCH		
		R	RADIUS		
		ST STL	STAINLESS STEEL		
		SHT	SHEET		
		S/S	STAINLESS STEEL		
		STD	STANDARD		
		STUB	STUB UP FROM FLOOR		
		TYP	TYPICAL		
		V	VOLTAGE		
		VOLT	VOLTAGE		

PROJECT

TIMOTHY BALL ES ADDITION AND RENOVATIONS

CROWN POINT COMMUNITY SCHOOL CORPORATION
CROWN POINT, INDIANA

KEY PLAN

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PROJECT 21-112

DATE 02/07/22

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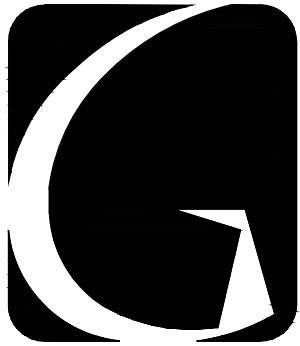
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	03/03/22	ADDENDUM #3



GIBALTAR
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PROJECT

TIMOTHY BALL ES ADDITION AND RENOVATIONS

CROWN POINT COMMUNITY
SCHOOL CORPORATION
CROWN POINT, INDIANA

KEY PLAN

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REVISIONS

MARK	DATE	ISSUED FOR
	03/03/22	ADDENDUM #3

DRAWING
FOODSERVICE EQUIPMENT
GENERAL NOTES &
SCHEDULES

PROJECT
TIMOTHY BALL ES ADDITIONS AND
RENOVATIONS

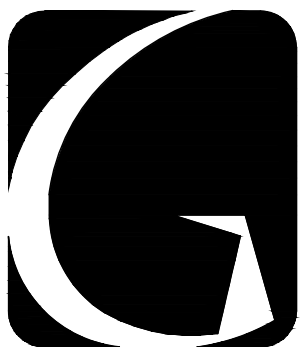
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SHEET

K-100

EQUIPMENT SCHEDULE

ITEM	QTY	ITEM DESCRIPTION	MANUFACTURER	MODEL
1	1	WALK-IN COOLER/FREEZER	KOLPAK	CUSTOM
2	1	WALK-IN COOLER COIL	PART OF ITEM #1	
3	1	WALK-IN COOLER COMPRESSOR	PART OF ITEM #1	
4	LOT	HI-DENSITY TOP TRACK COOLER SHELVING	INTERMETRO	METROMAX Q
5	1	COOLER DUNNAGE RACK	INTERMETRO	HP2248PDMB
6	1	COOLER MOBILE SHELVING UNIT	INTERMETRO	METROMAX Q
7	1	WALK-IN FREEZER COIL	PART OF ITEM #1	
8	1	WALK-IN FREEZER COMPRESSOR	PART OF ITEM #1	
9	6	FREEZER MOBILE SHELVING UNIT	INTERMETRO	METROMAX Q
10	3	FREEZER DUNNAGE RACK	INTERMETRO	HP22**PDMB
11	LOT	HI-DENSITY TOP TRACK DRY STORAGE SHELVING	INTERMETRO	METROMAX Q
12	2	DRY STORAGE DUNNAGE RACK	INTERMETRO	HP22**PDMB
13	2	DRY STORAGE MOBILE SHELVING UNIT	INTERMETRO	METROMAX Q
14	1	ISLAND WORKTABLE W/ 2 COMP SINK	CUSTOM	ST. STL.
15	4	WALL MOUNT HAND SINK	JOHN BOOS	PBHS-W-1410-1-SSLR
16	4	HAND SINK FAUCET	T&S BRASS	5EF-1D-WG
17	1	ISLAND WORKTABLE W/ PREP SINKS	CUSTOM	ST. STL.
18	2	SPLASH MOUNT FAUCET	T&S BRASS	MP2-8WLN-08-CR
19	1	GARBAGE DISPOSAL SYSTEM	INSINKERATOR	SS-200-7-AS101
20	*6	HEAVY-DUTY BUN PAN RACK	CHANNEL	401A
21	1	COUNTERTOP MIXER W/ STAND	HOBART CORPORATION	HL200-1STD
22	1	SUCER	HOBART	HS8-1
23	1	MOBILE WORKTABLE	CUSTOM	CUSTOM
24	1	ICE MAKER W/ BIN	MANITOWOC ICE	IYT0420A
25	1	WORKTABLE	CUSTOM	CUSTOM
26	1	MICROWAVE	PANASONIC	NE-1064F
27	2	KITCHEN MOBILE SHELVING UNIT	INTERMETRO	METROMAX Q
28	2	SINGLE DOOR PASS THRU HEATED CABINET	TRAULSEN	AHF132WP-FHG
29	2	SINGLE DOOR PASS THRU REFRIGERATOR	TRAULSEN	AHT132WPUT-FHG
30	1	EXHAUST HOOD	CUSTOM	CUSTOM
31	1	FIRE SUPPRESSION SYSTEM	PART OF ITEM #30	
32	1	FIRE SUPPRESSION SYSTEM PULL	PART OF ITEM #30	
33	1	COOKLINE EXHAUST FAN	PART OF ITEM #30	
34	1	COOKLINE MAKE UP AIR FAN	PART OF ITEM #30	
35	1	COMBI OVEN/STEAMER (STACKED)	RATIONAL	ICC 10-FULL/ICC 6-FULL
36	1	GALLON VENTILATER FILTER	RATIONAL	1900.1150U5
37	1	40 COMBI OVEN/STEAMER FILTER	CLEVELAND	SGL40T1
38	1	FLOOR TROUGH	CUSTOM	ST. STL.
39	1	FOUR BURNER RANGE WITH OVEN BASE	MONTAGUE	124-5
40	1	DOUBLE STACKED CONVECTION OVEN	SOUTHBEND	SLGB/225C
41		SPARE NUMBER		
42		SPARE NUMBER		
43		SPARE NUMBER		
44		SPARE NUMBER		
45	1	THREE COMPARTMENT SINK	CUSTOM	ST. STL.
46	1	WALL SHELF	CUSTOM	ST. STL.
47	2	SPLASH MOUNT FAUCET	T&S BRASS	B-0290
48	2	SPLASH MOUNT PRE-RISE FAUCET	T&S BRASS	B-0133-CR-B-SWV
49	1	GARBAGE DISPOSAL SYSTEM	INSINKERATOR	SS-200-7-AS101
50	1	SOILED DISH TABLE	CUSTOM	CUSTOM
51	1	DISH MACHINE W/BOOSTER HEATER	HOBART	CL44EN-BAS+BUILDUP
52	1	DISH MACHINE BLOWER DRYER	HOBART	BDELARB-HTSDOM
53	2	DISH MACHINE VENT COWL	PART OF ITEM #54	
54	1	DISH MACHINE EXHAUST FAN	CUSTOM	CUSTOM
55	1	CLEAN DISH TABLE	CUSTOM	CUSTOM
56	1	WALL SHELF	CUSTOM	CUSTOM
57	1	MOBILE DRYING RACK	INTERMETRO	PR36VX2-XDR
58	1	MOBILE DRYING RACK	INTERMETRO	PR36VX3-XDR
59	1	MOBILE DRYING RACK	INTERMETRO	PR48VX4-XDR
60	LOT	TRASH CONTAINERS	BY OWNER	NOT IN KEC CONTRACT
61		SPARE NUMBER		
62		SPARE NUMBER		
63	1	JANITORIAL MOP SINK	ADVANCE TABCO	9-OP-20
64	1	CHEMICAL SHELVING UNIT	INTERMETRO	SEC53C
65	1	WASHER/DRYER	BY OWNER	NOT IN KEC CONTRACT
66	1	STAINLESS STEEL WALL CABINET	ADVANCE TABCO	WCH-15-60
67	6	LOCKERS (FULL SIZE)	BY ARCHITECT	NOT IN KEC CONTRACT
68	1	MILK COOLER	TRUE	TMC-49-D5-HC
69	1	MOBILE HOT SERVING COUNTER	CUSTOM	ST. STL./MILLWORK
70	1	DROP-IN HOT/COLD WELL UNIT	LTI	DI-QSCHP-4
71	1	SELF-SERVE BREATH GUARD W/LIGHTS	VERSA GARD	VG7
72	1	MOBILE COLD SERVING COUNTER	CUSTOM	ST. STL./MILLWORK
73	1	DROP-IN COLD WELL UNIT	LTI	DI-2063TA
74	1	SELF-SERVE BREATH GUARD W/LIGHTS	VERSA GARD	VG7
75	1	MOBILE DRY GOODS SERVING COUNTER	CUSTOM	ST. STL./MILLWORK
76	1	ICE CREAM FREEZER	BEVERIDGE AIR	NC28HC-1-W
77	*6	MOBILE TRAY DISPENSERS	DELFIELD	TT-1014
78	1	MILK COOLER	TRUE	TMC-49-D5-HC
79	1	MOBILE HOT SERVING COUNTER	CUSTOM	ST. STL./MILLWORK
80	1	DROP-IN HOT/COLD WELL UNIT	LTI	DI-QSCHP-4
81	1	SELF-SERVE BREATH GUARD W/LIGHTS	VERSA GARD	VG7
82	1	MOBILE COLD SERVING COUNTER	CUSTOM	CUSTOM
83	1	DROP-IN COLD WELL UNIT	LTI	DI-2063TA
84	1	SELF-SERVE BREATH GUARD W/LIGHTS	VERSA GARD	VG7
85	1	MOBILE DRY GOODS SERVING COUNTER	CUSTOM	ST. STL./MILLWORK
86	2	MOBILE DOUBLE-SIDED CASHIER COUNTER	CUSTOM	ST. STL./MILLWORK
87	2	POINT OF SALE SYSTEM	BY OWNER	NOT IN KEC CONTRACT
88	4	SILVERWARE DISPENSER	VOLLRATH	52644
89	1	MOBILE COMNDIMENT COUNTER	CUSTOM	CUSTOM
90	1	DROP-IN ICED COLD WELL UNIT	HATCO	IWB-2
91	1	MOBILE COMNDIMENT COUNTER	CUSTOM	ST. STL./MILLWORK
92	1	DROP-IN ICED COLD WELL UNIT	HATCO	IWB-2
93	1*	MANUAL CAN OPENER	EDLUND	S-11
94	1*	ELECTRIC CAN OPENER	EDLUND	270/115V
95	1*	DIGITAL SCALE	EDLUND	WSC-10
96	4*	HEAVY-DUTY UTILITY CART	LAKESIDE	744
97				
98				
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106				
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PROJECT

**TIMOTHY BALL
ES ADDITION
AND
RENOVATIONS**

CROWN POINT COMMUNITY
SCHOOL CORPORATION
CROWN POINT, INDIANA

KEY PLAN

GIBRALTAR DESIGN
9102 N. Meridian St., Ste. 300
Indianapolis, IN 46260
Homepage www.GibraltarDesign.com
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PROJECT
21-112
DATE
02/07/22
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REVISIONS

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DRAWING

FOODSERVICE EQUIPMENT LAYOUT & SCHEDULE

PROJECT
TIMOTHY BALL ES ADDITIONS AND
RENOVATIONS

GIBRALTAR DESIGN

SHEET
K-101

TIMOTHY BALL ES ADDITION AND RENOVATIONS

CROWN POINT COMMUNITY
SCHOOL CORPORATION
CROWN POINT, INDIANA

KITCHEN EQUIPMENT CONTRACTOR:

1. PROVIDE 16 GAUGE STAINLESS STEEL CORNER GUARDS AS SHOWN ON PLAN OR AS NECESSARY IN FOOD PRODUCTION AREAS AND CORRIDORS, ON EVERY EXPOSED OUTSIDE CORNER OF CONSTRUCTION, WALK-IN CABINET AND VERTICAL/HORIZONTAL GAPS AND CREVICES. BREAK CORNER GUARDS 90° (+/-) FOR TIGHT FIT AND APPLY WITH MASTIC ADHESIVE. SEAL ALL CORNER GUARDS TO BUILDING WALLS WITH CLEAR SILICONE.

GENERAL DIVISION:

2. RECESS AND TRANSIT LEVEL ENTIRE WALK-IN COOLER/FREEZER AREA TO A DEPTH OF 8" TO RECEIVE WALK-IN COOLER/FREEZER INSULATED FLOOR PANELS. DEPRESSION TO BE CONSTRUCTED AS TO PROVIDE A LEVEL TRANSITION FROM FLOOR FINISH IN KITCHEN AREA TO THE FLOOR FINISH IN WALK-IN COOLER/FREEZER. (VERIFY REQUIRED DEPRESSION THICKNESS WITH WALK-IN MANUFACTURER'S SHOP DRAWING AND ARCHITECTURAL FLOOR FINISH SCHEDULE)
3. PROPERLY REINFORCE ALL WALLS AND/OR CEILINGS TO SUPPORT ALL WALL AND/OR CEILING SUPPORTED EQUIPMENT. ALL WALL BLOCKING TO BE MINIMUM 3/4" MARINE GRADE PLYWOOD OR 14 GAUGE GALVANIZED STEEL. WALL BLOCKING LENGTHS SHOWN ARE MINIMUM AND WALL BLOCKING SHALL ALWAYS EXTEND TO NEXT STUD OVER IN EACH DIRECTION.

ELECTRICAL DIVISION:

6. PROVIDE 2" DIAMETER RACEWAY FOR RUN OF COMPUTER GRADE CONDUIT FROM POINT OF SALE SYSTEMS IN SERVERY AREA TO COMPUTER LOCATED IN KITCHEN MANAGER'S OFFICE FOR COMMUNICATION PURPOSES.

KEY PLAN

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DRAWING
FOODSERVICE EQUIPMENT
SPECIAL CONDITIONS PLAN

PROJECT
TIMOTHY BALL ES ADDITIONS AND
RENOVATIONS

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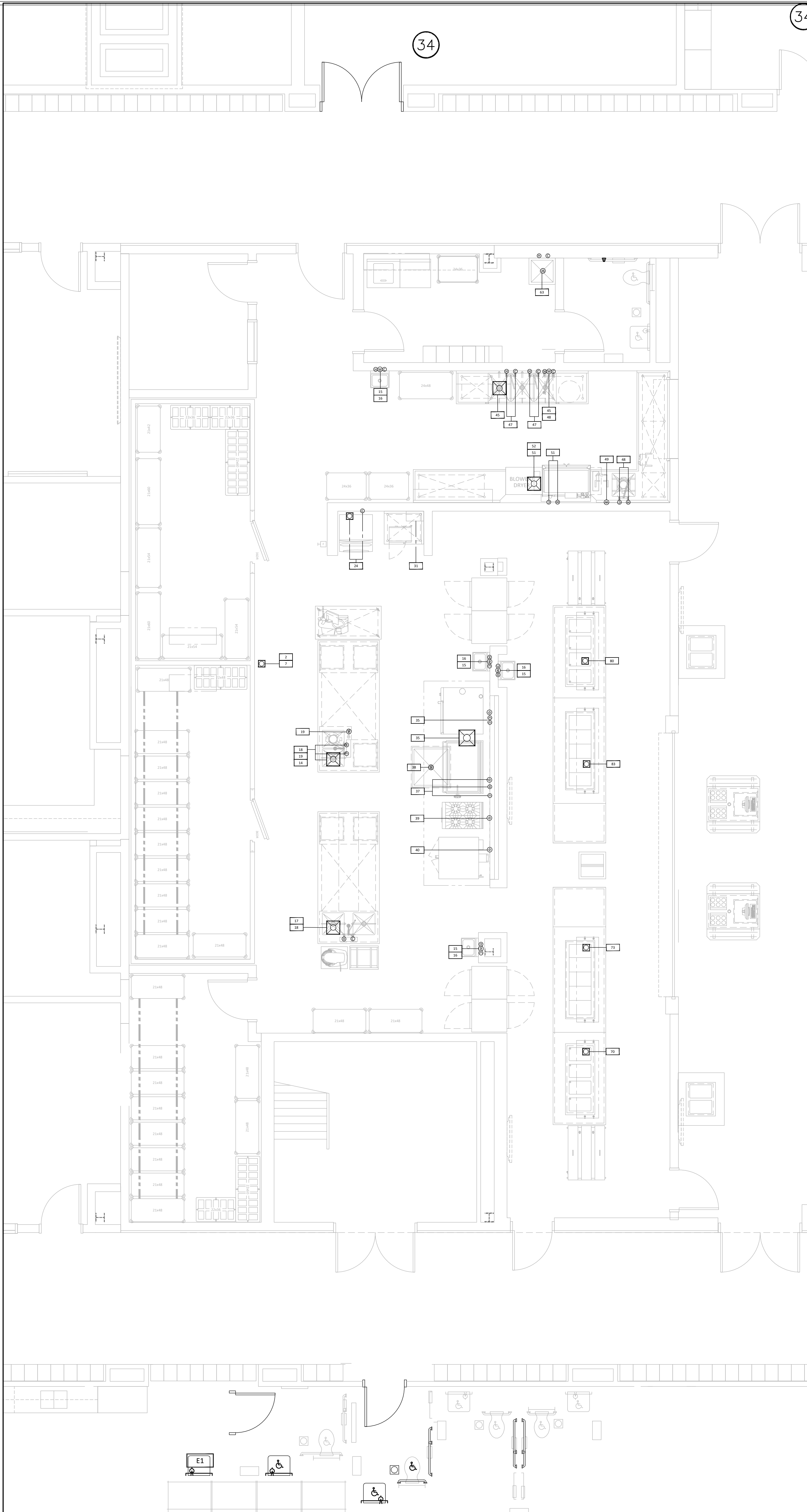
SHEET

K-102

Wednesday, 3/2/2022 -- 4:38 PM -- LAST SAVED BY: JONATHAN NIKEL
G:\SHARED DRIVES\RDG PROJECT DATA\RDG PROJECT
FOLDER (2021)\2021-026 - GIBALTAR- TIMOTHY BALL
ELEMENTARY\3. DRAWINGS\A. CAD\21-026-SPOT.DWG

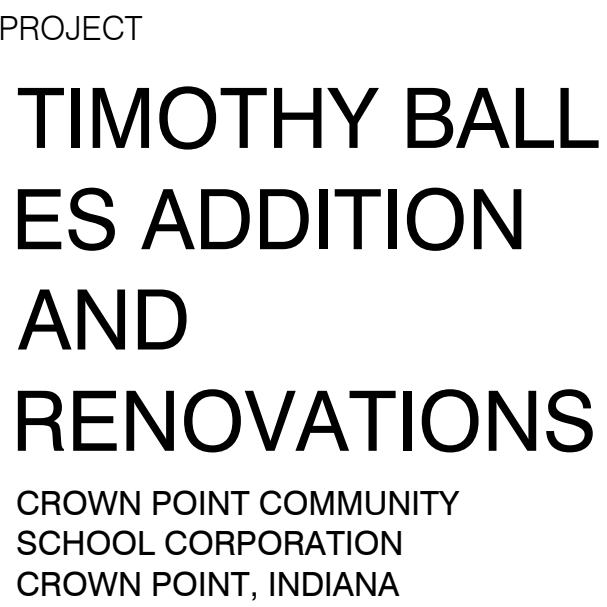
EQUIPMENT												MECHANICAL												ELECTRICAL											
ITEM NUMBER	QUANTITY	DESCRIPTION (NIKEC= NOT IN KITCHEN EQUIPMENT CONTRACT)	SOURCE	HOT	COLD	AFF	GAS			WASTE	AFF	REMARKS	VOLTAGE	KW	AMPS	HP	PHASE	CONN.	AFF	REMARKS															
							CONN. SIZE	M BTU	AFF																										
1	1	WALK-IN COOLER/FREEZER	KOLPAK CUSTOM										120		16.0		1	D	DFA	CIRCUIT REQUIRED AT EACH DOOR															
2	1	WALK-IN COOLER COIL	PART OF ITEM #1							FD	0	DRAIN TO FLOOR DRAIN	120		5.0		1	D	DFA																
3	1	WALK-IN COOLER COMPRESSOR	PART OF ITEM #1										208		10.9	1.50	3	D	ROOF																
4	LOT	HI-DENSITY TOP TRACK COOLER SHELVING UNIT	INTERMETRO METROMAX Q																																
5	3	COOLER DUNNAGE RACK	INTERMETRO HP2248PDMB																																
6	3	COOLER MOBILE SHELVING UNIT	INTERMETRO METROMAX Q																																
7	1	WALK-IN FREEZER COIL	PART OF ITEM #1							FD	0	DRAIN TO FLOOR DRAIN	208 120		9.0 15.0		1 1	D P	DFA 96	REFER TO COOLER/FREEZER DWG. K400 FOR DRAIN LINE HEAT TAPE. NEMA 5-15P															
8	1	WALK-IN FREEZER COMPRESSOR	PART OF ITEM #1										208		19.5	3.50	1	D	ROOF	REFER TO COOLER/FREEZER DWG. K400															
9	8	FREEZER MOBILE SHELVING UNIT	INTERMETRO METROMAX Q																																
10	3	FREEZER DUNNAGE RACK	INTERMETRO HP2260PDMB																																
11	LOT	HI-DENSITY TOP TRACK DRY STORAGE SHELVING UNIT	INTERMETRO METROMAX Q																																
12		SPARE NUMBER																																	
13	5	DRY STORAGE MOBILE SHELVING UNIT	INTERMETRO METROMAX Q																																
14	1	ISLAND WORKTABLE W/ 2 COMP PREP SINK	CUSTOM ST.STL.							2.00	FS	DRAIN TO FLOOR SINK	120		16.0		1	P	SU	FIXTURE MOUNTED DCO - 4 LOCATIONS															
15	4	WALL MOUNT HAND SINK	JOHN BOOS PBHS-W-1410-SSLR							1.50	18																								
16	4	HAND SINK FAUCET	T&S BRASS 5EF-1D-WG	0.50	0.50	18							120		6.00		1	P	16																
17	1	ISLAND WORKTABLE W/ PREP SINKS	CUSTOM ST.STL.							2.00	FS	DRAIN TO FLOOR SINK	120		16.0		1	P	SU	FIXTURE MOUNTED DCO - 4 LOCATIONS															
18	3	SPLASH MOUNT FAUCET	T&S BRASS B-0231-CR	0.50	0.50	DFA																													
19	1	GARBAGE DISPOSAL SYSTEM	IN-SINK-ERATOR SS-200-7/AS-101		0.50	DFA				2.00	SU	BRANCH CW FROM FAUCET ITEM #18 THRU SOLENOIDS & VACUUM BREAKER	208		3.20		3	D	SU	EXTEND SERVICE TO K.E.C. FURNISHED CONTROL PANEL.															
20	*6	HEAVY-DUTY BUN PAN RACK	CHANNEL 401A																																
21	1	COUNTERTOP MIXER W/ STAND	HOBART HL200-1STD										120		8.00		1	P	*	*PLUG INTO ISLAND WORKTABLE															
22	1	SLICER	HOBART HS8-1										120		5.40		1	P	*	*PLUG INTO ISLAND WORKTABLE															
23	1	MOBILE WORKTABLE	CUSTOM ST. STL.																																
24	1	ICE MAKER W/ BIN	MANITOWOC IYT0420A		0.50	60				0.75	FD	DRAIN TO FLOOR DRAIN	120		11.5		1	D	66																
25	1	WORKTABLE	CUSTOM ST. STL.																																
26	1	MICROWAVE	PANASONIC NE-1064F										120		13.4		1	P	24	NEMA 5-15P															
27	4	KITCHEN MOBILE SHELVING UNIT	INTERMETRO METROMAX Q																																
28	2	SINGLE DOOR REACH-IN HEATED CABINET	TRAULSEN AHF132W-FHS										208		7.80		1	P	78	NEMA L14-20P MOUNTED IN SOFFIT ABOVE															
29	2	SINGLE DOOR REACH-IN REFRIGERATOR	TRAULSEN AHT132WUT-FHS										120		7.00		1	P	78	NEMA 5-15P MOUNTED IN SOFFIT ABOVE															
30	1	EXHAUST HOOD	CUSTOM ST. STL.									SEE SHEET K500 FOR ADDITIONAL INFO								SEE SHEET K500 FOR ADDITIONAL INFO															
31	1	FIRE SUPPRESSION SYSTEM	PART OF ITEM #30									SEE SHEET K500 FOR ADDITIONAL INFO								SEE SHEET K500 FOR ADDITIONAL INFO															
32	1	FIRE PULL BOX	PART OF ITEM #30									SEE SHEET K500 FOR ADDITIONAL INFO								SEE SHEET K500 FOR ADDITIONAL INFO															
33	1	COOKLINE EXHAUST FAN	PART OF ITEM #30									SEE SHEET K500 FOR ADDITIONAL INFO								SEE SHEET K500 FOR ADDITIONAL INFO															
34	1	COOKLINE MAKE UP AIR FAN	PART OF ITEM #30									SEE SHEET K500 FOR ADDITIONAL INFO								SEE SHEET K500 FOR ADDITIONAL INFO															
35	1	COMBI OVEN/STEAMER DBL STACK	RATIONAL ICC 6-FULL/ICC 6-FULL		(2)0.75	36	0.75	107	48	2.00	FS	DIVIDE C.W. USING MANIFOLD AND EXTEND ONE LINE THRU KEC FURNISHED FILTER.	208 208		15.0 15.0		1 1	D D	48 24																
36	1	COMBI OVEN/STEAMER FILTER	PART OF ITEM #35			*	60					*INTERCONNECT CW CONNECTION WITH COMBI UNIT ITEM #35																							
37	1	40 GALLON TILT SKILLET	CLEVELAND SGL40T1	0.50	0.50	14	0.75	200	24	2.00	FT	DRAIN TO FLOOR TROUGH	120		10.0		1	P	16	NEMA 5-15P															
38	1	FLOOR TROUGH	CUSTOM ST. STL.							4.00	0	TRAP BELOW FLOOR FOR FLOOR TROUGH DRAIN FURNISHED BY KEC																							
39	1	FOUR BURNER RANGE WITH OVEN BASE	MONTAGUE 124-5				1.25	140	24																										
40	1	DOUBLE STACKED CONVECTION OVEN	SOUTHBEND SLGB/225C				0.75	144	24				120		7.90		1	P	16	NEMA 5-15P (1) REQUIRED PER OVEN															
41		SPARE NUMBER																																	
42		SPARE NUMBER																																	
43		SPARE NUMBER																																	
44		SPARE NUMBER																																	
45	1	THREE COMPARTMENT SINK	CUSTOM ST. STL.							2.00 2.00	FS 12	VERIFY WITH LOCAL CODE																							
46	1	WALL SHELF	CUSTOM ST. STL.																																
47	2	SPLASH MOUNT FAUCET	T&S BRASS B-0290	0.75	0.75	14																													
48	2	SPLASH MOUNT PRE-RINSE FAUCET	T&S BRASS B-0133-CR-B-SVV	0.50	0.50	14																													
49	1	GARBAGE DISPOSAL SYSTEM	IN-SINK-ERATOR SS-200-7/AS-101		0.50	14				2.00	6	BRANCH CW FROM FAUCET ITEM #24 THRU SOLENOIDS & VACUUM BREAKER	208		3.20		3	D	16	EXTEND SERVICE TO K.E.C. FURNISHED CONTROL PANEL.															
50	1	SOILED DISH TABLE W/ SCRAP SINK	CUSTOM ST. STL.																																
	DR1	DUPLEX CONVENIENCE RECEPTACLE											120		16.0		1	16																	
	DR2	DUPLEX CONVENIENCE RECEPTACLE											120		16.0		1	48		FURNISH HORIZONTAL RECEPTACLE WHEN MOUNTED ABOVE COUNTERTOP															

EQUIPMENT				MECHANICAL										ELECTRICAL									
ITEM NUMBER	QUANTITY	DESCRIPTION (NIKEC= NOT IN KITCHEN EQUIPMENT CONTRACT)	SOURCE	HOT	COLD	AFF	GAS			WASTE	AFF	REMARKS	VOLTAGE	KW	AMPS	HP	PHASE	CONN.	AFF	REMARKS			
							CONN. SIZE	M BTU	AFF														
51	1	DISH MACHINE W/BOOSTER HEATER	HOBART CL44EN-BAS	0.50	0.50	14				2.00	FS	120" MINIMUM HOT WATER REQ. W/ 70" RISE BOOSTER. DRAIN TO FLOOR SINK	480		68.0		3	D	60				
52	1	DISH MACHINE BLOWER DRYER	HOBART BDELRA8-HTSDOM							1.00	FS	DRAIN TO FLOOR SINK	480		15.7		3	D	60				
53	2	DISH MACHINE VENT COWL	PART OF ITEM #54																				
54	1	DISH MACHINE EXHAUST FAN	CUSTOM ST. STL.									SEE SHEET K500 FOR ADDITIONAL INFO								SEE SHEET K500 FOR ADDITIONAL INFO			
55	1	CLEAN DISH TABLE	CUSTOM ST. STL.																				
56	1	WALL SHELF	CUSTOM ST. STL.																				
57	1	MOBILE DRYING RACK	INTERMETRO PR36VX2-XDR																				
58	1	MOBILE DRYING RACK	INTERMETRO PR36VX3-XDR																				
59	1	MOBILE DRYING RACK	INTERMETRO PR36VX4-XDR																				
60	LOT	TRASH CONTAINERS	BY OWNER NIKEC																				
61		SPARE NUMBER																					
62		SPARE NUMBER																					
63	1	JANITORIAL MOP SINK	ADVANCE TABCO 9-OP-20	0.50	0.50	42				3.00	0												
64	1	CHEMICAL SHELVING UNIT	INTERMETRO SEC53C																				
65	1	WASHER & DRYER	BY OWNER NIKEC																				
66	1	STAINLESS STEEL WALL CABINET	ADVANCE TABCO WCH-15-60																				
67	6	LOCKERS (FULL SIZE)	BY ARCHITECT NIKEC																				
68	1	MILK COOLER	TRUE TMC-49-HC										120		2.70		1	P	SU	NEMA 5-15P PROVIDE FLUSH MOUNTED RECEPTACLE IN FLOOR			
69	1	MOBILE HOT SERVING COUNTER	CUSTOM ST. STL./ MILLWORK										120		16.0		1	P	SU	DCO			
70	1	DROP-IN HOT/COLD UNIT	LTI DI-QSCHP-4							0.75	FD	DRAIN TO FLOOR DRAIN	120/280		14.4		1	P	SU	NEMA 14-20P			
71	1	SELF-SERVE BREATH GUARD W/LIGHTS	VERSA-GARD VG7										120		6.00		1	D	SU				
72	1	MOBILE COLD SERVING COUNTER	CUSTOM ST. STL./ MILLWORK										120		16.0		1	P	SU	DCO			
73	1	DROP-IN COLD WELL UNIT	LTI DI-2063TA							0.75	FD	DRAIN TO FLOOR DRAIN	120		8.50		1	P	SU	NEMA 5-15P			
74	1	SELF-SERVE BREATH GUARD W/LIGHTS	VERSA-GARD VG7										120		6.00		1	D	SU				
75	1	DRY GOODS SERVING COUNTER	CUSTOM ST. STL./ MILLWORK										120		16.0		1	P	SU	DCO			
76	1	ICE CREAM FREEZER	BEVERAGE AIR NC28HC-1-W										120		2.00		1	P	SU	NEMA 5-15P PROVIDE FLUSH MOUNTED RECEPTACLE IN FLOOR			
77	6*	MOBILE TRAY DISPENSERS	DELFIELD TT-1014																				
78	1	MILK COOLER	TRUE TMC-49-HC										120		2.70		1	P	SU	NEMA 5-15P			
79	1	MOBILE HOT SERVING COUNTER	CUSTOM ST. STL./ MILLWORK										120		16.0		1	P	SU	DCO			
80	1	DROP-IN HOT/COLD UNIT	LTI DI-QSCHP-4							0.75	FD	DRAIN TO FLOOR DRAIN	120/280		14.4		1	P	SU	NEMA 14-20P			
81	1	SELF-SERVE BREATH GUARD W/LIGHTS	VERSA-GARD VG7										120		6.00		1	D	SU				
82	1	MOBILE COLD SERVING COUNTER	CUSTOM ST. STL./ MILLWORK										120		16.0		1	P	SU	DCO			
83	1	DROP-IN COLD WELL UNIT	LTI DI-2063TA							0.75	FD	DRAIN TO FLOOR DRAIN	120		8.50		1	P	SU	NEMA 5-15P			
84	1	SELF-SERVE BREATH GUARD W/LIGHTS	VERSA-GARD VG7										120		6.00		1	D	SU				
85	1	DRY GOODS SERVING COUNTER	CUSTOM ST. STL./ MILLWORK										120		16.0		1	P	SU	DCO			
86	2	MOBILE DOUBLE-SIDED CASHIER COUNTER	CUSTOM ST. STL./ MILLWORK																				
87	2	POINT OF SALE SYSTEM	BY OWNER NIKEC										120		16.0		1	P	SU	DCO. DATA LINE REQUIRED.			
88	4	SILVERWARE DISPENSER	VOLLRATH 52644																				
89	1	MOBILE CONDIMENT COUNTER	CUSTOM ST. STL./ MILLWORK																				
90	1	DROP-IN ICED COLD WELL UNIT	HATCO IWB-2																				
91	1	MOBILE CONDIMENT COUNTER	CUSTOM ST. STL./ MILLWORK																				
92	1	DROP-IN ICED COLD WELL UNIT	HATCO IWB-2																				
					</																		





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GIBRALTAR
DESIGN
ARCHITECTURE • ENGINEERING • INTERIOR DESIGN

PROJECT
**TIMOTHY BALL
ES ADDITION
AND
RENOVATIONS**
CROWN POINT COMMUNITY
SCHOOL CORPORATION
CROWN POINT, INDIANA

KEY PLAN

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REVISIONS

MARK	DATE	ISSUED FOR
	03/03/22	ADDENDUM #3

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Systems
Allied Technologies
Food Equipment, Inc.
926 SAYRE DRIVE
GREENWOOD, IN 46142
317.887.2020
www.alliedfoodequipment.com

TIMOTHY BALL, E.S.
CROWN POINT, IN

REITANO DESIGN GROUP

CHRIS OXFORD
Date 1.18.22
Revisions:
00.00.00
00.00.00
00.00.00
Project Number TBES11022

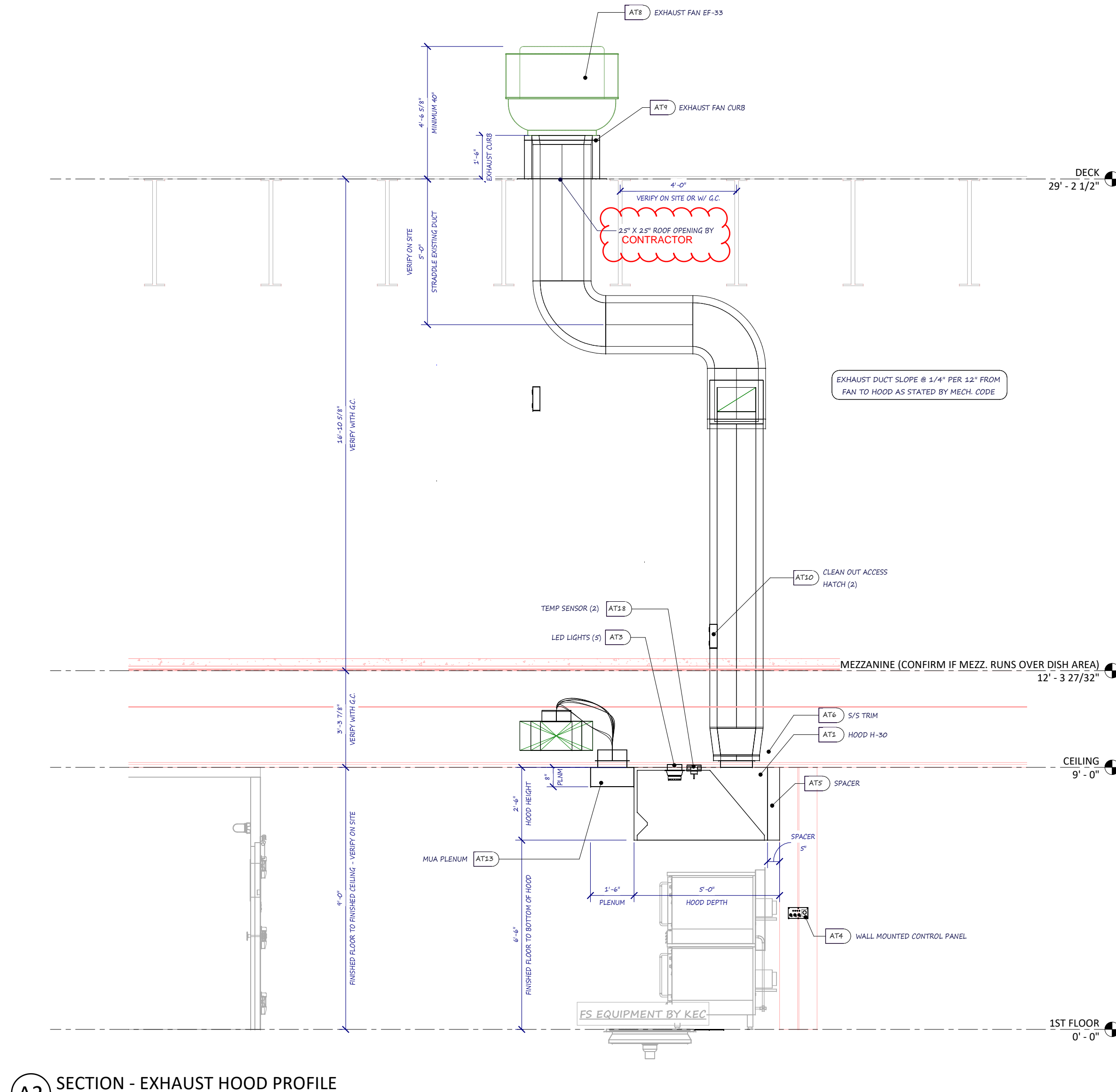
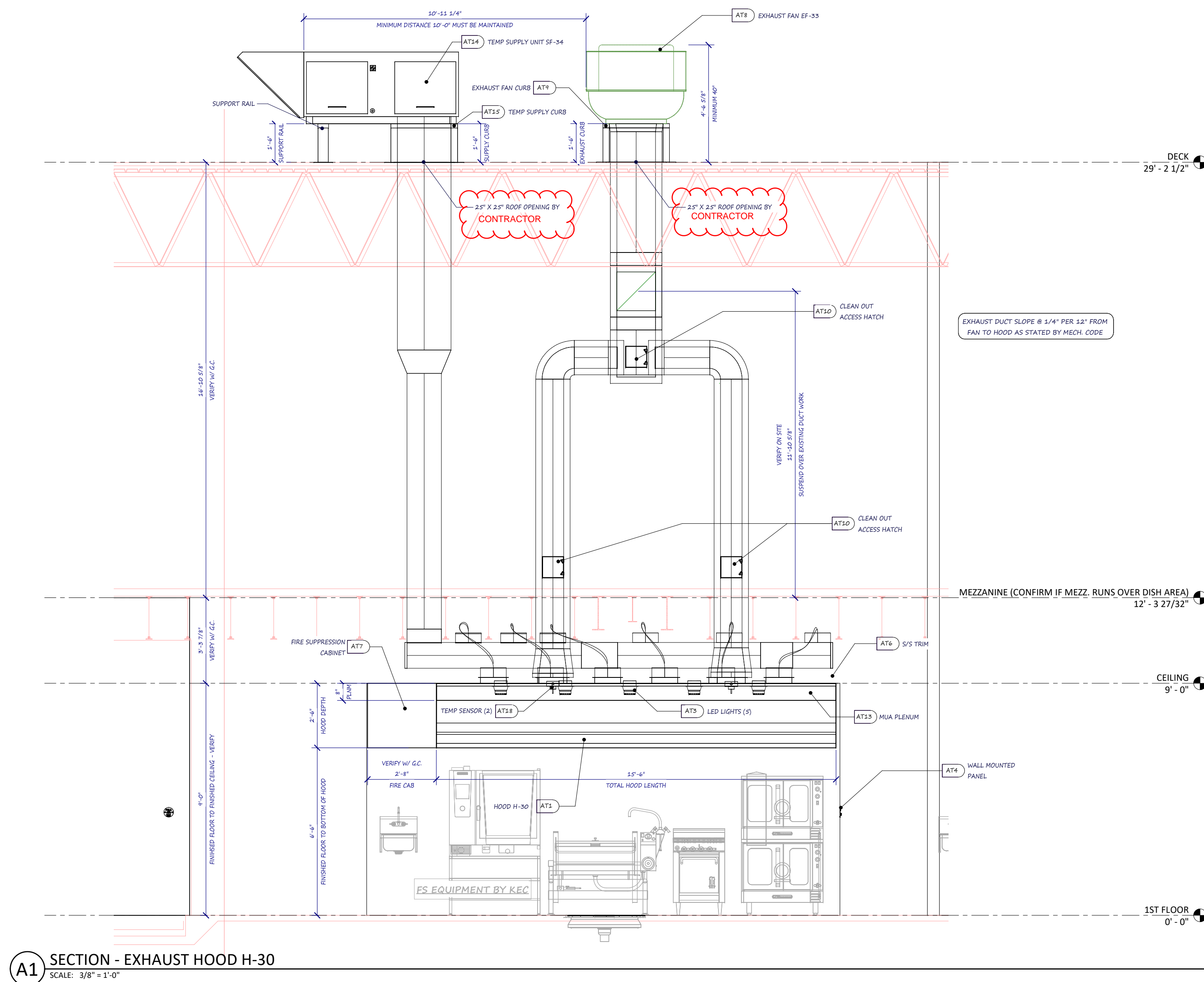
DRAWING
**EXHAUST VENTILATION
SYSTEM DRAWING, DETAILS
& SCHEDULE**

PROJECT
TIMOTHY BALL ES ADDITIONS AND
RENOVATIONS

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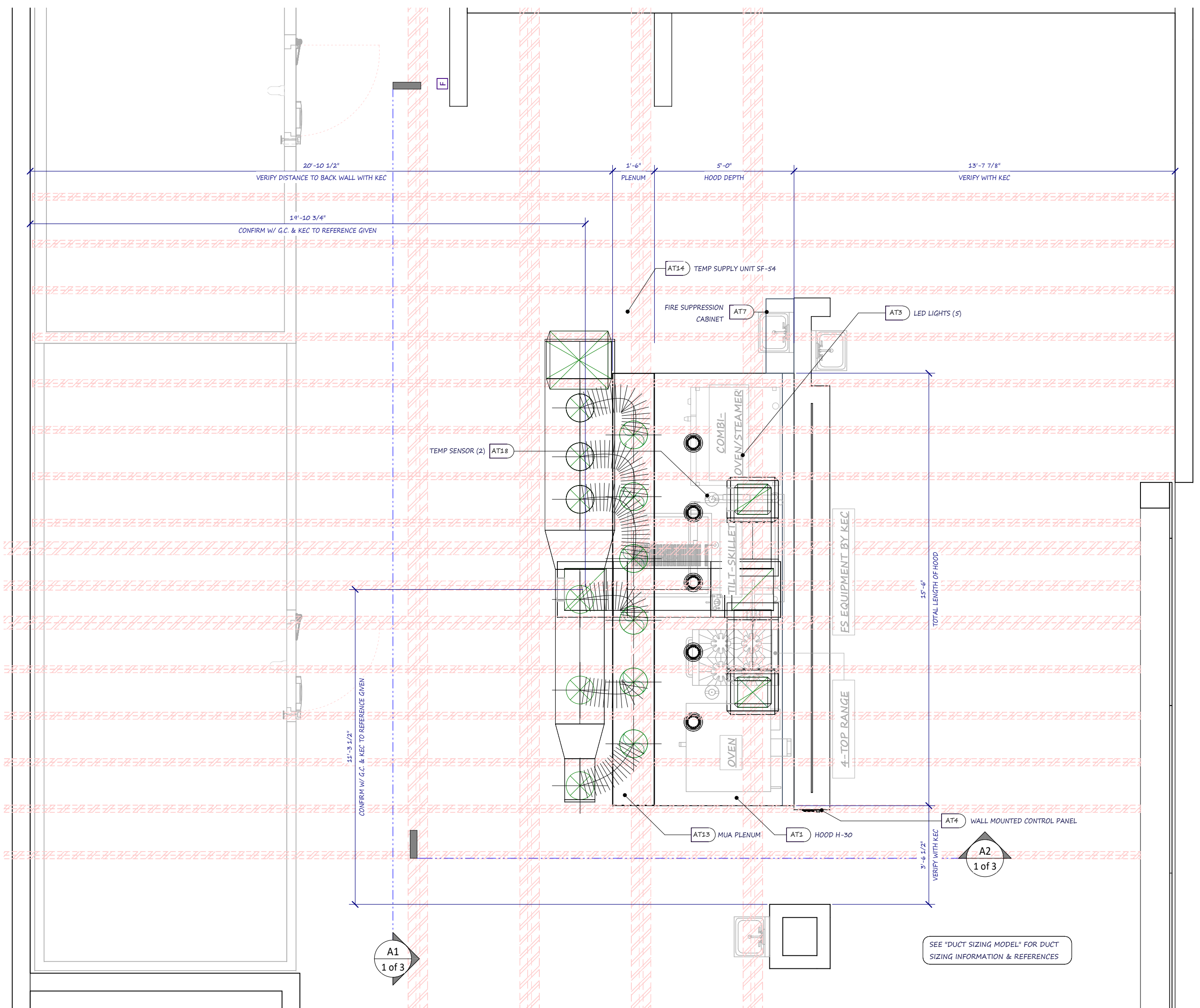
A2 SECTION - EXHAUST HOOD PROFILE
SCALE: 3/8" = 1'-0"



TIMOTHY BALL RENDER
SCALE: NOT TO SCALE

ALLIED AIR REFERENCE (ATI) HOOD SCHEDULE											
HOOD ITEM	HOOD SIZE	HOOD WEIGHT	EXHAUST CFM	EXHAUST COLLAR SIZE	EXHAUST DUCT VELOCITY	EXHAUST S.P.	SUPPLY CFM	SUPPLY AIR DUCT SIZE	SUPPLY AIR DUCT VELOCITY	S.P.	
H-100	35" x 47" x 3'	3,363	4,245	(2) 35" x 35"	3,800 FPM	1.25"	5,408	(6) 3.5" DIA.	724	2.35"	
VR-025	4" x 36" (2)	60	600	(2) 4" x 36"	3,440 FPM	.75"	N/A	N/A	N/A	N/A	
EXHAUST HOOD CFM			4,245	EXHAUST CONDENSATE AIR (CFM)			600				
HEATED MAKE-UP AIR (CFM)			3,408	MAKE-UP AIR (CFM)			0				
CFM TOTAL: 4,845			REMOVED BY HOODS: 4,845	RETURNED BY MUA: 3,408			BALANCE REQUIRED BY HVAC: 1,437 CFM				

A EXHAUST SYSTEM PLAN
SCALE: 3/8" = 1'-0"



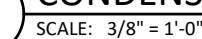
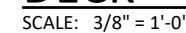
A EXHAUST SYSTEM PLAN
SCALE: 3/8" = 1'-0"

ALLIED AIR PACKAGED EXHAUST VENTILATION SYSTEM				
ITEM	SYSTEM PARTS	QTY.	MODEL	U.L. AND/OR ETL LISTINGS
AT1	EXHAUST HOOD	1	CH 38880	UL 710 LISTING & NSF 2
AT2	GREASE Baffle FILTERS	LOT	CHG F50	BAKERS CONTROL #455G
AT3	VAPOR PROOF LIGHTS	2	LEDK-108	UL E19229 & NSF 2
AT4	WALL MOUNTED CONTROL PANEL	1	SEE DWG.	INCLUDED W/ EXHAUST HOOD
AT5	SPACER	1	CUSTOM	TO MEET LOCAL CODE
AT6	S/S TRIM ENCLOSURE	0	CUSTOM	TO MEET LOCAL CODE
AT7	FIRE SYSTEM	1	AMULS B-102	UL 300 DESIGN
AT8	EXHAUST FAN	1	STERNPHUS-20	UL 742
AT9	EXHAUST FAN ROOF CURB	1	VERIFY ROOF	TO MEET LOCAL CODE
AT10	EXHAUST DUCT CLEAN-OUT ACCESS	8	THERMAL CERAMICS	TO MEET LOCAL CODE
AT11	EXHAUST DUCT SYSTEM INSTALLED	LOT	CUSTOM FIELD MEASURE	TO MEET LOCAL CODE
AT12	EXHAUST DUCT FIRE RATED WRAP	LOT	THERMAL CERAMICS	TO MEET LOCAL CODE
AT13	PERFORATED MAKE-UP AIR PLENUM	1	BOTTOM DISCHARGE	INCLUDED W/ EXHAUST HOOD
AT14	TEMP SUPPLY UNIT	1	V-3 (SEE SCHEDULE)	ETL/287444
AT15	TEMP SUPPLY UNIT CURB	1	VERIFY ROOF	TO MEET LOCAL CODE
AT16	MAKE-UP AIR DUCT SYSTEM INSTALLED	LOT	CUSTOM FIELD MEASURE	TO MEET LOCAL CODE
AT17	MAKE-UP AIR ROUND FLEXIBLE DUCT	6	CUSTOM FIELD MEASURE	TO MEET LOCAL CODE
AT18	TEMP SENSOR	2	AS-BUILT/NOTES	TO MEET LOCAL CODE
AT19	S/S WALL PANELS	0	IA	TO MEET LOCAL CODE
AT20	S/S END PANELS	0	IA	TO MEET LOCAL CODE
KITCHEN EQUIPMENT CONTRACTOR TO COORDINATE WITH GENERAL, ROOFING, STRUCTURAL, ELECTRICAL, HVAC AND PLUMBING CONTRACT DOCUMENTS. HOOD SYSTEM INSTALLER TO FIELD MEASURE KITCHEN VENTILATION SYSTEM BEFORE PRODUCT CONSTRUCTION AND INSTALL.				



