# ADDENDUM NO. 2

#### **April 10, 2023**

# WINFIELD ELEMENTARY SCHOOL 2023 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 March 16, 2023 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 2-1 through ADD 2-2 and attached Addendum No. 2 from Gibraltar Design dated April 6, 2023 and consisting of 8 pages, Specification Section 05 12 13 – Architecturally Exposed Structural Steel, and 41 drawings.

#### A. <u>SPECIFICATION SECTION 00 20 00 – TABLE OF CONTENTS</u>

#### 1. **Add:**

Specification Section 05 12 13 – Architecturally Exposed Structural Steel

#### 2. Delete:

Specification Section 03 45 00 – Architectural Precast Concrete

#### B. <u>SPECIFICATION SECTION 01 12 00 – MULTIPLE CONTRACT SUMMARY</u>

#### A. BID CATEGORY NO. 1 - GENERAL TRADES/SITEWORK

#### 1. **Add:**

Specification Section 05 12 13 – Architecturally Exposed Structural Steel

#### 2. Delete:

Specification Section 03 45 00 – Architectural Precast Concrete

#### B. <u>BID CATEGORY NO. 5 – METAL STUDS/DRYWALL/CEILINGS</u>

#### 1. **Add:**

<u>Clarification No. 6:</u> The **Bid Category No. 5 Contractor** is responsible for the modification of ceiling grid and tile for new ceiling mounted equipment as required per Alternate No. 6.



#### ADDENDUM TWO

**Addendum Two (AD.02)** to the drawings and specifications prepared by Gibraltar Design for **Winfield Elementary School 2023 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 and Addendum One and include the appropriate content of same within their bid proposal.

#### **SPECIFICATIONS**

- 1. Specification Section 00 01 10 Table of Contents
  - A. Add Specification Section 05 12 13, Architecturally Exposed Structural Steel to the Table of Contents.
  - B. Delete Specification Section 03 45 00, Architectural Precast Concrete from the Table of Contents.
- 2. Specification Section 03 30 00 Composite Wall Panels
  - A. Add new Paragraph 2.4.H.c. to acceptable manufacturers as follows:
    - "c. AVECS LLC, Greenwood Village, CO: Pro-Act."
- 3. Specification Section 03 45 00 Architectural Precast Concrete
  - A. Delete Specification 03 45 00, Architectural Precast Concrete in its entirety.
- 4. Specification Section 04 20 00 Unit Masonry
  - A. Delete Paragraph 2.13.E. in its entirety.
- 5. Specification Section 05 12 13 Architecturally Exposed Structural Steel
  - A. Add Specification Section 05 12 13, Architecturally Exposed Structural Steel, included in this Addendum, to the Project Manual.
- 6. Specification Section 07 42 44 Composite Wall Panels
  - A. Add new Paragraph 2.1.A.5. to acceptable manufacturers as follows:
    - "5. Alucoil, Manning, SC."



#### 7. Specification Section 08 71 00 Door Hardware

A. Modify the following Hardware Groups as follows:

HARDWARE GROUP NO. 07-NOT USED

HARDWARE GROUP NO. 08

For use on Door #(s):

**B-114AA** B-114AB C-126A C-127A

#### Provide each OPENING with the following:

QTY		DESCRIPTION	CATALOG NUMBER	FINISH	MFR
3	EA	HINGE	5BB1 4.5 X 4.5 (NRP AS REQ'D)	652	IVE
1	EA	STOREROOM LOCKSET	9K7 D 14D	626	BES
1	EA	WALL STOP	WS401/402CVX	626	IVE
3	EA	SILENCER	Q146		STE

HARDWARE GROUP NO. 09- **NOT USED** 

HARDWARE GROUP NO. 14

For use on Door #