CROWN POINT COMMUNITY
SCHOOL CORPORATION
CROWN POINT, INDIANA

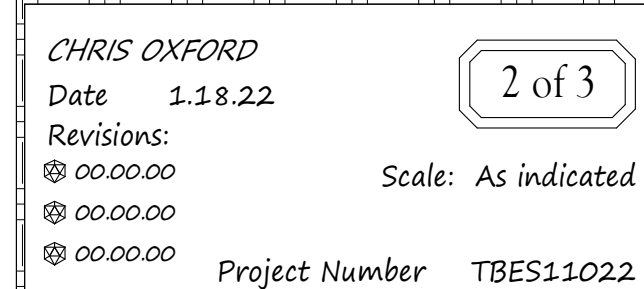
K501



<u>ALLIED AIR PACKAGED EXHAUST VENTILATION SYSTEM</u>						
ITEM	SYSTEM PARTS	QTY.	MODEL	U.L. AND/OR ETL LISTINGS	REMARKS	
A75	EXHAUST HOOD	3	ON SBES	UL TAO LISTING & NSF 2	TYPE 300, 38 GA. S/S CONSTRUCTION	
A76	GRASS Baffle FILTERS	LOTF	CHG FSD	RAEYS CONSTRUCTION #4402	STAINLESS Baffle FILTERS - 30" TALL	
A77	VAPOR PROOF LIGHTS	3	LEDR-300	UL E74252 & NSF 2	VAPOR PROOF LED LIGHT FIXTURES	
A78	WALL MOUNTED CONTROL PANEL	1	SEE ENG.	INCLUDED W/ EXHAUST HOOD	FLUSH MOUNTED ON WALL - WIRED BY E.C.	
A79	STAINLESS STEEL EXHAUST DUCT	1	TO MEET LOCAL CODE	TO MEET LOCAL CODE	TYPE 300, 38 GAUGE S/S CONSTRUCTION - 4" MIN. DIA.	
A79.5	S/S TIE ENCLOSURE	0	CUSTOM	TO MEET LOCAL CODE	TO MEET LOCAL CODE TO 12" ABOVE CEILING	
A77	FIRE SYSTEM	1	ANULS-L-102	UL-900 DESIGN	PRE-ENGINEERED - W/ETI CHEMICAL	
A78	EXHAUST FAN	1	STERNBRUN-300	UL-742	SEE DRAWING DETAILS	
A79	EXHAUST FAN RISK CURB	1	TO MEET LOCAL CODE	TO MEET LOCAL CODE	14 GAUGE GALVANIZED CONSTRUCTION	
A79.5	EXHAUST DUCT CLEAN-OUT ACCESS	3	THERMAL CHARGES	TO MEET LOCAL CODE	INSTALLED EVERY 30'-0" OF HORIZONTAL RUN OR CHANGE DIRECTION	
A79.5	EXHAUST DUCT SYSTEM INSTALLED	LOTF	CUSTOM FIELD MEASURE	TO MEET LOCAL CODE	14 GAUGE, FLULY WELDED (LOUHS TO SEE DRAWING FOR DETAILS)	
A79.5	EXHAUST DUCT FIRE RATED WRAP	LOTF	THERMAL CHARGES	TO MEET LOCAL CODE	FIELD VERIFY BUILDING MATERIALS FOR COMPLIANCE	
A79.5	PERFORATED MAKE-UP AIR FLOWM	6	NON-TERMINAL MAKE-UP UNIT	INCLUDED W/ EXHAUST HOOD	S/S CONSTRUCTION WITH BALANCING DAMPERS & PERFORATED TOP	
A79.5	TEMP SUPPLY UNIT	1	B-2 (SEE SCHEDULE)	ETL-27341	SEE DRAWING DETAILS	
A79.5	TEMP SUPPLY UNIT CURB	1	VERIFY RFO	TO MEET LOCAL CODE	14 GAUGE GALVANIZED CONSTRUCTION	
A76.5	MAKE-UP AIR DUCT SYSTEM INSTALLED	LOTF	CUSTOM FIELD MEASURE	TO MEET LOCAL CODE	23 GAUGE LOW PRESSURE STEEL PER SMASHA STANDARDS	
A76.5	MAKE-UP AIR ROUND FLEXIBLE DUCT	6	CUSTOM FIELD MEASURE	TO MEET LOCAL CODE	INSULATED FLEXIBLE DUCT WITH BALANCING DAMPERS AT EACH CONNECTION TO PLUMBING	
A79.5	TEMP SENSOR	3	AS UNAVAILABLE	TO MEET LOCAL CODE	"HUT" START CONTROL W/ INTERLOCK TO DELAY RELAY	
A79.5	S/S WALL PANELS	0	NA	TO MEET LOCAL CODE	TYPE 300 S/S CONSTRUCTION	
A79.5	S/S END PANELS	0	NA	TO MEET LOCAL CODE	TYPE 300 S/S CONSTRUCTION	

KITCHEN EQUIPMENT CONTRACTOR TO COORDINATE WITH GENERAL ROOFING, STRUCTURAL, ELECTRICAL, HVAC AND PLUMBING CONTRACTOR DOCUMENTS.

HOOD SYSTEM INSTALLER TO FIELD MEASURE KITCHEN VENTILATION SYSTEM BEFORE PRODUCT CONSTRUCTION AND INSTALL.

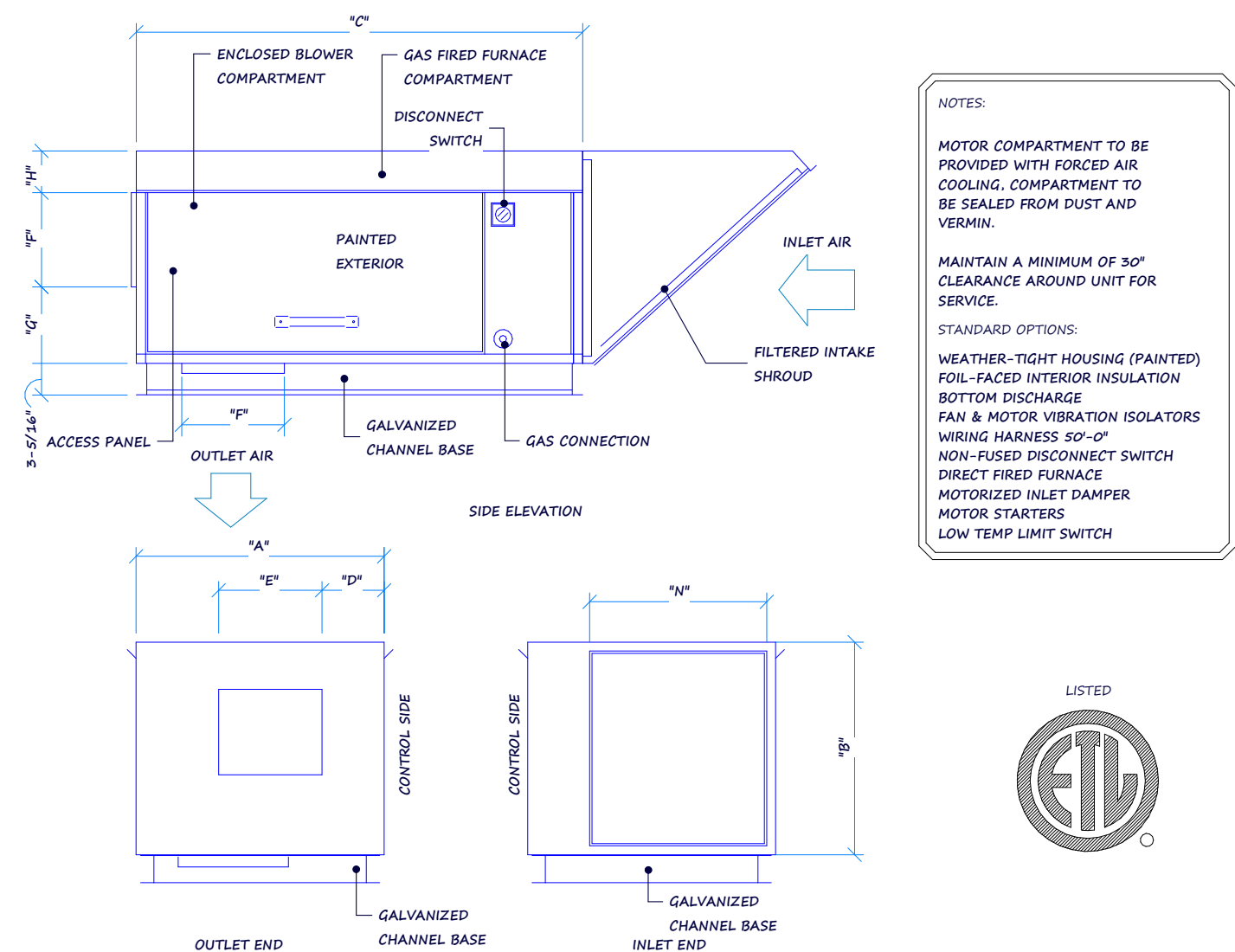




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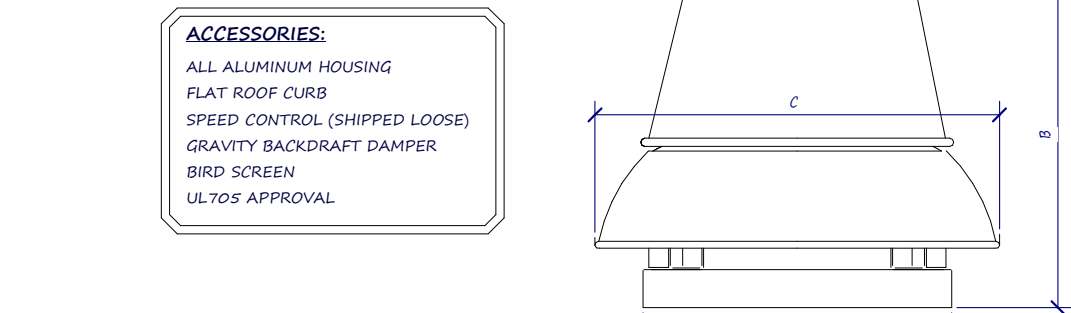
PROJECT
**TIMOTHY BALL
ES ADDITION
AND
RENOVATIONS**
CROWN POINT COMMUNITY
SCHOOL CORPORATION
CROWN POINT, INDIANA

MAKE-UP AIR FAN SCHEDULE																			
FAN DESCRIPTION					FAN DIMENSIONS					FAN RATING									
ITEM #	QTY.	MODEL	"A"	"B"	"C"	"D"	"E"	"F"	"G"	CURB I.D.	CURB O.D.	ROOF OPENING	LBS.	VOLTS	PH	HP	AMPS	RPM	STATIC CFM
EF-35	1	1/2	32"	30"	12"	9.33/24"	20.5/8"	17.7/8"	1.9/31"	3.5" X 2.5"	2.8" X 2.8"	2.4" X 2.4"	365	460	3	4.6	30	1,375	3,508
EF-34	1	1/2	32"	30"	12"	9.33/24"	20.5/8"	17.7/8"	1.9/31"	3.5" X 2.5"	2.8" X 2.8"	2.4" X 2.4"	365	460	3	4.6	30	1,375	3,508



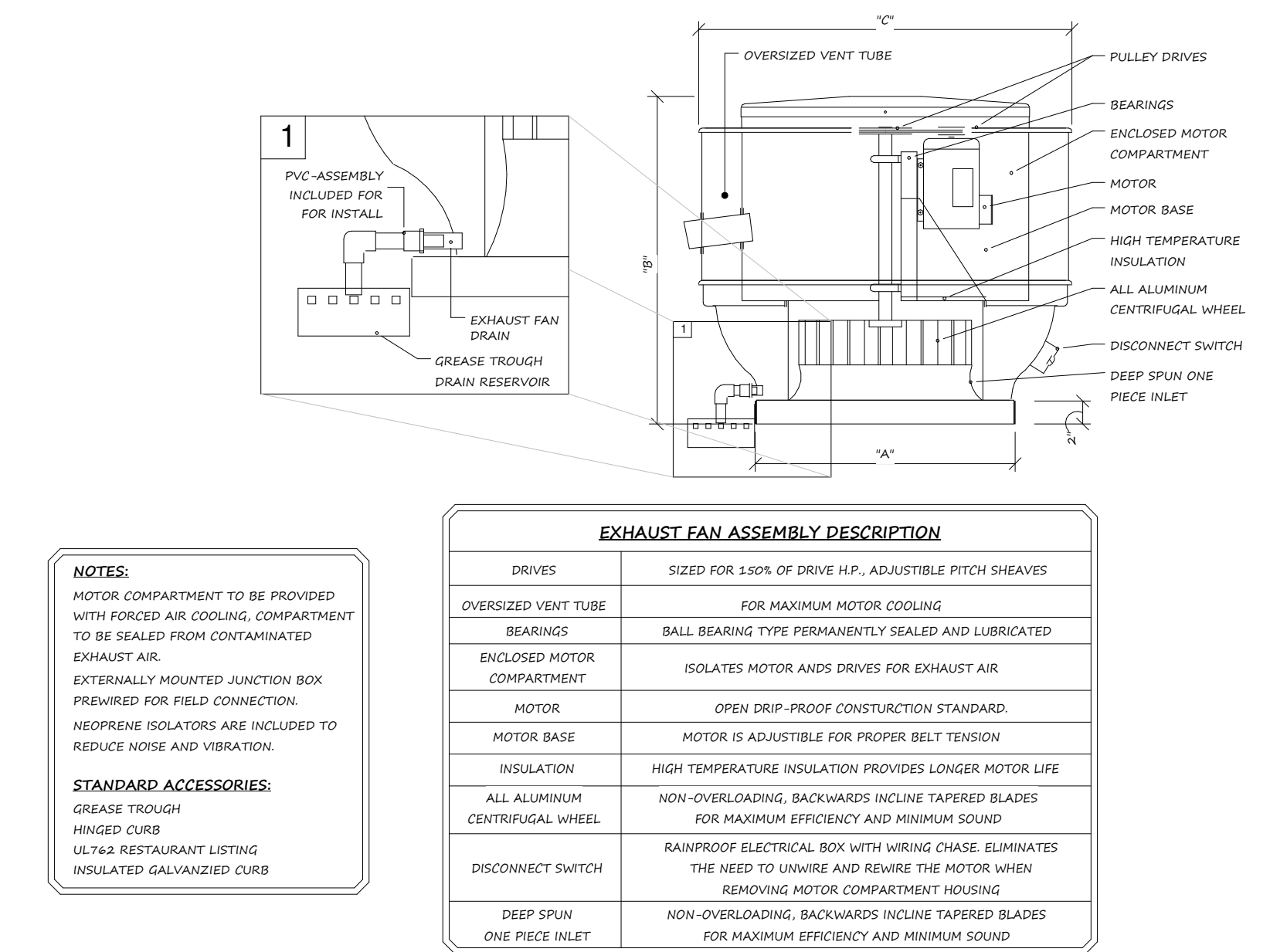
AT14 - MAKE-UP AIR UNIT DETAIL
SCALE: NOT TO SCALE

CONDENSATE EXHAUST FAN SCHEDULE																			
FAN DESCRIPTION					FAN DIMENSIONS					FAN RATING									
ITEM #	QTY.	MODEL	"A"	"B"	"C"	CURB I.D.	CURB O.D.	LBS.	VOLTS	PH	HP	AMPS	RPM	STATIC CFM					
CF-54	1	SDB021250C	20"	27.53"	27.63"	1.5" X 1.5"	2.1" X 1.1"	105	115	1	1/2	7.8	5,330	75"					



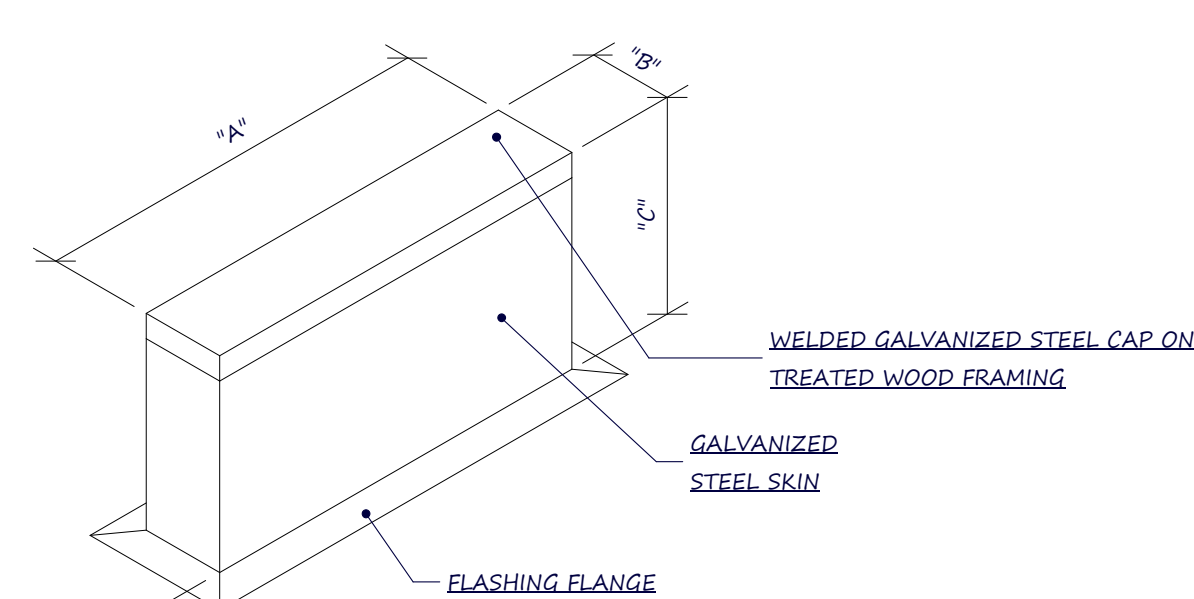
ATDW8 - DOWNBLAST EXHAUST FAN DETAIL
SCALE: 12" = 1'-0"

EXHAUST FAN SCHEDULE																
FAN DESCRIPTION			FAN DIMENSIONS						FAN RATING							
ITEM #	QTY.	MODEL	"A"	"B"	"C"	CURB I.D.	CURB O.D.	ROOF OPENING	LBS.	VOLTS	PH	HP	AMPS	RPM	STATIC	CFM
EF-35	1	STX8H240	30"	28.63"	46.64"	2.5" X 2.5"	2.8" X 2.8"	2.5" X 2.5"	233	460	3	2	3.3	1,212	3,257	4,265

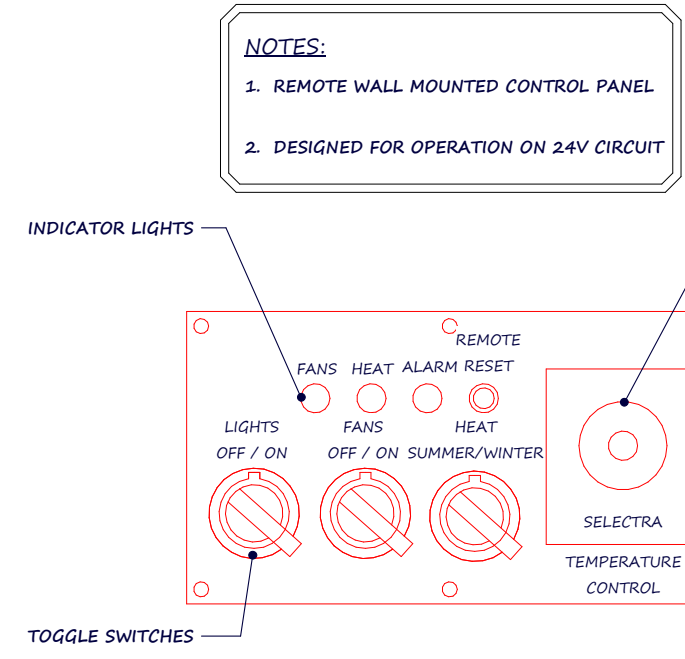


AT8 - UPBLAST EXHAUST FAN DETAIL
SCALE: NOT TO SCALE

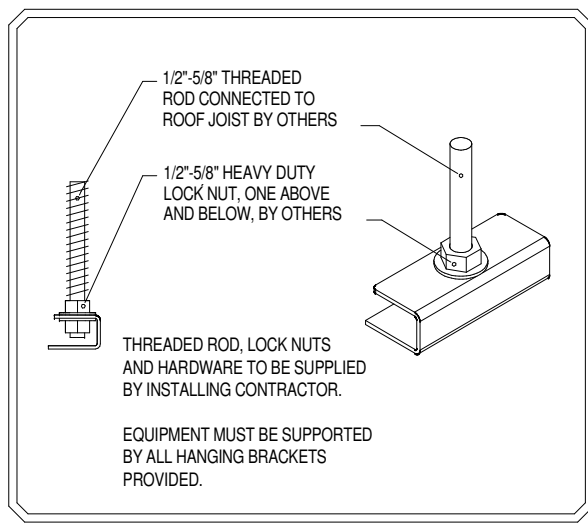
SUPPORT RAIL SCHEDULE			
CURB DIMENSIONS			
FAN #	"A"	"B"	"C"
EF-34	44.9"	5"	15.75"



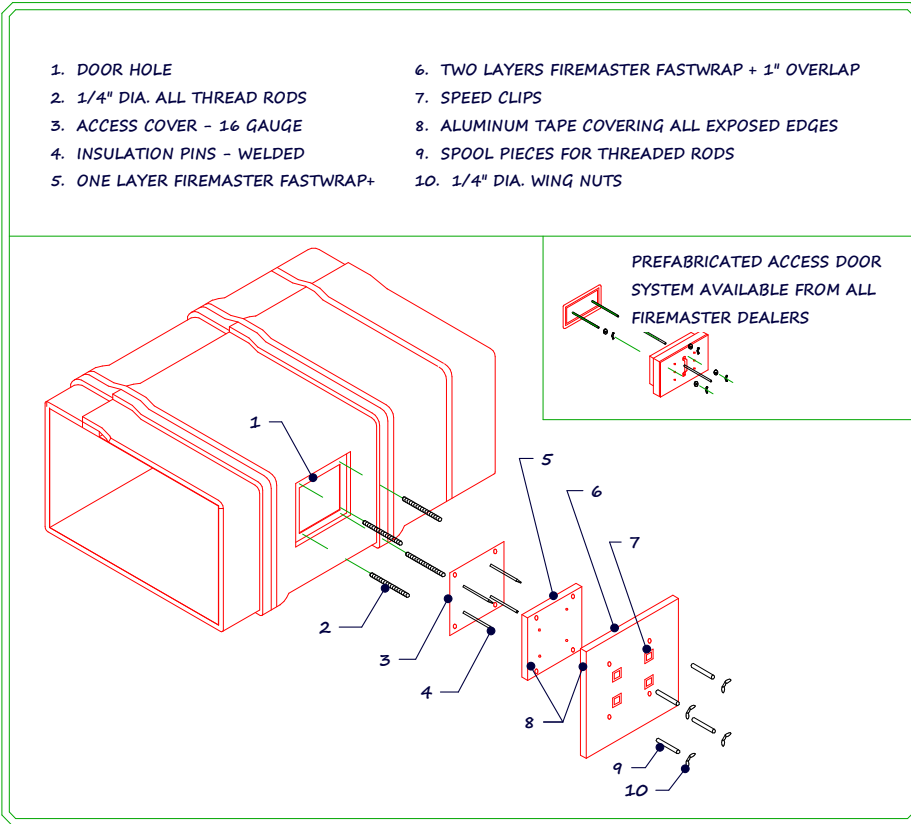
SUPPORT RAIL DETAIL
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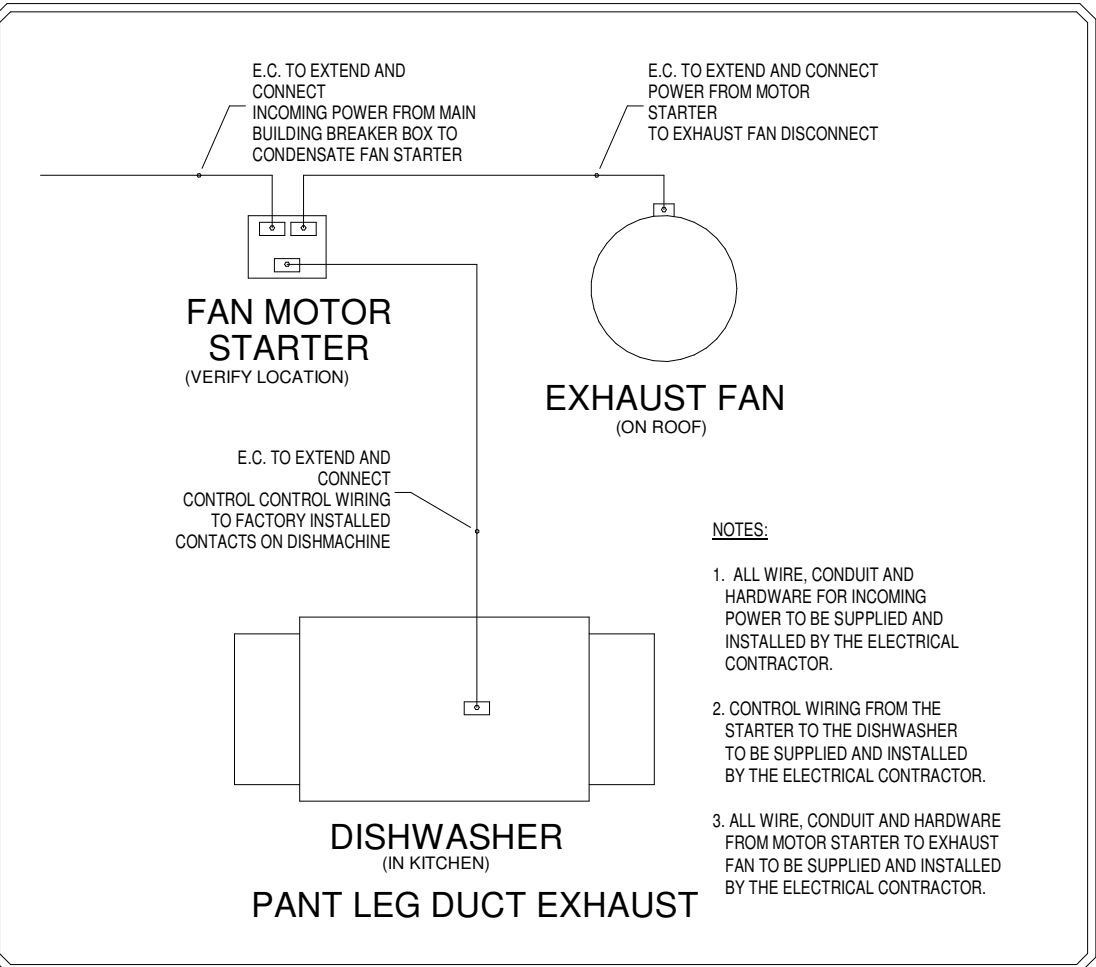
AT4 - REMOTE MOUNTED HOOD CONTROL PANEL
SCALE: NOT TO SCALE



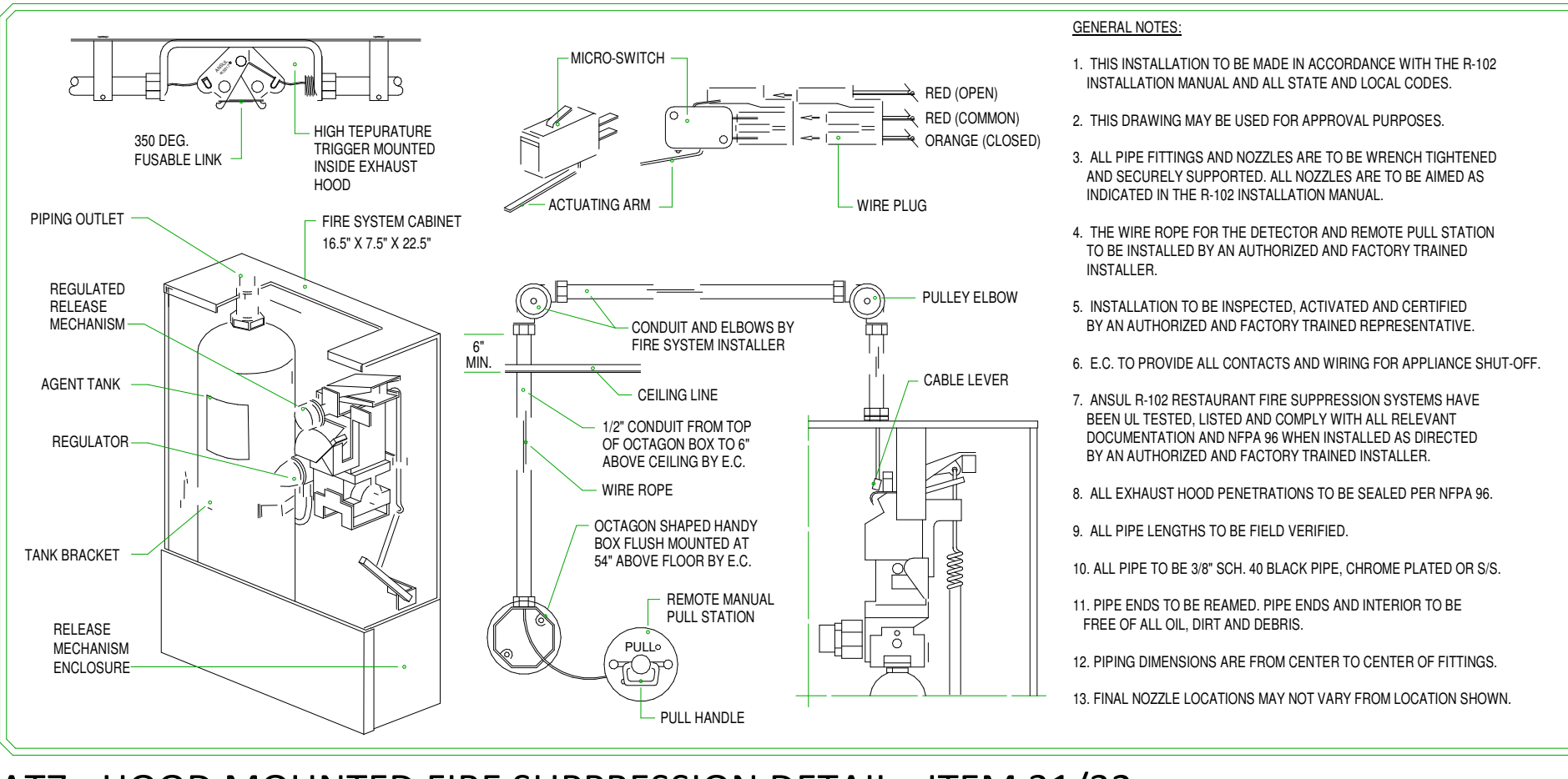
BRACKET DETAIL
SCALE: NOT TO SCALE



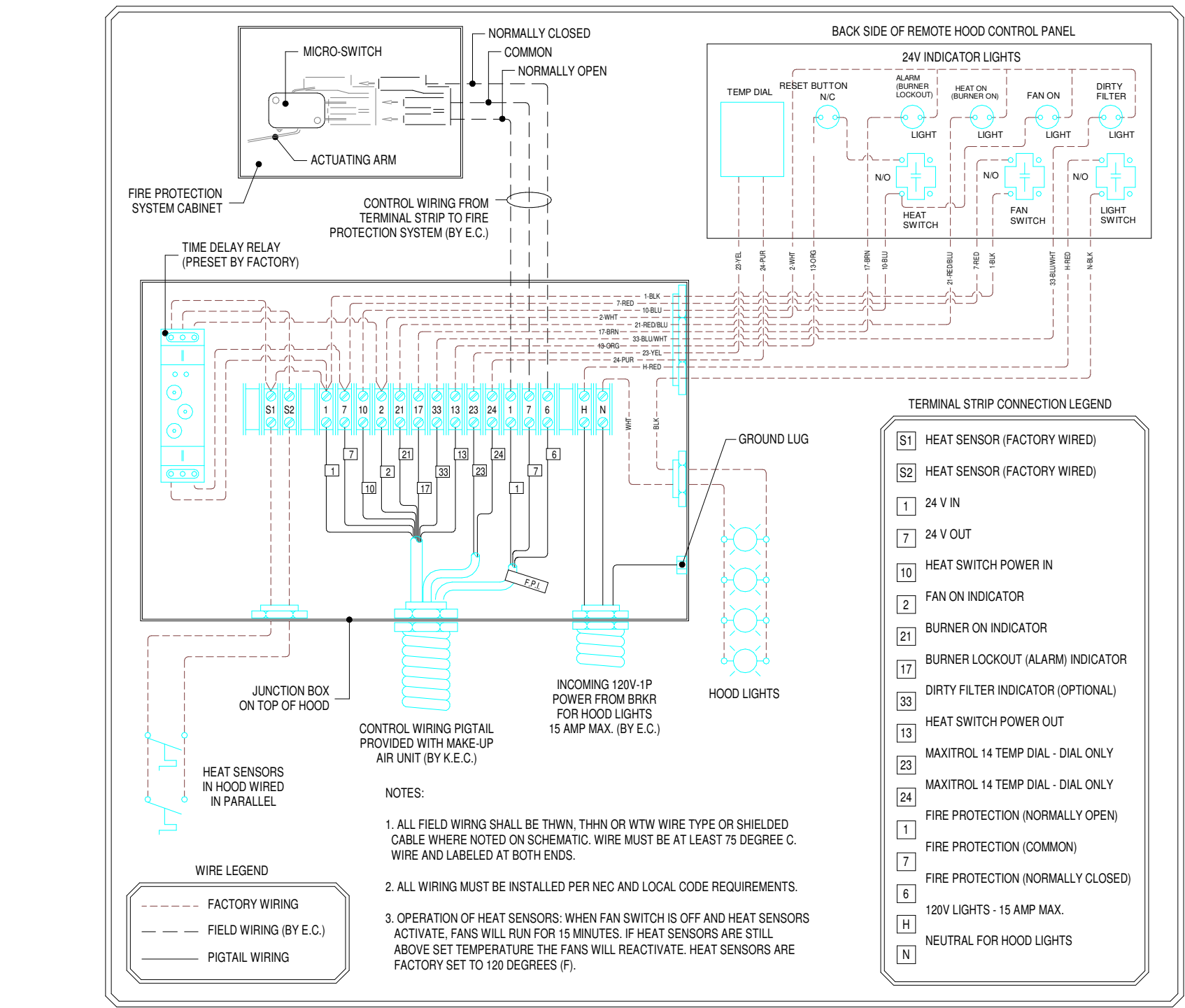
AT 12 - FIRE WRAP DETAIL
SCALE: NOT TO SCALE



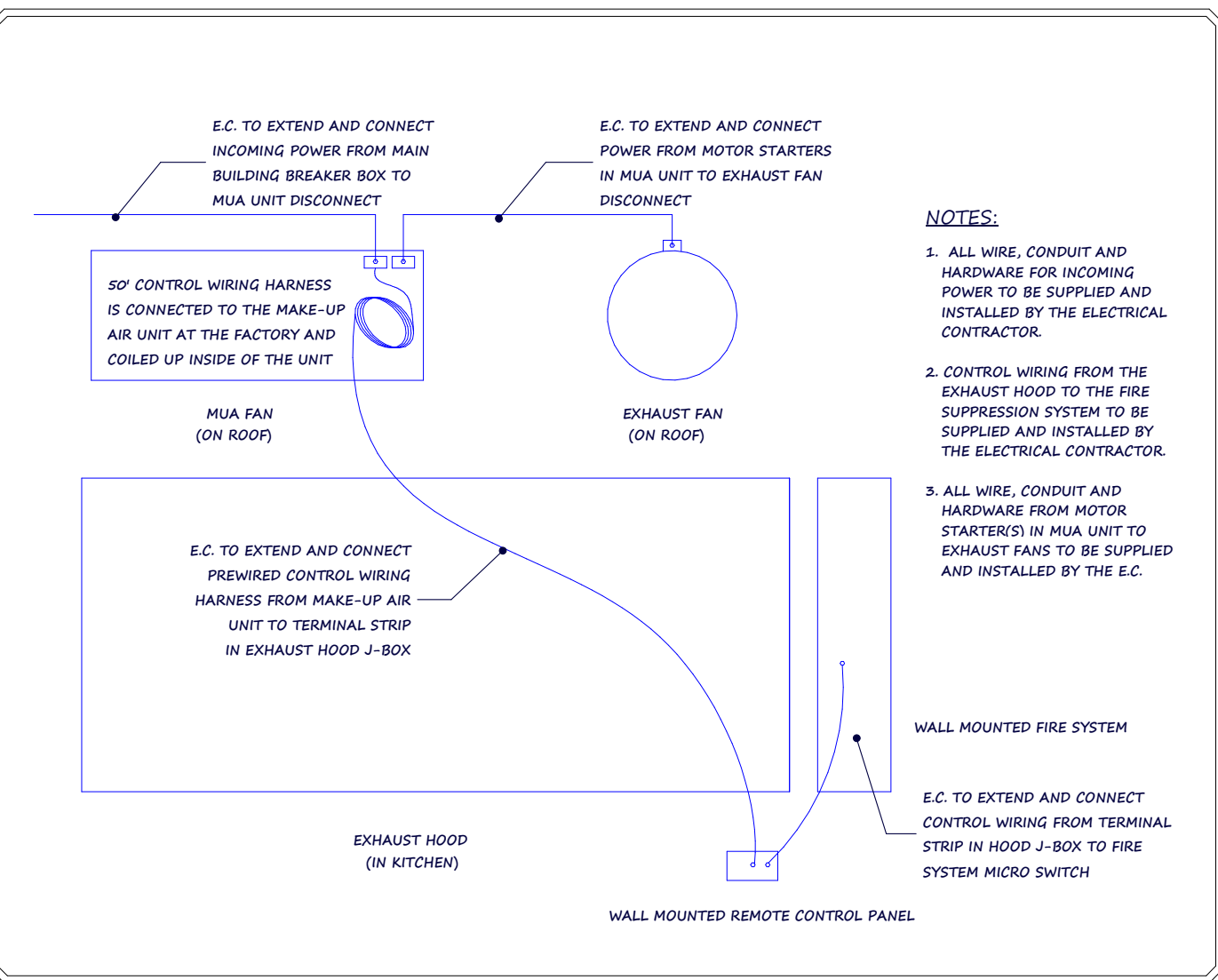
WIRE ROUTING DETAIL - PANT LEG EXHAUST SYSTEM
SCALE: NOT TO SCALE



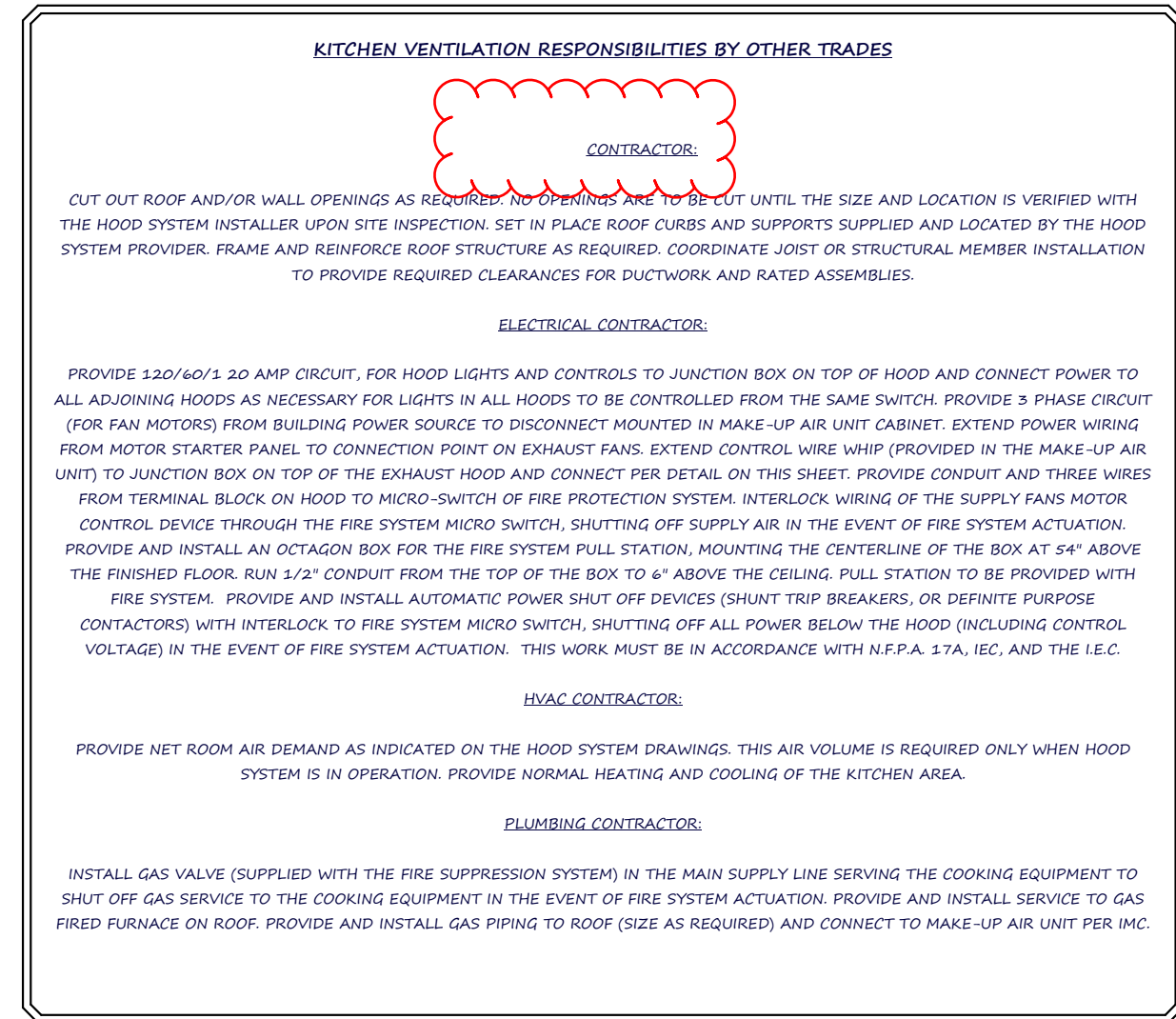
AT7 - HOOD MOUNTED FIRE SUPPRESSION DETAIL - ITEM 31/32
SCALE: NTS



TYPICAL WIRING SCHEMATIC - REMOTE MOUNTED CONTROL PANEL
SCALE: NOT TO SCALE



WIRE ROUTING DETAIL - HOOD W/O CABINET - REMOTE CONTROL PANEL
SCALE: NOT TO SCALE



GIBRALTAR DESIGN

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PROJECT
21-112
DATE
02/07/22
COORDINATED BY
DRAWN BY
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	03/03/22	ADDENDUM #3

Allied Air
Systems
Food Equipment, Inc.
426 SAYRE DRIVE
GREENWOOD, IN 46142
317.887.2020
www.alliedfoodequipment.com

TIMOTHY BALL E.S.
CROWN POINT, IN

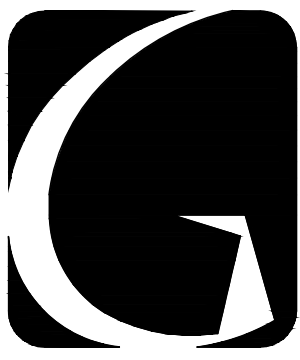
REITANO DESIGN GROUP

CHRIS OXFORD
Date 1.18.22
Revisions:
1. 00.00.00
2. 00.00.00
3. 00.00.00
Project Number TBES11022

DRAWING
EXHAUST VENTILATION
SYSTEM DRAWING, DETAILS
& SCHEDULE

PROJECT
TIMOTHY BALL ES ADDITIONS AND
RENOVATIONS

GIBRALTAR DESIGN
SHEET
K502



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

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PROJECT
21-139
DATE
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DRAWN BY
JUN
CHECKED BY
RDG

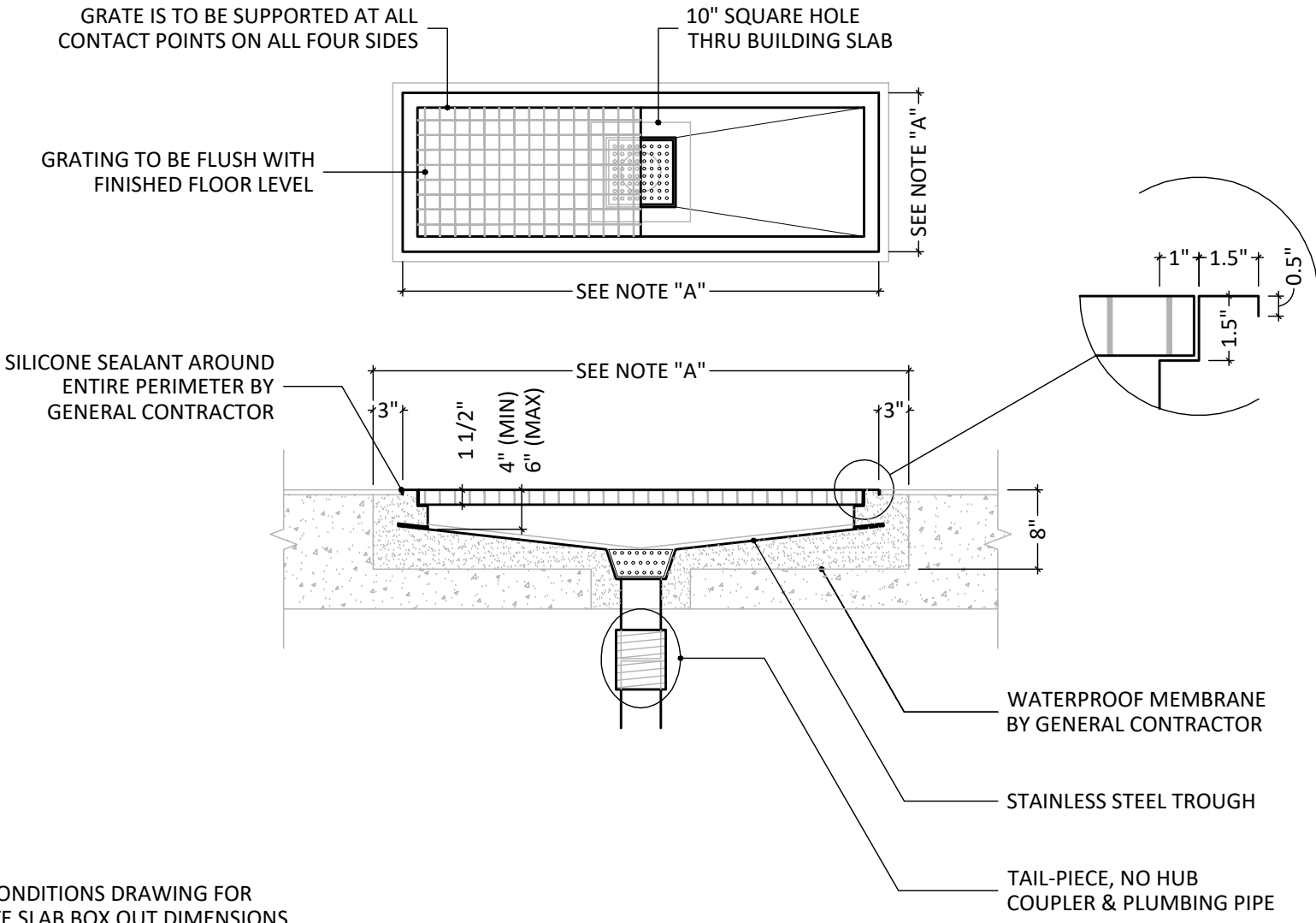
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DRAWING
**FOODSERVICE EQUIPMENT
DETAILS, ELEVATIONS &
SECTIONS**

PROJECT
WESTCHESTER IS -
ADDITIONS & RENOVATIONS

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NOTES:
A. REFER TO SPECIAL CONDITIONS DRAWING FOR
REQUIRED CONCRETE SLAB BOX OUT DIMENSIONS
B. FLOOR TROUGH TO HAVE ANTI-SPASH CROSS SECTION

FLOOR TROUGH DEPRESSION DETAIL

NOT TO SCALE

D

MARINE EDGE DETAIL

NOT TO SCALE

C

ROLLED RIM DETAIL

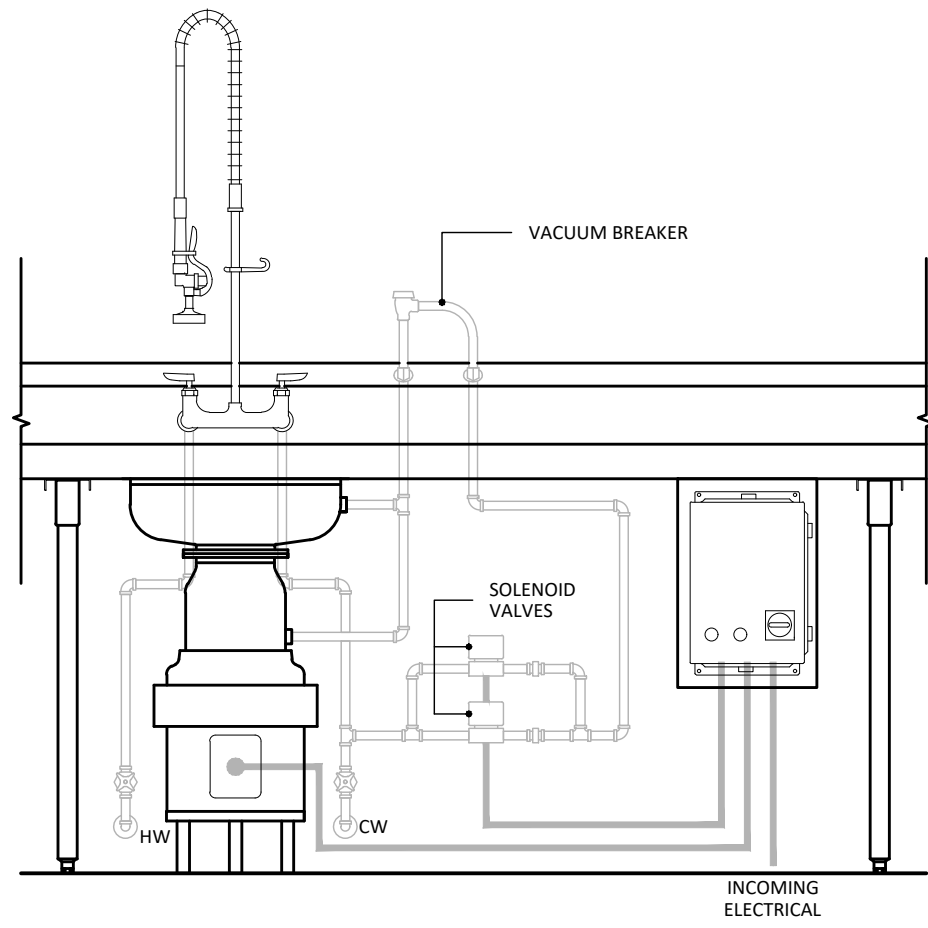
NOT TO SCALE

B

FLAT EDGE DETAIL

NOT TO SCALE

A



DISPOSER ELECTRICAL & PLUMBING DETAIL

NOT TO SCALE

H

LAMINATE PROTECTOR STRIP DETAIL

NOT TO SCALE

G

DISHTABLE ACCESSORY DETAIL

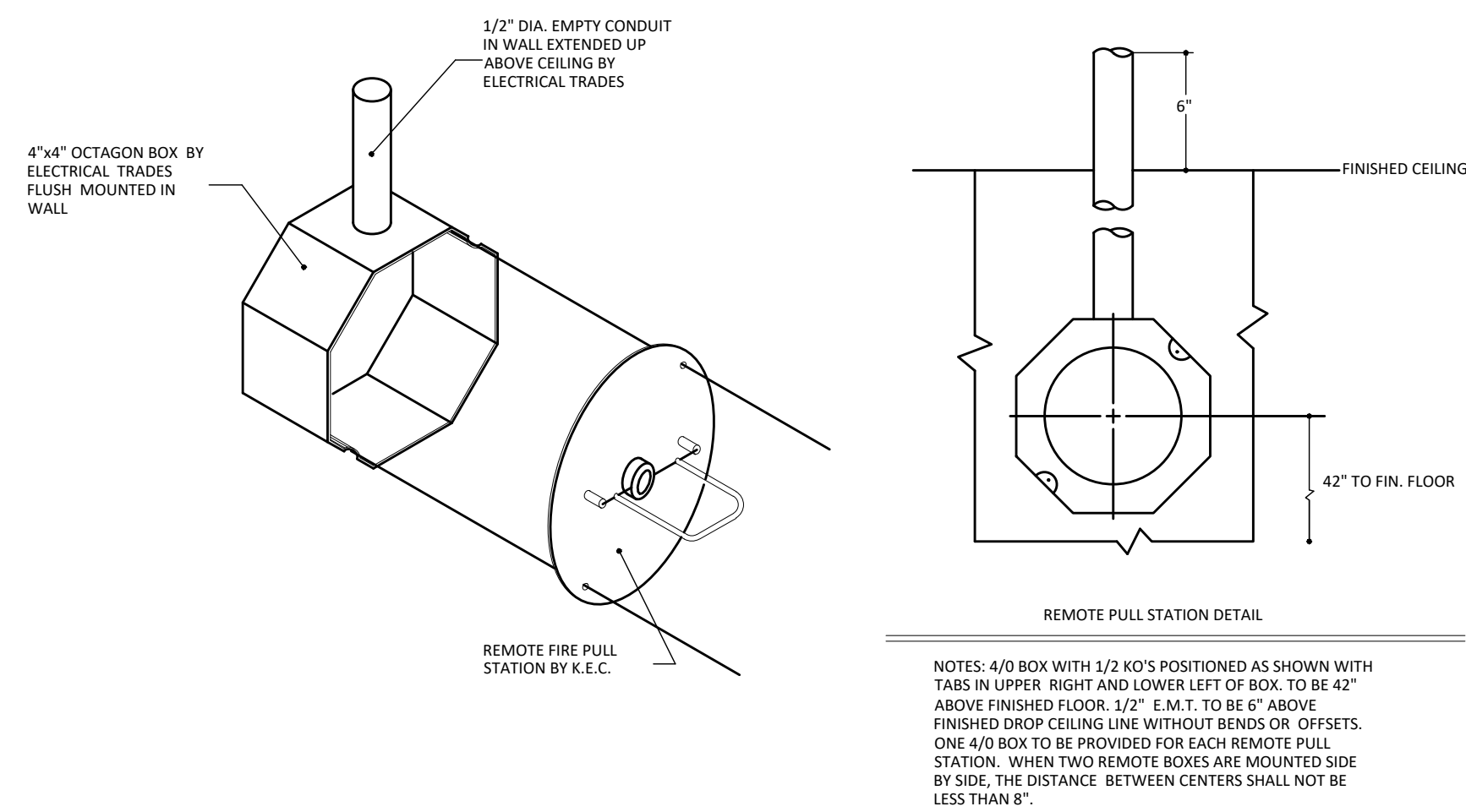
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STAINLESS STEEL SINK CONSTRUCTION DETAIL

NOT TO SCALE

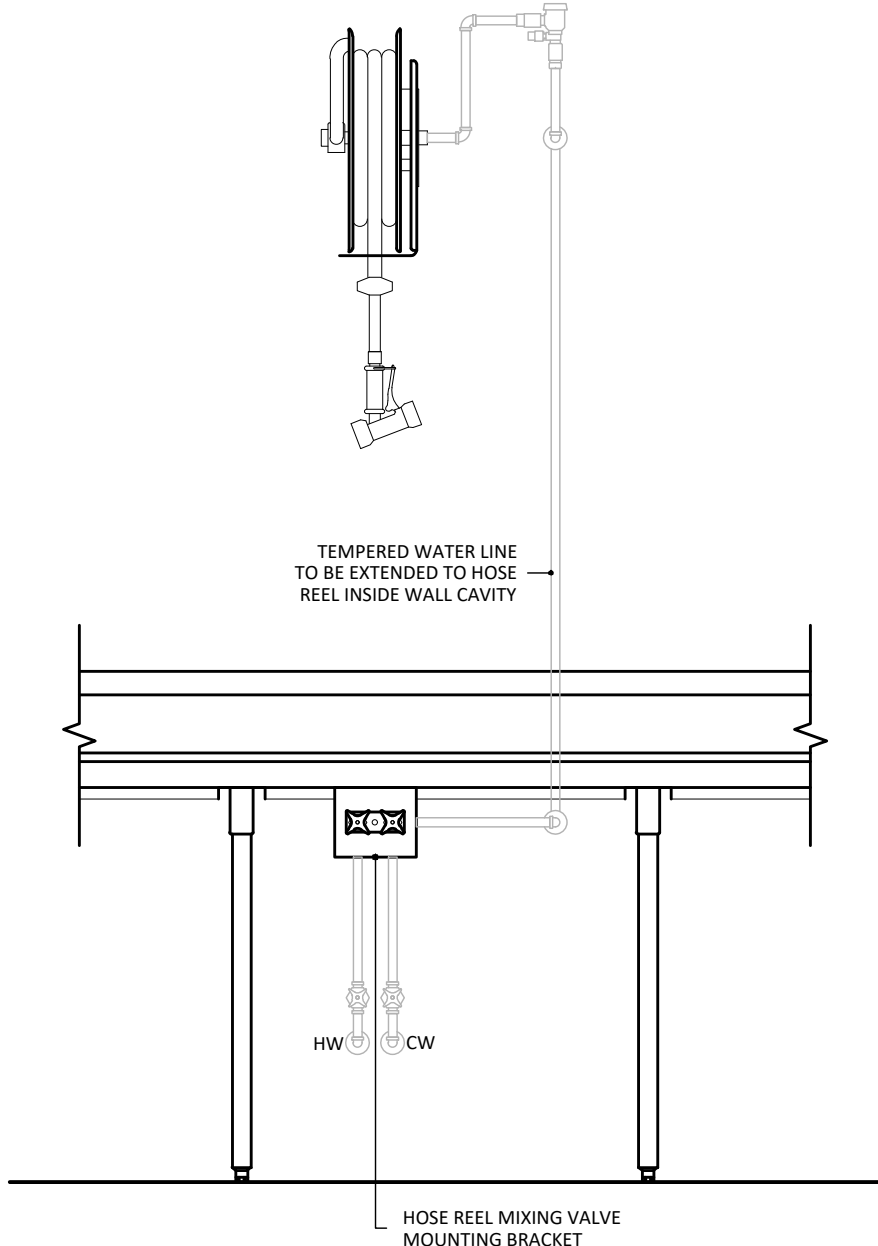
E



FIRE SUPPRESSION SYSTEM MANUAL PULL STATION

NOT TO SCALE

K



HOSE REEL PLUMBING DETAIL

NOT TO SCALE

L

ISLAND TABLE CHASE CURB DETAIL (TYPICAL)

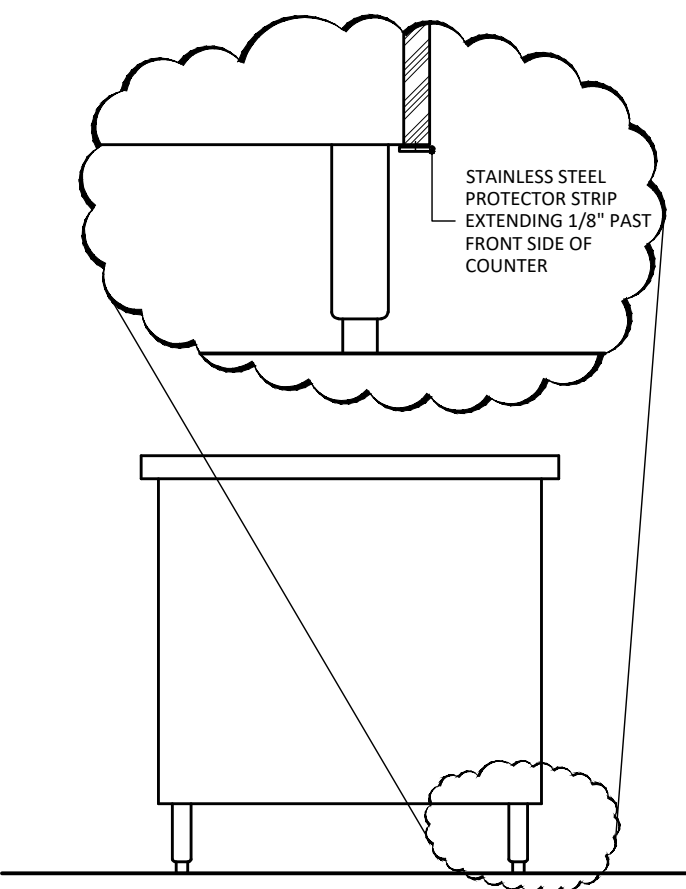
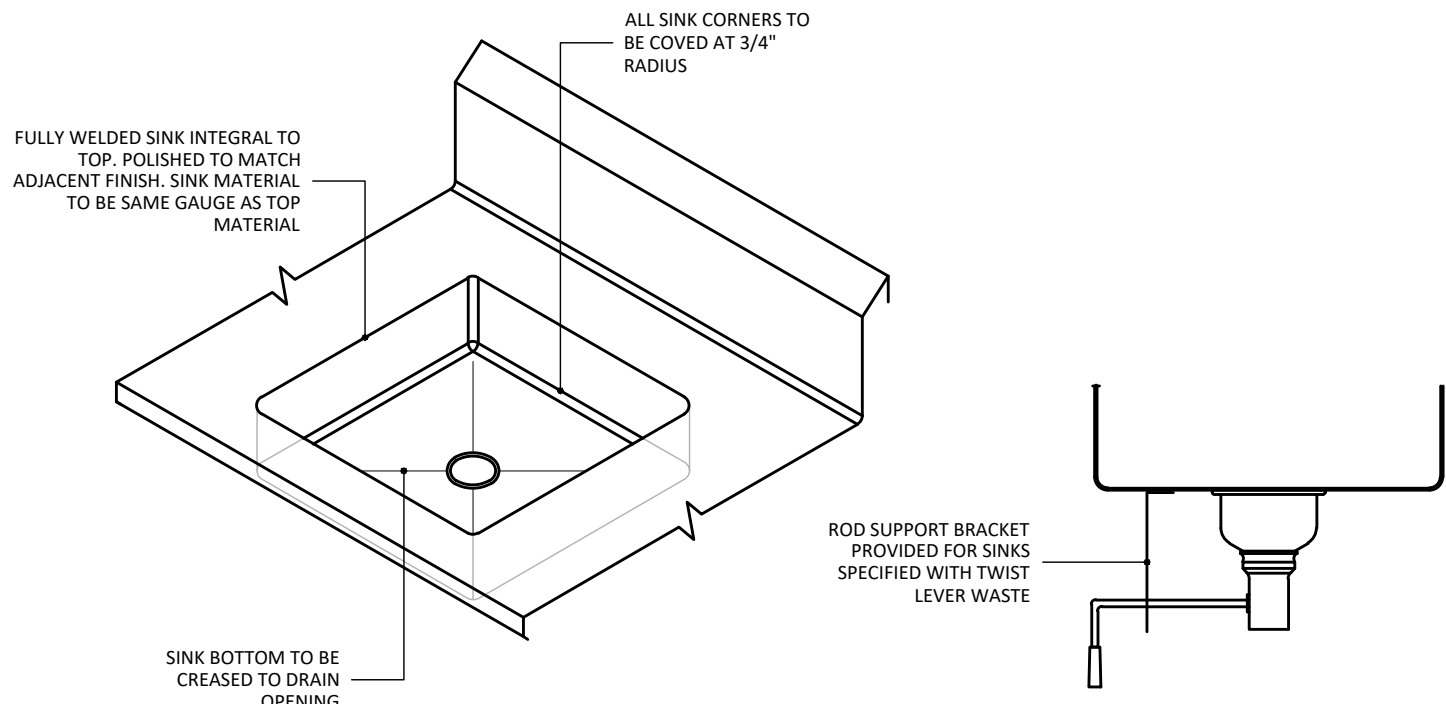
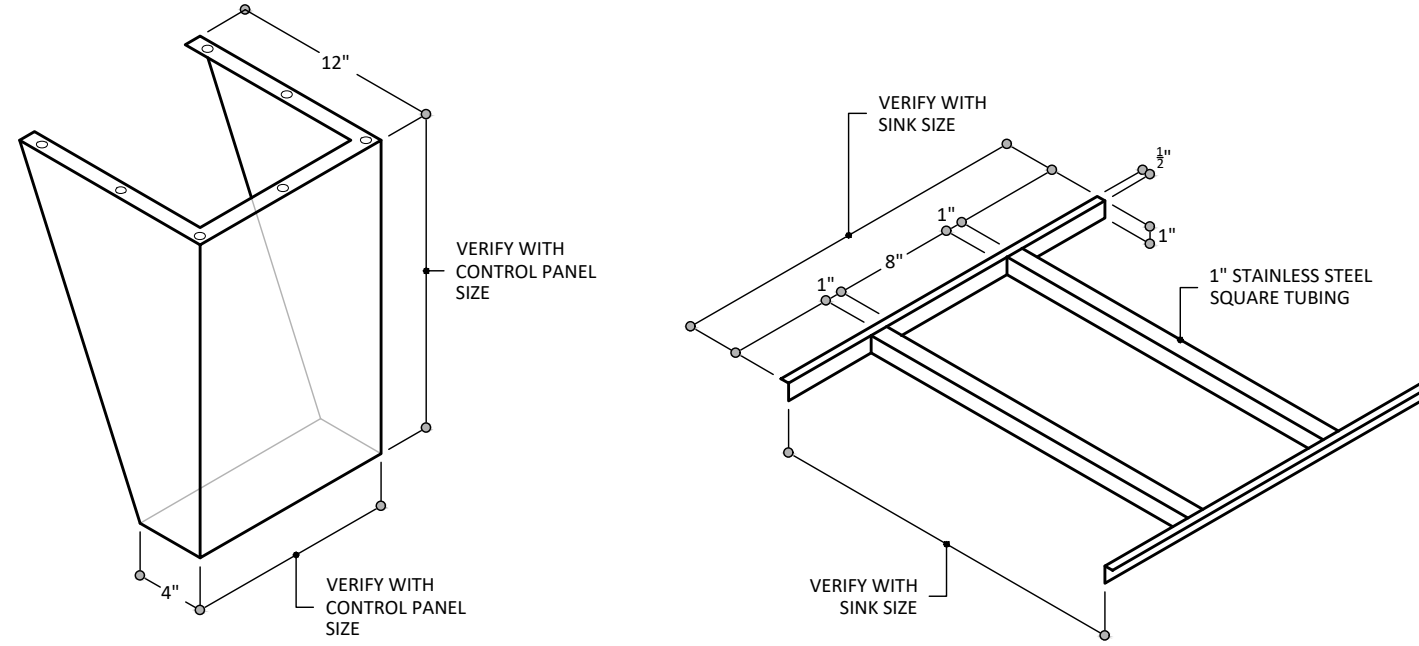
NOT TO SCALE

J

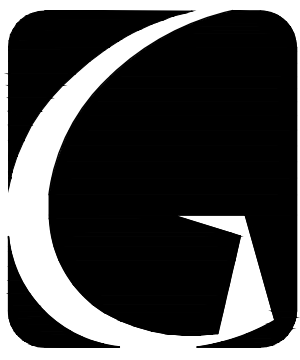
PASS-THRU CABINET WALL FRAMING DETAIL (TYPICAL)

NOT TO SCALE

I



Wednesday, 3/2/2022 - 5:09 PM - LAST SAVED BY: JONATHAN NIKEL
G:\SHARED DRIVES\RDG PROJECT DATA\RDG PROJECT
FOLDER (2021)\2021-026 - GIBRALTAR - TIMOTHY BALL
ELEMENTARY\3. DRAWINGS\K. CAD\21-026-0221-026-ELEV.DWG



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DUNELAND SCHOOL CORPORATION
CHESTERTON, INDIANA

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JUN
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RDG

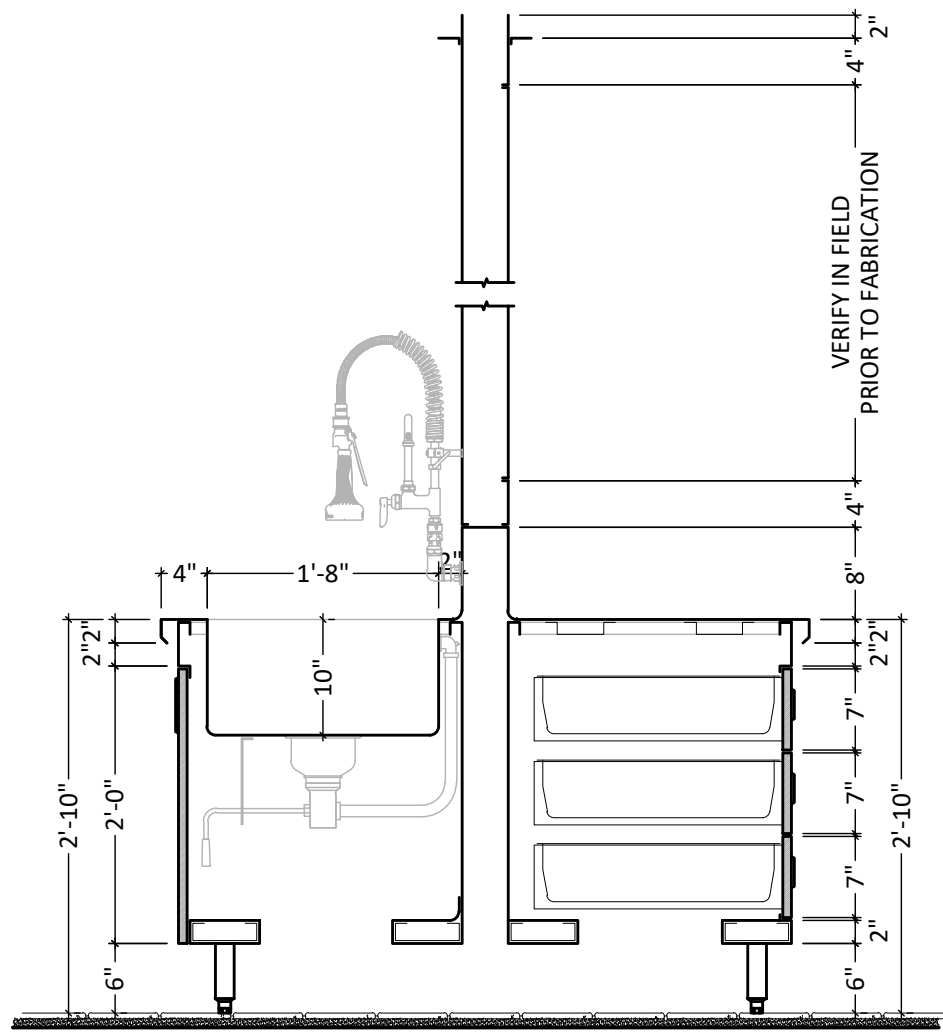
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DRAWING
**FOODSERVICE EQUIPMENT
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SECTIONS**

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WESTCHESTER IS -
ADDITIONS & RENOVATIONS

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SECTION @ ISLAND PREP WORKTABLE

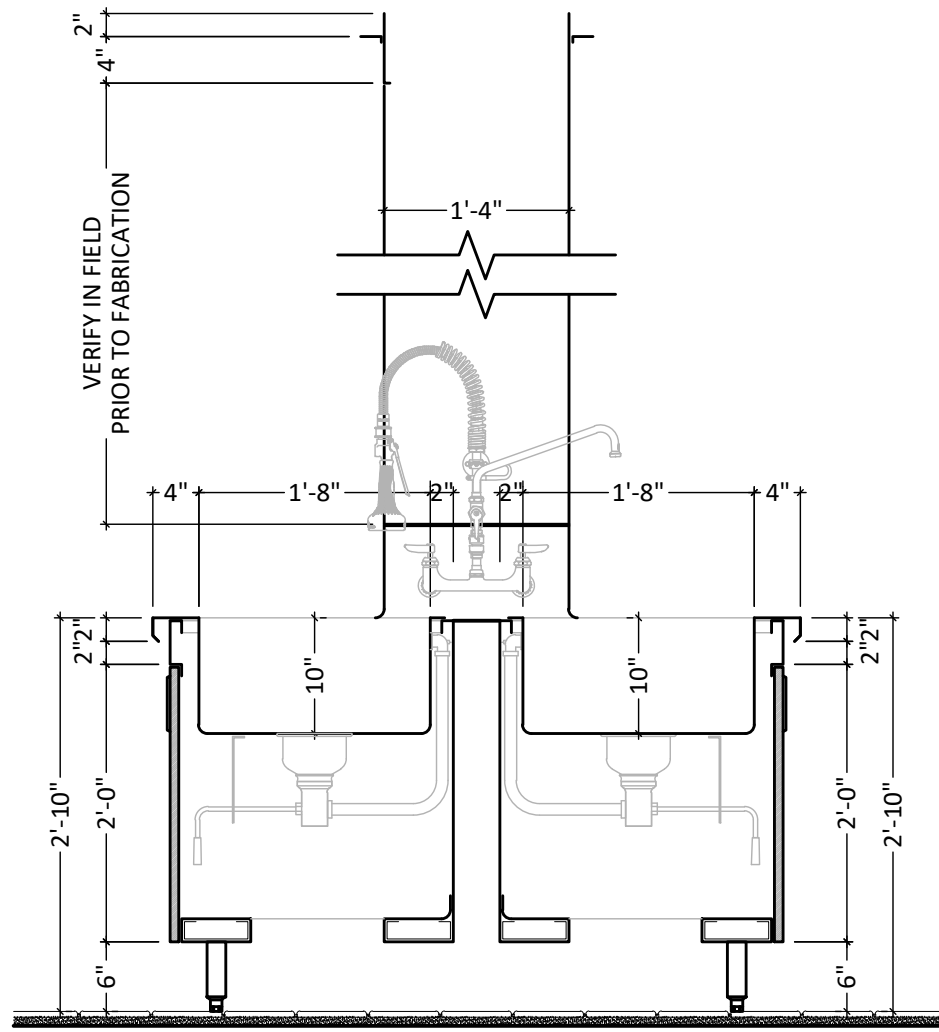
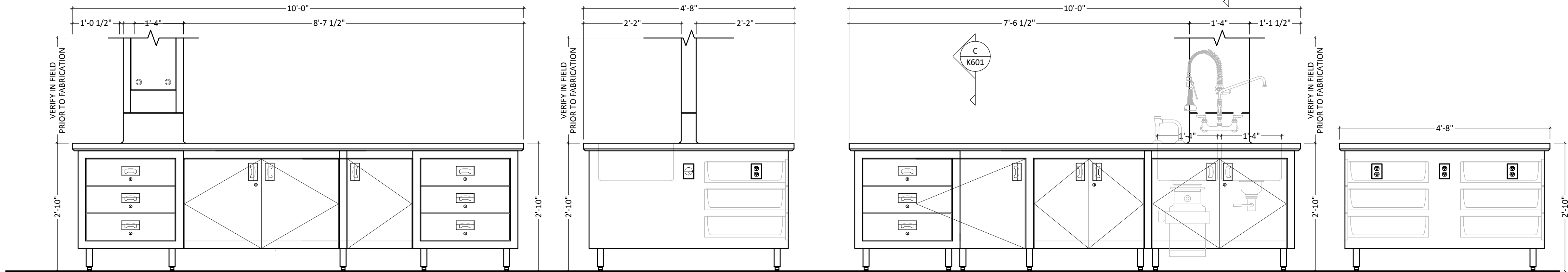
SCALE
3/4" = 1'-0"

B

ITEM #14 - ISLAND VEGETABLE PREP WORKTABLE

SCALE
3/4" = 1'-0"

A



SECTION AT ISLAND WORKTABLE

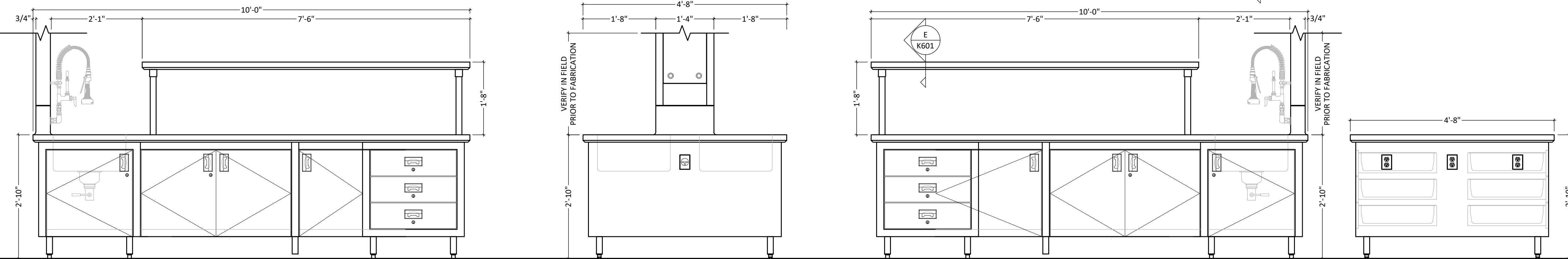
SCALE
3/4" = 1'-0"

D

ITEM #17 - ISLAND PREP WORKTABLE

SCALE
3/4" = 1'-0"

C



NOT USED

SCALE
3/4" = 1'-0"

H

ITEM#25 - WORKTABLE

SCALE
3/4" = 1'-0"

G

ITEM#23 - MOBILE WORK TABLE

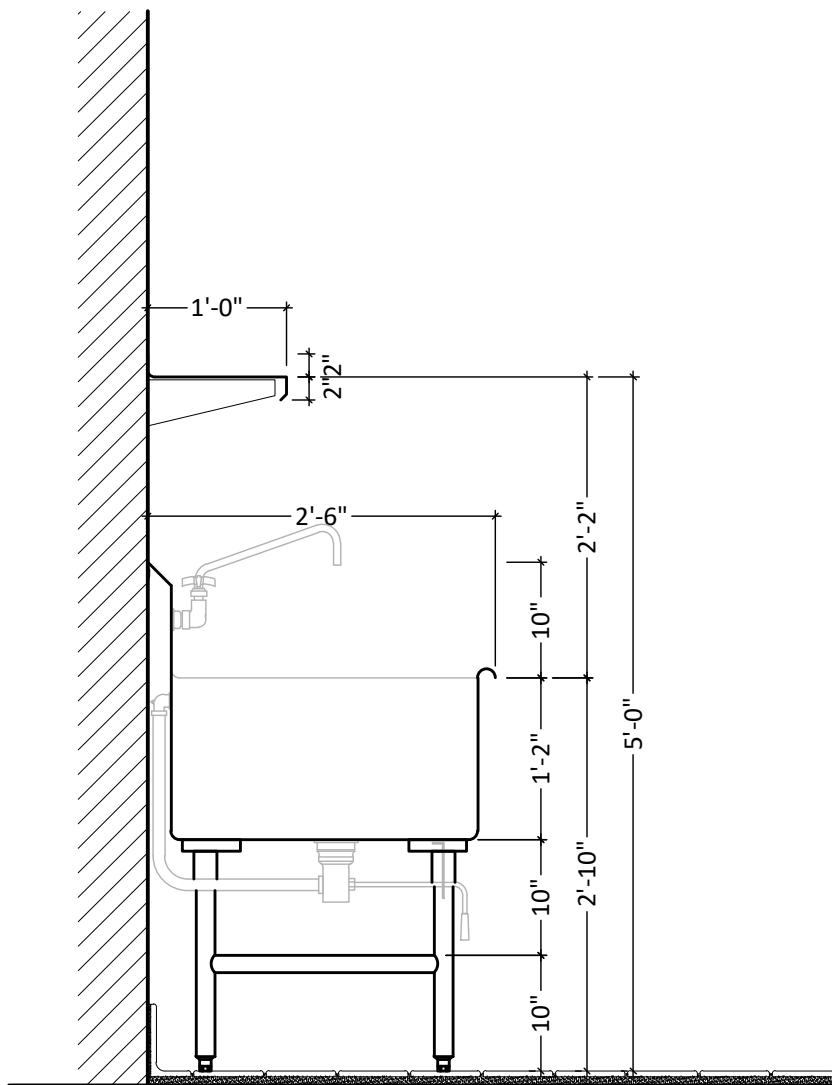
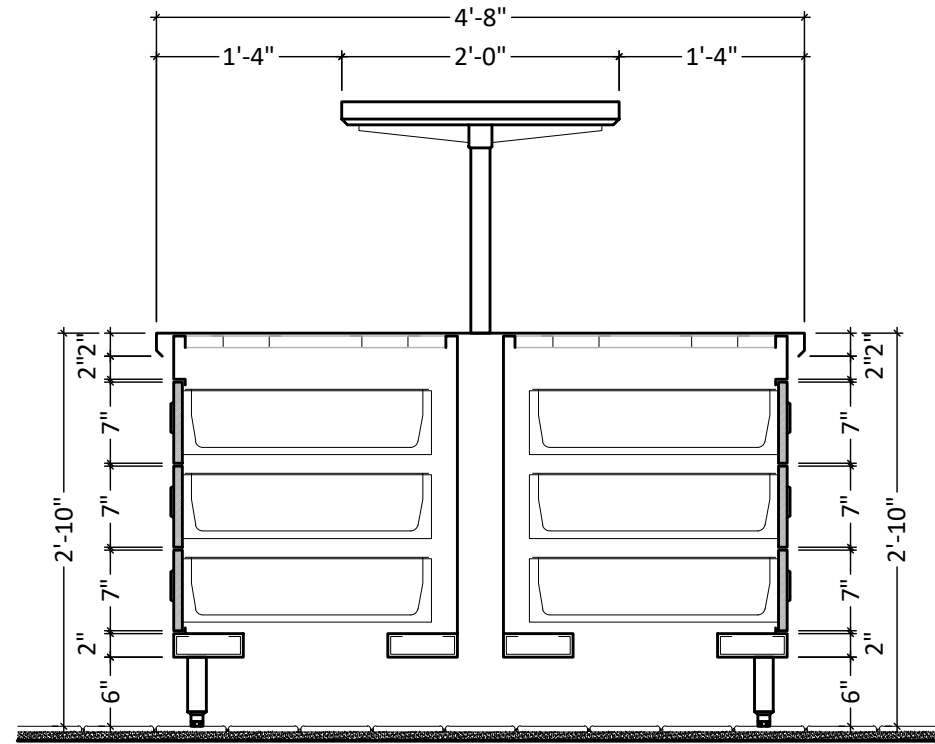
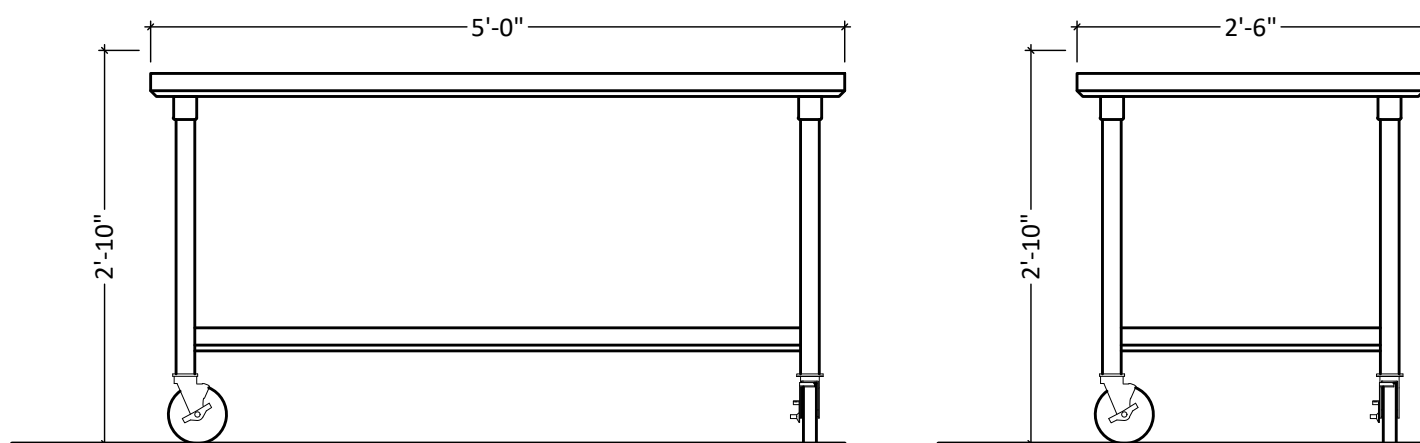
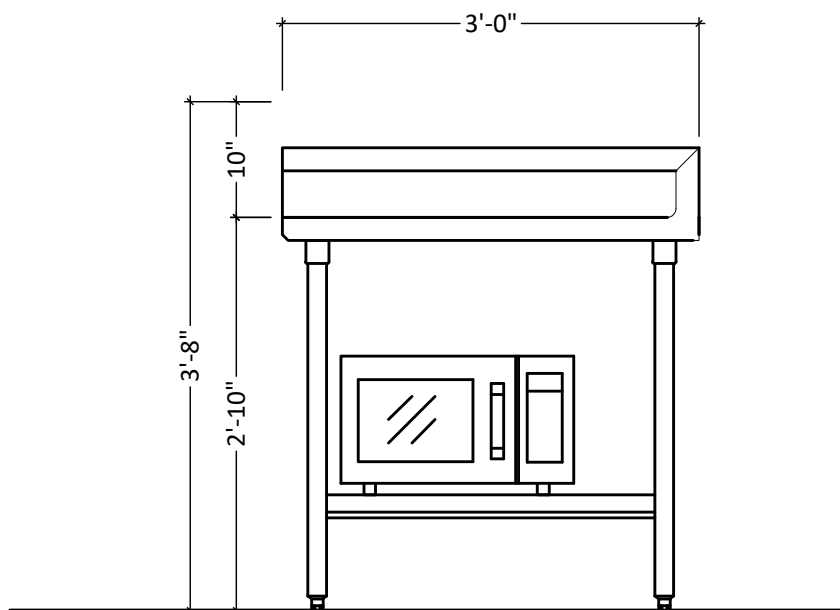
SCALE
3/4" = 1'-0"

F

SECTION AT ISLAND WORKTABLE

SCALE
3/4" = 1'-0"

E



SECTION @ THREE COMPARTMENT SINK

SCALE
3/4" = 1'-0"

K

SECTION @ THREE COMPARTMENT SINK

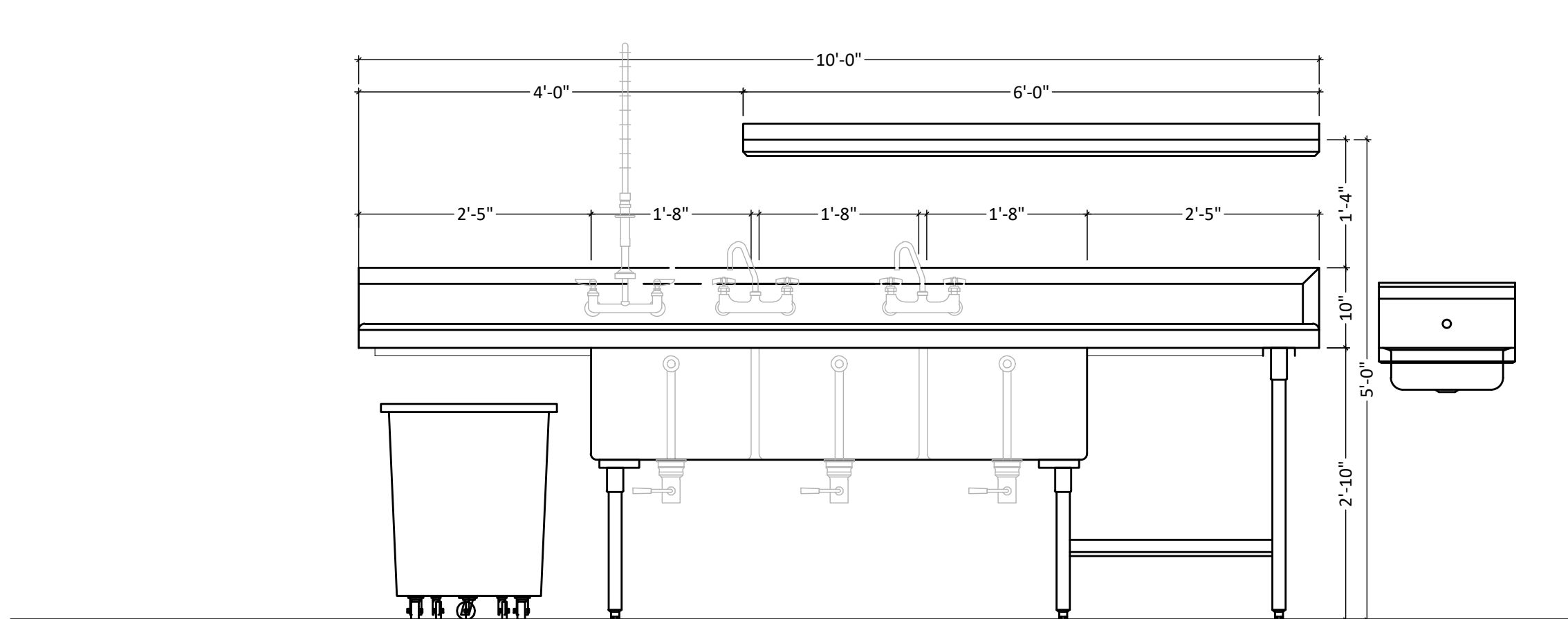
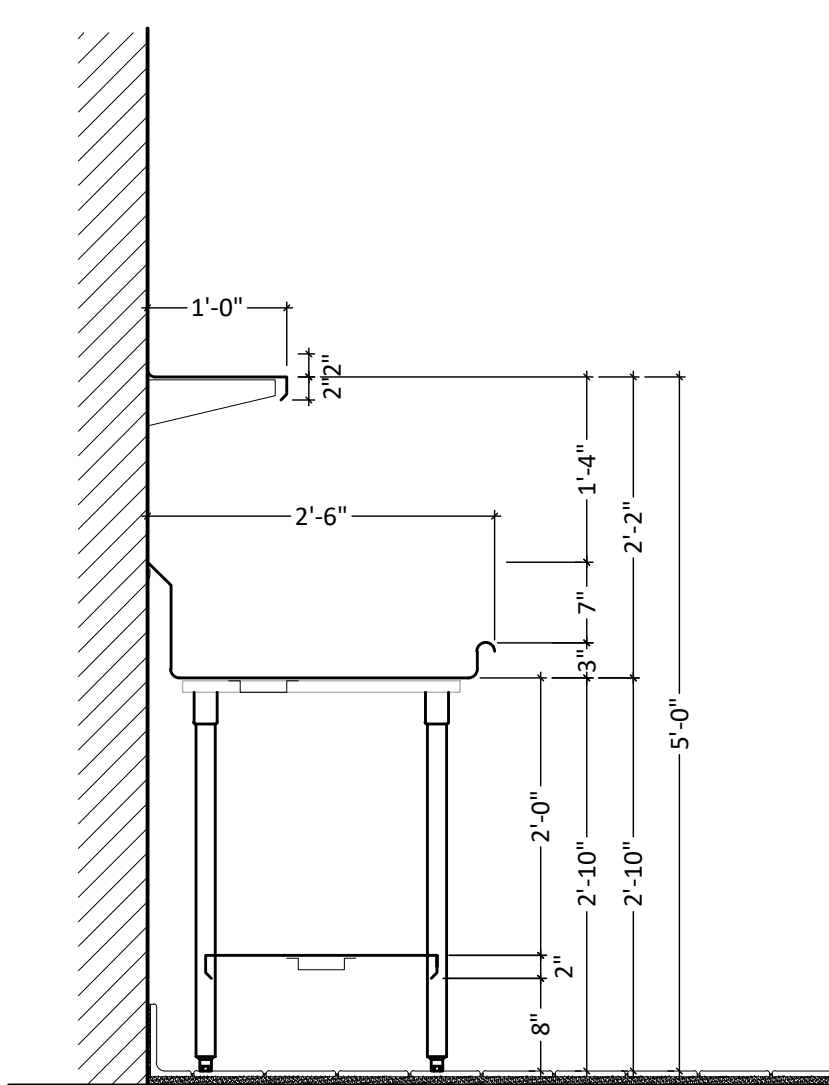
SCALE
3/4" = 1'-0"

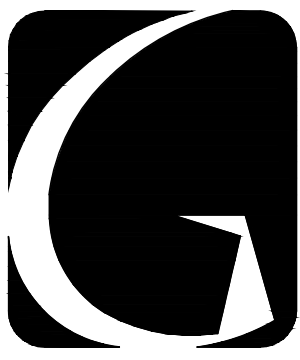
J

ITEM# 45 - THREE COMPARTMENT SINK

SCALE
3/4" = 1'-0"

I





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CHESTERTON, INDIANA

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PROJECT
21-139
DATE
02/07/2022
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DRAWN BY
JUN
CHECKED BY
RDG

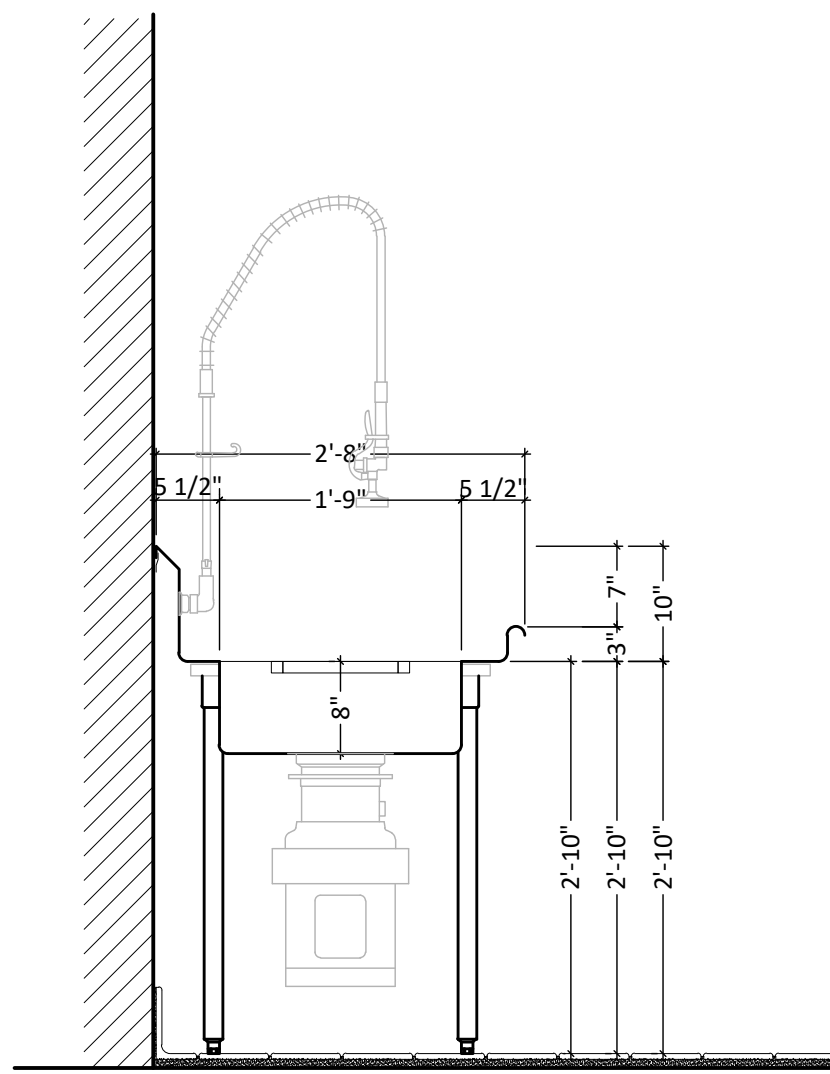
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	03/03/22	ADDENDUM #3

DRAWING
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DETAILS, ELEVATIONS &
SECTIONS**

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ADDITIONS & RENOVATIONS

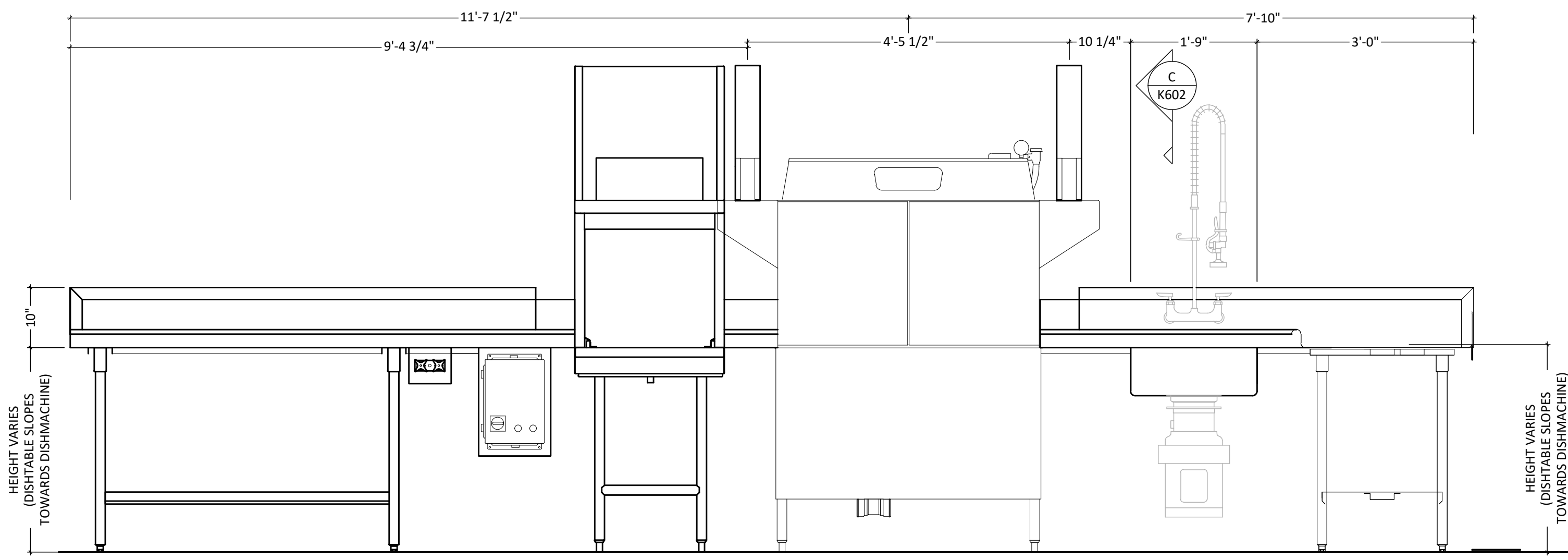
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SECTION @ SOILED DISHTABLE

SCALE
3/4" = 1'-0"

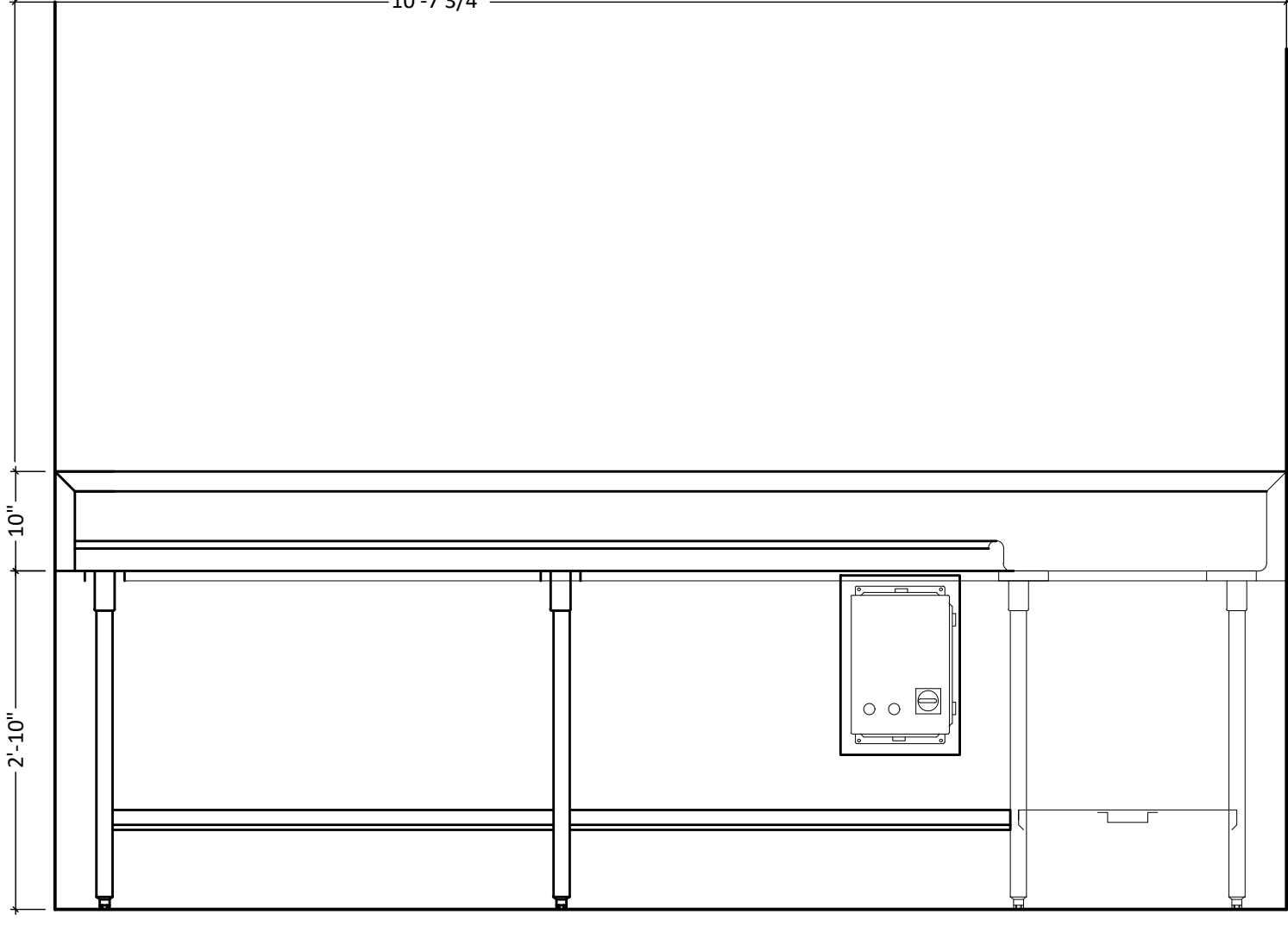
C



ITEM #50 & 55 - CLEAN & SOILED DISHTABLE

SCALE
3/4" = 1'-0"

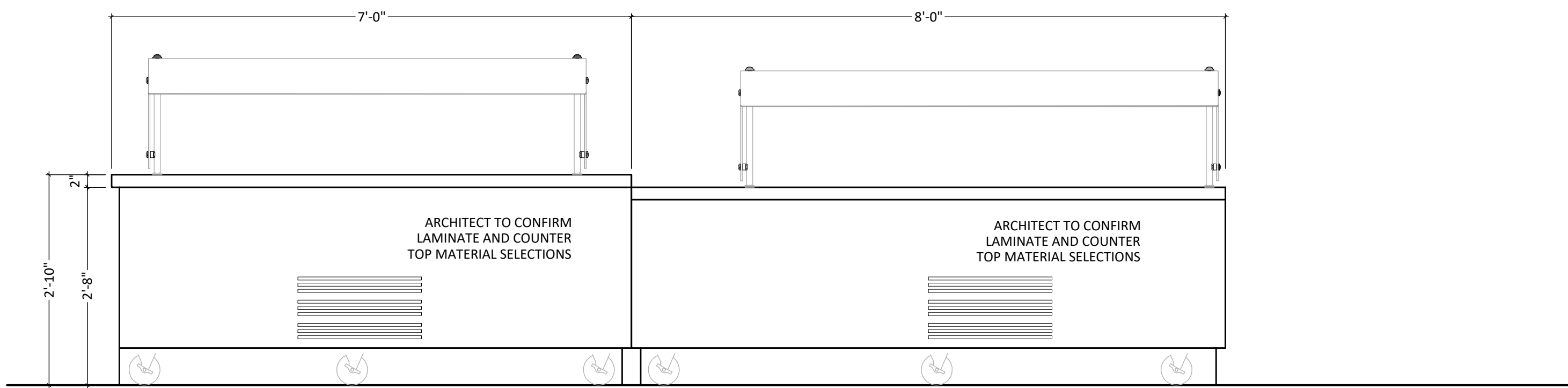
B



ITEM #50 - SOILED DISHTABLE

SCALE
3/4" = 1'-0"

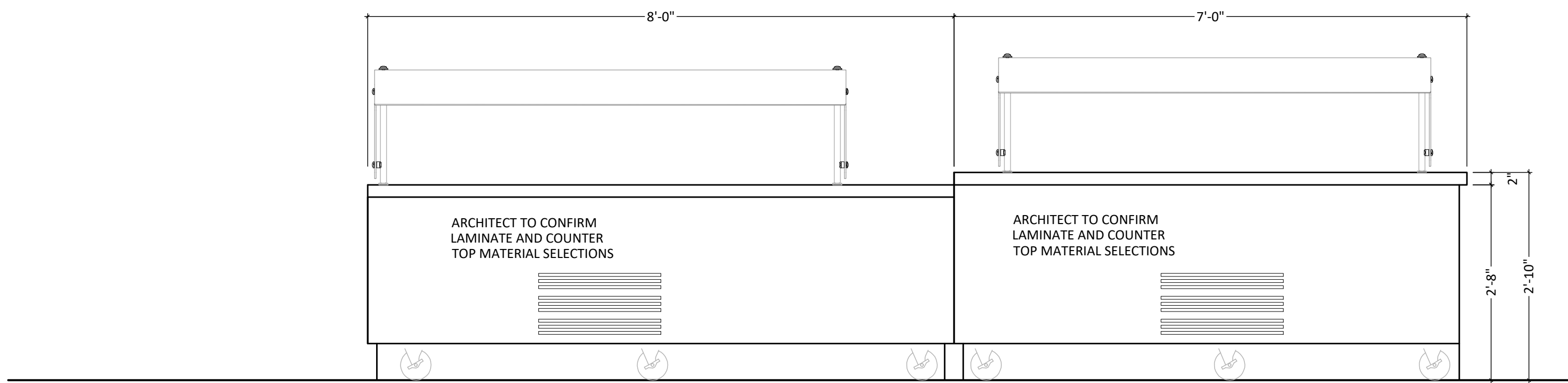
A



ITEM# 69, 72 & 75 - SERVING COUNTERS

SCALE
3/4" = 1'-0"

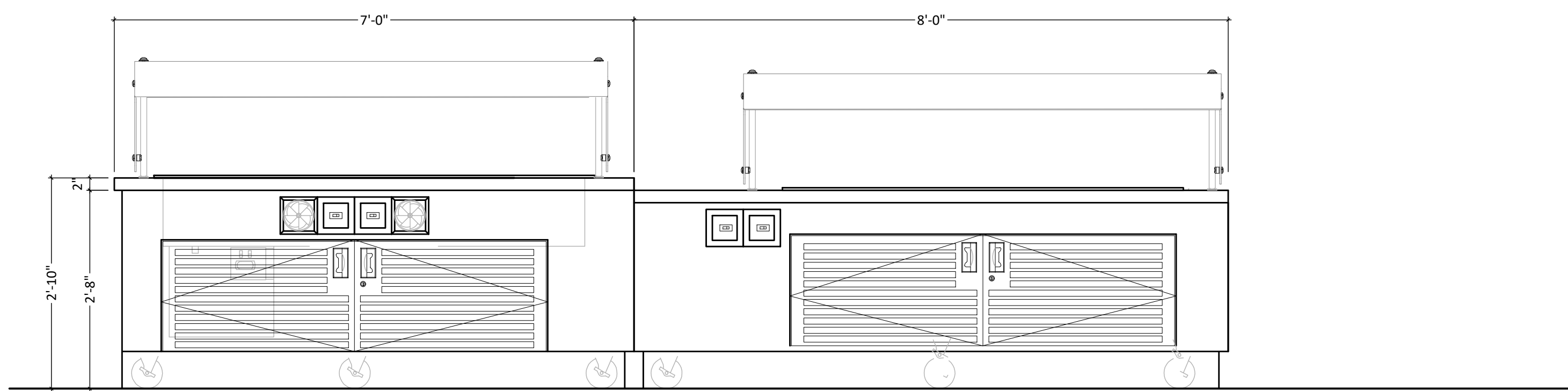
E



ITEM# 79, 82 & 85 - SERVING COUNTERS

SCALE
3/4" = 1'-0"

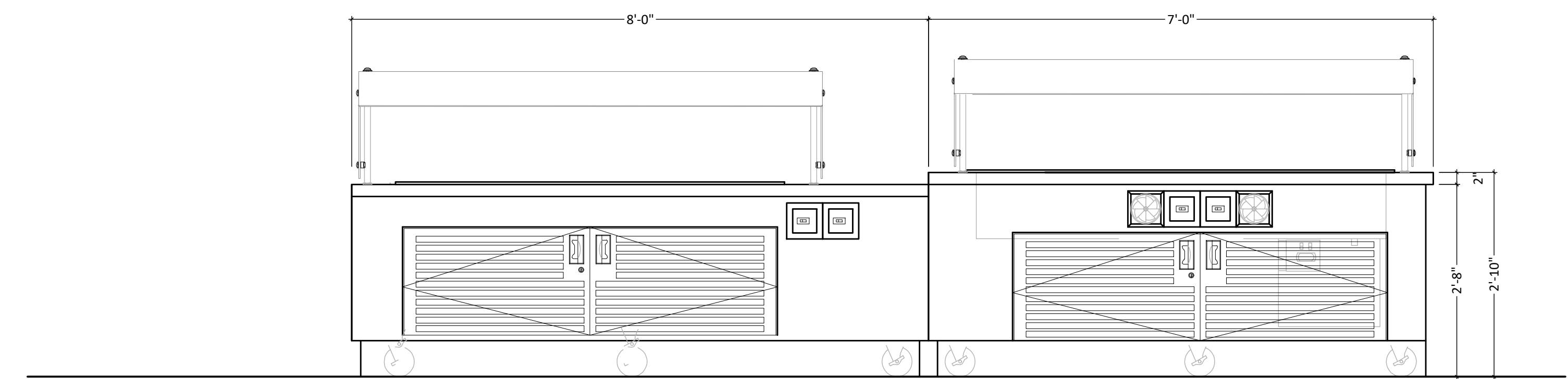
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ITEM# 79, 82 & 85 - SERVING COUNTERS

SCALE
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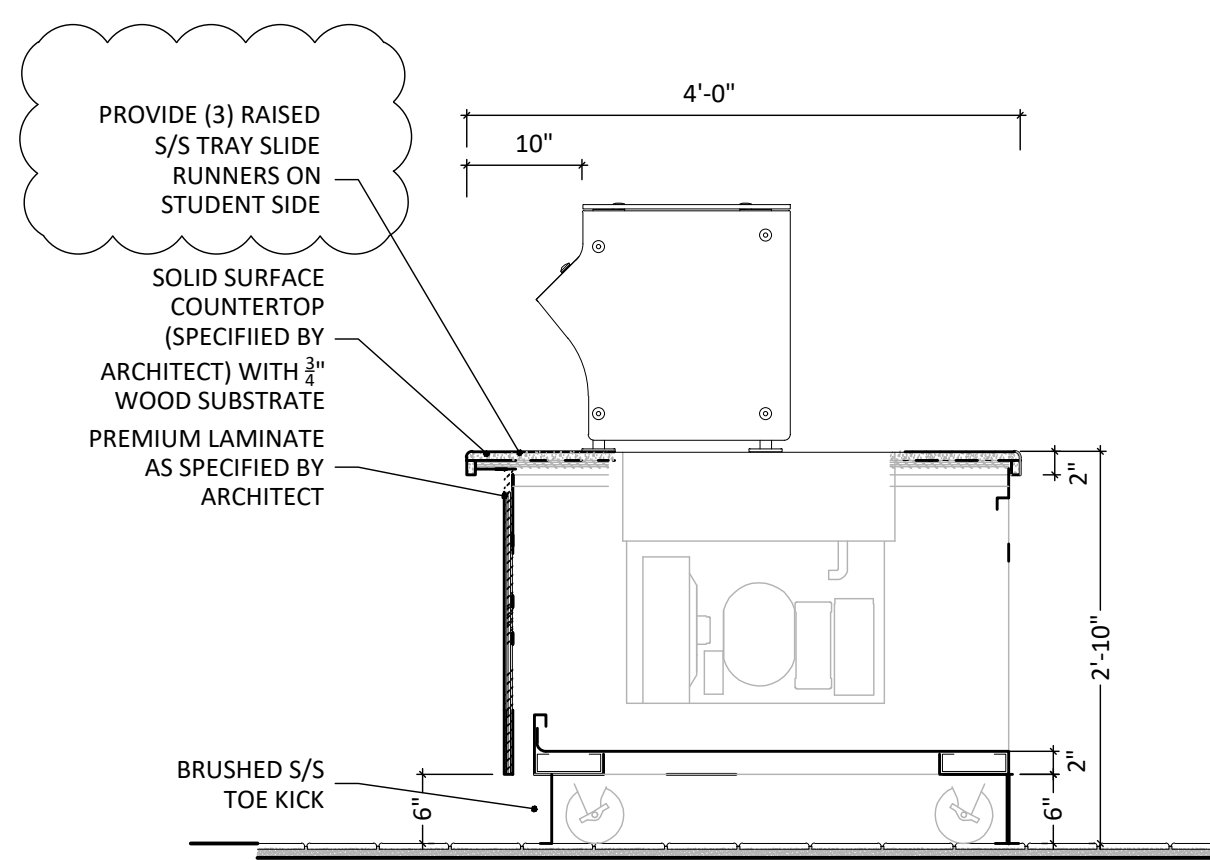
G



ITEM# 69, 72 & 75 - SERVING COUNTERS

SCALE
3/4" = 1'-0"

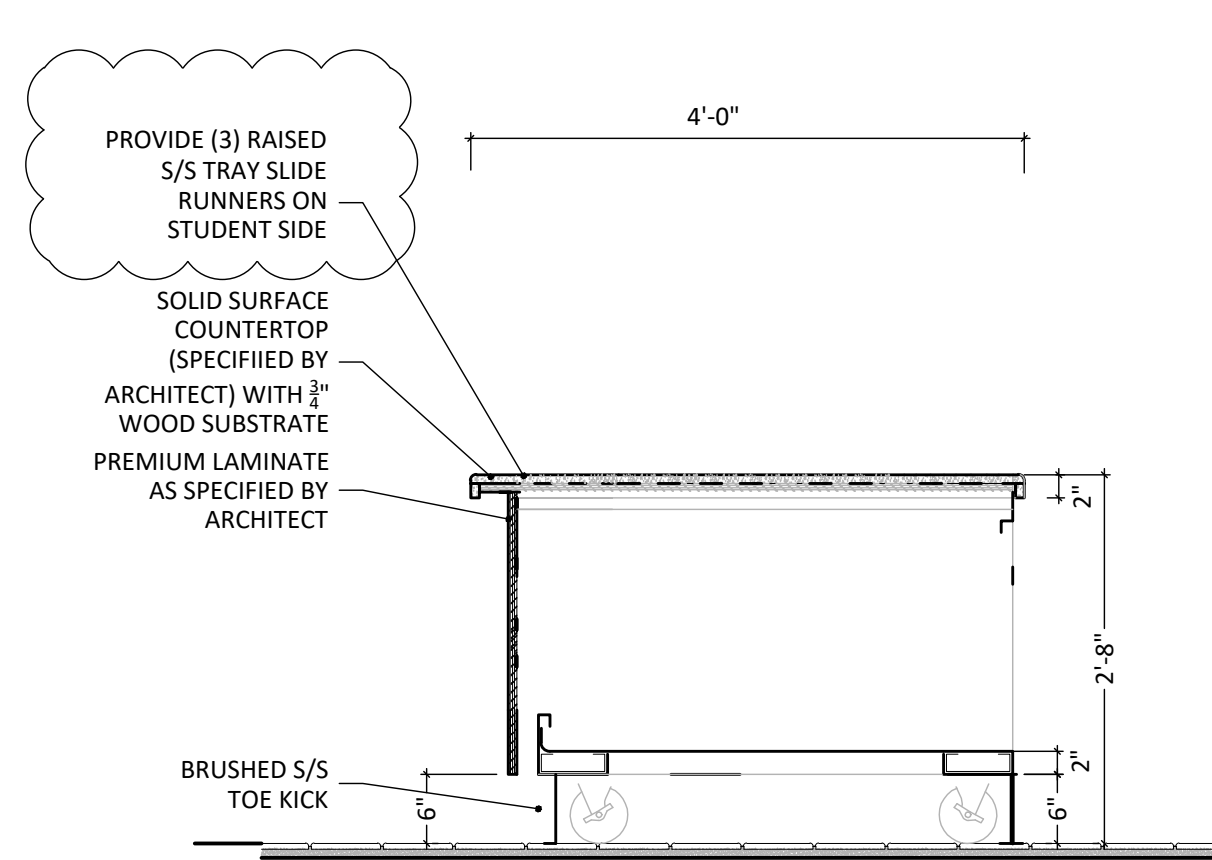
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SECTION @ QUICK SWITCH WELLS

SCALE
3/4" = 1'-0"

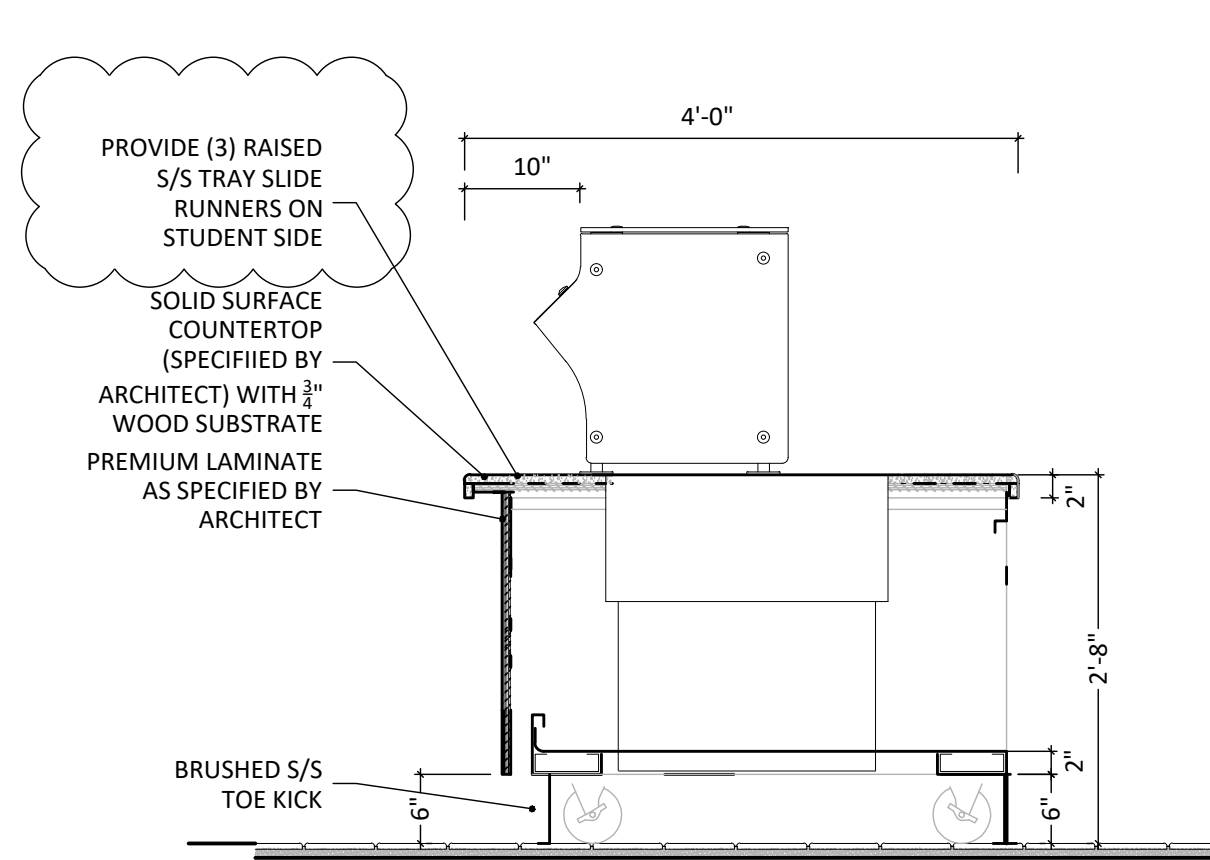
J



SECTION @ DRY GOODS COUNTER

SCALE
3/4" = 1'-0"

I



SECTION @ COLD WELL

SCALE
3/4" = 1'-0"

H

Wednesday, 3/2/2022 - 5:09 PM - LAST SAVED BY: JONATHAN NIKEL
G:\SHARED DRIVES\RDG PROJECT DATA\RDG PROJECT
FOLDER (2021)\2021-026 - GIBALTAR - TIMOTHY BALL
ELEMENTARY\3. DRAWINGS\K. CAD\21-026-ELEV.DWG

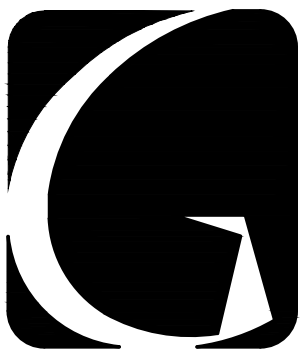
SYMBOLS/ABBREVIATIONS			
SYMBOL	DESCRIPTION	ABBREVIATIONS	DESCRIPTION
	EXISTING DUCTWORK	AD	AUTOMATIC (MOTORIZED) DAMPER
	NEW DUCTWORK	AFF	ABOVE FINISHED FLOOR
	DUCTWORK TO BE REMOVED	AH	AIR HANDLING UNIT
	DUCT TRANSITION	BDD	BACKDRAFT DAMPER
	CAP EXISTING DUCTWORK AS REQUIRED	BJA	BETWEEN JOIST ABOVE
	NEW DUCTWORK TO TIE INTO EXISTING DUCTWORK	BO	BLANK OFF
	SQUARE TO ROUND TRANSITION	BRD	BAROMETRIC RELIEF DAMPER
	EXISTING DUCTWORK	CAI	COMBUSTION AIR INTAKE
	NEW DUCTWORK	CAT	CONDENSING AIR TEMPERATURE
	DUCTWORK TO BE REMOVED	CD	CONDENSATE DRAIN
	DUCT TRANSITION	CFM	CUBIC FEET PER HOUR
	CAP EXISTING DUCTWORK AS REQUIRED	CFM	CUBIC FEET PER MINUTE
	NEW DUCTWORK TO TIE INTO EXISTING DUCTWORK	CHWS	CHILLED WATER SUPPLY
	SUPPLY AIR DUCT DOWN	CHWR	CHILLED WATER RETURN
	SUPPLY AIR DUCT UP	CS	CIRCUIT SETTER
	RETURN OR EXHAUST DUCT DOWN	CTE	CONNECT TO EXISTING
	RETURN OR EXHAUST DUCT UP	CU	CONDENSING UNIT
	VAV W/ HOT WATER REHEAT COIL	DN	DOWN
	RETURN OR EXHAUST REGISTER	DN	DISCONNECT SWITCH
	SUPPLY AIR DIFFUSER	DX	DIRECT EXPANSION
	FLEXIBLE DUCTWORK	EAT	ENTERING AIR TEMPERATURE
	FLEXIBLE DUCTWORK	EC	ELECTRICAL CONTRACTOR
	AUTOMATIC (MOTORIZED) DAMPER	EDB	ENTERING DRY BULB TEMPERATURE
	FIRE - SMOKE DAMPER	ERV	ENERGY RECOVERY VENTILATOR
	SEE SCHEDULES	ESP	EXTERNAL STATIC PRESSURE
	SHEET NOTE	EVB	ENTERING WET BULB TEMPERATURE
	DUCT SMOKE DETECTORS PROVIDED BY UNIT MANUFACTURER	EUT	ENTERING WATER TEMPERATURE
	NON ADJUSTABLE THERMOSTAT	EX	EXISTING
	COMBINATION NON ADJUSTABLE THERMOSTAT/CO2 SENSOR	EXH	EXHAUST
	DUCT MOUNTED CARBON DIOXIDE SENSOR	FC	FLEXIBLE CONNECTION
	HUMIDISTAT	FD	FIRE DAMPER
	THERMOSTAT - ADJUSTABLE	FMS	FACILITY MANAGEMENT SYSTEM
	WALL MOUNTED THERMOSTAT 48" AFF AND SEPARATE CO2 SENSOR - CLG. MTD. OR WALL MTD. (ABOVE 84" AFF)	G	NATURAL GAS
	REVERSE ACTING THERMOSTAT	GEF	GENERAL EXHAUST FAN
	THERMOSTAT W/ COVER GUARD	GPM	GALLONS PER MINUTE
	COMBINED THERMOSTAT/HUMIDISTAT	H	HOOD
	CONDENSATE DRAIN	HP	HORSE POWER
	HOT WATER SUPPLY PIPING	HWS	HOT WATER SUPPLY
	HOT WATER RETURN PIPING	HWR	HOT WATER RETURN
	CHILLED WATER SUPPLY PIPING	HZ	HERTZ
	CHILLED WATER RETURN PIPING	IH	OUTSIDE AIR INTAKE HOOD
	GAS PIPING	KEF	KITCHEN EXHAUST FAN
	REFRIGERANT PIPE	L	LIQUID
	PIPING SLOPED DOWN	LAT	LEAVING AIR TEMPERATURE
	PIPING TO BE REMOVED	LDB	LEAVING DRY BULB TEMPERATURE
	EXISTING PIPING	LV	LOUVER
	PIPE TURNED UP	LWB	LEAVING WET BULB TEMPERATURE
	PIPE TURNED DOWN	LWT	LEAVING WATER TEMPERATURE
	PIPE EXPANSION	M/A	MIXED AIR
	PIPE EXPANSION GUIDE	MC	MECHANICAL CONTRACTOR
	PIPE EXPANSION ANCHOR	MD	MANUAL DAMPER
	GAS METER	MOD	MODULATING
	GAS SOLENOID VALVE	NC	NORMALLY CLOSED
	UNION	NK	NECK
	CIRCUIT SETTER	NO	NORMALLY OPEN
	SHUT-OFF VALVE	NTS	NOT TO SCALE
	GAS COCK	O/A	OUTSIDE AIR
	SHUT-OFF VALVE IN RISER	OAI	OUTSIDE AIR INTAKE
	CHECK VALVE	OPD	OPPOSED BLADE DAMPER
	STRAINER	PRV	PRESSURE REDUCING VALVE
	PRESSURE REDUCING VALVE	PS	PRESSURE SENSOR
	2-WAY AUTOMATIC VALVE	PSI	POUNDS PER SQUARE INCH
	3-WAY AUTOMATIC VALVE	R/A	RETURN AIR
	PRESSURE REGULATOR	RFM	REVOLUTIONS PER MINUTE
	CONTROL VALVE	RT	ROOFTOP UNIT
	TRIPLE DUTY VALVE	S	SUCTION
	FLOW SWITCH	S/A	SUPPLY AIR
	RELIEF VALVE	SFD	SMOKE-FIRE DAMPER
	GRISWOLD VALVE	SHC	SENSIBLE HEAT CAPACITY
	MANUAL AIR VENT	SL	SILENCER
	THERMOSTAT	ΔT	TEMPERATURE DIFFERENCE
	PRESSURE GAUGE	T/A	TRANSFER AIR
		TC	TEMPERATURE CONTROL
		TEF	TOILET EXHAUST FAN
		TJA	THRU JOIST ABOVE
		TSP	TOTAL STATIC PRESSURE
		TYP	TYPICAL
		UD	UNDERCUT DOOR
		UH	UNIT HEATER
		V	VENT
		VAV	VARIABLE AIR VOLUME
		VFD	VARIABLE FREQUENCY DRIVE
		WC	WATER COLUMN
		WPD	WATER PRESSURE DROP

AD-3

GENERAL NOTES

- WORK SHALL COMPLY WITH LOCAL, MUNICIPAL, AND STATE HVAC CODES.
- COMMISSIONING: THE OWNER WILL HIRE A COMMISSIONING AGENCY (CXA) TO COMMISSION THE MECHANICAL SYSTEMS FOR THIS PROJECT. THE CXA WILL DEVELOP A COMMISSIONING PLAN THAT WILL OUTLINE THE REQUIREMENTS AND PROCEDURES FOR EACH COMMISSIONED SYSTEM AND WILL BE RESPONSIBLE THAT THE COMMISSIONING MEETS THE REQUIREMENTS OF THE CURRENT ENERGY CODE. THE COMMISSIONING PLAN WILL BE DEVELOPED AFTER CONTRACTS HAVE BEEN AWARDED AND PRIOR TO COMPLETION OF THE SYSTEMS TO BE COMMISSIONED.
- THE SCOPE OF WORK SPECIFIED HEREIN AND IN THE SPECIFICATIONS SHALL BE PERFORMED UNDER THE DIRECTION OF A CONSTRUCTION MANAGER. REFER TO THE CONSTRUCTION MANAGER'S INSTRUCTIONS AND DIRECTIONS FOR DETAILS RELATING TO THE EXACT SCOPE OF EACH TRADE. ANY DISCREPANCIES BETWEEN THE CONSTRUCTION DOCUMENTS AND CONSTRUCTION MANAGER'S DIRECTIONS SHALL BE BROUGHT TO THE ATTENTION OF THE ARCHITECT/ENGINEER FOR CLARIFICATION. THE ARCHITECT/ENGINEER'S DECISION SHALL BE FINAL.
- LAYOUT IS DIAGRAMMATIC AND CONTRACTOR SHALL INSTALL DUCTWORK, PIPING AND EQUIPMENT TO MEET ACTUAL FIELD CONDITIONS. REVIEW PROJECT SPECIFICATIONS BEFORE STARTING ANY WORK. SUBMIT SHOP DRAWINGS OF WORK AS PER SPECIFICATIONS.
- LAYOUT WORK TO AVOID CONFLICTS BETWEEN DUCTWORK, LIGHTING, CEILING, PIPING AND BUILDING STRUCTURE.
- COORDINATE EQUIPMENT ELECTRICAL REQUIREMENTS (VOLTAGE, PHASE, LOAD, ETC.) BEFORE ORDERING ANY EQUIPMENT.
- SOME CEILING SPACES ARE RETURN AIR FLENUMS AS INDICATED ON PLANS. EXAMINE FLENUM BEFORE CEILING IS INSTALLED (OR REPLACED) AND COORDINATE THE SEALING OF OPENINGS AROUND PIPING, DUCTWORK, CONDUIT, ETC. AND OPENINGS TO OUT-OF-DOORS AND ADJACENT SPACES. COORDINATE THE INSTALLATION OF PARTITIONS/DIVIDERS WITHIN CEILING SPACE AS REQUIRED TO CONFINE RETURN FLENUM TO AREAS INDICATED.
- COORDINATE EXACT LOCATION OF CEILING REGISTERS, GRILLES AND DIFFUSERS WITH LIGHTING LAYOUT, SPRINKLER HEADS, AND CEILING GRID. SEE ARCHITECTURAL REFLECTED CEILING PLAN. VERIFY EXACT LOCATION IN FIELD PRIOR TO INSTALLATION. VERIFY CEILING STYLES AND TYPES BEFORE ORDERING REGISTERS, GRILLES AND DIFFUSERS. PROVIDE APPROPRIATE FRAME STYLES AS REQUIRED TO MATCH CEILING STYLE AND TYPES. SET ADJUSTABLE BLADES AS REQUIRED FOR OPTIMUM AIR PATTERN AND TO PREVENT DRAFTS. THE MINIMUM DISTANCE BETWEEN SUPPLY DIFFUSERS/REGISTERS AND SMOKE OR HEAT DETECTORS IS TO BE A MINIMUM OF 3'. COORDINATE WITH FIRE ALARM SYSTEM AS REQUIRED.
- ROUTE DUCTWORK AS HIGH AS POSSIBLE TO AVOID CONFLICTS WITH OTHER TRADES. ROUTE DUCTWORK BETWEEN AND THROUGH JOIST SPACES AND BETWEEN LIGHT FIXTURES AS REQUIRED. VERIFY CONDITIONS AND DUCTWORK ROUTING IN FIELD PRIOR TO INSTALLATION.
- DUCTWORK, PIPING, EQUIPMENT, ETC. SHALL NOT BE SUPPORTED FROM THE BOTTOM CHORD OF ENGINEERED JOISTS WITHOUT WRITTEN APPROVAL FROM THE STRUCTURAL ENGINEER.
- FLEXIBLE DUCTWORK SHALL BE UL LABELED FOR USE IN RETURN AIR FLENUM. ACOUSTICAL FLEXIBLE DUCTWORK AT THE INLET TO AIR DIFFUSERS MAY BE USED. FLEXIBLE CONNECTIONS SHALL BE 5'-0" MAXIMUM LENGTH, AND SHALL BE SUPPORTED WHERE REQUIRED TO PREVENT MOVEMENT.
- PROVIDE MANUAL BALANCING DAMPERS AT EACH SUPPLY AIR DUCT AND EACH LOW PRESSURE SUPPLY AIR, RETURN AIR AND EXHAUST DUCTWORK TAKE-OFF INCLUDING TAKE-OFFS TO EACH AIR DISTRIBUTION DEVICE. DAMPERS SHALL HAVE LOCKING ADJUSTMENT REGULATORS WITH SPRING LOADED END BEARINGS. INSTALLATION SHALL BE BATTLE FREE. BE RESPONSIBLE FOR LOCATING BALANCING DEVICES AND COORDINATE LOCATIONS FOR TESTING AND BALANCING.
- TRANSFER AIR RETURN GRILLES TO CEILING RETURN FLENUM ARE TO BE PROVIDED WITH A 90 DEGREE MITERED ELBOW ACOUSTICALLY LINED WITH 1/2" THICK DUCT LINER. SEE DETAIL ON PLANS.
- RETURN AIR OPENINGS AND TRANSFER AIR OPENINGS IN CEILING FLENUMS ARE TO BE COVERED BY 1/2" X 1/2" SCREEN MESH. PROVIDE ADDITIONAL TRANSFER AIR OPENINGS THROUGH WALLS DIVIDING CEILING RETURN FLENUMS. TRANSFER AIR OPENINGS TO BE SIZED FOR A MAXIMUM VELOCITY OF 500 FPM AT PEAK CONDITIONS. PROVIDE FIRE OR SMOKE/FIRE DAMPERS IN OPENINGS AS NECESSARY.
- LOCATE VAV BOXES IN ACCESSIBLE LOCATIONS. ARRANGE CONTROLS OF VAV BOX AS REQUIRED FOR MAXIMUM ACCESSIBILITY. PROVIDE ACCESS DOORS WHEN REQUIRED. MEDIUM PRESSURE DUCTWORK TAKE-OFFS TO VAV BOXES SHALL BE MADE WITH 45 DEGREE TAKE-OFF FITTINGS, CONICAL FITTINGS, AND/OR ENLARGED ENTRANCE LOW-LOSS TAKE-OFF FITTINGS. PROVIDE MINIMUM 2'-0" STRAIGHT INLET DUCT UPSTREAM OF VAV BOXES. PROVIDE DUCTWORK TRANSITION FROM VAV BOX OUTLET TO DUCT SIZE DOWNSTREAM OF VAV BOX INDICATED ON PLAN.
- BAROMETRIC RELIEF DAMPERS TO BE EQUIVALENT TO AMERICAN WARMING MODEL BD-52 LOW LEAKAGE DAMPERS SET AT 2.05" SP.
- VERIFY EXACT THERMOSTAT AND SENSOR LOCATIONS IN FIELD PRIOR TO ROUGH-IN OR INSTALLATION. CONTROL WIRING TO BE ROUTED IN CONDUIT.
- PROVIDE AGA APPROVED GAS REGULATOR AT EQUIPMENT REQUIRING LOWER GAS PRESSURE THAN PROVIDED, INCLUDING PIPING BRANCHES SERVING EXISTING EQUIPMENT AND APPLIANCES TO REMAIN. EXISTING GAS REGULATOR VENTS LINE SIZE TO ATMOSPHERE AS REQUIRED. DO NOT COMBINE VENT LINES.
- REFRIGERANT PIPING INSTALLATION INCLUDING SIZING IS TO BE AS PER MANUFACTURER'S RECOMMENDATIONS FOR THE ACTUAL FIELD ROUTING AND FOR THE EQUIPMENT PROVIDED. PROVIDE ALL SUCTION LINE TRAPS, SOLENOID VALVES, SIGHT GLASSES AND FILTER/DRYERS AS PER EQUIPMENT MANUFACTURER'S RECOMMENDATIONS.
- COORDINATE PHASING OF WORK AND PROVIDE TEMPORARY EQUIPMENT, DUCTWORK AND PIPING AS REQUIRED FOR THE IMPLEMENTATION OF WORK WHILE MAINTAINING SERVICES TO PORTIONS OF BUILDING TO REMAIN OCCUPIED.
- SCHEDULE WORK TO AVOID DOWNTIME AND INCONVENIENCE TO OWNER. OWNER'S EXISTING FACILITY SHALL REMAIN IN OPERATION AT ALL TIMES. REQUIRED SHUTDOWN OF EXISTING UTILITIES SHALL BE SCHEDULED WITH OWNER'S OPERATING PERSONNEL. NOTIFY OWNER'S REPRESENTATIVE 48 HOURS IN ADVANCE PRIOR TO ANY SHUTDOWN OF EXISTING MECHANICAL SYSTEMS.
- VISIT SITE PRIOR TO BIDDING TO FULLY DETERMINE FIELD CONDITIONS AND TO VERIFY EXISTING MECHANICAL SYSTEMS INCLUDING QUANTITIES AND LOCATIONS TO DETERMINE THE FULL EXTENT OF NEW AND DEMOLITION WORK.
- COORDINATE NEW INSTALLATIONS WITH EXISTING SYSTEMS. ANY EXISTING CONDUIT, PIPING, DUCTWORK, EQUIPMENT, ETC. SHALL BE REWORKED AS REQUIRED TO AVOID CONFLICTS WITH THE INSTALLATION OF THE NEW MECHANICAL SYSTEMS. NO EXTRAS WILL BE ALLOWED AFTER BIDDING FOR ANY REWORK OF EXISTING FIELD CONDITIONS TO RESOLVE ANY CONFLICTS OR NOT FULLY UNDERSTANDING THE SCOPE OF THE WORK REQUIRED. EXISTING EQUIPMENT, DUCTWORK, PIPING, ETC. SHALL BE REMOVED AS NOTED ON DRAWINGS AND AS REQUIRED TO MEET SCOPE OF NEW WORK.
- EXISTING INFORMATION IDENTIFIED ON THE CONTRACT DOCUMENTS IS SCHEMATIC ONLY. BE RESPONSIBLE TO PROPERLY ADDRESS EXISTING CONDITIONS FOR A COMPLETE AND PROPER INSTALLATION OF NEW SYSTEMS. EXISTING EQUIPMENT NOT IDENTIFIED SHALL BE REVIEWED AS TO WHETHER THE EQUIPMENT SHALL REMAIN AND BE RECONNECTED TO THE NEW SERVICES, BE RELOCATED, BE ABANDONED, ETC.
- ANY HIDDEN CONDITIONS IDENTIFIED THROUGH THE COURSE OF CONSTRUCTION SHALL BE IMMEDIATELY REPORTED IN WRITTEN FORM FOR REVIEW AND DIRECTION. OTHERWISE, BE RESPONSIBLE FOR ANY AND REQUIRED CHANGES AND COSTS TO CORRECT SAID HIDDEN CONDITION.
- REMOVE EXISTING EQUIPMENT, PIPING, DUCTWORK, ETC. PRESENTLY SERVING AREAS THAT ARE BEING RENOVATED AND THAT ARE NOT REQUIRED TO STAY IN SERVICE. NO EQUIPMENT, DUCTWORK PIPING, SUPPORTS, HANGERS, ETC. IS TO BE LEFT ABANDONED. VERIFY QUANTITY, LOCATION AND ELEVATION OF EXISTING TO BE REMOVED IN FIELD. REMOVE EXISTING ABANDONED EQUIPMENT, DUCTWORK AND PIPING IN AREAS THAT ARE TO BE RENOVATED.

- REMOVED DUCTWORK, PIPING AND CONTROLS ARE TO BE TERMINATED PROPERLY BACK TO EXISTING MAINS. PATCH AND SEAL EXISTING DUCTWORK AIRTIGHT. CAP PIPING WATERTIGHT. PROVIDE ADDITIONAL DUCTWORK, PIPING AND CONTROLS AS REQUIRED TO MAINTAIN CONTINUITY OF EXISTING SYSTEMS MODIFIED DUE TO REMOVAL OF PORTION OF SYSTEMS. REPAIR DAMAGED DUCTWORK AND PIPING INSULATION DUE TO NEW INSTALLATION WORK.
- CAPTURE EXISTING REFRIGERANT FROM EXISTING REFRIGERANT PIPING AS REQUIRED AND REUSE OR DISPOSE OF IN A LEGAL MANNER.
- EXISTING EQUIPMENT SHALL REMAIN PROPERTY OF THE OWNER AND OWNER SHALL DETERMINE IF EQUIPMENT IS TO BE STORED ON SITE AT OWNER SELECTED LOCATION OR IF EQUIPMENT IS TO BE ABANDONED OR REMOVED FROM SITE.
- PATCH EXISTING CEILING, FLOOR, WALL AND ROOF OPENINGS AND SURROUNDING FINISHES RESULTING FROM REMOVAL OF EXISTING MATERIALS AND EQUIPMENT SO THAT FINISH WILL MATCH EXISTING IN SURROUNDING AREAS. OPENINGS IN MASONRY WALLS RESULTING FROM REMOVED THERMOSTATS ARE TO BE COVERED WITH A BLANK STAINLESS STEEL COVER PLATE.
- PROVIDE AND INSTALL PVC PIPE FLENUM WRAP. TESTED TO UL 84 AND UL 98 FOR ALL EXISTING PVC PIPING IN NEW OR EXISTING RETURN AIR CEILING FLENUMS.
- PROVIDE FINISHING OF EXISTING CEILING, FLOOR AND WALL SURFACES AT LOCATIONS AFFECTED BY REMOVAL OF EXISTING MATERIALS AND EQUIPMENT SO THAT NEW FINISH WILL MATCH EXISTING IN SURROUNDING AREAS.
- REMOVE EXISTING CEILING AND LIGHT FIXTURES REQUIRED FOR INSTALLATION OF NEW WORK. REINSTALL CEILING AND LIGHT FIXTURES UPON COMPLETION OF WORK. REPLACE DAMAGED CEILING MATERIALS TO MATCH EXISTING.
- PROVIDE CUTTING, CORE DRILLING AND PATCHING OF EXISTING WALLS AND ROOF CONSTRUCTIONS REQUIRED FOR THE INSTALLATION OF NEW DUCTWORK, PIPING AND EQUIPMENT. SEAL PENETRATIONS THROUGH WALL AND ROOF STRUCTURE WATERTIGHT AND WITH AN APPROVED FIRE STOPPING MATERIAL, INCLUDING APPROVED FIRE RATED SLEEVE.
- PROVIDE STEEL ANGLE SUPPORTS FOR NEW ROOFTOP EQUIPMENT AND SUPPORT RAILS/CURBS. PROVIDE STEEL ANGLE FRAMES AROUND DUCT PENETRATIONS. SECURELY ANCHOR SUPPORTS AND FRAMES TO EXISTING STEEL JOISTS AND BEAM. REWORK EXISTING ROOFING AND INSULATION AND FLASH INTO EXISTING ROOFING TO PROVIDE A WEATERTIGHT CONDITION AND TO MAINTAIN WARRANTY.
- PROVIDE STEEL LINTELS FOR NEW OPENINGS THROUGH EXISTING MASONRY WALLS AS REQUIRED. LINTELS TO BE AS FOLLOWS UNLESS NOTED OTHERWISE ON ARCHITECTURAL DRAWINGS: TWO (2) 3-1/2"x3-1/2"x3/8" ANGLES WITH 5/16" FLATES HIGHER THAN WALL THICKNESS. PROVIDE W8X10 WITH 5/16" PLATE FOR OPENINGS ABOVE 48" WIDE.
- WORK ON THE ROOF SHALL BE PERFORMED IN STRICT ACCORDANCE WITH THE EXISTING ROOFING MANUFACTURER'S RECOMMENDATIONS. ROOF WORK SHALL BE PERFORMED BY CERTIFIED INSTALLERS AS TO MAINTAIN THE EXISTING ROOF WARRANTY. PRIOR TO THE START OF ANY WORK ON THE ROOF, EXISTING ROOF SHALL BE INSPECTED AND CERTIFIED BY THE EXISTING ROOFING MANUFACTURER. ANY DEFICIENCIES WHICH OCCUR BETWEEN THE INITIAL AND FINAL INSPECTIONS SHALL BE CORRECTED AT NO COST TO THE OWNER. CORRECTIVE MEASURES SHALL BE PERFORMED BY CERTIFIED INSTALLERS TO MAINTAIN THE EXISTING ROOF WARRANTY.
- MOUNT NEW THERMOSTATS IN EXISTING SPACES AT LOCATIONS VACATED BY OLD THERMOSTAT WHEN POSSIBLE. REUSE EXISTING CONDUIT IF FOUND TO BE IN GOOD CONDITION.
- PROVIDE AN APPROVED SURFACE MOUNTED RACEWAY AS REQUIRED FOR INSTALLATION OF NEW THERMOSTATS ON EXISTING WALLS TO CONCEAL CONTROL WIRING. SUBMIT SAMPLE OF RACEWAY FOR REVIEW. COORDINATE ROUTING OF RACEWAYS WITH EXISTING BUILDING CONDITIONS AND ADJUST ROUTING TO AVOID CONFLICTS AND TO MINIMIZE THE AMOUNT OF EXPOSED SURFACE MOUNTED RACEWAY.
- REPAIR AND/OR REPLACE DAMAGED PIPE INSULATION THAT OCCURS AS THE RESULT OF THIS CONSTRUCTION.
- MINIMUM SIZE FOR HOT WATER HEATING SUPPLY AND RETURN PIPING TO BE 3/4".
- DRAIN AND REFILL EXISTING PIPING SYSTEMS AS REQUIRED FOR INSTALLATION OF NEW WORK. PROVIDE CHEMICAL TREATMENT, GLYCOL/ANTI-FREEZE MIXTURE FOR WATER PIPING SYSTEM ACCORDING TO OWNER'S REQUIREMENTS AFTER SYSTEM IS FILLED AND VENTED. PROPERLY VENT PIPING SYSTEMS.
- PROVIDE CONCRETE EQUIPMENT PADS FOR EQUIPMENT INDICATED ON DRAWINGS. COORDINATE LOCATIONS BEFORE INSTALLATION. PADS ARE TO BE DESIGNED WITH REINFORCEMENT TO HANDLE THE WEIGHT OF THE EQUIPMENT BEING SUPPORTED. EXTERIOR CONCRETE PADS TO BE PROVIDED WITH FROST WALLS (MINIMUM OF 4" BELOW GRADE).
- REMOVE WATERTIGHT 4" HIGH CONCRETE CURBS AROUND DUCTWORK AND PIPING FLOOR OPENINGS. MECHANICAL ROOMS LOCATED ABOVE FINISHED SPACES.
- REMOVE CONDENSATE PIPING FROM ROOF TOP HVAC UNITS, COOLING COIL, DRAIN PANS, CONDENSATE PUMPS, HUMIDIFIERS, FURNACES, ETC. AS REQUIRED TO ROOF, NEAREST DRAIN OR TO WHERE INDICATED ON DRAWINGS. THE PIPING IS TO BE THE SAME SIZE AS THE EQUIPMENT CONNECTION SIZE. PROVIDE TRAPS IN CONDENSATE PIPING PER EQUIPMENT MANUFACTURER'S RECOMMENDATIONS.
- PROVIDE CONDENSATE PUMPS, RECEIVERS, PIPING AND ELECTRICAL CONNECTIONS AS REQUIRED AT EQUIPMENT WHERE EQUIPMENT DRAINS CANNOT BE DRAINED BY GRAVITY DUE TO FIELD CONDITIONS.
- PROVIDE APPURTENANCES (IE. EXPANSION COMPENSATORS, FLEXIBLE CONNECTIONS, EXPANSION LOOPS, JUNCTION BOXES, ETC.) NECESSARY TO CROSS EXPANSION JOINTS IN BUILDING CONSTRUCTION WITH CONDUIT, PIPING, DUCTWORK, ETC. REFER TO ARCHITECTURAL DRAWINGS FOR LOCATION AND QUANTITY OF EXPANSION JOINTS.
- PROVIDE STRUCTURAL SUPPORT FOR FREE STANDING AND WALL MOUNTED PANELS, VFD'S, MOTOR STARTERS, ETC. IN MECHANICAL ROOMS AS REQUIRED.
- ADJUST NEW ROOF-TOP EQUIPMENT LOCATIONS BEING INSTALLED ON EXISTING ROOF LOCATIONS AS REQUIRED TO COORDINATE WITH EXISTING STRUCTURAL CONDITIONS. PROVIDE OUTSIDE AIR INTAKE EXTENSIONS WITH DUCTWORK SUPPORTS AS REQUIRED TO MAINTAIN MINIMUM 10 FEET CLEARANCE BETWEEN OAI OPENING AND ANY EXHAUST OR VENT LOCATION. EXISTING CEILING SPACES ARE MINIMAL HEIGHT. COORDINATE DUCTWORK INSTALLATION BETWEEN STRUCTURAL JOISTS, CEILING AND LIGHT FIXTURES AS REQUIRED. PROVIDE INCREASE HEIGHT ROOF CURBS AS REQUIRED TO DUCTWORK TRANSITIONS BETWEEN EXISTING STRUCTURAL COMPONENTS.
- PROVIDE VENT PIPING FROM ALL GAS PRESSURE REDUCING STATIONS. PIPING TO BE ROUTED TO THE EXTERIOR OF BUILDINGS AS REQUIRED. MULTIPLE RELIEFS ARE TO BE PIPED INDIVIDUALLY, NOT GROUPED TOGETHER IN A COMMON HEADER. THE PIPING IS TO BE SAME SIZE AS RELIEF CONNECTION TO EQUIPMENT. TERMINATION LOCATION TO MEET ALL CODE REQUIREMENTS AND BE APPROVED BY ARCHITECT.
- PROVIDE RELIEF VENT PIPING FOR REFRIGERATION EQUIPMENT. PIPING TO BE ROUTED TO THE EXTERIOR OF BUILDING AS REQUIRED. MULTIPLE RELIEFS ARE TO BE PIPED INDIVIDUALLY, NOT GROUPED TOGETHER IN A COMMON HEADER. THE PIPING IS TO BE SAME SIZE AS RELIEF CONNECTION TO EQUIPMENT. TERMINATION LOCATION TO MEET CODE REQUIREMENTS AND BE APPROVED BY ARCHITECT.
- PROVIDE A WATERTIGHT SHEET METAL DRIP PAN OVER ELECTRICAL EQUIPMENT INSTALLED UNDER OR NEAR PIPING SYSTEMS. DRIP PAN TO EXTEND MINIMUM 3' OVER FRONT AND SIDES OF ELECTRICAL EQUIPMENT AND BE PITCHED AT A MINIMUM 30 DEGREE ANGLE. SEAL DRIP PAN WATERTIGHT TO WALL.
- REMOVE EXISTING DOORS AND PORTIONS OF WALLS, CEILING, ETC. AS REQUIRED TO INSTALL NEW MATERIAL AND EQUIPMENT IN EXISTING LOCATIONS. REBUILD WALLS, CEILING AND REINSTALL EXISTING DOORS AS REQUIRED AFTER INSTALLATION OF NEW MATERIAL AND EQUIPMENT. PATCH AND FINISH TO MATCH EXISTING.
- PROVIDE ROOF PIPING SUPPORTS FOR PIPING ROUTED ALONG ROOF. SINGLE PIPE SUPPORTS TO BE EQUIVALENT TO PORTABLE PIPE HANGER, INC. TYPE PP-10 ROLLER GUIDE SUPPORT. MULTIPLE PIPE SUPPORTS TO BE EQUIVALENT TO PORTABLE PIPE HANGER, INC. TYPE PP-10 CHANNEL GUIDE SUPPORT. SUPPORTS ARE TO BE INSTALLED AS PER MANUFACTURER'S RECOMMENDATIONS. SUPPORTS TO BE COMPATIBLE WITH AND MAINTAIN THE INTEGRITY (AND EXISTING WARRANTY IF APPLICABLE) OF THE EXISTING OR NEW ROOF SYSTEM.



GIBALTAR
DESIGN

ARCHITECTURE • ENGINEERING • INTERIOR DESIGN



PROJECT

TIMOTHY BALL ES ADDITION AND RENOVATIONS

CROWN POINT COMMUNITY
SCHOOL CORPORATION
CROWN POINT, INDIANA

GIBALTAR DESIGN

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PROJECT

21-112

DATE

02/07/21

COORDINATED BY

SM

DRAWN BY

KS

CHECKED BY

DJ

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REVISIONS

MARK

DATE

ISSUED FOR

AD-3 03/03/22 ADDENDUM NO. 3

DRAWING

MECHANICAL NOTES,

SYMBOLS &

ABBREVIATIONS

PROJECT

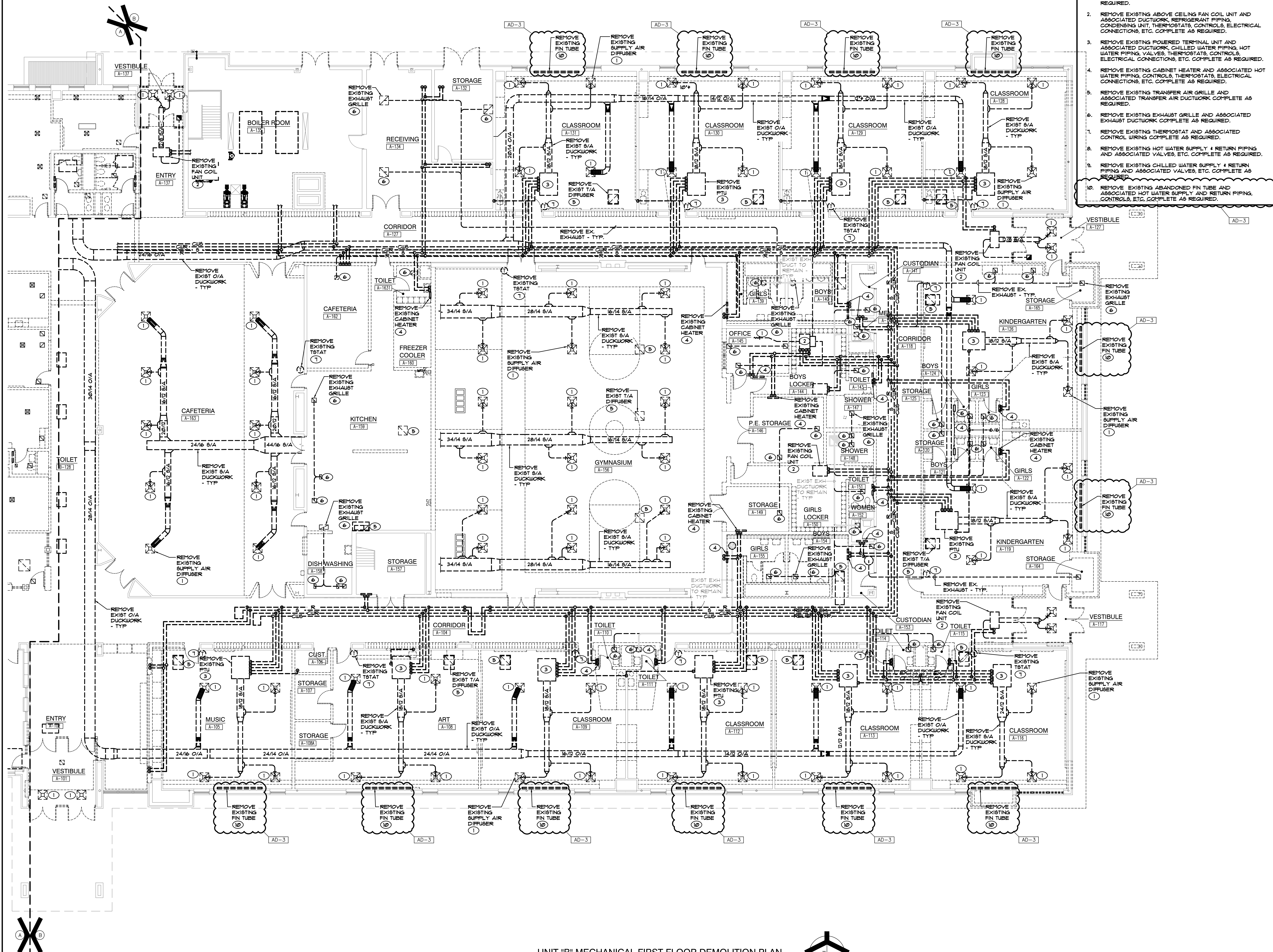
TIMOTHY BALL ES ADDITIONS AND

RENOVATIONS

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SHEET

M-001



SHEET NOTES

1. REMOVE EXISTING SUPPLY AIR DIFFUSER AND ASSOCIATED SUPPLY AIR DUCTWORK COMPLETE AS REQUIRED.
2. REMOVE EXISTING ABOVE CEILING FAN COIL UNIT AND ASSOCIATED DUCTWORK, REFRIGERANT PIPING, CONDENSING UNIT, THERMOSTATS, CONTROLS, ELECTRICAL CONNECTIONS, ETC. COMPLETE AS REQUIRED.
3. REMOVE EXISTING POWERED TERMINAL UNIT AND ASSOCIATED DUCTWORK, CHILLED WATER PIPING, HOT WATER PIPING, VALVES, THERMOSTATS, CONTROLS, ELECTRICAL CONNECTIONS, ETC. COMPLETE AS REQUIRED.
4. REMOVE EXISTING CABINET HEATER AND ASSOCIATED HOT WATER PIPING, CONTROLS, THERMOSTATS, ELECTRICAL CONNECTIONS, ETC. COMPLETE AS REQUIRED.
5. REMOVE EXISTING TRANSFER AIR GRILLE AND ASSOCIATED TRANSFER AIR DUCTWORK COMPLETE AS REQUIRED.
6. REMOVE EXISTING EXHAUST GRILLE AND ASSOCIATED EXHAUST DUCTWORK COMPLETE AS REQUIRED.
7. REMOVE EXISTING THERMOSTAT AND ASSOCIATED CONTROL WIRING COMPLETE AS REQUIRED.
8. REMOVE EXISTING HOT WATER SUPPLY & RETURN PIPING AND ASSOCIATED VALVES, ETC. COMPLETE AS REQUIRED.
9. REMOVE EXISTING CHILLED WATER SUPPLY & RETURN PIPING AND ASSOCIATED VALVES, ETC. COMPLETE AS REQUIRED.
10. REMOVE EXISTING ABANDONED FIN TUBE AND ASSOCIATED HOT WATER SUPPLY AND RETURN PIPING, CONTROLS, ETC. COMPLETE AS REQUIRED.



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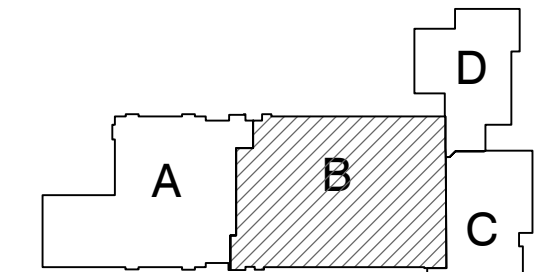
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PROJECT

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AND
RENOVATIONS**

CROWN POINT COMMUNITY
SCHOOL CORPORATION
CROWN POINT, INDIANA



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21-112

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02/07/21

COORDINATED BY

SM

DRAWN BY

KS

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DJ

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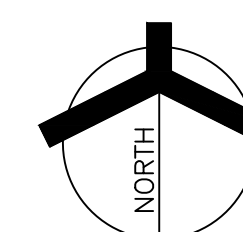
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AD-3 03/03/22 ADDENDUM NO. 3

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



DRAWING

UNIT "B" MECHANICAL

FIRST FLOOR DEMOLITION

PLAN

PROJECT

TIMOTHY BALL ES ADDITIONS AND RENOVATIONS

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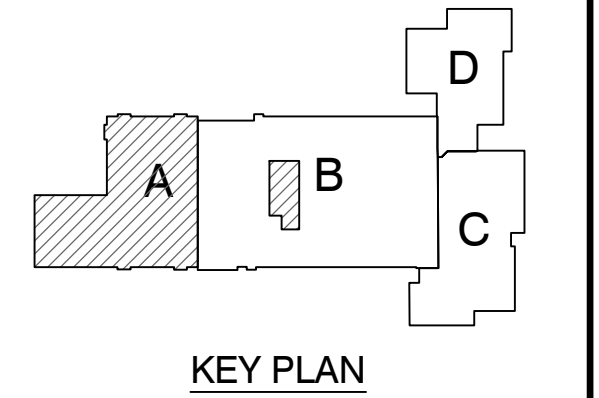
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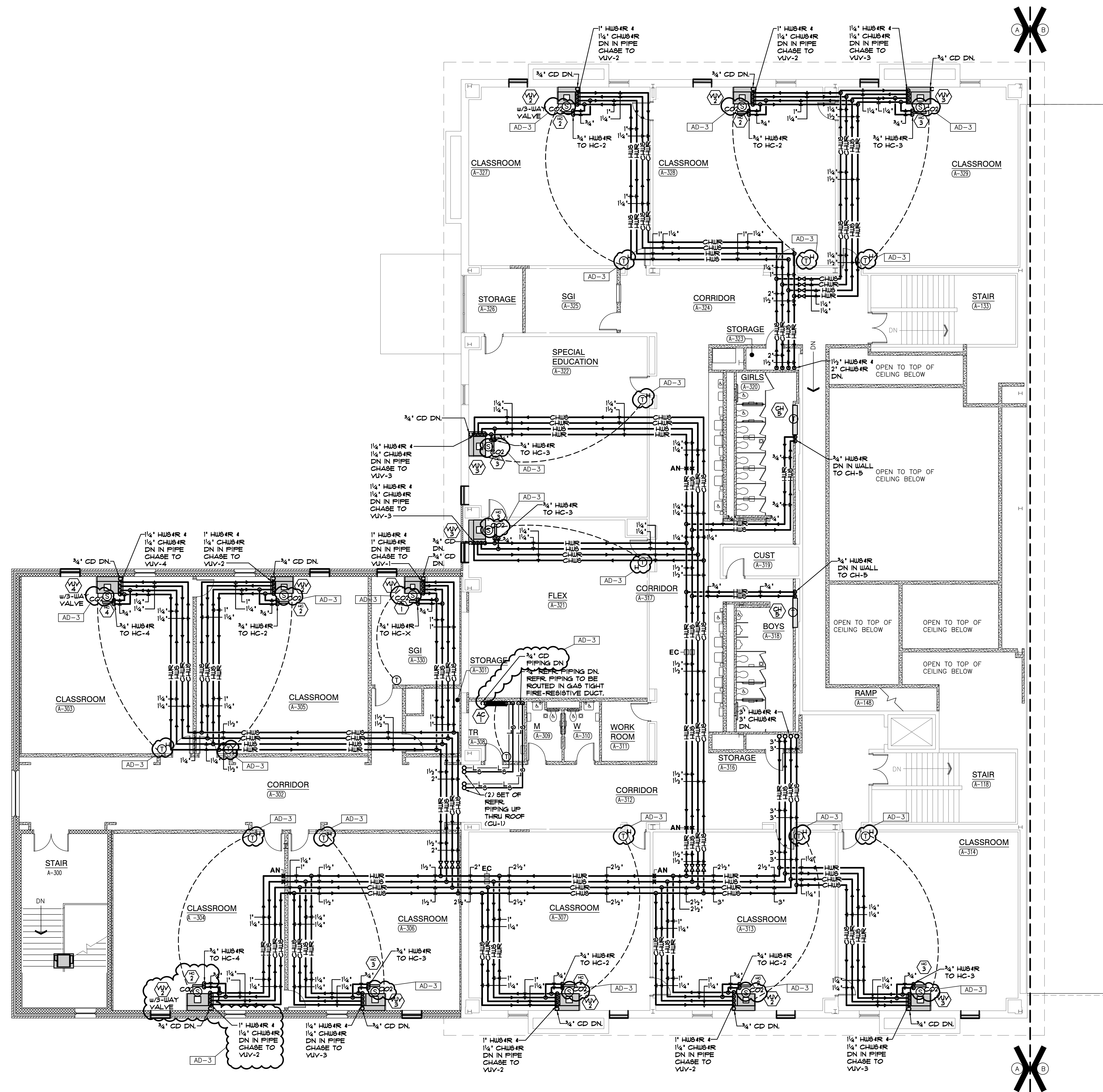
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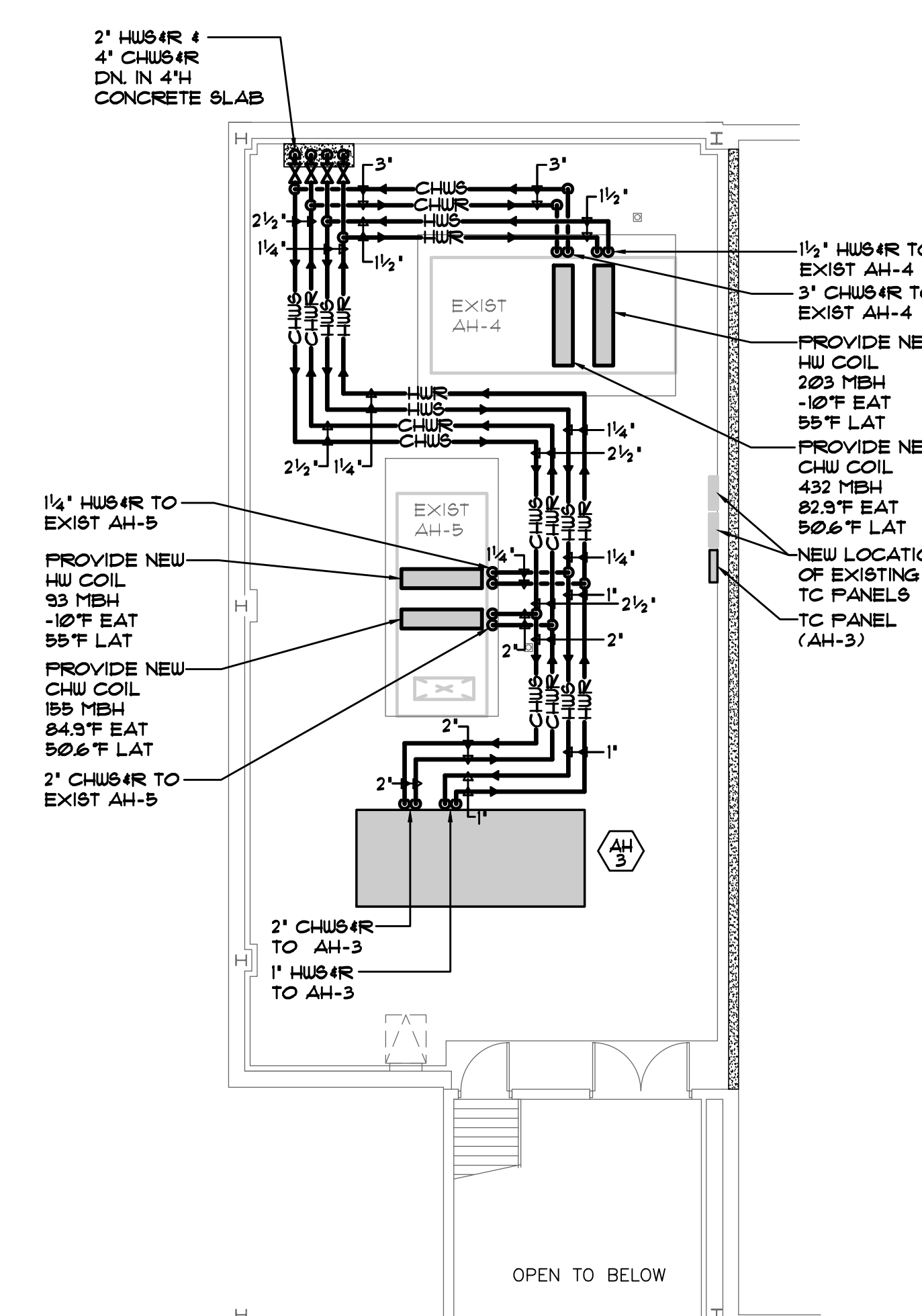
DRAWING
UNIT "A" SECOND FLOOR &
UNIT "B" MEZZANINE
MECHANICAL PIPING PLANS

PROJECT
TIMOTHY BALL ES ADDITIONS AND
RENOVATIONS

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A,B MP102



UNIT "A" MECHANICAL SECOND FLOOR PIPING PLAN
SCALE: 1/8" = 1'-0"



UNIT "B" MECHANICAL MEZZANINE PIPING PLAN
SCALE: 1/8" = 1'-0"



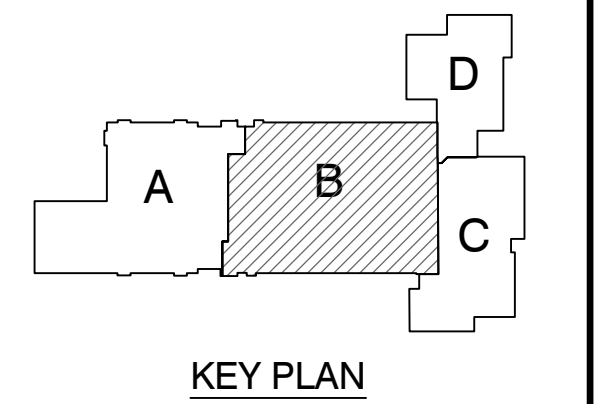
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CROWN POINT, INDIANA

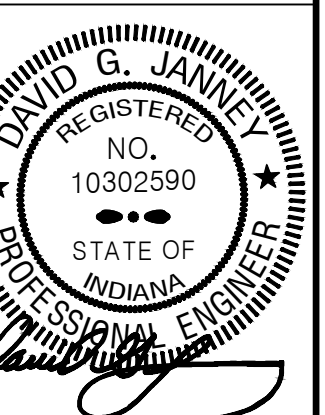


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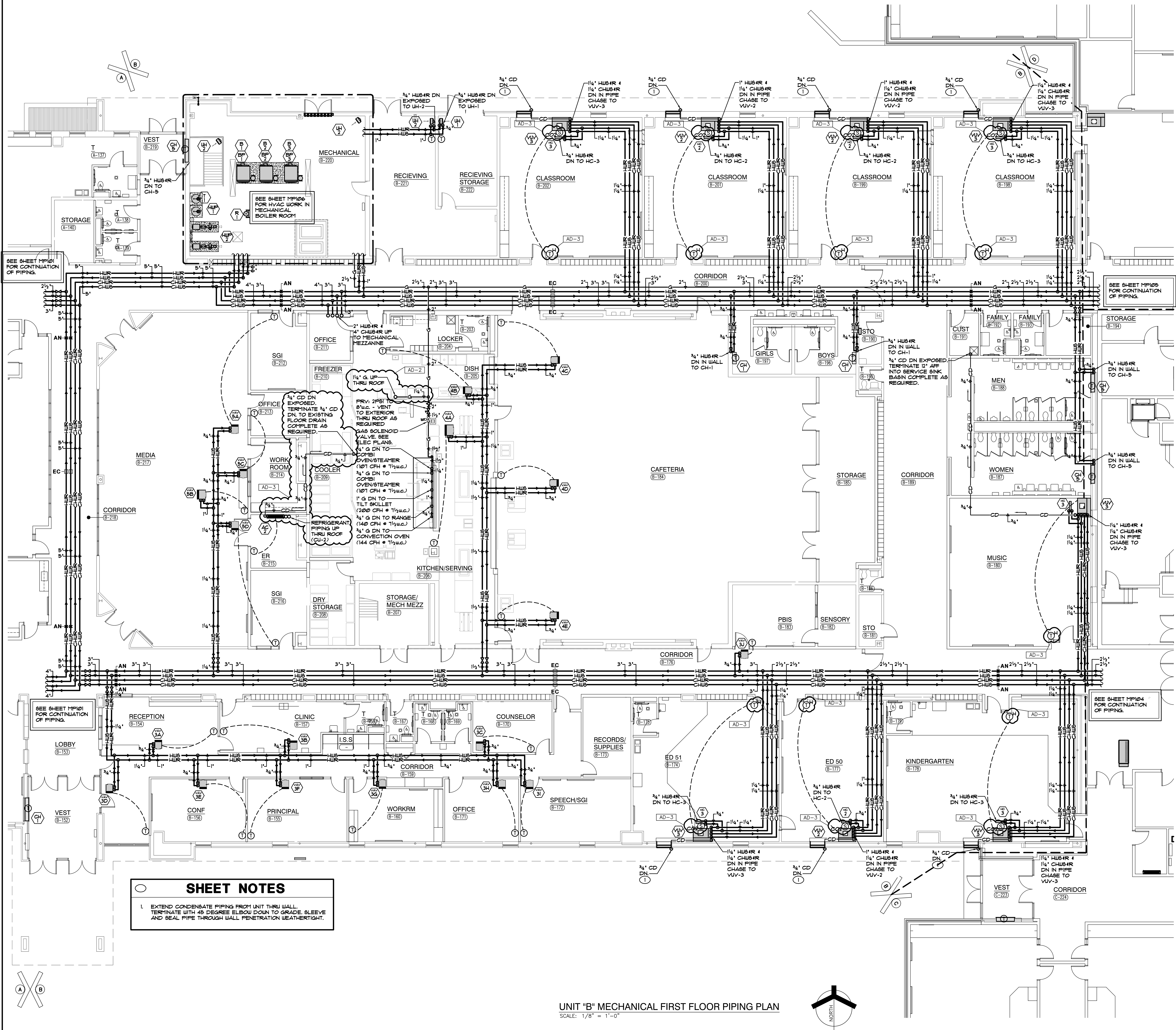
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AD-3	03/03/22	ADDENDUM NO. 3	

DRAWING
**UNIT "B" MECHANICAL
FIRST FLOOR PIPING PLAN**

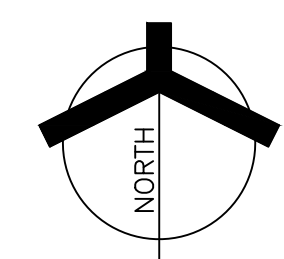
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RENOVATIONS**

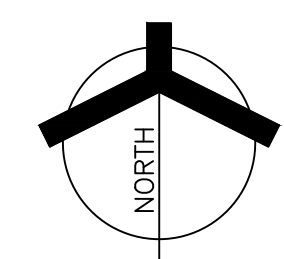
DRAWING
B MP103



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

UNIT "B" MECHANICAL FIRST FLOOR PIPING PLAN
SCALE: 1/8" = 1'-0"





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

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



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PROJECT
TIMOTHY BALL ES ADDITIONS AND
RENOVATIONS

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



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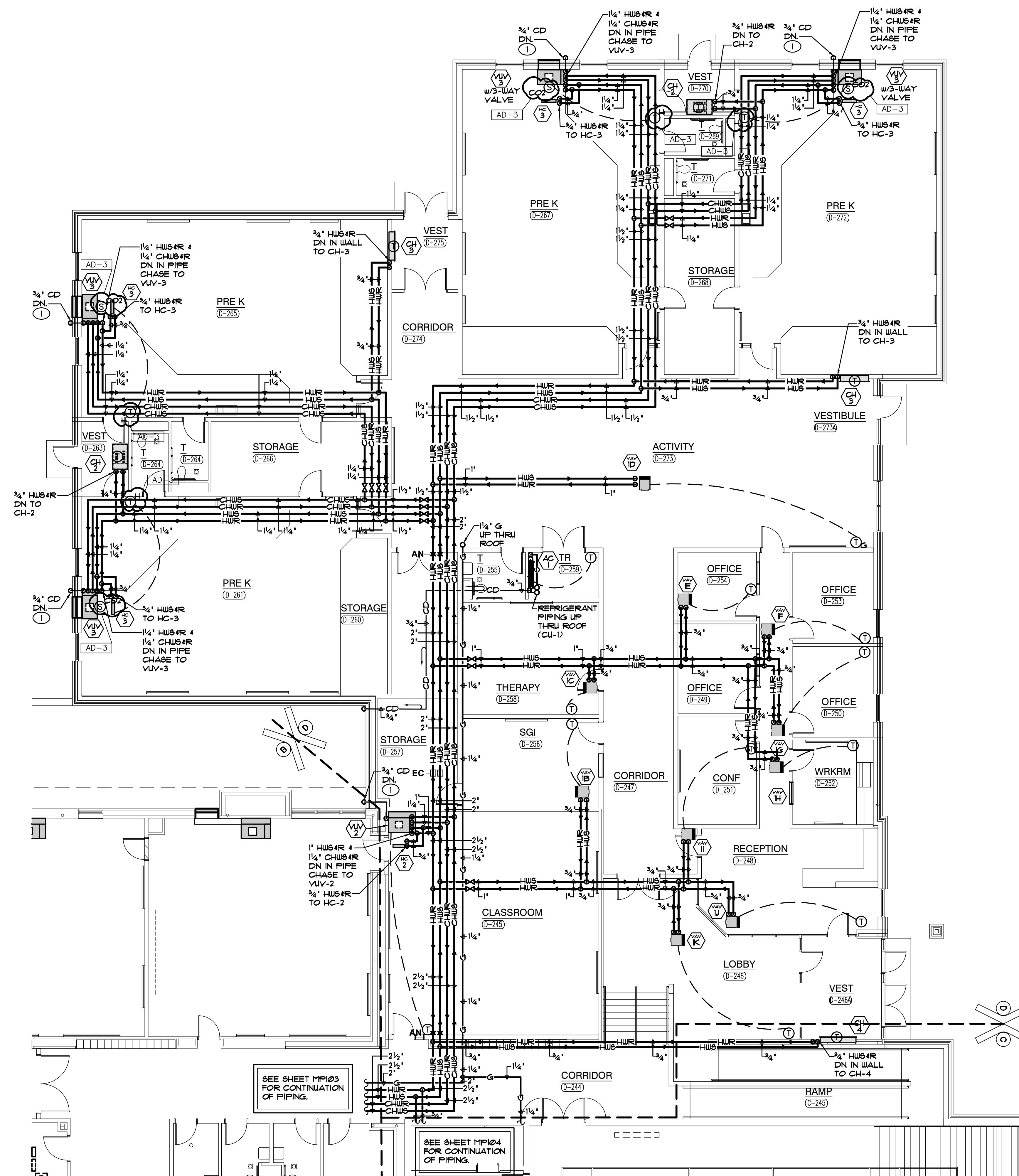
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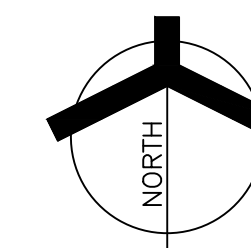
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PROJECT
TIMOTHY BALL ES ADDITIONS AND
RENOVATIONS

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





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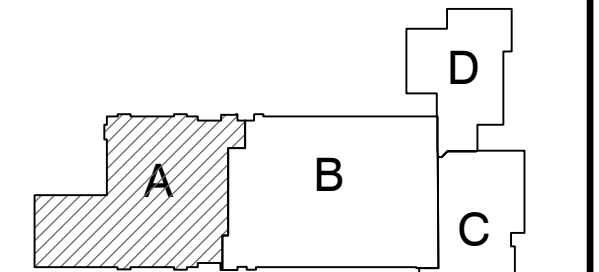
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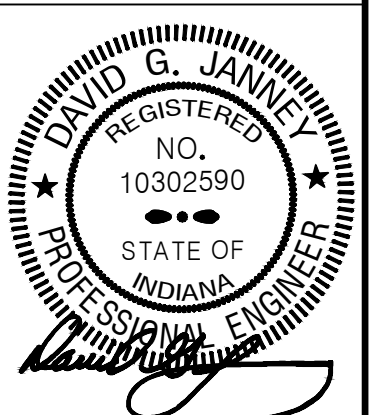


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PROJECT: 21-112
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DRAWN BY: KS
CHECKED BY: DJ



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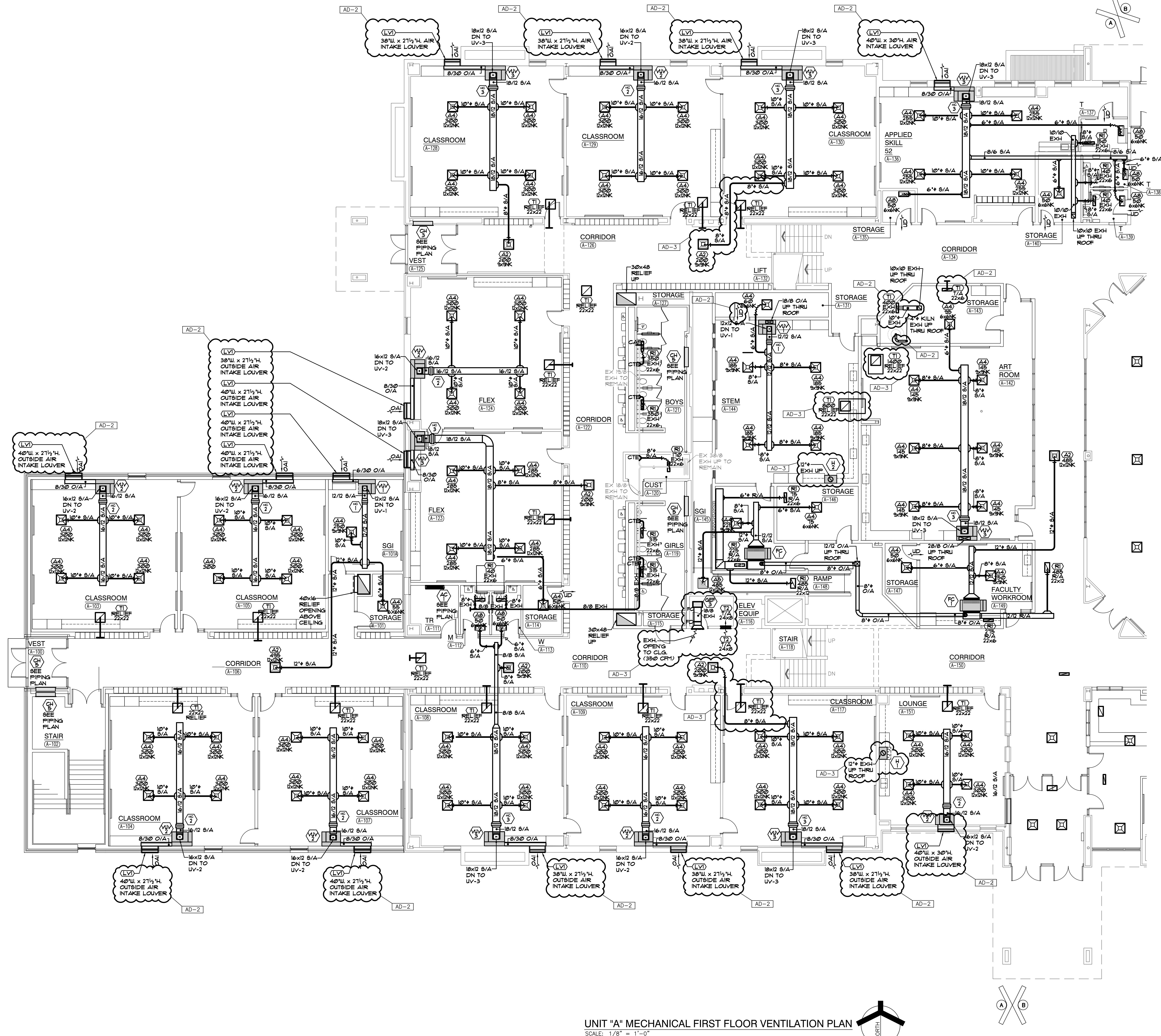
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DRAWING
UNIT "A" MECHANICAL
FIRST FLOOR
VENTILATION PLAN

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TIMOTHY BALL ES ADDITIONS AND
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A MV101



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



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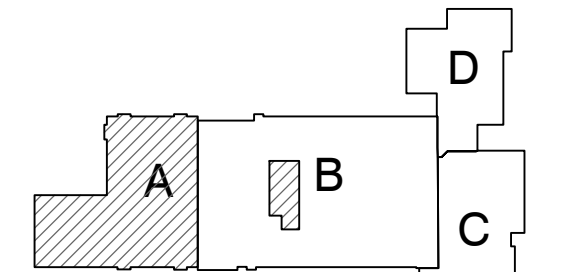
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CROWN POINT, INDIANA

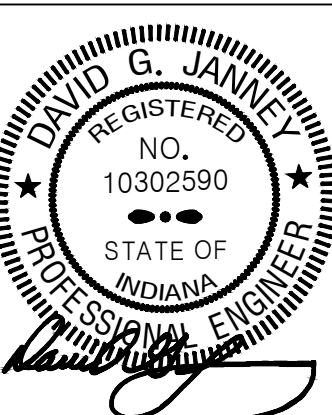


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PROJECT 21-112
DATE 02/07/21
COORDINATED BY SM
DRAWN BY KS
CHECKED BY DJ



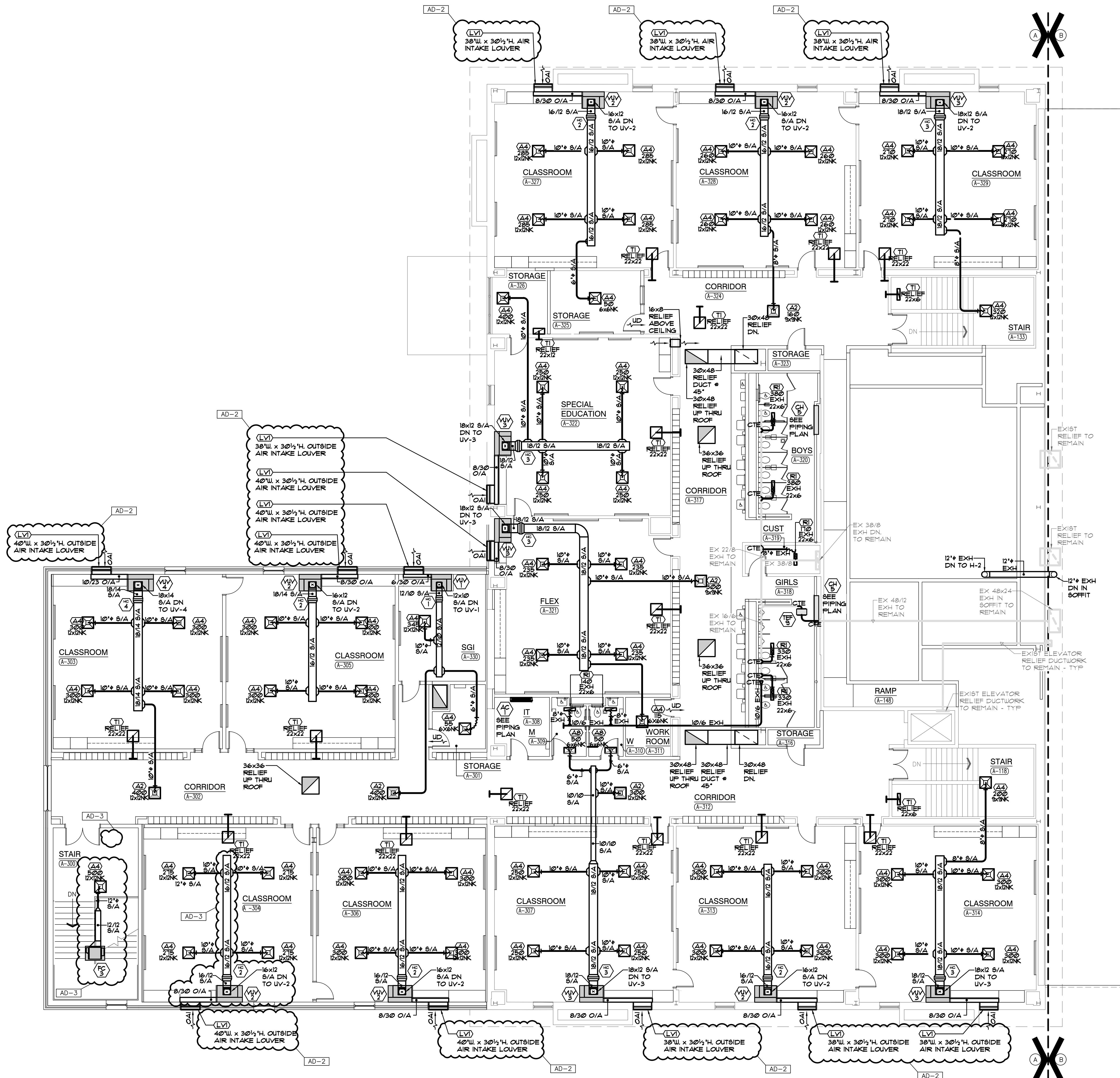
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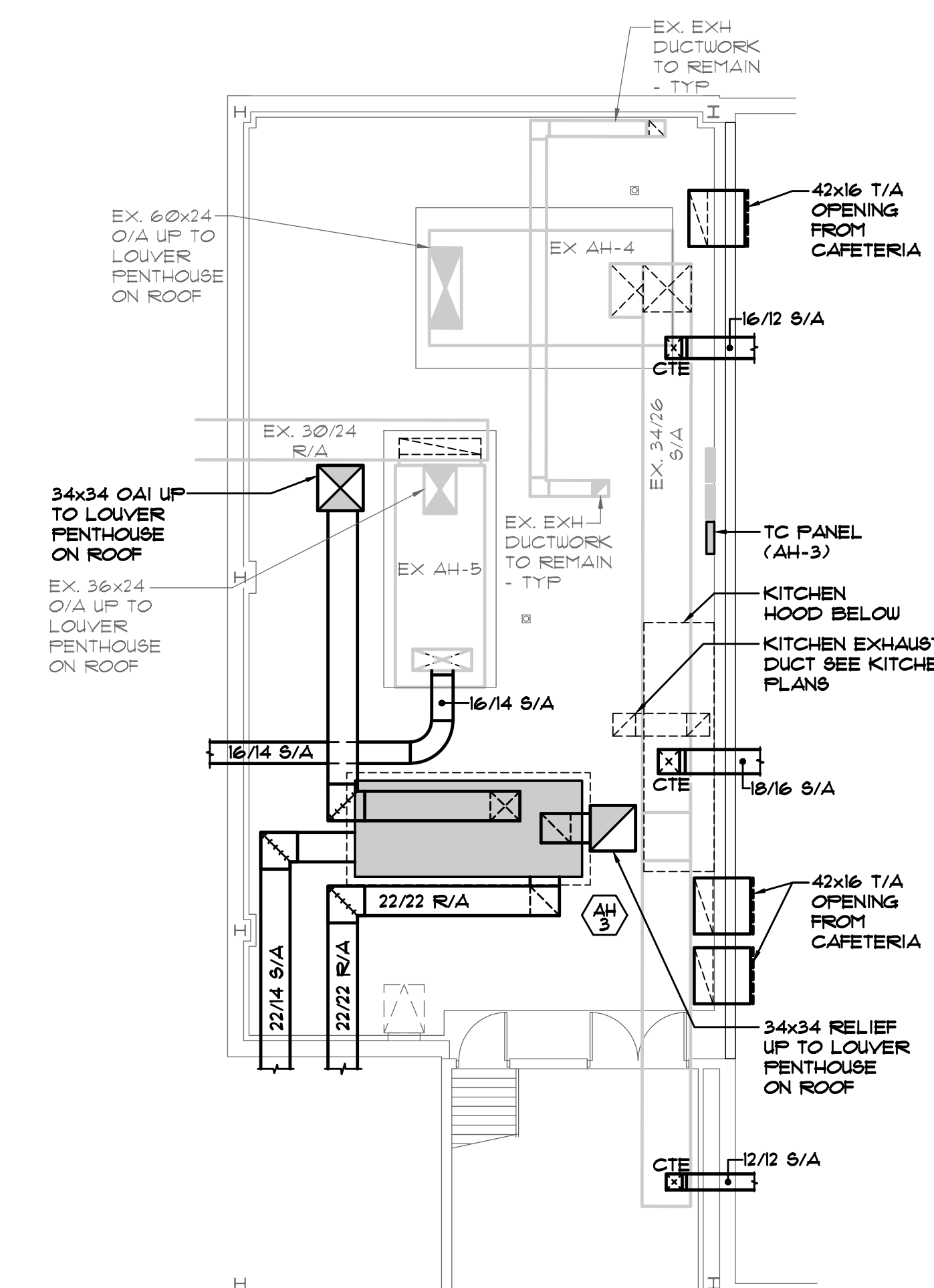
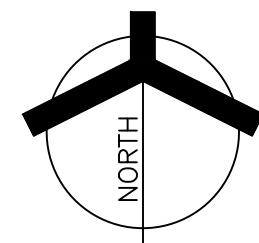
DRAWING
UNIT "A" SECOND FLOOR & UNIT
"B" MEZZANINE MECHANICAL
VENTILATION PLAN

PROJECT
TIMOTHY BALL ES ADDITIONS AND
RENOVATIONS

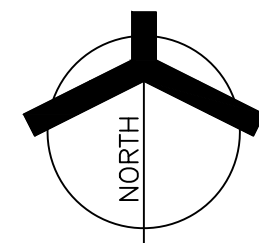
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A,B MV102



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



UNIT "B" MECHANICAL MEZZANINE VENTILATION PLAN
SCALE: 1/8" = 1'-0"





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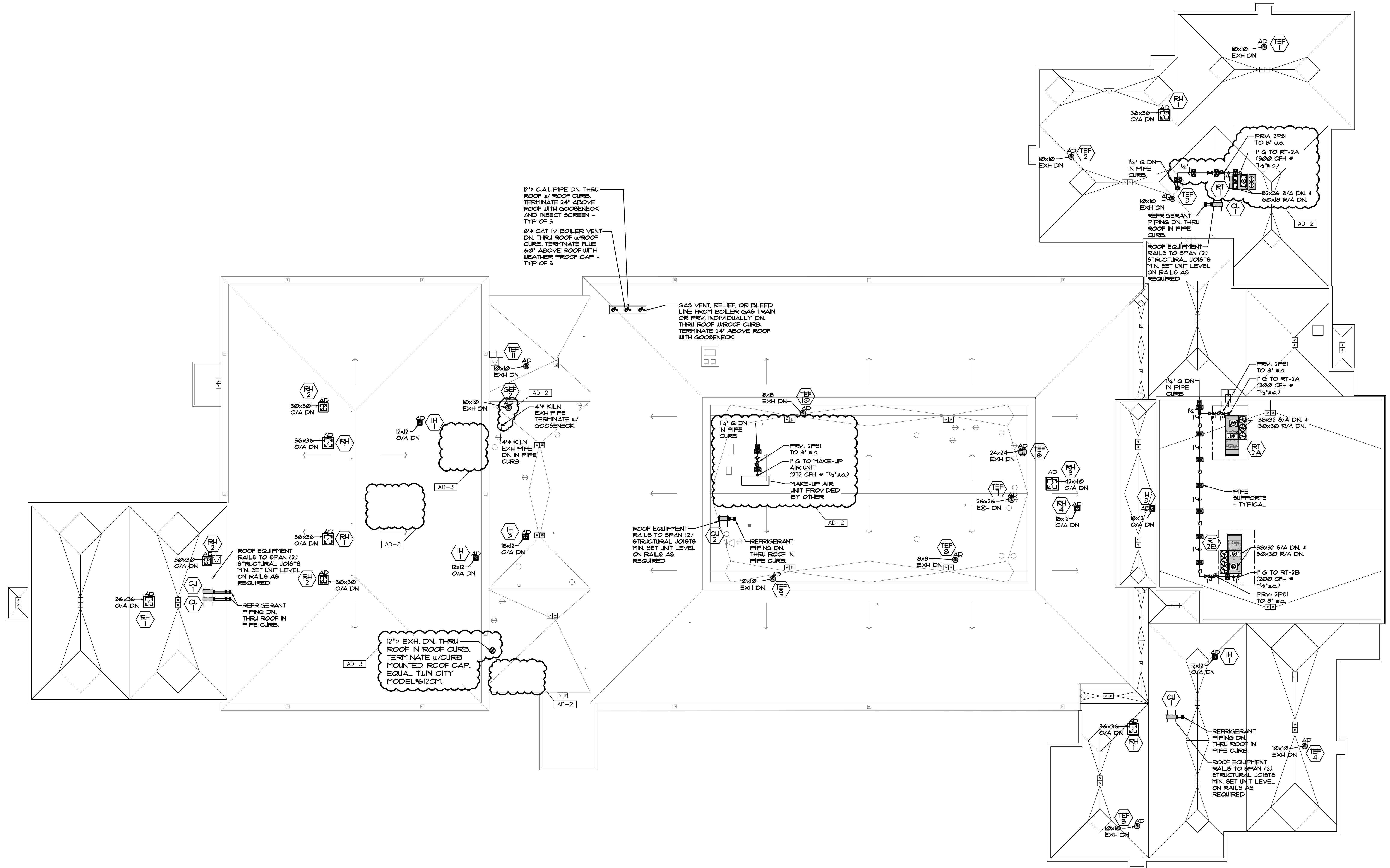
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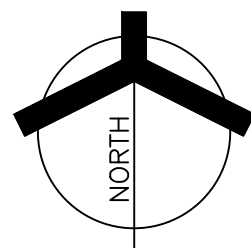
DRAWING
**MECHANICAL HVAC ROOF
PLAN**

PROJECT
TIMOTHY BALL ES ADDITIONS AND
RENOVATIONS

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M-201



MECHANICAL HVAC ROOF PLAN
SCALE: 1" = 20'-0"



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	KW	FLA	AMPS	MOCF	VOLT	PH	HZ
WC-1	WATER CLOSET	VITREOUS CHINA, WALL MOUNTED	AMERICAN STANDARD 9251103	NOTE #1	BATTERY SENSOR FLUSH VALVE	SLOAN 932 OPTIMA 9816-16	NOTE #3	BEH16 925B-C SEAT	-	-	-	-	-	-	-	-
WC-2	WATER CLOSET	VITREOUS CHINA, WALL MOUNTED, ADA	AMERICAN STANDARD 9251103	NOTE #1	BATTERY SENSOR FLUSH VALVE	SLOAN 932 OPTIMA 9811-16	NOTE #3	BEH16 925B-C SEAT	-	-	-	-	-	-	-	-
UR-1	URNAL	BATTERY SENSOR FLUSH VALVE	SLOAN 932 OPTIMA 9811-16	NOTE #1	BATTERY SENSOR FLUSH VALVE	SLOAN 932 OPTIMA 9811-16	NOTE #3	-	-	-	-	-	-	-	-	-
L-1	LAVATORY	VITREOUS CHINA, WALL MOUNTED, 20"x18", ADA	AMERICAN STANDARD 9035502	NOTE #1	ELECTRONIC BATTERY SENSOR, 4" CENTERS	SLOAN 9EBF-181	NOTE #6	PROVIDED WITH THERMOSTATIC MIXING VALVE, MCGUIRE 9FW-2150-UG 1-1/2" FROUTAP, MCGUIRE 942161CCLK SUPPLIES	-	-	-	-	-	-	-	-
EW-1	ELECTRIC BOTTLE FILLER	ELECTRIC WALL MOUNTED	ELKAY 97201809HC	NOTE #2	-	-	-	-	-	-	-	-	-	120	1	60
S-1	SINK	1-COMPARTMENT STAINLESS STEEL SINK, 22"x19-1/2"x4-1/2"	ELKAY 9LRADQ-221845	NOTE #3	2 HANDLE, HIGH GOOSENECK	ELKAY 9LKD2448BH	NOTE #6	ELKAY 935 STRAINER, ELKAY 9LK-93 DRAIN ASSEMBLY, MCGUIRE 942161CCLK SUPPLIES	-	-	-	-	-	-	-	-
S-2	SINK	2-COMPARTMENT STAINLESS STEEL SINK, 31-1/4"x17x9-1/2", ADA	ELKAY 9DRKAD311759R4	NOTE #3	2 HANDLE, HIGH GOOSENECK	CHICAGO FAUCET CO. 950-31TKACBCP	NOTE #6	MCGUIRE 93-8912-C8DF P-TRAP, MCGUIRE 942161CCLK SUPPLIES	-	-	-	-	-	-	-	-
S-3	SINK	2-COMPARTMENT STAINLESS STEEL SINK, 33"x19"x6"	ELKAY 9LRADQ-3319	NOTE #1	2/3 GPM SINGLE LEVER HANDLE, 4" CENTERS	CHICAGO FAUCET 92200-ABCF-E2605JKCF	NOTE #6	MCGUIRE 9FW-2150-UG 1-1/2" FROUTAP, MCGUIRE 942161CCLK SUPPLIES	-	-	-	-	-	-	-	-
S-4	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. 950-31TKACBCP	NOTE #4	MCGUIRE 93-8912-C8DF P-TRAP, MCGUIRE 942161CCLK SUPPLIES, JOSAM 961030 SOLIDS INTERCEPTOR	-	-	-	-	-	-	-	-
MB-1	MOP BASIN	MOLDED STONE, 30"x30"x6"H	FIAT 95B-3030	NOTE #4	WALL MOUNTED SERVICE FAUCET	CHICAGO FAUCET CO. 9891	NOTE #6	W/ 3/4" HOSE THREAD, VACUUM BREAKER, WALL BRACE	-	-	-	-	-	-	-	-
PB-1	FLUMBERS BOX	FOR CLOTHES WASHER	GUY GRAY 9320075	-	-	-	-	-	-	-	-	-	-	-	-	-
FD-1	FLOOR DRAIN	CAST IRON BODY, ADJUSTABLE 6"x6" NICKEL BRONZE TOP	WADE 9100-66	NOTE #5	-	-	-	VANDALPROOF SCREWS, PLUGGED TRAP PRIMER	-	-	-	-	-	-	-	-
FS-1	FLOOR SINK	CAST IRON, 8-1/8" DEEP, ACID RESISTING, 12"x12" TOP	WADE 9340	NOTE #5	-	-	-	ALUMINUM DOME STRAINER, SECURED HINGED GRATE, SLOPED RIM	-	-	-	-	-	-	-	-
SC-1	SILL COOK	NON-FREEZE, VACUUM BREAKER, REMOVABLE KEY	WADE 93600	NOTE #6	-	-	-	-	-	-	-	-	-	-	-	-
RD-1	ROOF DRAIN	CAST IRON BODY, GRAVEL STOP, LARGE SUMP	MIFAB 9R1000-BU	NOTE #5	-	-	-	-	-	-	-	-	-	-	-	-
OFRD-1	OVERFLOW ROOF DRAIN	CAST IRON BODY, GRAVEL STOP, LARGE SUMP	MIFAB 9R1000-U	NOTE #5	-	-	-	-	-	-	-	-	-	-	-	-
TW-1	TEMPERED WATER VALVE	TEMPERED WATER VALVE	BRADLEY 9553-4000A THV	NOTE #1	-	-	-	-	-	-	-	-	-	-	-	-
TWN-1	TANKLESS WATER HEATER	195 MBH, 5.6 GPM @ 70 DEGREE RISE (GAS FIRED)	NAVLEN 9NFE-240A2	-	-	-	-	ISOLATION KIT, TEMP. RELIEF VALVE, DRAIN VALVE AND CONDENSATE PIPED TO FLOOR DRAIN	-	-	-	2	-	120	1	60
TWN-2	TANKLESS WATER HEATER	195 MBH, 5.6 GPM @ 70 DEGREE RISE (GAS FIRED)	NAVLEN 9NFE-240A2	-	-	-	-	ISOLATION KIT, TEMP. RELIEF VALVE, DRAIN VALVE AND CONDENSATE PIPED TO FLOOR DRAIN	-	-	-	2	-	120	1	60
TWN-3	TANKLESS WATER HEATER	195 MBH, 5.6 GPM @ 70 DEGREE RISE (GAS FIRED)	NAVLEN 9NFE-240A2	-	-	-	-	ISOLATION KIT, TEMP. RELIEF VALVE, DRAIN VALVE AND CONDENSATE PIPED TO FLOOR DRAIN	-	-	-	2	-	120	1	60
DBP-1	DOMESTIC BOOSTER PUMP	100 GPM @ 65 PSI DISCHARGE W/ SUCTION @ 25 PSI	METROPOLITAN 910-MTIII-BD-PH1-65	NOTE #1	-	-	-	W/ 120 GAL. HYDRO-PNEUMATIC TANK, 4" SUCTION/ 4" DISCHARGE, (100 GPM @ 92' TDH EA. PUMP) 138' MIN. SHUT-OFF HEAD	(2) 5	-	-	-	-	480	3	60
RCP-1	RECIRCULATING PUMP	19 GPM @25' HEAD, ALL BRONZE CONSTRUCTION	BAG # PL-55	NOTE #5	-	-	-	W/ STRAP ON AQUASTAT	2/5	-	-	4.7	-	120	1	60
NOTE #1: GERBER, CRANE, KOHLER, ZURN			NOTE #8: METROPOLITAN, TACO													
NOTE #2: OASIS, HAUS, SUNROC			NOTE #9: ZURN, TOTO													
NOTE #3: JUST			NOTE #10: ZURN, DELTA, T45 BRASS, CHICAGO FAUCET CO.													
NOTE #4: MUSTEE, SWAN			NOTE #11: AHT, BAG													
NOTE #5: ZURN, JOSAM, JR. SMITH, MIFAB																
NOTE #6: JOSAM, ZURN, JR. SMITH, WOODFORD																
NOTE #7: LEONARD, POWERS, LAULIER																

GENERAL NOTES

- WORK SHALL COMPLY WITH LOCAL, MUNICIPAL, AND STATE PLUMBING CODES.
- 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. ANY 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.
- LAYOUT IS DIAGRAMMATIC. INSTALL PIPING AND EQUIPMENT TO MEET ACTUAL FIELD CONDITIONS. REVIEW PROJECT SPECIFICATIONS BEFORE STARTING ANY WORK. SUBMIT SHOP DRAWINGS OF WORK AS PER SPECIFICATIONS.
- COORDINATE PHASING OF WORK AND PROVIDE TEMPORARY PIPING AND SERVICES AS REQUIRED FOR THE IMPLEMENTATION OF WORK.
- LAYOUT WORK TO AVOID CONFLICTS BETWEEN DUCTWORK, LIGHTING, CEILING, PIPING AND BUILDING STRUCTURE.
- SCHEDULE WORK TO AVOID DOWNTIME AND INCONVENIENCE TO OWNER.
- TRADE COORDINATION
- COORDINATE EQUIPMENT ELECTRICAL REQUIREMENTS (VOLTAGES, PHASE, LOAD, ETC.) BEFORE ORDERING ANY EQUIPMENT.
- COORDINATE VENT THROUGH ROOF LOCATIONS WITH OUTDOOR AIR INTAKE LOCATIONS TO MAINTAIN A MINIMUM SEPARATION OF TEN FEET.

PLUMBING KITCHEN EQUIPMENT SCHEDULE

CONN. NO.	CONNECT TO	COLD WATER	HOT WATER	WASTE	FLOOR DRAIN	REMARKS
2	COOLER COIL	-	-	-	FD-1	-
7	FREEZER COIL	-	-	-	FD-1	-
14	ISLAND WORK TABLE	-	-	-	FS-1	-
15	HAND SINK	1/2"	1/2"	-	1 1/2"	-
18	PREP SINK	1/2"	1/2"	-	FS-1	-
19	GARBAGE DISPOSAL	1/2"	-	-	2"	-
24	ICE MAKER	1/2"	-	-	FD-1	WATTS 9LPSD
35	COMBI OVERN/STEAMER	(2) 1/2"	1/2"	-	FS-1	WATTS 9SD-BBFP
37	TILT SKILLET	1/2"	1/2"	-	FT	WATTS 9SD-BBFP
38	FLOOR TROUGH	-	-	-	4"	-
45	THREE COMPARTMENT SINK	-	-	-	FS-1	-
47	SPLASH MOUNT FAUCET	3/4"	3/4"	-	-	-
48	FIRE RINSE FAUCET	1/2"	1/2"	-	-	-
49	GARBAGE DISPOSAL	1/2"	-	-	2"	-
51	DISH MACHINE	1/2"	1/2"	-	FS-1	-
52	DISH MACHINE BLOW DRYER	-	-	-	FS-1	-
63	MOP SINK	3/4"	3/4"	-	4"	-
70	DROP-IN HOT/COLD UNIT	-	-	-	FD-1	-
73	DROP-IN COLD WELL	-	-	-	FD-1	-
80	DROP-IN HOT/COLD UNIT	-	-	-	FD-1	-
83	DROP-IN COLD WELL	-	-	-	FD-1	-
90	DROP-IN HOT/COLD UNIT	-	-	-	FD-1	-
92	DROP-IN COLD WELL	-	-	-	FD-1	-
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. PROVIDE 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 KITCHEN AREA DRAWINGS.						

SYMBOLS/ABBREVIATIONS

=====	EXISTING UNDERGROUND SANITARY PIPING	AV	ACID VENT
--- ST ---	EXISTING UNDERGROUND STORM SEWER	AU	ACID WASTE
=====	EXISTING COLD WATER PIPING	CO	CLEANOUT
=====	EXISTING HOT WATER PIPING	CU	COLD WATER
=====	EXISTING HOT WATER RECIRCULATION PIPING	DSP	DOMESTIC BOOSTER PUMP
--- GW ---	EXISTING GREASE WASTE	DN	DOWN
=====	EXISTING PIPING	EMSH	EMERGENCY SHOWER
-----	EXISTING PIPING TO BE REMOVED OR ABANDONED	EUC	ELECTRIC WATER COOLER
--- ST ---	NEW UNDERGROUND SANITARY SEWER	FCO	FLOOR CLEANOUT
--- ST ---	NEW UNDERGROUND STORM SEWER	FD	FLOOR DRAIN
=====	NEW COLD WATER PIPING	FS	FLOOR SINK
=====	NEW HOT WATER PIPING	GT	GREASE TRAP
=====	NEW HOT WATER RECIRCULATION PIPING	HARD	HARD WATER
--- ST ---	NEW OVERHEAD STORM PIPING	HB	HOSE BIBB
=====	NEW OVERHEAD SANITARY PIPING	HU	HOT WATER
--- GW ---	NEW GREASE WASTE	IM	ICE MAKER VALVE BOX
G	PIPE DOWN	INV. EL.	INVERT ELEVATION
I	PIPE UP	L	LAVATORY
+	SHUT-OFF VALVE	LT	LAUNDRY TUB
Z	CHECK VALVE	MB	MOP BASIN
#	HOSE BIBB/SILL COCK	TH	MANHOLE
+	RELIEF VALVE	NB	NEUTRALIZATION BASIN
Δ	SHOWER HEAD	OFRD	OVERFLOW ROOF DRAIN
◆	BALANCING COCK/MANUAL FLOW CONTROL VALVE	OPD	OPEN SITE DRAIN
⊗	THERMOMETER	PB	FLUMBERS BOX
⊙	PRESSURE GAUGE	RCP	HOT WATER RECIRCULATION PUMP
○	SHEET NOTE TAG	RD	ROOF DRAIN
○	KITCHEN EQUIPMENT TAG	S	SINK
		SC	SILL COCK
		SH	SHOWER
		SFP	SUMP PUMP
		SB	SERVICE SINK
		TU	TEMPERED WATER
		UR	URNAL
		V	VENT
		VTR	VENT THROUGH ROOF
		WC	WATER CLOSET
		WCO	WALL CLEANOUT
		WH	WATER HEATER
		YCO	YARD CLEANOUT



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PROJECT

**TIMOTHY BALL
ES ADDITION
AND
RENOVATIONS**

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SCHOOL CORPORATION
CROWN POINT, INDIANA

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21-112

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02/07/21

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REVISIONS

MARK	DATE	ISSUED FOR
AD-3	03/03/22	ADDENDUM NO. 3

DRAWING

**PLUMBING SCHEDULE,
NOTES, SYMBOLS &
ABBREVIATIONS**

PROJECT

**TIMOTHY BALL ES ADDITIONS AND
RENOVATIONS**

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SHEET

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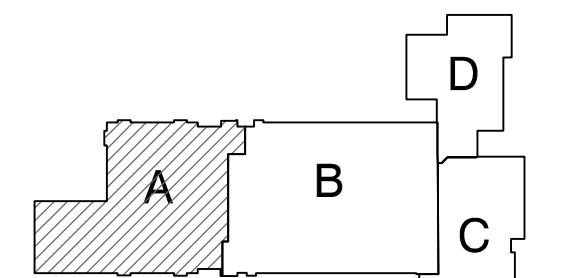
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PROJECT

TIMOTHY BALL ES ADDITION AND RENOVATIONS

CROWN POINT COMMUNITY
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REVISIONS	MARK	DATE	ISSUED FOR
AD-2	02/24/22	ADDENDUM NO. 2	
AD-3	03/03/22	ADDENDUM NO. 3	

DRAWING

UNIT "A" ELECTRICAL
FIRST FLOOR LIGHTING
PLAN

PROJECT

TIMOTHY BALL ES ADDITIONS AND
RENOVATIONS

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SHEET

A

EL101

GENERAL NOTES

1. CIRCUIT ALL NORMAL LIGHTING FIXTURES TO PANEL HP-8 UNLESS OTHERWISE NOTED.
2. EMERGENCY SENSING LEADS SHALL BE CONNECTED TO CONSTANT HOT FEEDS FROM NORMAL LIGHTING IN ROOM. THIS FEED SHALL BE TAKEN AHEAD OF ANY EMERGENCY SHUTDOWNS, RELAYS, CONTACTORS OR SWITCHES.
3. REFER TO ARCHITECTURAL REFLECTED CEILING PLAN FOR EXACT LOCATION OF ALL CEILING MOUNTED LIGHT FIXTURES.
4. ROUTE CONDUIT AS TIGHT TO THE EXPOSED CEILING AND STRUCTURE AS POSSIBLE TO MAXIMIZE CEILING SPACE.
5. VERIFY TEACHING SURFACE WITH OWNER'S REPRESENTATIVE IN FIELD PRIOR TO INSTALLATION AND ADJUST SWITCHING TO PROPERLY ILLUMINATE TEACHING SURFACE. CAREFULLY COORDINATE FINAL SWITCHING WITH FINAL FURNITURE PLANS AND TEACHING WALL LOCATIONS.

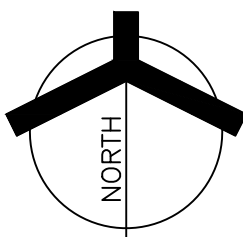
SHEET NOTES

1. RECONNECT NEW LIGHTING FIXTURES IN THIS SPACE TO EXISTING LIGHTING CIRCUITRY AND NEW SWITCHING DEVICES, COMPLETE AS REQUIRED, MAXIMUM 4400W PER 211 VOLT CIRCUIT. WHERE NECESSARY, DUE TO LIMITATIONS IN THE EXISTING CIRCUITRY, THIS CONTRACTOR SHALL FURNISH AND INSTALL 20A-1 POLE CIRCUIT BREAKERS AS REQUIRED IN EXISTING SPACE OF EXISTING PANEL, AND EXTEND 2 #2 AND 1 #2 GRD IN 3/4" CONDUIT COMPLETE AS REQUIRED. VERIFY CONDITIONS AND REQUIREMENTS IN FIELD.
2. RECONNECT NEW EMERGENCY LIGHTING FIXTURES TO EXISTING EMERGENCY LIGHTING CIRCUITRY AND NEW SWITCHING DEVICES, COMPLETE AS REQUIRED, MAXIMUM 4400W PER 211 VOLT CIRCUIT. PROVIDE UL584 RELAY DEVICE AS REQUIRED TO ACCOMPLISH REQUIRED EMERGENCY SWITCHING. WHERE NECESSARY, DUE TO LIMITATIONS IN THE EXISTING CIRCUITRY, THIS CONTRACTOR SHALL FURNISH AND INSTALL 20A-1 POLE CIRCUIT BREAKERS AS REQUIRED IN EXISTING SPACE OF EXISTING EMERGENCY PANEL, AND EXTEND 2 #2 AND 1 #2 GRD IN 3/4" CONDUIT COMPLETE AS REQUIRED. VERIFY CONDITIONS AND REQUIREMENTS IN FIELD.
3. RECONNECT NEW EXIT SIGN LIGHTING FIXTURES TO EXISTING EXIT SIGN EMERGENCY LIGHTING CIRCUITRY, COMPLETE AS REQUIRED, MAXIMUM 4400W PER 211 VOLT CIRCUIT. WHERE NECESSARY, DUE TO LIMITATIONS IN THE EXISTING CIRCUITRY, THIS CONTRACTOR SHALL FURNISH AND INSTALL 20A-1 POLE CIRCUIT BREAKERS AS REQUIRED IN EXISTING SPACE OF EXISTING PANEL, AND EXTEND 2 #2 AND 1 #2 GRD IN 3/4" CONDUIT COMPLETE AS REQUIRED. VERIFY CONDITIONS AND REQUIREMENTS IN FIELD.

EXTERIOR LIGHTING NOTES

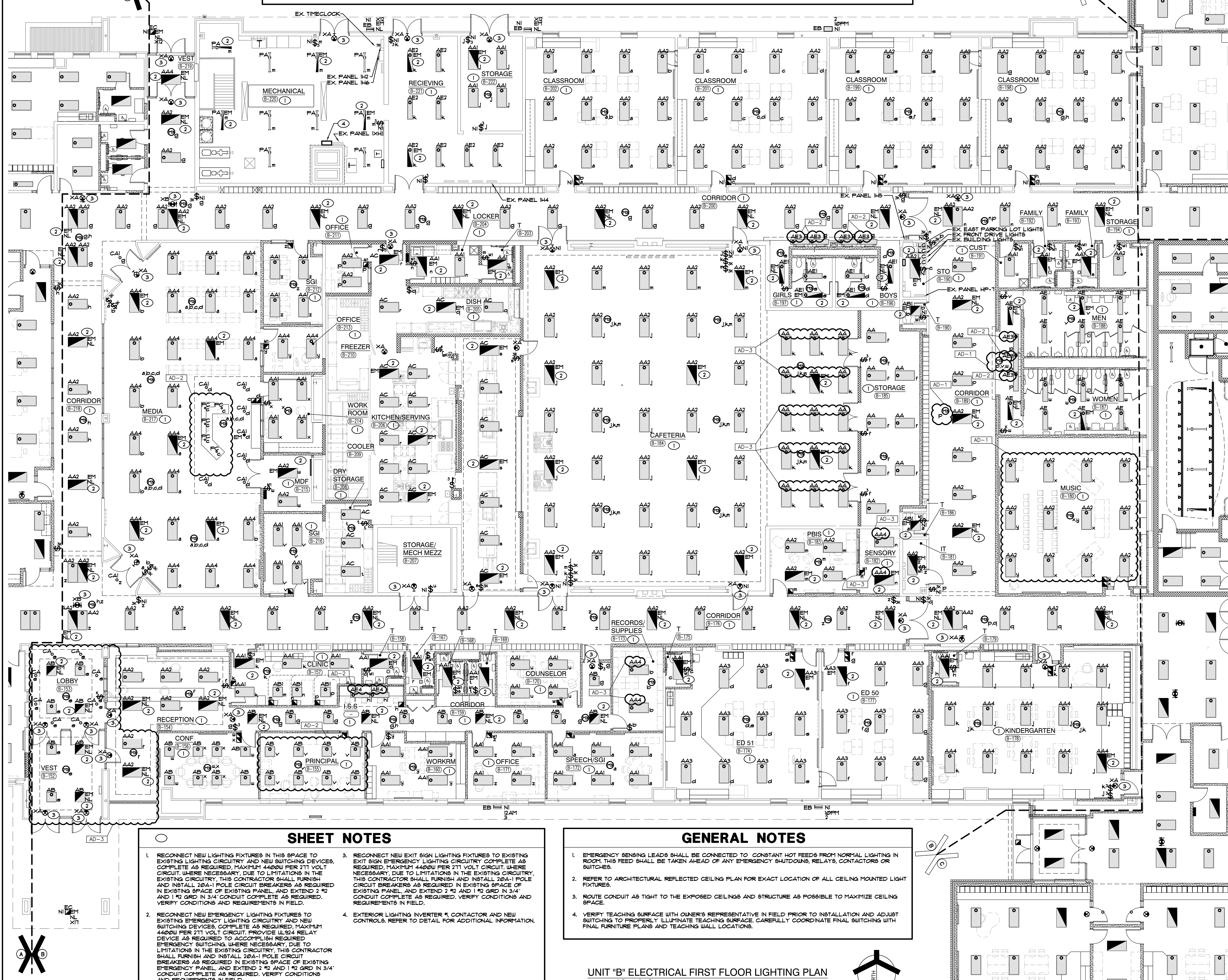
1. NEW EXTERIOR LIGHTING SHALL BE CONNECTED TO EXISTING EXTERIOR LIGHTING 211V, 20A CIRCUITS FROM EXISTING PANEL 1H-5 VIA NEW TIME CLOCK CONTROL SYSTEM AND INVERTERS AS SPECIFIED.
2. CIRCUIT NUMBERS SHOWN ARE NOT ACTUAL, BUT ARE SHOWN TO INDICATE CIRCUITING REQUIREMENTS. VERIFY ACTUAL CIRCUIT ASSIGNMENTS IN FIELD.
3. IF EXISTING EXTERIOR LIGHTING CIRCUITRY DOES NOT HAVE SUFFICIENT CAPACITY FOR NEW LIGHTING FIXTURES, NEW 211V, 20A CIRCUITS FROM EXISTING PANEL 1H-5 SHALL BE PROVIDED WITH NEW CIRCUITRY FROM EXISTING PANEL HP-8, COMPLETE AS REQUIRED.
4. EXTERIOR LIGHTING CIRCUITS #2 AND #3 SHALL BE CONNECTED TO EXISTING CIRCUITRY FROM EXISTING PANEL 1H-5 VIA NEW TIME CLOCK, PHOTOCELL, AND CONTACTORS.
5. EXTERIOR LIGHTING CIRCUIT X12 AND X11 SHALL BE CONNECTED TO NEW 20A/1P CIRCUITRY FROM EXISTING EMERGENCY PANEL 1H-11 VIA NEW TIME CLOCK, PHOTOCELL, CONTACTORS AND EXTERIOR LIGHTING INVERTER #1.
6. CONTRACTOR SHALL MODIFY AND REWIRE EXISTING EXTERIOR LIGHTING CIRCUITRY (FROM EXISTING PANEL 1H-5) AS REQUIRED TO ACCOMPLISH NEW SWITCHING AND EMERGENCY CONTROL AS SPECIFIED. INVERTER CIRCUITS SHALL BE PROVIDED WITH INDEPENDENT RACEWAYS AND SHALL NOT SHARE RACEWAYS AND BOXES WITH NORMAL CIRCUITRY. PROVIDE NEW 20A/1P CIRCUITS FROM EXISTING EMERGENCY PANEL WHERE EXISTING CAPACITY IS NOT SUFFICIENT FOR NEW LOADS.

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



EXTERIOR LIGHTING NOTES

1. NEW EXTERIOR LIGHTING SHALL BE CONNECTED TO EXISTING EXTERIOR LIGHTING 211V, 20A CIRCUITS (FROM EXISTING PANEL I45) VIA NEW TIME CLOCK CONTROL SYSTEM AND INVERTERS AS SPECIFIED.
2. CIRCUIT NUMBERS SHOWN ARE NOT ACTUAL, BUT ARE SHOWN TO INDICATE CIRCUITING REQUIREMENTS. VERIFY ACTUAL CIRCUIT ASSIGNMENTS IN FIELD.
3. IF EXISTING EXTERIOR LIGHTING CIRCUITRY DOES NOT HAVE SUFFICIENT CAPACITY FOR NEW LIGHTING FIXTURES, NEW 211V, 20A CIRCUITS (FROM EXISTING PANEL I45) SHALL BE PROVIDED WITH NEW CIRCUITRY FROM EXISTING PANEL I45, COMPLETE AS REQUIRED.
4. EXTERIOR LIGHTING CIRCUITS #2 AND #3 SHALL BE CONNECTED TO EXISTING CIRCUITRY (FROM EXISTING PANEL I45) VIA NEW TIME CLOCK, PHOTOCELL AND CONTACTORS.
5. EXTERIOR LIGHTING CIRCUITS #12 AND #11 SHALL BE CONNECTED TO NEW 20A/1P CIRCUITRY FROM EXISTING EMERGENCY PANEL I41 VIA NEW TIME CLOCK, PHOTOCELL, CONTACTORS AND EXTERIOR LIGHTING INVERTER #1.
6. CONTRACTOR SHALL MODIFY AND REVISE EXISTING EXTERIOR LIGHTING CIRCUITRY (FROM EXISTING PANEL I45) AS REQUIRED TO ACCOMPLISH NEW SWITCHING AND EMERGENCY CONTROL AS SPECIFIED. INVERTER CIRCUITS SHALL BE PROVIDED WITH INDEPENDENT RACEWAYS AND SHALL NOT SHARE RACEWAYS AND BOXES WITH NORMAL CIRCUITRY. PROVIDE NEW 20A/1P CIRCUITS FROM EXISTING EMERGENCY PANEL WHERE EXISTING CAPACITY IS NOT SUFFICIENT FOR NEW LOADS.



SHEET NOTES

1. RECONNECT NEW LIGHTING FIXTURES IN THIS SPACE TO EXISTING LIGHTING CIRCUITRY AND NEW SWITCHING DEVICES, COMPLETE AS REQUIRED, MAXIMUM 4400W PER 211 VOLT CIRCUIT. WHERE NECESSARY, DUE TO LIMITATIONS IN THE EXISTING CIRCUITRY, THIS CONTRACTOR SHALL FURNISH AND INSTALL 20A-1 POLE CIRCUIT BREAKERS AS REQUIRED IN EXISTING SPACE OF EXISTING PANEL, AND EXTEND 2 #2 AND 1 #2 GRD IN 3/4" CONDUIT COMPLETE AS REQUIRED. VERIFY CONDITIONS AND REQUIREMENTS IN FIELD.
2. RECONNECT NEW EMERGENCY LIGHTING FIXTURES TO EXISTING EMERGENCY LIGHTING CIRCUITRY AND NEW SWITCHING DEVICES, COMPLETE AS REQUIRED, MAXIMUM 4400W PER 211 VOLT CIRCUIT. PROVIDE UL924 RELAY DEVICE AS REQUIRED TO ACCOMPLISH REQUIRED EMERGENCY SWITCHING. WHERE NECESSARY, DUE TO LIMITATIONS IN THE EXISTING CIRCUITRY, THIS CONTRACTOR SHALL FURNISH AND INSTALL 20A-1 POLE CIRCUIT BREAKERS AS REQUIRED IN EXISTING SPACE OF EXISTING EMERGENCY PANEL, AND EXTEND 2 #2 AND 1 #2 GRD IN 3/4" CONDUIT COMPLETE AS REQUIRED. VERIFY CONDITIONS AND REQUIREMENTS IN FIELD.
3. RECONNECT NEW EXIT SIGN LIGHTING FIXTURES TO EXISTING EXIT SIGN EMERGENCY LIGHTING CIRCUITRY COMPLETE AS REQUIRED, MAXIMUM 4400W PER 211 VOLT CIRCUIT. WHERE NECESSARY, DUE TO LIMITATIONS IN THE EXISTING CIRCUITRY, THIS CONTRACTOR SHALL FURNISH AND INSTALL 20A-1 POLE CIRCUIT BREAKERS AS REQUIRED IN EXISTING SPACE OF EXISTING PANEL, AND EXTEND 2 #2 AND 1 #2 GRD IN 3/4" CONDUIT COMPLETE AS REQUIRED. VERIFY CONDITIONS AND REQUIREMENTS IN FIELD.
4. EXTERIOR LIGHTING INVERTER #1, CONTACTOR AND NEW CONTROLS. REFER TO DETAIL FOR ADDITIONAL INFORMATION.

GENERAL NOTES

1. EMERGENCY SENSING LEADS SHALL BE CONNECTED TO CONSTANT HOT FEEDS FROM NORMAL LIGHTING IN ROOM. THIS FEED SHALL BE TAKEN AHEAD OF ANY EMERGENCY SHUTDOWNS, RELAYS, CONTACTORS OR SWITCHES.
2. REFER TO ARCHITECTURAL REFLECTED CEILING PLAN FOR EXACT LOCATION OF ALL CEILING MOUNTED LIGHT FIXTURES.
3. ROUTE CONDUIT AS TIGHT TO THE EXPOSED CEILING AND STRUCTURE AS POSSIBLE TO MAXIMIZE CEILING SPACE.
4. VERIFY TEACHING SURFACE WITH OWNER'S REPRESENTATIVE IN FIELD PRIOR TO INSTALLATION AND ADJUST SWITCHING TO PROPERLY ILLUMINATE TEACHING SURFACE. CAREFULLY COORDINATE FINAL SWITCHING WITH FINAL FURNITURE PLANS AND TEACHING WALL LOCATIONS.

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



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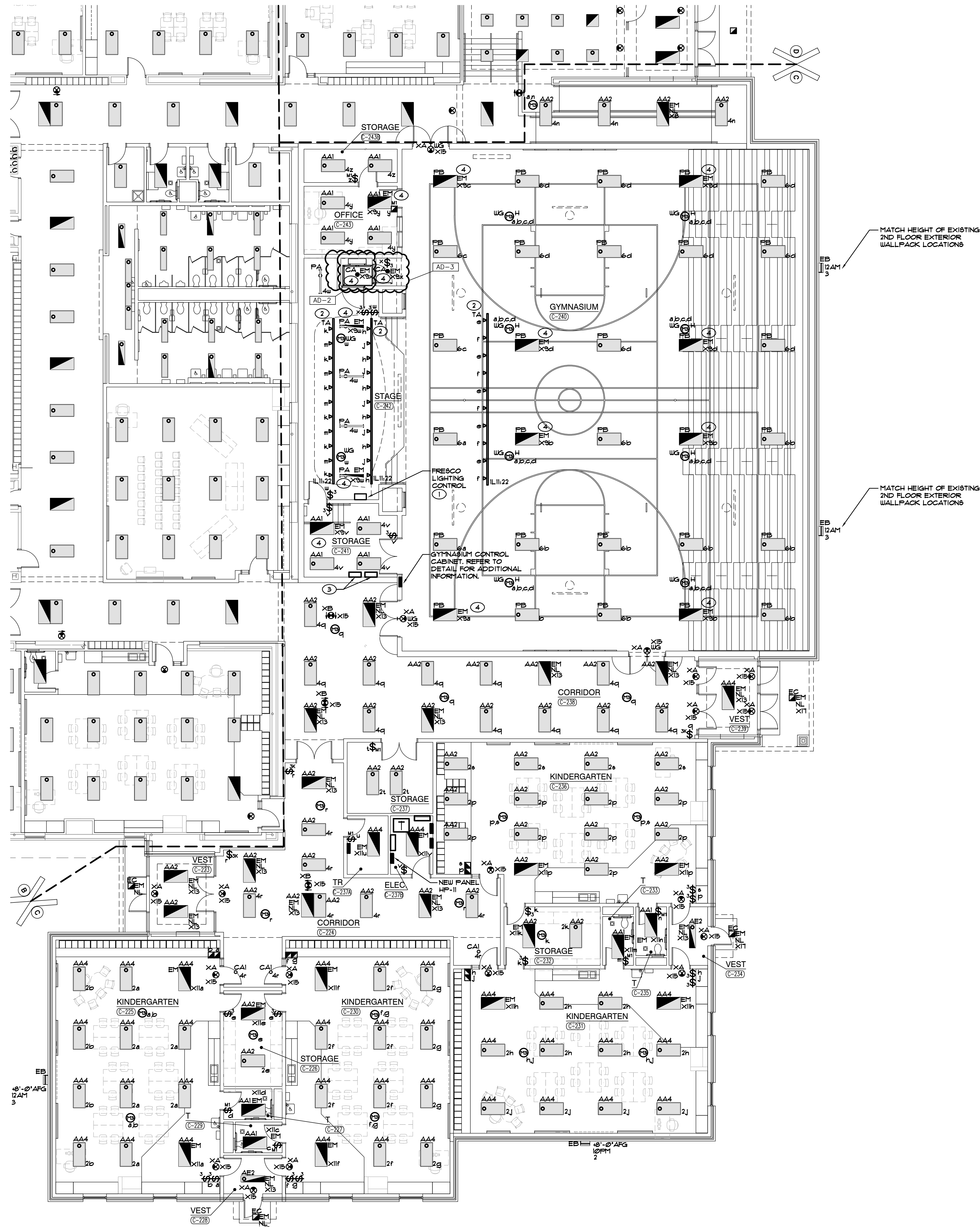
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PROJECT

**TIMOTHY BALL
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AND
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SCHOOL CORPORATION
CROWN POINT, INDIANA



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

GENERAL NOTES

1. CIRCUIT ALL NORMAL LIGHTING FIXTURES TO PANEL HP-II UNLESS OTHERWISE NOTED.
2. EMERGENCY SENSING LEADS SHALL BE CONNECTED TO CONSTANT HOT FEEDS FROM NORMAL LIGHTING IN ROOM. THIS FEED SHALL BE TAKEN AHEAD OF ANY EMERGENCY SHUTDOWNS, RELAYS, CONTACTORS OR SWITCHES.
3. REFER TO ARCHITECTURAL REFLECTED CEILING PLAN FOR EXACT LOCATION OF ALL CEILING MOUNTED LIGHT FIXTURES.
4. ROUTE CONDUIT AS TIGHT TO THE EXPOSED CEILINGS AND STRUCTURE AS POSSIBLE TO MAXIMIZE CEILING SPACE.
5. VERIFY TEACHING SURFACE WITH OWNER'S REPRESENTATIVE IN FIELD PRIOR TO INSTALLATION AND ADJUST SWITCHING TO PROPERLY ILLUMINATE TEACHING SURFACE. CAREFULLY COORDINATE FINAL SWITCHING WITH FINAL FURNITURE PLANS AND TEACHING WALL LOCATIONS.
6. CIRCUIT TAGS WITH AN 'X' PREFIX SHOWN WITH A SWITCH LEG SHALL BE A SWITCHED EMERGENCY FIXTURE CONNECTED TO EXISTING EMERGENCY PANEL IXH. THE FIXTURE SHALL BE PROVIDED WITH A UL924 RATED BYPASS DEVICE TO ALLOW THE FIXTURE TO BE CONTROLLED ALONG WITH THE NORMAL FIXTURES IN THE ROOM. UPON LOSS OF POWER, THE FIXTURE SHALL BE IMMEDIATELY POWERED TO 100% REGARDLESS OF SWITCH POSITION.
7. FIXTURES WITH A 'NL' TAG SHALL BE CONNECTED TO THE NIGHT LIGHT CIRCUIT INDICATED IN EXISTING EMERGENCY PANEL IXH.
8. EXIT SIGNS SHALL BE CONNECTED TO CIRCUIT INDICATED IN EXISTING EMERGENCY PANEL IXH.
9. TYPE FB EMERGENCY FIXTURES IN GYM TO BE PROVIDED WITH EMERGENCY POWER BY TWO (2) MYERS LV-5-X 100VA LIGHTING INVERTERS AND UL924 BYPASSES.

SHEET NOTES

1. PROVIDE A FULL ACUITY N-LIGHT STAND ALONE SYSTEM TO CONTROL THE GYMNASIUM AND STAGE LIGHTING. PROVIDE OCCUPANCY SENSORS, SWITCHES, ACCESSORIES, DEVICES, CABLES, ETC. FOR A COMPLETE AND PROPER INSTALLATION. LOW VOLTAGE CABLING SHALL BE ROUTED IN CONDUIT IN EXPOSED CEILINGS.
2. VERIFY EXACT LOCATION OF FIXTURE WITH ARCHITECT AND PROVIDE CUSTOM WIRE GUARD PROTECTION.
3. TWO (2) GYMNASIUM INVERTERS, PROVIDE TWO (2) MINIMUM 100VA MYERS LV-5-R-X SERIES INVERTERS OR APPROVED EQUAL. INVERTER SHALL BE LOCATED FOR EASY ACCESS AND PROPER COOLING IN ACCORDANCE WITH MANUFACTURER'S INSTRUCTIONS.
4. CONNECT EMERGENCY INTERIOR LIGHTING FIXTURES TO CIRCUIT INDICATED IN PANEL IXH VIA GYMNASIUM EMERGENCY INVERTERS. MEASURE AND BALANCE LOADS ACROSS INVERTERS PER MANUFACTURER'S INSTRUCTIONS. PROVIDE UL924 BYPASSES DEVICES TO ALLOW THE FIXTURE TO BE CONTROLLED ALONG WITH THE NORMAL LIGHTING IN THE ROOM. UPON LOSS OF POWER, FIXTURE SHALL BE IMMEDIATELY POWERED TO 100% FOR A MINIMUM OF 30 MINUTES. REGARDLESS OF SWITCH POSITION. VERIFY CONDITIONS AND REQUIREMENTS IN FIELD AND WITH LIGHTING CONTROLS MANUFACTURER. COMPLETE AS REQUIRED.

EXTERIOR LIGHTING NOTES

1. NEW EXTERIOR LIGHTING SHALL BE CONNECTED TO EXISTING EXTERIOR LIGHTING 277V, 20A CIRCUITS FROM EXISTING PANEL IHB VIA NEW TIME CLOCK CONTROL SYSTEM AND INVERTERS AS SPECIFIED.
2. CIRCUIT NUMBERS SHOWN ARE NOT ACTUAL, BUT ARE SHOWN TO INDICATE CIRCUITING REQUIREMENTS. VERIFY ACTUAL CIRCUIT ASSIGNMENTS IN FIELD.
3. IF EXISTING EXTERIOR LIGHTING DOES NOT HAVE SUFFICIENT CAPACITY FOR NEW LIGHTING FIXTURES, NEW 277V, 20A CIRCUITS (FROM EXISTING PANEL IHB) SHALL BE PROVIDED WITH NEW CIRCUITRY FROM NEW PANEL HP-II, COMPLETE AS REQUIRED.
4. EXTERIOR LIGHTING CIRCUITS #2 AND #3 SHALL BE CONNECTED TO EXISTING CIRCUITRY (FROM EXISTING PANEL IHB) VIA NEW TIME CLOCK, PHOTOCELL AND CONTACTORS.
5. EXTERIOR LIGHTING CIRCUIT #11 SHALL BE CONNECTED TO NEW 20A/1P CIRCUITRY FROM EXISTING EMERGENCY PANEL IXH VIA NEW TIME CLOCK, PHOTOCELL, CONTACTORS AND EXTERIOR LIGHTING INVERTER #1.
6. CONTRACTOR SHALL MODIFY AND REVISE EXISTING EXTERIOR LIGHTING CIRCUITRY (FROM EXISTING PANEL IHB) AS REQUIRED TO ACCOMPLISH NEW SWITCHING AND EMERGENCY CONTROL AS SPECIFIED. INVERTER CIRCUITS SHALL BE PROVIDED WITH INDEPENDENT RACEWAYS AND SHALL NOT SHARE RACEWAYS AND BOXES WITH NORMAL CIRCUITRY. PROVIDE NEW 20A/1P CIRCUITS FROM EXISTING EMERGENCY PANEL WHERE EXISTING CAPACITY IS NOT SUFFICIENT FOR NEW LOADS.



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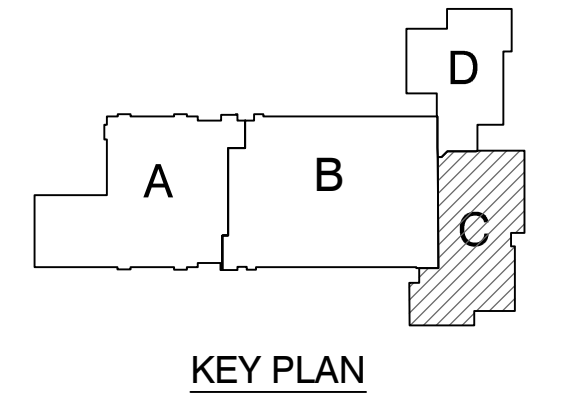
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PROJECT

**TIMOTHY BALL
ES ADDITION
AND
RENOVATIONS**

CROWN POINT COMMUNITY
SCHOOL CORPORATION
CROWN POINT, INDIANA



KEY PLAN

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PROJECT

21-112

DATE

02/07/21

COORDINATED BY

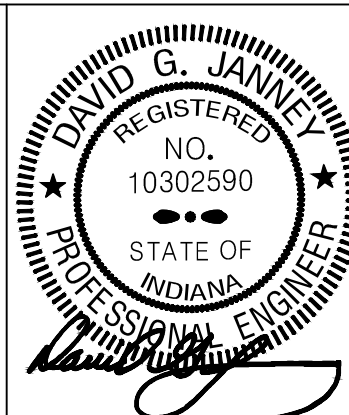
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REVISIONS

MARK	DATE	ISSUED FOR
AD-2	02/24/22	ADDENDUM NO. 2
AD-3	03/03/22	ADDENDUM NO. 3

DRAWING

**UNIT "C" ELECTRICAL
FIRST FLOOR LIGHTING
PLAN**

PROJECT

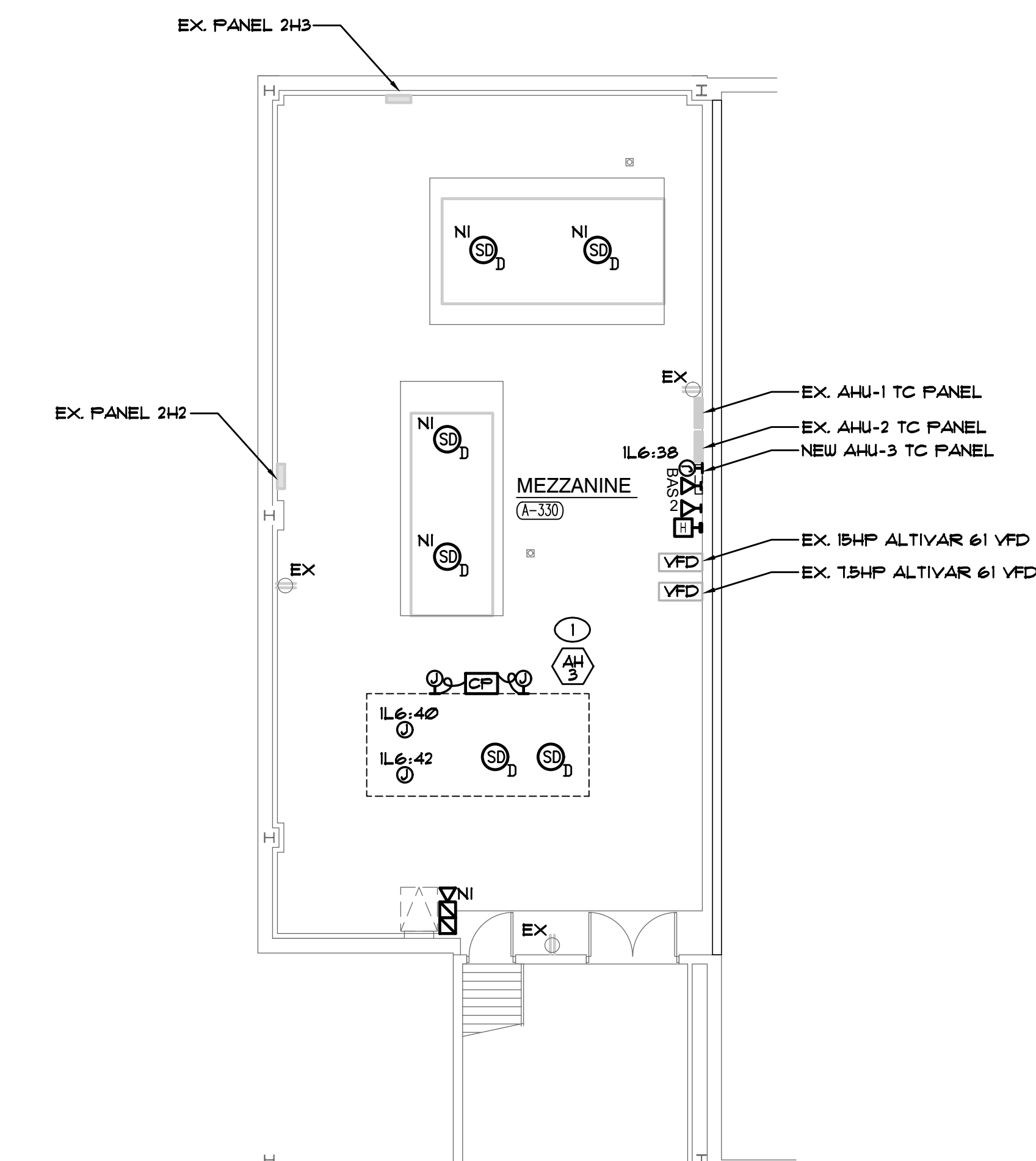
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RENOVATIONS**

GIBRALTAR DESIGN

SHEET

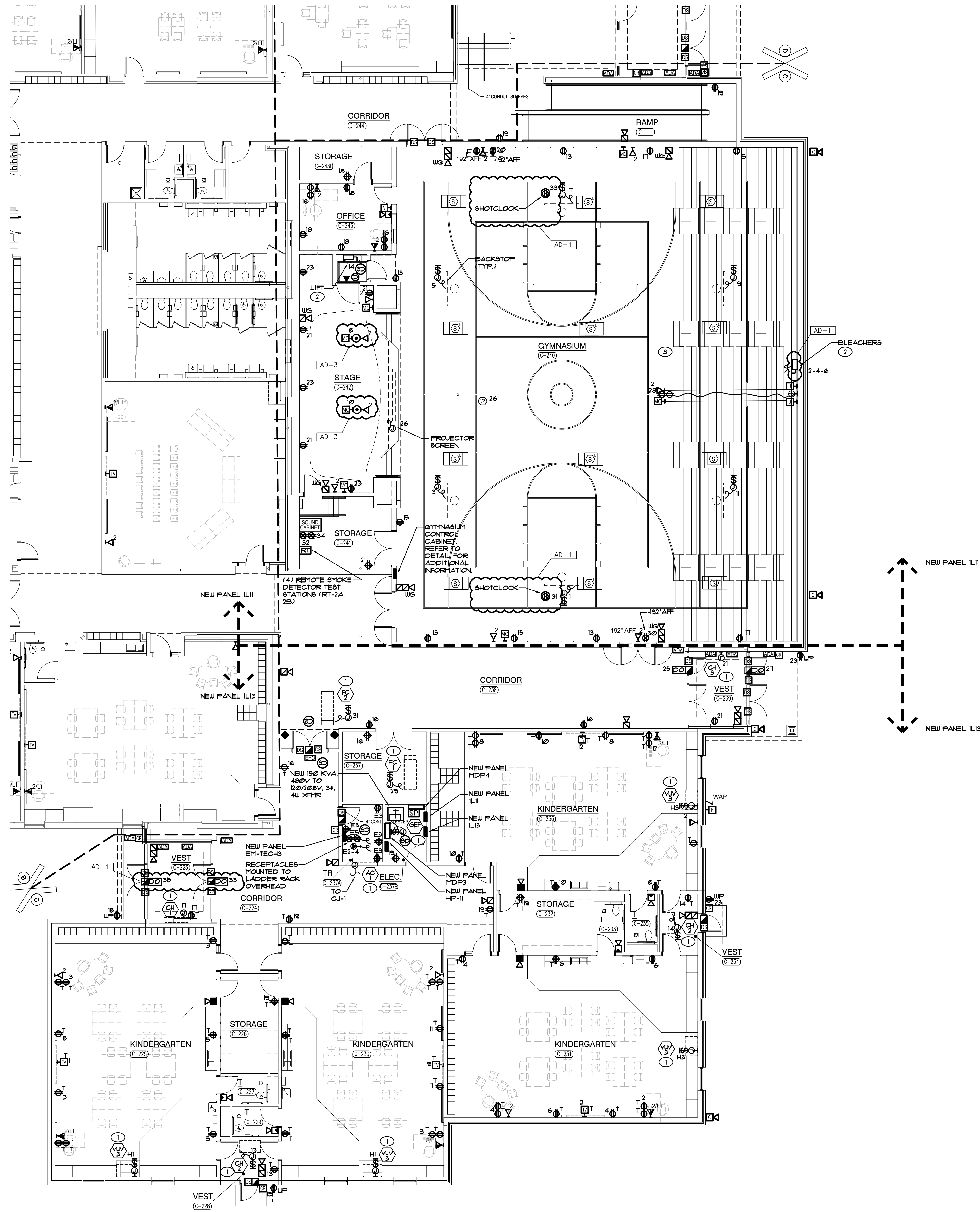
C

EL104



GIBRALTAR DESIGN
A,B SHEET
EP102

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



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

GENERAL NOTES

1. CIRCUIT ALL DEVICES TO PANEL INDICATED BY PANEL DIVISION LINES UNLESS OTHERWISE NOTED.
2. CIRCUIT ALL DEVICES WITH AN 'E' PREFIX TO PANEL EM-TECH3 UNLESS OTHERWISE NOTED.
3. CIRCUIT ALL DEVICES WITH AN 'H' PREFIX TO PANEL HP-II UNLESS OTHERWISE NOTED.
4. PROVIDE ALL LABOR AND MATERIAL TO PROVIDE THE NECESSARY ROUGH-INS, RACEWAYS AND ELECTRICAL SERVICES FOR ALL OF THE 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.

SHEET NOTES

1. REFER TO MECHANICAL EQUIPMENT CONNECTION SCHEDULE FOR ADDITIONAL CIRCUITING AND WIRING INFORMATION.
2. VERIFY EXACT POWER REQUIREMENTS WITH MANUFACTURER PRIOR TO ROUGH-IN.
3. PROVIDE FLEXIBLE RETRACTING CABLE CONNECTION FROM FRONT OF BLEACHER TO JUNCTION BOXES IN WALL. PROVIDE MINIMUM 2' CONDUIT CONNECTION FOR LOW VOLTAGE BOXES. PROVIDE 3/4" C FOR POWER, POWER AND LOW VOLTAGE TO BE SEPARATED.

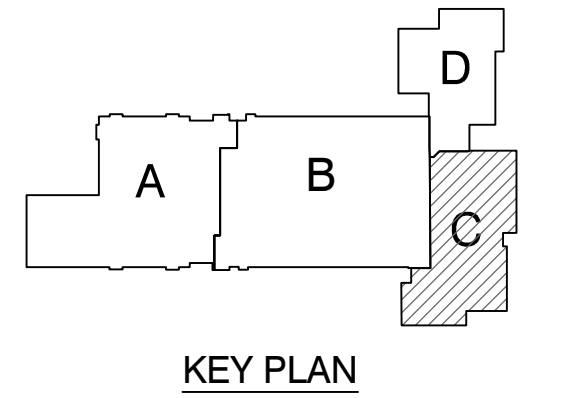


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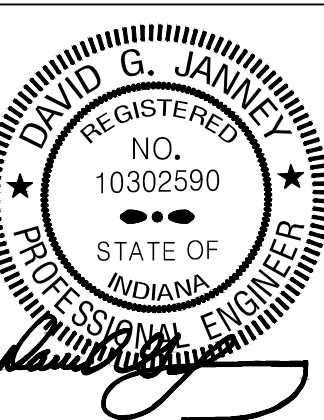
PROJECT
**TIMOTHY BALL
ES ADDITION
AND
RENOVATIONS**

CROWN POINT COMMUNITY
SCHOOL CORPORATION
CROWN POINT, INDIANA



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PROJECT: 21-112
DATE: 02/07/21
COORDINATED BY: SM
DRAWN BY: AG
CHECKED BY: DJ



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REVISIONS		
MARK	DATE	ISSUED FOR
AD-1	02/17/22	ADDENDUM NO. 1
AD-3	03/03/22	ADDENDUM NO. 3

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

PROJECT
**TIMOTHY BALL ES ADDITIONS AND
RENOVATIONS**

© GIBRALTAR DESIGN SHEET
C EP104

INTERIOR FIXTURES, EXTERIOR FIXTURES AND POLE FINISHES AND COLORS TO BE SELECTED BY ARCHITECT. THE ARCHITECT MAY, AT THEIR DISCRETION, CHOOSE A CUSTOM COLOR AT NO ADDITIONAL CHARGE.

2. PENDANT FIXTURES SPECIFIED ON THIS PROJECT SHALL BE CAREFULLY COORDINATED WITH CONTRACT DOCUMENTS AND FIXTURE MANUFACTURER AS EACH PENDANT FIXTURE IS A CUSTOM MANUFACTURED FIXTURE PROVIDE PENDANT EMERGENCY SECTIONS AND EMERGENCY CIRCUITS AS SHOWN. COORDINATE WITH FIXTURE MANUFACTURER AND PROVIDE ADDITIONAL ACCESSORIES FOR A COMPLETE AND PROPER INSTALLATION. PROVIDE PROPER FIXTURE LENGTH, FEEDS, SINGLE AND DUAL CIRCUITING AND SUSPENSION LENGTH AS SHOWN ON DRAWINGS, PROVIDE FABRICATION DRAWINGS FOR REVIEW AS PART OF THE SHOP DRAWING SUBMITTAL PROCESS.

3. LED FIXTURES (LESS THAN 10000 LUMENS) SHALL BE PROVIDED WITH FACTORY INSTALLED INTEGRAL EMERGENCY BATTERY UNITS BATTERY UNITS SHALL PROVIDE A MINIMUM OF 1400 LUMENS.

4. FIXTURES THAT CANNOT BE PROVIDED WITH EMERGENCY BALLASTS OR FIXTURES WITH BALLASTS THAT 10000 LUMENS SHALL BE PROVIDED WITH EMERGENCY INVERTER (NITEVIEW LV SERIES OR APPROVED EQUAL) WITH SUITABLE CAPACITY TO POWER FIXTURE FOR A MINIMUM OF 90 MINUTES PER CODE. VERIFY SIZING AND REQUIREMENTS WITH CONTRACT DOCUMENTS PRIOR TO ORDERING.

5. SHADED FIXTURES SHALL HAVE AN EMERGENCY SOURCE OF POWER AS SPECIFIED.

6. EXTERIOR LIGHTING POLES SHALL BE PROVIDED WITH STRAIGHT SQUARE ALUMINUM POLE WITH CASE BACKS OVERS AND VIBRATION DAMPENERS. THE POLES SHALL BE SIZED PROPERLY TO SUPPORT FIXTURE WEIGHT AT 100 MPH WIND WITH A 1.5 SAFETY FACTOR. MINIMUM POLE SIZE TO BE 8" SQUARE. PROVIDE ADDITIONAL MOUNTING ACCESSORIES AS REQUIRED FOR A COMPLETE AND PROPER INSTALLATION.

7. FOR EXTERIOR POLE MOUNTED LIGHTING, PROVIDE FACTORY MOUNTED HOUSE SIDE SHIELDS INTEGRAL TO THE FIXTURE AS SPECIFIED. ADDITIONALLY, PROVIDE CUSTOM FABRICATED POLE MOUNTED HOUSE SIDE SHIELDING AS REQUIRED TO CONTROL LIGHT TRESPASS AND COMPLY WITH LOCAL REQUIREMENTS.

8. FIXTURES WITH EMERGENCY BATTERIES SHALL BE PROVIDED WITH CONSTANT HOT SENSING WIRE SO THAT FIXTURE CAN BE SWITCHED ON AND OFF WITHOUT ACTIVATING EMERGENCY BALLAST. UPON LOSS OF POWER, THE FIXTURE SHALL BE ILLUMINATED FOR A MINIMUM OF 90 MINUTES REGARDLESS OF THE LIGHT SWITCH POSITION. PROVIDE TEST SWITCH AND CHARGING INDICATOR FOR EMERGENCY BATTERY AS SPECIFIED.

9. ALL INTEGRAL EMERGENCY BATTERIES USED IN EXTERIOR APPLICATIONS SHALL HAVE A MINIMUM STARTING TEMPERATURE OF -20 DEGREES F UNLESS OTHERWISE SPECIFIED.

10. CAREFULLY COORDINATE MOUNTING REQUIREMENTS FOR FIXTURES WITH CONTRACT DOCUMENTS AND FIXTURE MANUFACTURER. PROVIDE APPROPRIATE MOUNTING FRAMES FOR LAY-IN OR GYPSUM CEILINGS. VERIFY CEILING REQUIREMENTS WITH FINAL ARCHITECTURAL REFLECTED CEILING PLAN.

11. COMPLETE PHOTOMETRICS OF THE INTERIOR AND EXTERIOR LIGHTING SHALL BE SUBMITTED ALONG WITH SHOP DRAWINGS FOR REVIEW FOR FINISHED SPACES. 80/50/20 REFLECTANCES SHALL BE UTILIZED. FOR UNFINISHED SPACES 50/50/20 REFLECTANCE SHALL BE UTILIZED. THE LLD VALUE THAT SHALL BE UTILIZED FOR 80/50/20 REFLECTANCE SHALL BE 1.0. PROVIDE NECESSARY EQUIPMENT LIDS, AND SHALL CONFORM TO LOCAL REQUIREMENTS.

12. VERIFY FIXTURE MOUNTING HEIGHTS WITH ARCHITECT PRIOR TO ROUGH-IN.

13. VERIFY VOLTAGES OF EXISTING LIGHTING CIRCUITRY PRIOR TO ORDERING FIXTURES.

14. FOR FIXTURES INSTALLED IN CASEWORK, VERIFY FIXTURE FIT WITH CASEWORK SHOP DRAWINGS PRIOR TO ORDERING.

15. PROVIDE CUSTOM ANTI-SWAY BRACING FOR PENDANT TO ELIMINATE PENDANT MOVEMENT DUE TO AIR MOVEMENT OR ENVIRONMENTAL CAUSES.

16. 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.

17. 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.

18. PROVIDE 3000K COLOR TEMPERATURE IN SPECIAL EDUCATION SPACES AS SPECIFIED.

19. 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 LID TIMES, DELIVER SUBMITTALS FOR REVIEW IN A TIMELY FASHION, AND PLACE ORDERS ACCORDINGLY TO ENSURE TIMELY DELIVERY.

20. 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.

21. LIGHT FIXTURE TRANSFORMERS SHALL BE INTEGRAL STEP DOWN TRANSFORMERS PER NEC 210.6(C). IF AN INTEGRAL STEP DOWN TRANSFORMER IS NOT AVAILABLE, PROVIDE A 120V CONNECTION FOR LIGHT FIXTURES AND ADDITIONAL CONTROL DEVICES AS REQUIRED TO PROTECT FROM OVER CURRENT. FIXTURES ALONG WITH OTHER 277V LIGHTING IN ROOM, VERIFY CONDITIONS AND REQUIREMENTS, COMPLETE AS REQUIRED.

22. CAREFULLY COORDINATE VOLTAGES OF FIXTURES PRIOR TO ORDERING FIXTURES.

23. APPROVED EQUALS SHALL BE CONSIDERED FROM THE FOLLOWING VENDORS: KSA LIGHTING (632)2011888, PORCE CHAMGO (312)3661515, PG ENLIGHTEN (847)2281933 OR ARCHIBALD AND MEEK (630)833.1371.

24. CAREFULLY VERIFY COLOR TEMPERATURE OF FIXTURES WITH ARCHITECT PRIOR TO ORDERING.

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 WITH HOUSE SHIELD.	LITHONIA FLXV-LED-PK-BK-T4T-271-8PA-H9-XX NO SUBSTITUTIONS AD-2	271 VOLT AD-3	LED 6000K MIN 1020LM MAX 163W	POLE MTD 25'-0" AFG	-PROVIDE 85A-22-6-XX POLE OR APPROVED EQUAL
EAI	■ □	EXTERIOR LED FIXTURE MOUNTED ON A STRAIGHT, SQUARE ALUMINUM POLE	LITHONIA FLXV-LED-PK-BK-TM-271-8PA-XX NO SUBSTITUTIONS AD-2	271 VOLT AD-3	LED 6000K MIN 1020LM MAX 163W	POLE MTD 25'-0" AFG	-PROVIDE 85A-22-6-XX POLE OR APPROVED EQUAL
EA2	■ □	EXTERIOR LED FIXTURE MOUNTED ON A STRAIGHT, SQUARE ALUMINUM POLE	LITHONIA FLXV-LED-PK-BK-TM-271-8PA-XX NO SUBSTITUTIONS AD-2	271 VOLT AD-3	LED 6000K MIN 2020LM MAX 163W	POLE MTD 25'-0" AFG	-PROVIDE 85A-22-6-XX POLE OR APPROVED EQUAL
EA3	■ □	EXTERIOR LED FIXTURE MOUNTED ON A STRAIGHT, SQUARE ALUMINUM POLE	LITHONIA FLXV-LED-PK-BK-LCCO-271-8PA-XX NO SUBSTITUTIONS AD-2	271 VOLT AD-3	LED 6000K MIN 1020LM MAX 163W	POLE MTD 25'-0" AFG	-PROVIDE 85A-22-6-XX POLE OR APPROVED EQUAL
EA4	■ □	EXTERIOR LED FIXTURE MOUNTED ON A STRAIGHT, SQUARE ALUMINUM POLE	LITHONIA FLXV-LED-PL-BK-TIS-271-8PA-XX NO SUBSTITUTIONS AD-2	271 VOLT AD-3	LED 6000K MIN 1020LM MAX 84W	POLE MTD 25'-0" AFG	-PROVIDE 85A-22-6-XX POLE OR APPROVED EQUAL
EA5	■ □	EXTERIOR LED FIXTURE MOUNTED ON A STRAIGHT, SQUARE ALUMINUM POLE	LITHONIA FLXV-LED-PK-BK-TM-271-8PA-XX NO SUBSTITUTIONS AD-2	271 VOLT AD-3	LED 6000K MIN 1020LM MAX 163W	POLE MTD 25'-0" AFG	-PROVIDE 85A-22-6-XX POLE OR APPROVED EQUAL
EA6	■ □	EXTERIOR LED FIXTURE MOUNTED ON A STRAIGHT, SQUARE ALUMINUM POLE WITH GLARE SHIELD	LITHONIA FLXV-LED-PL-BK-T4M-271-8PA-EGG-XX NO SUBSTITUTIONS	271 VOLT	LED 6000K MIN 6302LM MAX 84W	POLE MTD 15'-0" AFG	-PROVIDE 85A-12-6-XX POLE OR APPROVED EQUAL
EB	=	EXTERIOR LED WALL MOUNTED LIGHT FIXTURE	LITHONIA FLXBL-1HP-SERIES LITGRSW H85 SERIES AD-2	271 VOLT AD-3	LED 5000K MIN 3000LM MAX 30W	WALL MTD AS NOTED	-VERIFY FINISH WITH ARCHITECT.
EC	□	LED 1'x1' CANOPY FIXTURE	LITHONIA HYPERLITE-MVT-DDB-HPH1-M4 OR APPROVED EQUAL AD-2	271 VOLT AD-3	LED 5000K MIN 4200LM MAX 4TW	SURFACE CANOPY MOUNTED	-VERIFY TRIM FINISH WITH ARCHITECT -IC RATED
ED	○	LED IN-GRADE SITE FIXTURE FOR FLAGPOLE WITH FINISH TO BE SELECTED BY ARCHITECT	HYDRAL MYTRIC-X-LED-IP4-50K-MVOLT- DDB-HPH1-M4 OR APPROVED EQUAL AD-2	271 VOLT AD-3	LED 5000K MIN 1020LM MAX 50W	RECESSED IN-GRADE	-VERIFY TRIM FINISH WITH ARCHITECT

FURNISH AND INSTALL PHOTOCELL AT NORTH WALL PARAPET FACING NORTH. ROUTE 2 #12 AWG IN 1" CONDUIT TO PHOTOCELL CONCEALED IN CEILING SPACE UP THROUGH PATE PIPE CURB, ON ROOF, TO PHOTOCELL. PROVIDE WEATHER TIGHT PATE PIPE CURB, FLASH, AND COUNTER FLASH COMPLETE AS REQUIRED.

TO LOADS

EXISTING PANEL
IHS
120/208V
3ø, 4W IN ELECTRICAL ROOM

CONTACTOR
(2) 20A/1P
(DUSK/DAWN)

CONTACTOR
(2) 20A/1P
(NIGHT LIGHT)

CONTACTOR
(2) 20A/1P
(12AM)

CONTACTOR
(2) 20A/1P
(10PM)

HOA MANUAL OVERRIDE SWITCHES

EXTERIOR LIGHTING INVERTER #1
MYERS L.V-5
1160VA

HOA MANUAL OVERRIDE SWITCHES

BUILDING AUTOMATION SYSTEM

AD-3

REFER TO MECHANICAL BUILDING AUTOMATION SYSTEM (BAS) SPECIFICATIONS FOR ADDITIONAL INFORMATION. PROVIDE ALL RELAYS AND CONTACTORS AS REQUIRED TO INTERFACE EXTERIOR LIGHTING FIXTURES TO BUILDING AUTOMATION SYSTEM, COMPLETE AS REQUIRED. COORDINATE WITH BAS VENDOR PRIOR TO ORDERING EQUIPMENT.

NOTES:
PROVIDE ADDITIONAL ACCESSORIES AND UL324 BYPASSAS AS REQUIRED TO ACCOMPLISH PROPER EMERGENCY LIGHTING CONTROL. UPON LOSS OF POWER, CONTACTORS SHALL BE BYPASSED, AND EMERGENCY POWER FIXTURES SHALL BE FULLY ON REGARDLESS OF LIGHTING CONTROL SYSTEM STATE.

VERIFY ACCEPTABILITY OF THE CLOCK SETTINGS WITH OWNER'S REPRESENTATIVE PRIOR TO START OF WORK.

EXISTING PANEL
HP-8
120/208V
3ø, 4W IN ELECTRICAL ROOM

CONTACTOR
(2) 20A/1P
(NIGHT LIGHT)

CONTACTOR
(2) 20A/1P
(12AM)

CONTACTOR
(2) 20A/1P
(10PM)

TO LOADS

TO LOADS

TO LOADS

TAG	SYMBOL	DESCRIPTION	MANUFACTURER SERIES OR CATALOG NUMBER	VOLTAGE/ BALLAST	LAMPS/CROSS SECTION	MOUNTING	REMARKS
AA		2' X 4' LED DIRECT/INDIRECT FIXTURE	LITHONIA *BLT4-42L-ADP-EZI-LF840 COLUMBIA %CAT24 SERIES METALUX %4C22 SERIES	120/271 VOLT 0-10V DIM	LED 4000K MAX 32W MIN 4000LM	RECESSED LAY-IN	-
AA1		2' X 4' LED DIRECT/INDIRECT FIXTURE	LITHONIA *BLT4-48L-ADP-EZI-LF840 COLUMBIA %CAT24 SERIES METALUX %4C22 SERIES	120/271 VOLT 0-10V DIM	LED 4000K MAX 38W MIN 4800LM	RECESSED LAY-IN	-
AA2		2' X 4' LED DIRECT/INDIRECT FIXTURE	LITHONIA *BLT4-60L-ADP-EZI-LF840 COLUMBIA %CAT24 SERIES METALUX %4C22 SERIES	120/271 VOLT 0-10V DIM	LED 4000K MAX 48W MIN 6000LM	RECESSED LAY-IN	-
AA3		2' X 4' LED DIRECT/INDIRECT FIXTURE	LITHONIA *BLT4-60L-ADP-EZI-LF850 COLUMBIA %CAT24 SERIES METALUX %4C22 SERIES	120/271 VOLT 0-10V DIM	LED 5000K MAX 48W MIN 6000LM	RECESSED LAY-IN	-
AA4		2' X 4' LED DIRECT/INDIRECT FIXTURE	LITHONIA *BLT4-72L-ADP-EZI-LF840 COLUMBIA %CAT24 SERIES METALUX %4C22 SERIES	120/271 VOLT 0-10V DIM	LED 4000K MAX 61W MIN 7200LM	RECESSED LAY-IN	-
AB		2' X 2' LED DIRECT/INDIRECT FIXTURE	LITHONIA *BLT2-40L-ADP-EZI-LF840 COLUMBIA %CAT22 SERIES METALUX %2C22 SERIES	120/271 VOLT 0-10V DIM	LED 4000K MAX 32W MIN 4000LM	RECESSED LAY-IN	-
AB1		2' X 2' LED DIRECT/INDIRECT FIXTURE	LITHONIA *BLT2-48L-ADP-EZI-LF840 COLUMBIA %CAT22 SERIES METALUX %2C22 SERIES	120/271 VOLT 0-10V DIM	LED 4000K MAX 48W MIN 4800LM	RECESSED LAY-IN	-
AC		2' X 4' LED LENSED KITCHEN TROFFER FIXTURE WITH INVERTED LENS AND TRIPLE GASKETING	LITHONIA *GTL4-88L-RW-A19IN-MVOLT-EZI- LF840-ABC COLUMBIA %CAT24 SERIES METALUX %SR LED SERIES	120/271 VOLT 0-10V DIM	LED 4000K MAX 16W MIN 8800 LM	RECESSED LAY-IN	-INVERTED LENS AND TRIPLE GASKETING
AE		1' X 4' LED DIRECT/INDIRECT FIXTURE	LITHONIA *BLT4-40L-ADP-EZI-LF840 COLUMBIA %CAT24 SERIES METALUX %4C22 SERIES	120/271 VOLT 0-10V DIM	LED 4000K MAX 48W MIN 4000LM	RECESSED LAY-IN	* AD-2
AE1		1' X 4' LED DIRECT/INDIRECT FIXTURE	LITHONIA *BLT4-48L-ADP-EZI-LF840 COLUMBIA %CAT24 SERIES METALUX %4C22 SERIES	120/271 VOLT 0-10V DIM	LED 4000K MAX 48W MIN 4800LM	RECESSED LAY-IN	* AD-2
AE2		1' X 4' LED DIRECT/INDIRECT FIXTURE	LITHONIA *BLT4-60L-ADP-EZI-LF840 COLUMBIA %CAT24 SERIES METALUX %4C22 SERIES	120/271 VOLT 0-10V DIM	LED 4000K MAX 50W MIN 6000LM	RECESSED LAY-IN	* AD-2
AE3		1' X 4' LED DIRECT/INDIRECT FIXTURE	LITHONIA *BLT4-60L-ADP-EZI-LF840 COLUMBIA %CAT24 SERIES METALUX %4C22 SERIES	120/271 VOLT 0-10V DIM	LED 4000K MAX 16W MIN 3000LM	RECESSED GYPSUM	-PROVIDE WITH DRYWALL GRID ADAPTER (PGA14)
AE4		1' X 4' LED DIRECT/INDIRECT FIXTURE	LITHONIA *BLT4-40L-ADP-EZI-LF840 COLUMBIA %CAT24 SERIES METALUX %4C22 SERIES	120/271 VOLT 0-10V DIM	LED 4000K MAX 33W MIN 4000LM	RECESSED GYPSUM	-PROVIDE WITH DRYWALL GRID ADAPTER (PGA14)
CA		6" DIAMETER LED DOWNLIGHT WITH SEMI-REGULAR ALZAK REFLECTOR, IRIDESCENT FREE FINISH, 4 WHITE FLANGE	LITHONIA *LDN6-40-10-L06-AR-L85-MVOLT- EZIO-XX PRESOLITE ALTR SERIES PORTFOLIO *LD6B SERIES	120/271 VOLT 0-10V DIM	LED 4000K MAX 11W MIN 1000LM	RECESSED LAY-IN/ GYPSUM	-VERIFY TRIM FINISH WITH ARCHITECT
CA1		6" DIAMETER LED DOWNLIGHT WITH SEMI-REGULAR ALZAK REFLECTOR, IRIDESCENT FREE FINISH, 4 WHITE FLANGE	LITHONIA *LDN6-40-15-L06-AR-L85-MVOLT- EZIO-XX PRESOLITE ALTR SERIES PORTFOLIO *LD6B SERIES	120/271 VOLT 0-10V DIM	LED 4000K MAX 18W MIN 1500LM	RECESSED LAY-IN/ GYPSUM	-VERIFY TRIM FINISH WITH ARCHITECT
PA		4' LED INDUSTRIAL FIXTURE WITH WIREGUARD AND SAFETY CHAINS	LITHONIA *CLX-L48-10000LM-BEF-FDL-MVOLT- 42K-80CRI-UGX-XX-XX COLUMBIA %ML4 SERIES METALUX %HPB SERIES	120/271 VOLT 0-10V DIM	LED 4000K MAX 48W MIN 10000LM	Y" CHAIN SUSPEND	-COORD LOCATIONS WITH DUETWORK & PIPING
PB		LED HIGH BAY FIXTURE WITH WIREGUARD AND SAFETY CABLE	LITHONIA *BG-24L-BEF-AFL-GND-MVOLT-GZ10- 42K-80CRI-UGX-XX-XX COLUMBIA %ML4 SERIES METALUX %HPB SERIES	120/271 VOLT 0-10V DIM	LED 4000K MAX 130W 24,000LM	CABLE MTD 6" ABOVE BOTTOM OF STRUCTURE	-PROVIDE WIREGUARD AND SAFETY CABLE
FC		SUSPENDED LED CYLINDER PENDANT	VISA *CP16-140-H-MVOLT-XX-XX OR APPROVED EQUAL	120/271 VOLT 0-10V DIM	LED 4000K MAX 16W MIN 1000LM	SUSPENDED WIRE W/ ARCHITECT	-VERIFY FINISH WITH ARCHITECT
TA		TRACK LIGHT FIXTURE WITH LED PAR30 DIMMABLE HEAD, TWO CIRCUIT TWO NEUTRAL TRACK WITH PAR30 PARS	CON-TECH *CTLB030-B-PA-30-BD30 PROVIDE WITH NTEK-X-B TRACK JUNO *TEK SERIES OR APPROVED EQUAL	120 VOLT	ONE (1) LED 18W EQUIV PAR 30 PER HEAD	36" STEM MOUNTED TO STRUCT	-PROVIDE ALL MOUNTING ACCESSORIES -VERIFY FINISH WITH ARCHITECT
XA		SINGLE FACE EXIT, AC ONLY	DUAL-LITE *E-S-X-1-B-X SURE-LITE %X SERIES	120/271 VOLT	LED MAX 3W	CEILING WALL	-VERIFY FINISH WITH ARCHITECT -PROVIDE WITH ARROUS AS REQUIRED
XB		SINGLE FACE EXIT, AC ONLY	DUAL-LITE *E-S-X-1-B-X SURE-LITE %X SERIES	120/271 VOLT	LED MAX 3W	CEILING WALL	-VERIFY FINISH WITH ARCHITECT -PROVIDE WITH ARROUS AS REQUIRED
EM		FIXTURE ON EMERGENCY CIRCUIT WITH 90 MINUTE, 1400 LUMEN OUTPUT BATTERY UNIT OR INVERTER	BODINE FACTORY INSTALLED DRIVER OR HYBERS LV SERIES INVERTER	120/271 VOLT	-	IN FIXTURE/ REMOTE	-PROVIDE TEST SWITCH AND CHARGING INDICATOR
NL		CONSTANT NIGHT, UNSWITCHED NIGHT LIGHT FIXTURE					

BURY AND MARK 18" METAL SPIKE W/ 1/2" DIAMETER HEAD AT LOCATION OR END CAPS IN GRASS AREA FOR FUTURE EXTENSION BY UTILITY CO. INSTALL AND MARK SPIKES FLUSH W/ GRADE SUCH THAT NO TRIPPING HAZARD EXISTS.

NEW GREEN AREA/CONCRETE

NEW GRADE-(GRASS OR CONCRETE)

COMPACT FILL EVEN WITH BOTTOM OF CONCRETE

WARNING TAPE STATING "CAUTION BURIED ELECTRICAL LINES" - RUN CONTINUOUSLY THROUGHOUT TRENCH.

RENDER REMOVED SOIL ROCK FREE, BACK FILL, AND COMPACT IN 6" LAYERS

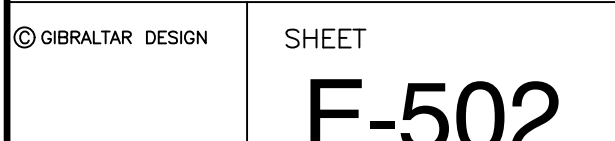
ROUTE CONDUIT AS INDICATED ON SITE UTILITY PLAN. VERIFY CONDITIONS, REQUIREMENTS AND ROUTING IN FIELD.

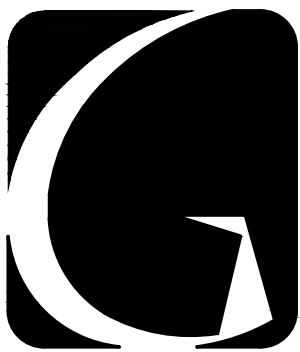
PROVIDE END CAP AT LOCATIONS INDICATED ON PLANS FOR FUTURE EXTENSION

LEGEND:

--- INDICATES CONDUIT ROUTED MINIMUM 36" BELOW GRADE AND LISTED FOR DIRECT BURIAL WITH NYLON PULL WIRE. COORDINATE CONDUIT TYPE WITH SPECIFICATIONS. REGARDLESS OF THE SPECIFIED CONDUIT, ALL CONDUIT BENDS SHALL BE GALVANIZED RIGID STEEL CONDUIT WITH NO LESS THAN 36" BENDING RADIUS.

[PROPERLY TERMINATE, CAP AND SPIKE WITH 18" METAL SPIKE W/ 1/2" DIAMETER FOR FUTURE EXTENSION.





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PROJECT

**TIMOTHY BALL
ES ADDITION
AND
RENOVATIONS**

CROWN POINT COMMUNITY
SCHOOL CORPORATION
CROWN POINT, INDIANA

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REVISIONS

MARK	DATE	ISSUED FOR
AD-3	03/03/22	ADDENDUM NO. 3

DRAWING
ELECTRICAL SCHEDULES

PROJECT
TIMOTHY BALL ES ADDITIONS AND
RENOVATIONS

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E-601

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		
AH-3	AIR HANDLING UNIT	13671	-	16	14	-	-	480	3	EX. 2H2	13-15-17	25A/3P	4 #10 4 1 #10 GRD.	3/4"	X	-	-	-
AH-3	AIR HANDLING UNIT	9145	6	-	-	-	-	480	3	EX. 2H2	14-16-18	20A/3P	4 #12 4 1 #12 GRD.	3/4"	X	-	-	-
B-1	BOILER	960	-	-	8	-	15	120	1	EX. IL2	19	15A/1P	2 #12 4 1 #12 GRD.	3/4"	X	-	-	-
B-2	BOILER	960	-	-	8	-	15	120	1	EX. IL2	21	15A/1P	2 #12 4 1 #12 GRD.	3/4"	X	-	-	-
B-3	BOILER	960	-	-	8	-	15	120	1	EX. IL2	23	15A/1P	2 #12 4 1 #12 GRD.	3/4"	X	-	-	-
RT-1	ROOFTOP UNIT	64688	-	78	-	-	125	480	3	MDP3	ONE-LINE	125A/3P	4 #10 4 1 #6 GRD.	2"	X	-	-	-
RT-2A	ROOFTOP UNIT	61262	-	81	-	-	125	480	3	MDP3	ONE-LINE	125A/3P	4 #10 4 1 #6 GRD.	2"	X	-	-	-
RT-2B	ROOFTOP UNIT	61262	-	81	-	-	125	480	3	MDP3	ONE-LINE	125A/3P	4 #10 4 1 #6 GRD.	2"	X	-	-	-
VUV-1	UNIT VENTILATOR	720	-	-	-	3	-	277	1	VARIES	VARIES	20A/1P	2 #12 4 1 #12 GRD.	3/4"	X	-	-	-
VUV-2	UNIT VENTILATOR	1136	-	-	-	4	-	277	1	VARIES	VARIES	20A/1P	2 #12 4 1 #12 GRD.	3/4"	X	-	-	-
VUV-3	UNIT VENTILATOR	1524	-	-	-	6	-	277	1	VARIES	VARIES	20A/1P	2 #12 4 1 #12 GRD.	3/4"	X	-	-	-
VUV-4	UNIT VENTILATOR	1524	-	-	-	6	-	277	1	VARIES	VARIES	20A/1P	2 #12 4 1 #12 GRD.	3/4"	X	-	-	-
FC-1	FAN COIL UNIT	466	-	4	-	-	15	120	1	VARIES	VARIES	15A/1P	2 #12 4 1 #12 GRD.	3/4"	X	-	-	-
FC-2	FAN COIL UNIT	728	-	6	-	-	15	120	1	VARIES	VARIES	15A/1P	2 #12 4 1 #12 GRD.	3/4"	X	-	-	-
FC-3	FAN COIL UNIT	583	-	3	-	-	15	208	1	BCP-2	61-63	15A/2P	3 #12 4 1 #12 GRD.	3/4"	X	-	-	-
CH-1	CABINET HEATER	336	-	3	-	-	15	120	1	VARIES	VARIES	20A/1P	2 #12 4 1 #12 GRD.	3/4"	X	-	-	-
CH-2	CABINET HEATER	336	-	3	-	-	15	120	1	VARIES	VARIES	20A/1P	2 #12 4 1 #12 GRD.	3/4"	X	-	-	-
CH-3	CABINET HEATER	336	-	3	-	-	15	120	1	VARIES	VARIES	20A/1P	2 #12 4 1 #12 GRD.	3/4"	X	-	-	-
CH-4	CABINET HEATER	346	-	3	-	-	15	120	1	VARIES	VARIES	20A/1P	2 #12 4 1 #12 GRD.	3/4"	X	-	-	-
CH-5	CABINET HEATER	336	-	3	-	-	15	120	1	VARIES	VARIES	20A/1P	2 #12 4 1 #12 GRD.	3/4"	X	-	-	-
CH-6	CABINET HEATER	348	-	3	-	-	15	120	1	VARIES	VARIES	20A/1P	2 #12 4 1 #12 GRD.	3/4"	X	-	-	-
TEF-1	ROOF TOILET EXHAUST FAN	528	1/8	-	-	-	-	120	1	NEW IL12	44	15A/1P	2 #12 4 1 #12 GRD.	3/4"	X	-	-	-
TEF-2	ROOF TOILET EXHAUST FAN	528	1/8	-	-	-	-	120	1	NEW IL12	46	15A/1P	2 #12 4 1 #12 GRD.	3/4"	X	-	-	-
TEF-3	ROOF TOILET EXHAUST FAN	528	1/8	-	-	-	-	120	1	NEW IL12	48	15A/1P	2 #12 4 1 #12 GRD.	3/4"	X	-	-	-
TEF-4	ROOF TOILET EXHAUST FAN	528	1/8	-	-	-	-	120	1	NEW IL13	22	15A/1P	2 #12 4 1 #12 GRD.	3/4"	X	-	-	-
TEF-5	ROOF TOILET EXHAUST FAN	528	1/8	-	-	-	-	120	1	NEW IL13	24	15A/1P	2 #12 4 1 #12 GRD.	3/4"	X	-	-	-
TEF-6	ROOF TOILET EXHAUST FAN	1920	1	-	-	-	-	120	1	EX. IL7	13	30A/1P	2 #10 4 1 #10 GRD.	3/4"	X	-	-	-
TEF-7	ROOF TOILET EXHAUST FAN	864	1/3	-	-	-	-	120	1	EX. IL7	15	20A/1P	2 #12 4 1 #12 GRD.	3/4"	X	-	-	-
TEF-8	ROOF TOILET EXHAUST FAN	528	1/8	-	-	-	-	120	1	EX. IL7	17	15A/1P	2 #12 4 1 #12 GRD.	3/4"	X	-	-	-
TEF-9	INLINE TOILET EXHAUST FAN	528	1/8	-	-	-	-	120	1	EX. IL6	39	15A/1P	2 #12 4 1 #12 GRD.	3/4"	X	-	-	-
TEF-10	ROOF TOILET EXHAUST FAN	528	1/8	-	-	-	-	120	1	EX. IL4	37	15A/1P	2 #12 4 1 #12 GRD.	3/4"	X	-	-	-
TEF-11	ROOF TOILET EXHAUST FAN	528	1/8	-	-	-	-	120	1	EX. IL4	41	15A/1P	2 #12 4 1 #12 GRD.	3/4"	X	-	-	-
TEF-12	CEILING TOILET EXHAUST FAN	2825	2	-	-	-	-	208	1	EX. 2L1	26-28	25A/2P	3 #10 4 1 #10 GRD.	3/4"	X	-	-	-
GEF-1	CEILING GENERAL EXHAUST FAN	696	1/4	-	-	-	-	120	1	NEW IL13	26	15A/1P	2 #12 4 1 #12 GRD.	3/4"	X	-	-	-
GEF-2	ROOF GENERAL EXHAUST FAN	528	1/8	-	-	-	-	120	1	EX. IL4	39	20A/1P	2 #12 4 1 #12 GRD.	3/4"	X	-	-	-
GEF-3	CEILING GENERAL EXHAUST FAN	1176	1/2	-	-	-	-	120	1	EX. BCP-1	44	20A/1P	2 #12 4 1 #12 GRD.	3/4"	X	-	-	-
AC-1/CU-1	AC/CONDENSING UNIT	2288	-	11	-	-	28	208	1	VARIES	VARIES	30A/2P	3 #10 4 1 #10 GRD.	3/4"	X	-	-	-
AC-2/CU-2	AC/CONDENSING UNIT	5200	-	25	-	-	30	208	1	EM-TECH	10-12	30A/2P	3 #10 4 1 #10 GRD.	3/4"	X	-	-	-
UH-1	UNIT HEATER	199	1/100	-	-	-	-	120	1	VARIES	VARIES	20A/1P	2 #12 4 1 #12 GRD.	3/4"	X	-	-	-
UH-2	UNIT HEATER	199	1/50	-	-	-	-	120	1	VARIES	VARIES	20A/1P	2 #12 4 1 #12 GRD.	3/4"	X	-	-	-
H-1	EXHAUST HOOD	372	-	-	3	-	120	1	EX. IL1	48	20A/1P	2 #12 4 1 #12 GRD.	3/4"	X	-	-	WALL SWITCH	
H-2	EXHAUST HOOD	372	-	-	3	-	120	1	EX. IL1	27	20A/1P	2 #12 4 1 #12 GRD.	3/4"	X	-	-	WALL SWITCH	
TUH-1	TANKLESS WATER HEATER	240	-	-	-	2	-	120	1	EX. IL2	25	20A/1P	2 #12 4 1 #12 GRD.	3/4"	-	-	-	-
TUH-2	TANKLESS WATER HEATER	240	-	-	-	2	-	120	1	EX. IL2	25	20A/1P	2 #12 4 1 #12 GRD.	3/4"	-	-	-	-
TUH-3	TANKLESS WATER HEATER	240	-	-	-	2	-	120	1	EX. IL2	27	20A/1P	2 #12 4 1 #12 GRD.	3/4"	-	-	-	-
DBP-1	DOMESTIC BOOSTER PUMP	6318	(2) 5	-	-	-	-	480	3	EX. 1H4	VARIES	15A/3P	4 #12 4 1 #12 GRD.	3/4"	-	-	-	PROVIDE TWO (2) CONNECTIONS
RCP-1	RECIRCULATING PUMP	564	2/5	-	-	5	-	120	1	EX. IL2	27	20A/1P	2 #12 4 1 #12 GRD.	3/4"	-	-	-	-

PUMP EQUIPMENT CONNECTION SCHEDULE

TAG	DESCRIPTION	LOAD WATTS	HP	MOCP	VOLT	PHASE	PANEL	CKT. NO.	FUSED SWITCH C/B	FEEDER		STARTED BY:		LOCATION	REMARKS
										CABLE	C	MC	EC		
BP-1	BOILER PUMP	3990	3	-	480	3	EX. 1H6	1-3-5	15A/3P	4 #2 4 1 #2 GRD.	¾"	-	-	-	ACROSS THE LINE STARTER
BP-2	BOILER PUMP	3990	3	-	480	3	EX. 1H6	7-9-11	15A/3P	4 #2 4 1 #2 GRD.	¾"	-	-	-	ACROSS THE LINE STARTER
BP-3	BOILER PUMP	3990	3	-	480	3	EX. 1H6	13-15-17	15A/3P	4 #2 4 1 #2 GRD.	¾"	-	-	-	ACROSS THE LINE STARTER
CP-1	CHILLER PUMP	9145	7 1/2	-	480	3	EX. 1H6	19-21-23	20A/3P	4 #2 4 1 #2 GRD.	¾"	-	-	-	ACROSS THE LINE STARTER
HWP-1	HOT WATER PUMP	17460	15	-	480	3	EX. 1H4	32-34-36	25A/3P	4 #0 4 1 #0 GRD.	¾"	-	-	-	VARIABLE FREQUENCY DRIVE
HWP-2	HOT WATER PUMP	17460	15	-	480	3	EX. 1H4	38-40-42	25A/3P	4 #0 4 1 #0 GRD.	¾"	-	-	-	VARIABLE FREQUENCY DRIVE
CWP-1	CHILLED WATER PUMP	22447	20	-	480	3	EX. 1H6	2-4-6	35A/3P	4 #8 4 1 #0 GRD.	¾"	-	-	-	VARIABLE FREQUENCY DRIVE
CWP-2	CHILLED WATER PUMP	22447	20	-	480	3	EX. 1H6	8-10-12	35A/3P	4 #8 4 1 #0 GRD.	¾"	-	-	-	VARIABLE FREQUENCY DRIVE



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DATE

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3/3/2022

ADDENDUM 3

DRAWING

TELECOMMUNICATIONS

LEGEND

PROJECT

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ES ADDITIONS AND

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SHEET

T001

GENERAL ROUGH-IN NOTES:

- CONTRACTOR SHALL USE THESE DRAWINGS IN CONJUNCTION WITH THE SPECIFICATIONS TO DETERMINE THE FULL SCOPE, INTENT AND REQUIREMENTS OF THE PROJECT. SPECIFICATIONS AND DRAWINGS ARE INTENDED TO BE COMPLEMENTARY, NOT MUTUALLY EXCLUSIVE. WORK SHOWN ON THE DRAWINGS BUT NOT LISTED IN THE SPECIFICATIONS, AND WORK DESCRIBED IN THE SPECIFICATIONS BUT NOT SHOWN ON THE DRAWINGS SHALL BE INTERPRETED AS THOUGH WORK WERE FULLY DESCRIBED IN BOTH PLACES. THE HIGHER QUANTITY, HIGHER QUALITY, MORE LABOR INTENSIVE AND OVERALL MORE STRINGENT AND MORE COSTLY REQUIREMENT SHALL APPLY.
- COLORS OF CABLING USED FOR ALL COMMUNICATIONS TECHNOLOGY WORK SHALL BE REVIEWED AND APPROVED PRIOR TO PROCUREMENT AND INSTALLATION.
- ALL LADDER RACK AND OTHER COMMUNICATION TECHNOLOGY CABLING PATHWAYS DEPICTED ON THE ENLARGED FLOOR PLANS AND OTHERWISE NECESSARY FOR PROFESSIONAL WIRE MANAGEMENT WITHIN THE MAIN EQUIPMENT ROOM (ER) AND ALL TELECOMMUNICATION ROOMS (TR) SHALL BE PROVIDED BY THE COMMUNICATIONS TECHNOLOGY CONTRACTOR. SEE DIVISION 27 SPECIFICATIONS AND DRAWINGS FOR REQUIREMENTS.
- THE DIVISION 27 CONTRACTOR SHALL THOROUGHLY REVIEW THE SPECIFIED ROUGH-IN TO ENSURE THAT SUPPLIED ROUGH-IN WILL SUPPORT THE CABLING AND DEVICES BEING SUPPLIED. DIVISION 27 CONTRACTOR SHALL THOROUGHLY COORDINATE WITH THE DIVISION 26 ROUGH-IN PROVIDER PRIOR TO ROUGH-IN MATERIAL ACQUISITION AND INSTALLATION.

GENERAL PATHWAYS NOTES:

- ROUGH-IN PATHWAYS SHALL BE CLOSELY REVIEWED AND COORDINATED PRIOR TO INSTALLATION. IT IS THE RESPONSIBILITY OF THE ROUGH-IN PROVIDER TO THOROUGHLY REVIEW AND UNDERSTAND THE REQUIREMENTS OF THE SYSTEMS THAT WILL USE THE PATHWAYS. THIS INCLUDES, BUT IS NOT LIMITED TO, PROPERLY IDENTIFYING THE PATHWAYS, PROVIDING THE CORRECT QUANTITY AND SIZES OF CONVEYANCES, THE COST FOR REMOVING AN INSUFFICIENT PATHWAY SYSTEM AND INSTALLING AN APPROPRIATELY SIZED AND TYPED PATHWAY SYSTEM IN THE RESPONSIBILITY OF THE CONTRACTOR. PATHWAYS SHALL BE COMPLIANT WITH THE CONTRACT DOCUMENTS.
- WHERE CONDUIT IS SHOWN AND/OR SPECIFIED, PROVIDE PULL BOXES SHOWN ON THE DRAWINGS PLUS ADDITIONAL PULL BOXES AS FOLLOWS:
A) EVERY 180 DEGREES OF CONDUIT BEND;
B) EVERY 100 FEET OF CONDUIT PATH.
- INSTALLED PULL BOXES AND JUNCTION BOXES BE IN ACCESSIBLE LOCATIONS.
- ROUGH-IN REQUIREMENTS INDICATED ON PLANS, ELEVATIONS AND DETAILS TAKE PRECEDENCE OVER VALUES GIVEN ON THE LEGEND, BUT ONLY TO THE EXTENT THAT THOSE SPECIFIC ITEMS ARE MODIFIED.
- PROVIDE PATHWAYS FOR COMMUNICATIONS AND SECURITY SYSTEMS CABLING. REFER TO SECTIONS "PATHWAYS FOR COMMUNICATIONS" AND "PATHWAYS FOR SAFETY AND SECURITY".
- PROVIDE COVER PLATES FOR DEVICE, JUNCTION AND PULL BOXES. COORDINATE MATERIAL AND FINISH OF PLANT PLATES TO MATCH SURROUNDING PLATES.
- WHERE CONDUITS ARE SPECIFIED "TAC" (TO ABOVE ACCESSIBLE CEILING) THIS SHALL MEAN THAT CONDUITS SHALL BE STUBBED INTO AN ACCESSIBLE CEILING CAVITY WITHIN THE SAME ROOM AS THE DEVICE THE CONDUIT SERVES. SEE ALSO "DEFINITIONS".
- WHERE DEVICE CONDUITS ARE SPECIFIED "TAC" (TO ABOVE ACCESSIBLE HALLWAY/CORRIDOR CEILING) THIS SHALL MEAN THAT CONDUITS SHALL BE RUN CONTINUOUS AND STUBBED OUT INTO AN ACCESSIBLE CEILING CAVITY WITHIN THE NEAREST CORRIDOR FEATURING AN ACCESSIBLE CEILING CAVITY. SEE ALSO "DEFINITIONS".
- CONDUIT INSTALLER SHALL INSTALL PULL STRINGS IN CONDUITS IMMEDIATELY AFTER INSTALLATION. THIS INCLUDES CONDUITS TARGETED FOR IMMEDIATE AND FUTURE USE.
- WHERE A MOUNTING HEIGHT MEASUREMENT IS APPLIED TO A ROUGH-IN, THE MEASUREMENT SHALL BE REFERENCED TO THE CENTER OF THE ROUGH-IN DEVICE, EXCEPT WHERE OTHERWISE DETAILED.
- ROUGH-IN BOXES SHALL BE INSTALLED FLUSH IN WALLS AND CEILINGS.
- PATHWAYS SHALL BE INSTALLED CONCEALED MANNER. EXPOSED CONDUIT SHALL NOT BE PERMITTED IN FINISHED AREAS.
- SURFACE MOUNT BACK BOXES AND MATCHING RACEWAY SHALL BE USED FOR COMMUNICATION TECHNOLOGY DEVICES THAT ARE NOT INSTALLED WITHIN A WALL OR CEILING.
- PROVIDE CODE-COMPLIANT FIRE-STOPPING FOR PATHWAYS THROUGH FIRE-RATED WALLS, FLOORS AND CEILINGS.
- ALL CONDUIT PROVIDED FOR COMMUNICATION TECHNOLOGY USE SHALL BE PROVIDED WITH NYLON END-BUSHINGS. BUSHINGS SHALL BE INSTALLED AT EACH END OF THE CONDUIT, AT EACH PULL/JUNCTION/DEVICE BOX, ON CONDUIT STUBS, AT EACH LOCATION WHERE PULLING CABLE THROUGH THE CONDUIT MAY CAUSE THE CABLE TO RUB AGAINST THE END OF A CONDUIT OR THE END FITTING.
- DEVICES DESIGNATED WITH THE "CH" SUBSCRIPT (COUNTER HEIGHT) SHALL BE CLOSELY COORDINATED IN THE FIELD WITH THE ARCHITECT, CASEWORK AND FURNITURE VENDORS PRIOR TO ROUGH-IN.
- DEVICES TO BE INSTALLED AT CASEWORK LOCATIONS SHALL BE CLOSELY COORDINATED WITH THE CASEWORK TO ENSURE FUNCTIONAL CONNECTIVITY. COORDINATE WITH THE ARCHITECT AND THE EQUIPMENT AND CASEWORK DRAWINGS.
- ROUGH-IN SHALL BE CLOSELY COORDINATED TO COMPLEMENT THE INTENDED FURNITURE PLAN AND TO ENSURE THE SAFE AND EFFICIENT CONNECTIVITY OF EQUIPMENT.
- MANY COMMUNICATIONS DEVICES ARE INTENDED TO HAVE ADJACENT POWER OR INTEGRAL RECEPTACLES (MULTI-SERVICE) TO SERVE THE SAME EQUIPMENT. CLOSE PROXIMITY OF SEPARATE DEVICES IS CRITICAL FOR USABILITY AND AESTHETICS. COORDINATE THE LOCATION OF SEPARATE DEVICES SO THAT THEY ARE LOCATED ADJACENT AND AT THE SAME ELEVATION.
- TELECOMMUNICATION DEVICE MOUNTING HEIGHT SHALL BE CONSISTENT WITH THE ELECTRICAL OUTLET MOUNTING HEIGHTS FOR THE FACILITY (NEW OR EXISTING) UNLESS OTHERWISE INDICATED ON DRAWINGS. CONTRACTOR SHALL SEEK THE DIRECTION OF THE DESIGNER/ARCHITECT/ENGINEER/CONSULTANT SHOULD DISCREPANCIES BE FOUND WITHIN THE DRAWINGS, SPECIFICATIONS AND ACTUAL FIELD CONDITIONS.
- CONDUITS STUBBED INTO THE CEILING CAVITY SHALL BE MARKED WITH AN INDELEIBLE MARKER INDICATING THE CONDUIT'S INTENDED USE. MARK CONDUIT SO AS TO BE READABLE FROM BELOW LABEL WITHIN 6 INCHES OF THE CONDUIT BUSHING. BELOW ARE EXAMPLES OF LABELS TO BE USED: "CAMERA," "COM," "DOOR," "SPKR," "MIC," "CLOCK," "VOL," "PANEL," "WAP," "DATA," "PHONE," "COM," "RF," "VP," "INPUT," ETC.
- WHERE SPECIFICATIONS AND/OR DRAWINGS INDICATE THE USE OF SURFACE RACEWAY AND BOXES IN LIEU OF RECESSED ROUGH-IN, THE BOX SIZE AND USABLE RACEWAY CABLE AREA SHALL SUBSTANTIALLY MATCH THAT OF THE DEFAULT STANDARD ROUGH-IN. IN SOME CIRCUMSTANCES THIS MAY REQUIRE THE CONTRACTOR TO PROCURE MATERIALS ONLY AVAILABLE BY SPECIAL ORDER FROM THE MANUFACTURERS.
- LADDER RACK AND OTHER COMMUNICATION TECHNOLOGY CABLING PATHWAYS DEPICTED ON THE ENLARGED FLOOR PLANS SHALL BE PROVIDED AS INDICATED. ADDITIONAL PRODUCTS NECESSARY FOR PROFESSIONAL WIRE MANAGEMENT WITHIN THE MAIN EQUIPMENT ROOM (ER) AND ALL TELECOMMUNICATION ROOMS (TR) SHALL BE ALSO BE PROVIDED AS NECESSARY.
- ELEVATOR TELEPHONE CONNECTIONS, SHALL BE CLOSELY COORDINATED WITH THE ELEVATOR PROVIDER, PROVIDE CONDUIT FROM THE ELEVATOR CONTROL PANEL TO THE CORRIDOR CEILING SPACE, UNLESS OTHERWISE INDICATED ON THE DRAWINGS.
- COORDINATE THE TELEPHONE CONNECTION REQUIREMENTS FOR THE FIRE ALARM CONTROL PANEL (FACP) WITH THE FIRE ALARM INSTALLER. PROVIDE CONDUIT FROM THE FACP TO ACCESSIBLE CORRIDOR CEILING SPACE, UNLESS OTHERWISE INDICATED ON THE DRAWINGS.
- COORDINATE DATA CABLING AND TERMINATION REQUIREMENTS FOR HVAC BUILDING AUTOMATION SYSTEM (BAS), WITH THE BAS PROVIDER.
- PROVIDE A MINIMUM OF TWO (2) 2-INCH DIAMETER THROUGH-THE-WALL CONDUIT SLEEVES FOR USE AS COMMUNICATION AND SECURITY CABLE PATHWAYS INTO EACH SPACE CONTAINING COMMUNICATION AND SECURITY DEVICES. ROUTE CONDUITS FROM ABOVE ACCESSIBLE CEILING TO THE NEAREST HALLWAY/CORRIDOR FEATURING AN ACCESSIBLE CEILING CAVITY.

GENERAL NOTES:

- NOTHING SET FORTH IN THESE DRAWINGS SHALL RELEASE ANY CONTRACTOR FROM HIS RESPONSIBILITY TO PROVIDE APPROPRIATE QUANTITIES, FIELD MEASUREMENTS, DIMENSIONAL STABILITY, INSTALLATION, ANCHORAGE, AND COORDINATION WITH OTHER TRADES, OR RELEASE HIM FROM HIS RESPONSIBILITY TO IDENTIFY AND RESOLVE DEVIATIONS FROM THE REQUIREMENTS OF THE CONTRACT DOCUMENTS, OR FREE HIM OF HIS RESPONSIBILITY TO ALERT DESIGNER TO ERRORS OR OMISSIONS.
- CONTRACTOR SHALL UTILIZE THESE DRAWINGS IN CONJUNCTION WITH THE SPECIFICATIONS TO DETERMINE THE FULL SCOPE, INTENT AND REQUIREMENTS OF THE PROJECT. SPECIFICATIONS AND DRAWINGS ARE INTENDED TO BE COMPLEMENTARY, NOT MUTUALLY EXCLUSIVE. WORK SHOWN ON THE DRAWINGS BUT NOT LISTED IN THE SPECIFICATIONS, AND WORK DESCRIBED IN THE SPECIFICATIONS BUT NOT SHOWN ON THE DRAWINGS SHALL BE INTERPRETED AS THOUGH WORK WERE FULLY DESCRIBED IN BOTH PLACES. THE HIGHER QUANTITY, HIGHER QUALITY, MORE LABOR INTENSIVE AND OVERALL MORE STRINGENT AND MORE COSTLY REQUIREMENT SHALL APPLY UNLESS OTHERWISE CLARIFIED IN WRITING PRIOR TO BID.
- EACH CONTRACTOR SHALL VERIFY IN THE FIELD ALL EXISTING APPLICABLE CONDITIONS AND DIMENSIONS SHOWN ON THE DRAWINGS AND AS PERTINENT TO THE INTENT OF THESE DRAWINGS. ANY DISCREPANCY DISCOVERED SHALL BE BROUGHT TO THE ATTENTION OF THE DESIGNER PRIOR TO THE COMMENCEMENT OF ANY WORK AFFECTED BY, OR RELATED TO, SUCH DISCREPANCY. EACH CONTRACTOR SHALL BE RESPONSIBLE FOR ALL COSTS ASSOCIATED WITH, OR CAUSED BY HIS FAILURE TO COMPLY WITH THIS REQUIREMENT.
- EACH CONTRACTOR SHALL REVIEW ALL PORTIONS OF HIS WORK, BEFORE STARTING THE WORK, TO VERIFY THAT THE WORK WILL NOT PROHIBIT COMPLETION OF THE PROJECT AS INTENDED IN THESE CONSTRUCTION DOCUMENTS. ALL QUESTIONS SHALL BE REFERRED TO THE DESIGNER FOR RESOLUTION.
- EACH CONTRACTOR SHALL BE RESPONSIBLE FOR JOB CLEANLINESS. PROJECT AREAS SHALL BE THOROUGHLY CLEANED AND TRASH DISPOSED OF AT THE END OF EACH WORK DAY. OWNER'S FACILITIES SHALL NOT BE USED FOR WASTE DISPOSAL.
- PROVIDE DUST PROTECTION WHEN WORKING IN EXISTING FACILITIES. SEAL OFF ALL WORK AREAS FROM REMAINDER OF THE EXISTING FACILITY TO RETAIN ALL CONSTRUCTION DIRT AND DUST. SEAL EXISTING DOORS WITH TAPE AND PROVIDE DUST-PROOF BARRIERS AS REQUIRED.
- ALL WORK SHALL BE SEQUENCED TO PROVIDE FOR THE OWNER'S CONTINUED USE OF THE EXISTING FACILITY WHEN REQUIRED. OWNER'S ACCESS, EGRESS AND SAFETY SHALL BE MAINTAINED BY EACH CONTRACTOR. THE SEQUENCE OF WORK SHALL BE AS DETERMINED BY THE CONSTRUCTION MANAGER. REFER TO THE PROJECT MANUAL FOR FURTHER REQUIREMENTS.
- EACH CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTION OF ALL SURFACES AND FINISHES IN THE INTERIOR OR EXTERIOR OF THE FACILITY. DAMAGED SURFACES OR FINISHES RESULTING FROM THE PERFORMANCE OF THE WORK OR REQUIREMENTS SHALL BE REPAIRED AT NO COST TO THE OWNER BY THE RESPONSIBLE CONTRACTOR. FINISHES AND SURFACES SHALL BE MADE TO MATCH THE EXISTING FINISHES OR SURFACES TO THE SATISFACTION OF THE OWNER AND ARCHITECT/CONSTRUCTION MANAGER.
- "TECHNOLOGY" CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING TELEPHONE, DATA, CENTRAL SOUND, SECURITY CCTV AND ALARM SYSTEM SERVICES IN ALL EXISTING AREAS FOR DURATION OF PROJECT FOR MULTI-PHASED PROJECTS. CONTRACTOR SHALL COLLABORATE WITH OWNER'S TECHNOLOGY PERSONNEL, AS NECESSARY AND PROVIDE TEMPORARY WIRING, CROSS-CONNECTS, TERMINATION DEVICES, AND LABOR TO MAINTAIN OPERATION ACCEPTABLE TO THE OWNER. CONTRACTOR SHALL REFER TO THE FRONT END DOCUMENTS OF THE SPECIFICATIONS FOR ADDITIONAL INFORMATION RELATED TO PHASING. ALL PHASING QUESTIONS SHALL BE ADDRESSED PRIOR TO THE CONTRACTOR'S BID SUBMISSION.
- EACH CONTRACTOR SHALL FIELD VERIFY ALL EXISTING APPLICABLE CONDITIONS AND DIMENSIONS SHOWN ON THE DRAWINGS, AS PERTAINS TO THE INTENT OF THESE DRAWINGS. CONTRACTOR SHALL BRING TO THE ATTENTION OF THE ARCHITECT AND DESIGNER ANY DISCREPANCIES DISCOVERED PRIOR TO THE COMMENCEMENT OF ANY WORK AFFECTED BY OR RELATED TO SUCH DISCREPANCY. EACH CONTRACTOR SHALL BE RESPONSIBLE FOR ALL COSTS ASSOCIATED WITH OR CAUSED BY THAT CONTRACTOR'S FAILURE TO COMPLY WITH THIS REQUIREMENT.

GENERAL CABLING NOTES:

- ALL PROVIDED CABLE SHALL BE RATED FOR THE ENVIRONMENT INSTALLED.
- ALL INSTALLED CABLING SHALL BE CONTINUOUS AND WITHOUT SPLICES, EXCEPT WHERE OTHERWISE NOTED.
- "ABOVE ACCESSIBLE CEILING" SHALL BE INTERPRETED TO GENERALLY MEAN THE ACCESSIBLE CAVITY ABOVE SUSPENDED CEILING AND BENEATH THE DECK/FLOOR ABOVE. CONDUITS STUBBED ABOVE ACCESSIBLE CEILING SHALL TERMINATE IN A LOCATION IN WHICH A NORMAL HEIGHT PERSON CAN VIEW AND ACCESS WITHOUT STRAIN WHILE STANDING UPRIGHT ON A LADDER OR OTHER VERTICAL LIFE DEVICE.
- COLOR CODING OF CABLING SHALL BE COORDINATED AND APPROVED PRIOR TO PROCUREMENT AND INSTALLATION.
- ALL CABLE IN EXPOSED CEILINGS SHALL BE IN CONDUIT.

SLEEVE AND FIRE-STOPPING NOTES:

- ALL PENETRATIONS THROUGH BUILDING STRUCTURE (WALL AND/OR FLOORS) FOR COMMUNICATIONS CABLING SHALL BE SLEEVED.
- ALL SLEEVES THROUGH WALLS OR FLOORS HOLDING A FIRE RATING SHALL BE INSTALLED UTILIZING ONE OF THE APPROVED METHODS FOR A UL LISTED ASSEMBLY.
- APPROVED MANUFACTURERS FOR UL LISTED SLEEVES SHALL BE SPECIFIED TECHNOLOGY SYSTEMS, UNIQUE FIRESTOP PRODUCTS, AND WIREMOLD.
- ALL SLEEVES THROUGH FLOORS SHALL BE FIRESTOPPED TO A RATING EQUAL TO OR HIGHER THAN THE FLOOR RATING.
- ALL UN-USED SLEEVES THROUGH WALLS OR FLOORS HOLDING A FIRE RATING SHALL BE FIRESTOPPED TO A RATING EQUAL TO OR HIGHER THAN THE WALL OR FLOOR RATING.
- ALL SLEEVES THROUGH WALLS HOLDING A FIRE RATING SHALL BE FIRESTOPPED TO A RATING EQUAL TO OR HIGHER THAN THE WALL RATING.
- ALL PENETRATIONS SHALL BE PART OF THE RE-USABLE PATHWAY SYSTEM. FIRESTOPPED PENETRATIONS SHALL EITHER BE ASSEMBLED WITH FIRESTOP MATERIALS BUILT INTO THE ASSEMBLY OR FIRESTOPPED WITH REMOVABLE PUTTY OR FIRESTOP BAGS.
- PROXIMITY CARD READER
QUANTITY ONE - (4) PAIR DATA CABLE
Y = MODEL
MAY BE A COMBINATION KEYPAD AND READER; SEE SPECIFICATION.
- PANIC (DURESS) SWITCH
SWITCH UTILIZED TO MANUALLY ACTUATE ALARM AND/OR ACCESS CONTROL SYSTEM
- ELECTRONIC HOLD OPEN
CABLE AS REQUIRED BY SYSTEM
- ELECTRIC DOOR LOCK/STRIKE
REQUIRES 120V POWER
- SECURITY MONITOR
ONE DATA CABLE, PLUS OTHER SPECIAL A/V CABLES AS REQUIRED BY SYSTEM
X = TYPE

AUDIO-VISUAL SYSTEMS	
	VOICE AND DATA OUTLET WITH LOCAL INPUT X = QUANTITY OF (4) PAIR VOICE/DATA CABLES (MIN. 1 VOICE AND 1 DATA CABLE WITHOUT SUBSCRIPT) LI = FUTURE LOCAL INPUT CABLING TO A VIDEO PROJECTOR, TELEVISION, ETC.
	DATA OUTLET WITH LOCAL INPUT X = QUANTITY OF (4) PAIR DATA CABLES (MIN. 2 DATA CABLE WITHOUT SUBSCRIPT) LI = FUTURE LOCAL INPUT CABLING TO A VIDEO PROJECTOR, TELEVISION, ETC.
	VIDEO PROJECTOR CEILING MOUNTED - NETWORK QUANTITY OF TWO - (4) PAIR DATA CABLES - THIS OUTLET WILL ALSO ACCEPT CABLING FROM LOCAL INPUT LOCATIONS Y = MODEL
	VIDEO PROJECTOR WALL MOUNTED QUANTITY OF TWO - (4) PAIR DATA CABLES - THIS OUTLET WILL ALSO ACCEPT LOCAL INPUT CABLES Y = MODEL
	FLAT PANEL DISPLAY CEILING MOUNTED - NETWORK QUANTITY OF TWO - (4) PAIR DATA CABLES - THIS OUTLET WILL ALSO ACCEPT LOCAL INPUT CABLES Y = MODEL
	FLAT PANEL DISPLAY WALL MOUNTED - NETWORK QUANTITY OF TWO - (4) PAIR DATA CABLES - THIS OUTLET WILL ALSO ACCEPT LOCAL INPUT CABLES Y = MODEL / HEIGHT = 60" (UNLESS OTHERWISE NOTES)
	AUDIO VIDEO (A/V) OUTLET X = SYSTEM Y = MODEL SEE SYSTEM DETAILS FOR CONNECTIVITY REQUIREMENTS
	MICROPHONE INPUT - WALL MOUNT X = SYSTEM SEE SYSTEM DETAILS FOR CONNECTIVITY REQUIREMENTS
	MICROPHONE INPUT - CEILING MOUNT X = SYSTEM SEE SYSTEM DETAILS FOR CONNECTIVITY REQUIREMENTS
	SYSEM SPEAKER - RECESSED CEILING MOUNTED X = SYSTEM Y = MODEL
	SYSTEM SPEAKER - WALL MOUNTED X = SYSTEM Y = MODEL
	SYSTEM SPEAKER - PENDANT MOUNTED X = SYSTEM Y = MODEL
	SYSTEM SPEAKER - CEILING MOUNTED X = SYSTEM Y = MODEL
	A/V CONTROL PANEL X = SYSTEM Y = TYPE SEE SYSTEM DETAILS FOR CONNECTIVITY REQUIREMENTS
	INTERACTIVE WHITE BOARD A/V SYSTEM CONTROL PANEL

SECURITY/LIFE SAFETY	
	VIDEO SURVEILLANCE CAMERA OUTLET WALL MOUNTED QUANTITY OF ONE - (4) PAIR DATA CABLE (UNLESS OTHERWISE NOTED) Y = CAMERA TYPE
	VIDEO SURVEILLANCE CAMERA OUTLET CEILING MOUNTED QUANTITY OF ONE - (4) PAIR DATA CABLE (UNLESS OTHERWISE NOTED) Y = CAMERA TYPE
	VIDEO SURVEILLANCE CAMERA OUTLET EXTERIOR WALL QUANTITY OF ONE - (4) PAIR DATA CABLE (UNLESS OTHERWISE NOTED) Y = CAMERA TYPE
	SECURE DOOR DENOTES A DOOR WITH CONNECTIVITY FOR STATUS SENSOR(S) AND LOCKING AND UN-LOCKING CAPABILITIES X - WHERE UTILIZED WILL BE DEFINED ON SYSTEM DIAGRAM
	DOOR STATUS SENSOR DOOR STATUS SENSOR ALLOWS DOOR MONITORING WITH OR WITHOUT LOCKING PROVISIONS CABLE AS REQUIRED BY SYSTEM
	DOOR RELEASE DOOR RELEASE SWITCH ALLOWS MANUAL ACTUATION OF AN ELEC. DOOR LOCK CABLE AS REQUIRED BY SYSTEM
	KEYPAD KEYPAD UTILIZED TO ACTUATE ACCESS TO A SECURE DOOR CABLE AS REQUIRED BY SYSTEM
	PROXIMITY CARD READER QUANTITY ONE - (4) PAIR DATA CABLE Y = MODEL MAY BE A COMBINATION KEYPAD AND READER; SEE SPECIFICATION.
	PANIC (DURESS) SWITCH SWITCH UTILIZED TO MANUALLY ACTUATE ALARM AND/OR ACCESS CONTROL SYSTEM
	ELECTRONIC HOLD OPEN CABLE AS REQUIRED BY SYSTEM
	ELECTRIC DOOR LOCK/STRIKE REQUIRES 120V POWER
	SECURITY MONITOR ONE DATA CABLE, PLUS OTHER SPECIAL A/V CABLES AS REQUIRED BY SYSTEM X = TYPE

DISTRIBUTED SYSTEMS	
	SPEAKER - SUSPENDED CEILING MOUNTED CABLE AS REQUIRED BY SYSTEM V = INTEGRAL VOLUME CONTROL Y = MODEL
	SPEAKER - SOLID CEILING MOUNTED CABLE AS REQUIRED BY SYSTEM V = INTEGRAL VOLUME CONTROL Y = MODEL
	SPEAKER, WALL TYPE CABLE AS REQUIRED BY SYSTEM Y = MODEL
	SPEAKER, PENDANT CABLE AS REQUIRED BY SYSTEM Y = MODEL
	SPEAKER, VOLUME CONTROL CABLE AS REQUIRED BY SYSTEM P = PRIORITY OVERRIDE OPTION
	SPEAKER, HORN TYPE CABLE AS REQUIRED BY SYSTEM Y = MODEL
	VIDEO INTERCOM CALL STATION QUANTITY ONE - (4) PAIR DATA CABLE ACCESS CONTROL SYSTEMS CABLE TO DOOR CONTROLLER
	VIDEO INTERCOM MASTER STATION QUANTITY ONE - (4) PAIR DATA CABLE ACCESS CONTROL SYSTEMS CABLE TO DOOR CONTROLLER
	CLOCK - BATTERY TYPE WALL CLOCK; 12" DIAMETER, UNLESS OTHERWISE NOTED WV = PROVIDE WITH ACCESSORY WIRE GUARD
	CLOCK - BATTERY TYPE WALL CLOCK; 12" DIAMETER, UNLESS OTHERWISE NOTED WV = PROVIDE WITH ACCESSORY WIRE GUARD
	LED CLOCK - CEILING MOUNTED QUANTITY OF ONE - (4) PAIR DATA CABLE PER CLOCK Y = MODEL
	LED CLOCK QUANTITY OF ONE - (4) PAIR DATA CABLE PER CLOCK Y = MODEL
	LED CLOCK - WALL MOUNTED QUANTITY OF ONE - (4) PAIR DATA CABLE PER CLOCK Y = MODEL

TELECOMMUNICATIONS	
	VOICE OUTLET: STANDARD X = QUANTITY OF - (4) PAIR VOICE CABLES (CABLE WITHOUT SUBSCRIPT) B = BLANK COVER, NO CONNECTORS OR CABLE
	VOICE OUTLET: WALL MOUNTED TELEPHONE QUANTITY OF ONE - (4) PAIR VOICE CABLES (CABLE WITHOUT SUBSCRIPT)
	VOICE AND DATA OUTLET: STANDARD X = QUANTITY OF (4) PAIR VOICE/DATA CABLES (MIN. 1 VOICE AND 1 DATA CABLE WITHOUT SUBSCRIPT) B = BLANK COVER, NO CONNECTORS OR CABLE
	VOICE AND DATA OUTLET IN OFFICE FURNITURE X = QUANTITY OF (4) PAIR VOICE/DATA CABLES (MIN. 1 VOICE AND 1 DATA CABLE WITHOUT SUBSCRIPT) F = FURNITURE MOUNTED
	DATA OUTLET: STANDARD X = QUANTITY OF (4) PAIR DATA CABLES (MIN. 1 DATA CABLE WITHOUT SUBSCRIPT) Y = (B) BLANK COVER, (CH) COUNTER HEIGHT
	WIRELESS LAN ACCESS POINT OUTLET WALL MOUNTED QUANTITY OF TWO - (4) PAIR DATA CAT6A CABLES
	WIRELESS LAN ACCESS POINT OUTLET CEILING MOUNTED QUANTITY OF TWO - (4) PAIR DATA CAT6A CABLES
	POINT OF SALE DATA OUTLET X = QUANTITY OF (4) PAIR VOICE/DATA CABLES (MIN. 1 DATA CABLE WITHOUT SUBSCRIPT) SEE SYSTEM DIAGRAM FOR ADDITIONAL CABLING REQUIREMENTS
	ABOVE CEILING OUTLET X = QUANTITY OF (4) PAIR DATA CABLES (MIN. 1 DATA CABLE WITHOUT SUBSCRIPT)
	BUILDING AUTOMATION SYSTEMS OUTLET QUANTITY OF TWO - (4) PAIR DATA CABLES COORDINATE OUTLET LOCATION WITH BUILDING CONTROLS CONTRACTOR
	FIRE ALARM CONTROL PANEL QUANTITY OF TWO - (4) PAIR DATA CABLES COORDINATE OUTLET LOCATION WITH FIRE ALARM CONTRACTOR
	ELEVATOR CONTROL OUTLET QUANTITY OF TWO - (4) PAIR DATA CABLES COORDINATE OUTLET LOCATION WITH ELEVATOR CONTRACTOR
	EMERGENCY TELEPHONE OUTLET QUANTITY OF ONE - (4) PAIR VOICE CABLES (UNLESS OTHERWISE NOTED) COORDINATE OUTLET LOCATION WITH SECURITY SYSTEM CONTRACTOR
	SECURITY ALARM PANEL OUTLET QUANTITY OF TWO - (4) PAIR DATA CABLES COORDINATE OUTLET LOCATION WITH SECURITY SYSTEMS CONTRACTOR

PATHWAY AND SPACES DEVICES	
	TELECOMMUNICATION WALL LINING (BACKBOARD) 8" TALL, 4" WIDE 3/4" AC PLYWOOD, CUT TO FIT SPACE AS SHOWN PAINTED WITH FIRE RETARDANT WHITE PAINT
	LADDER RACK SIZE AS INDICATED 8" MOUNTING HEIGHT WHEN HORIZONTAL UON
	FIRE RATED SLEEVE THROUGH WALL 4" DIAMETER UNLESS OTHERWISE NOTED; PROVIDE FIRE STOPPING. ROUTE FROM ROOM TO ACCESSIBLE CEILING NOTE: PROVIDE WATERFALL DEVICE WHEN CABLE DROP IS GREATER THAN 6"
	SLEEVE THROUGH WALL 2" DIAMETER UNLESS OTHERWISE NOTED; PROVIDE FIRE STOPPING. ROUTE FROM ROOM TO ACCESSIBLE CEILING NOTE: NOT ALL SLEEVES WILL BE SHOWN, ONLY ADDITIVE INSTANCES REQUIRED TO ACHIEVE DESIGN GOALS
	FIRE RATED SLEEVE THROUGH FLOOR 4" DIAMETER UNLESS OTHERWISE NOTED; PROVIDE FIRE STOPPING. ROUTE FROM ROOM TO ACCESSIBLE CEILING NOTE: PROVIDE WATERFALL DEVICE WHEN CABLE DROP IS GREATER THAN 6"
	POKE-THRU - FIRE RATED DEVICE SEE ELECTRICAL DRAWINGS FOR POKE-THRU SIZE AND TYPE ADJACENT SYMBOL DENOTES CABLING REQUIREMENTS MODIFIED TO FIT BOX
	FLOOR BOX - FLUSH TO FINISHED FLOOR SEE ELECTRICAL DRAWINGS FOR FLOORBOX SIZE AND TYPE ADJACENT SYMBOL DENOTES CABLING REQUIREMENTS MODIFIED TO FIT BOX
	FURNITURE WHIP - WALL ADJACENT SYMBOL DENOTES CABLING REQUIREMENTS MODIFIED TO FIT BOX
	FURNITURE WHIP FROM FIRE RATED POKE THROUGH DEVICE X = [WHERE X REPRESENTS A-C] POKE-THRU SIZE AND TYPE 1 1/4" WHIP FITTING MINIMUM
	TELEPOWER POLE ADJACENT SYMBOL DENOTES CABLING REQUIREMENTS MODIFIED TO FIT BOX
	JUNCTION/PULL BOX - WALL MOUNTED SIZE AS NOTED OR CALCULATED BY QUANTITY AND SIZE OF CONDUITS NOTE: ALL BOXES SHALL BE MOUNTED SO AS TO ALLOW RE-ENTRY IN A SAFE MANNER
	JUNCTION/PULL BOX - FLOOR MOUNTED SIZE AS NOTED OR CALCULATED BY QUANTITY AND SIZE OF CONDUITS NOTE: ALL BOXES SHALL BE MOUNTED SO AS TO ALLOW RE-ENTRY IN A SAFE MANNER
	JUNCTION/PULL BOX - CEILING MOUNTED SIZE AS NOTED OR CALCULATED BY QUANTITY AND SIZE OF CONDUITS NOTE: ALL BOXES SHALL BE MOUNTED SO AS TO ALLOW RE-ENTRY IN A SAFE MANNER

- 7 EXISTING AUDIO/VIDEO SYSTEMS AND DEVICES (PROJECTOR, TELEVISION, INTERACTIVE BOARD), AND RELATED MOUNTS AND CABLING, ETC. TO BE REMOVED. SECURELY STORE IN A LOCATION DESIGNATED BY OWNER. NOTE - MOST OF THE CLASSROOM PROJECTORS ARE SITTING ON PORTABLE CARTS.

- 8 CONTRACTOR SHALL NOTIFY THE OWNER AND CONSULTANT
NO LESS THAN THREE DAYS IN ADVANCE BEFORE
COMMENCING ANY DEMOLITION TO INSURE THAT NO
ADJACENT OCCUPIED AREAS WILL BE DISRUPTED.
- 9 FIRE STOP ANY SLEEVES WHERE CABLES HAVE BEEN



PROJECT

BROWN POINT COMMUNITY
SCHOOL CORPORATION
BROWN POINT, INDIANA



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PROJECT 1-112	COMMUNICATIONS DISTRIBUTION
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Bicsi
Brian K Scott
BICSID #131673

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KP

HECKED BY KS	RCDD <i>R. K. Smith</i>
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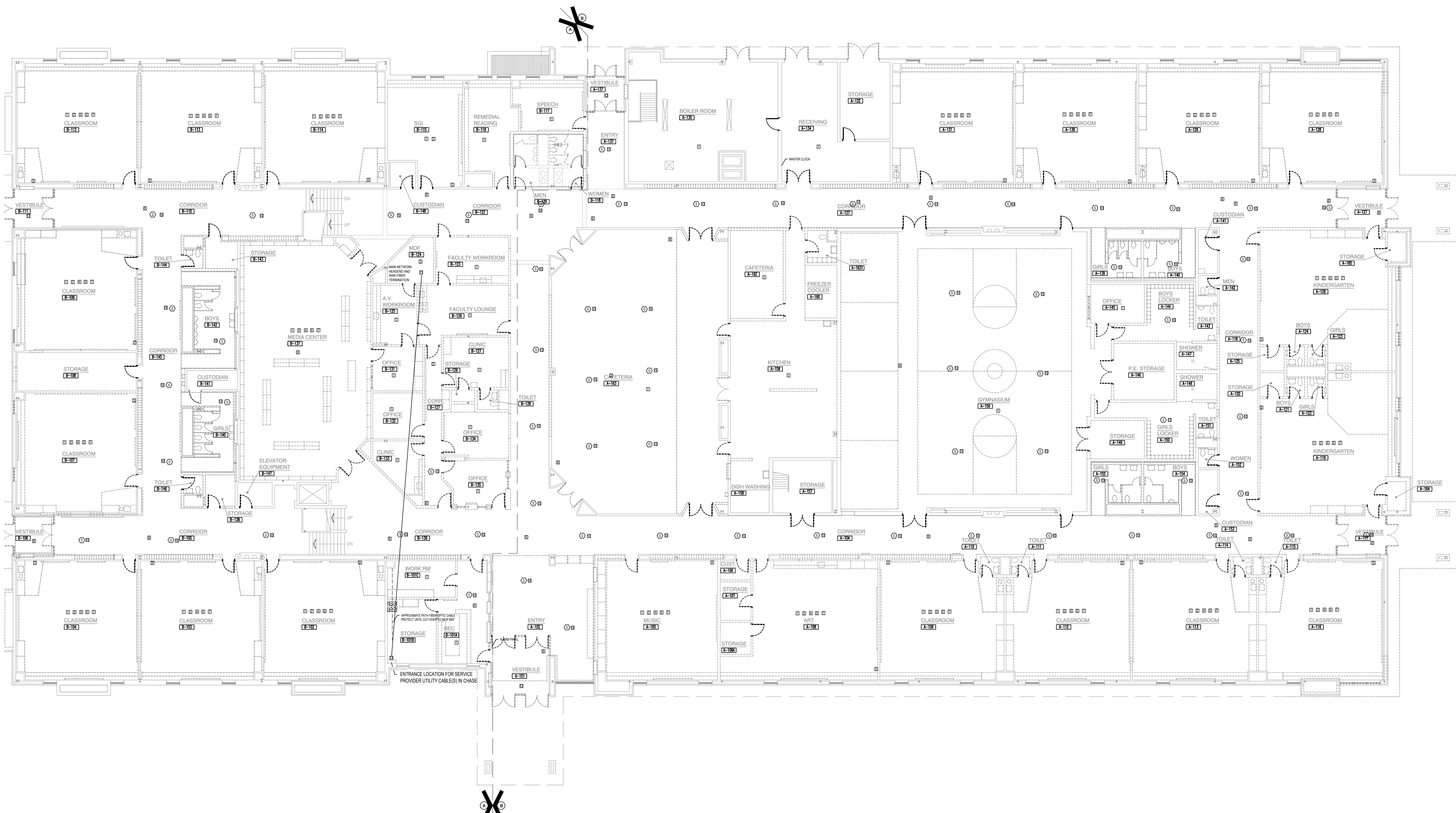
TELECOMMUNICATIONS
OVERALL FIRST FLOOR

MEMO PLAN

**MOTHY BALL ES ADDITIONS AND
RENOVATIONS**

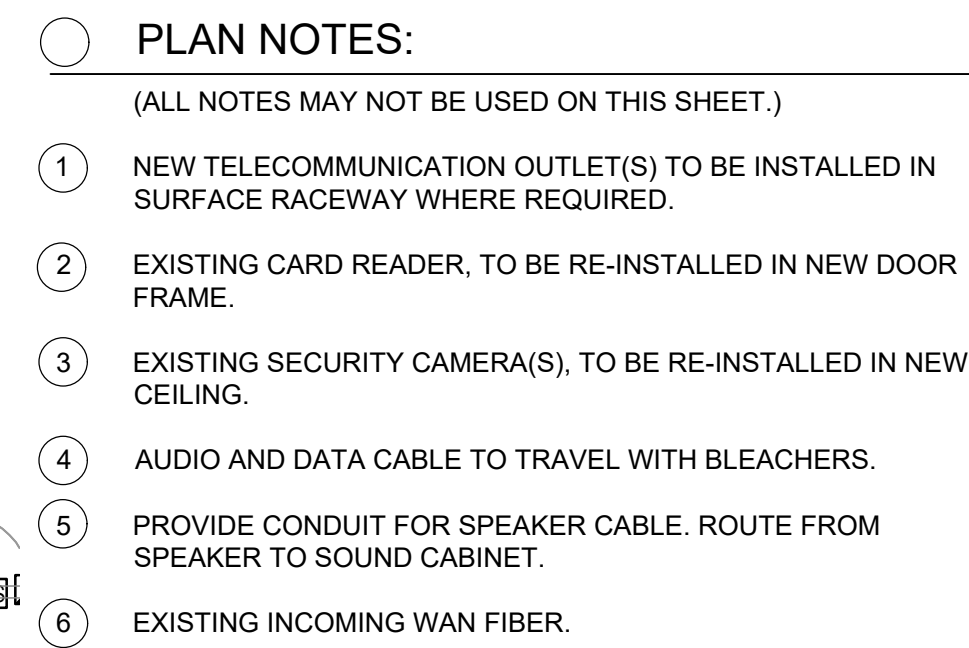
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1 TELECOMMUNICATIONS OVERALL FIRST FLOOR DEMO PLAN
SCALE: 3/32" = 1'-0"

D:\DROPBOX\CROWN_POINT_COMMUNITY_SCHOOLS\T-BALL
- MAC ELEMENTRY SCHOOLS\TIMOTHY BALL
ELEMENTARY\DRAWINGS\T-DRAWINGS\TBALL TD100 OVERALL
TELECOMMUNICATIONS PLAN.DWG

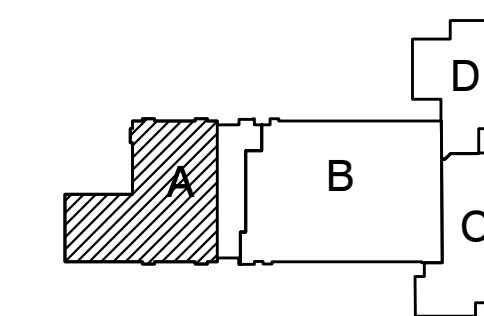


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DRAWING
UNIT "A"
TELECOMMUNICATIONS
FIRST FLOOR PLAN

PROJECT
TIMOTHY BALL ES ADDITIONS AND
RENOVATIONS

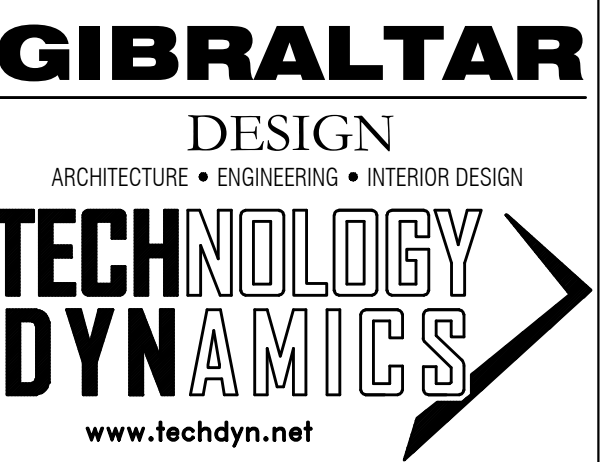
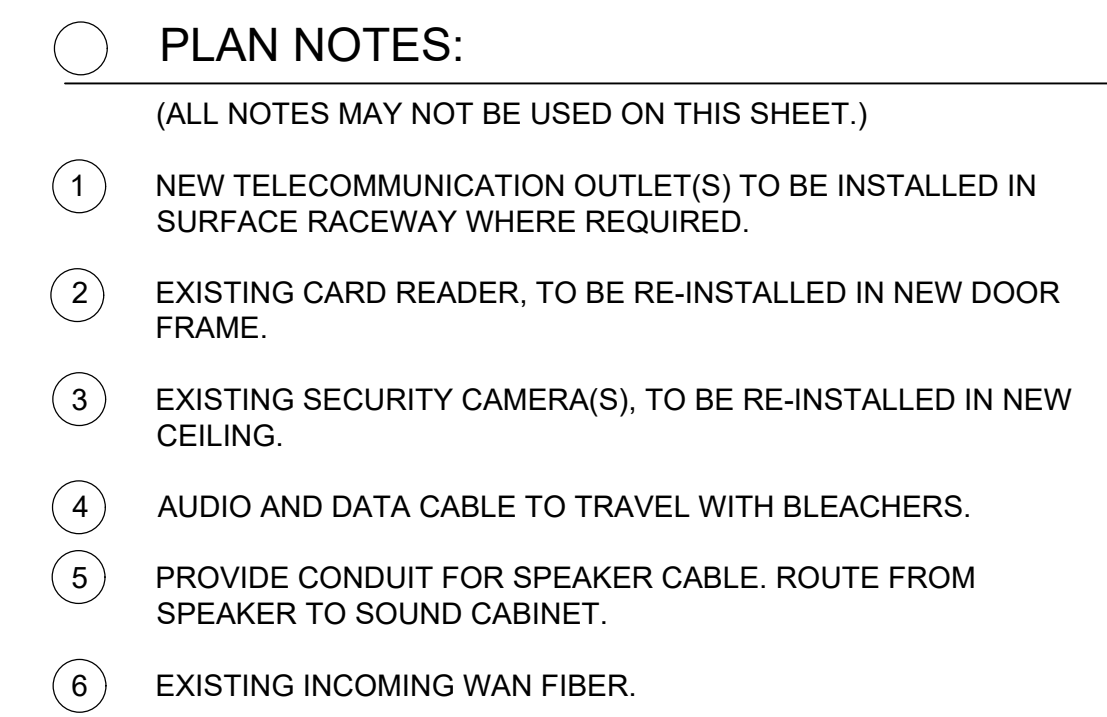
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\\D:\DROPTBOX\CROWN_POINT_COMMUNITY_SCHOOLS\T-BALL
- MAC ELEMENTRY SCHOOLS\TIMOTHY BALL
ELEMENTARY\DRAWINGS\T-DRAWINGS\TBALL T101 UNIT A
ELECTROCOMMUNICATIONS FIRST FLOOR PLAN.DWG

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



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[illegible]

DRAWING
UNIT "C"
TELECOMMUNICATIONS
FIRST FLOOR PLAN

PROJECT
TIMOTHY BALL ES ADDITIONS AND
RENOVATIONS

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<p>CONCRETE DESIGN</p> <p>C</p>	<p>SHEET</p> <p>T-104</p>
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DRAWING
UNIT "D"
TELECOMMUNICATIONS
FIRST FLOOR PLAN

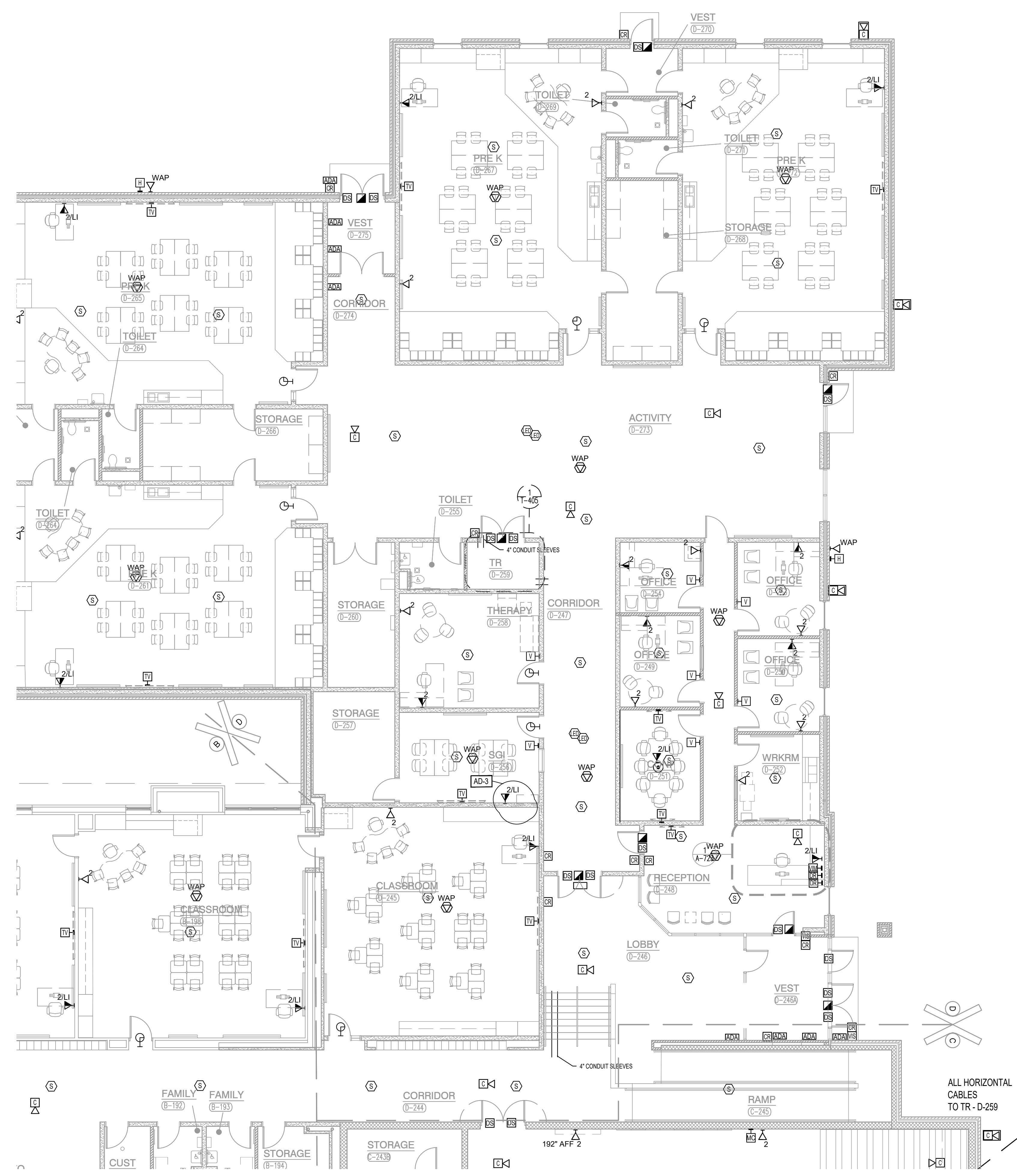
PROJECT
TIMOTHY BALL ES ADDITIONS AND
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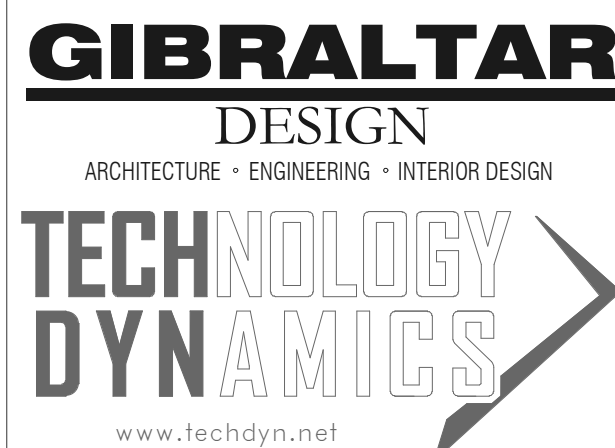
- PLAN NOTES:**

(ALL NOTES MAY NOT BE USED ON THIS SHEET.)

 1. NEW TELECOMMUNICATION OUTLET(S) TO BE INSTALLED IN SURFACE RACEWAY WHERE REQUIRED.
 2. EXISTING CARD READER, TO BE RE-INSTALLED IN NEW DOOR FRAME.
 3. EXISTING SECURITY CAMERA(S), TO BE RE-INSTALLED IN NEW CEILING.
 4. AUDIO AND DATA CABLE TO TRAVEL WITH BLEACHERS.
 5. PROVIDE CONDUIT FOR SPEAKER CABLE. ROUTE FROM SPEAKER TO SOUND CABINET.
 6. EXISTING INCOMING WAVE FIBER.



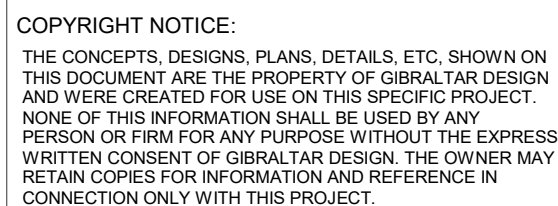
1 UNIT "D" TELECOMMUNICATIONS FIRST FLOOR PLAN
SCALE: 1/8" = 1'-0"



TIMOTHY BALL ES ADDITION AND RENOVATIONS

GIBRALTAR DESIGN

PROJECT
21-112
DATE
2/07/22
COORDINATOR
BKS
DRAWN BY
TKP
CHECKED BY
BKS

DRAWING

OUTLET DETAILS

C GIBRALTAR
DESIGN

SHEET

T502

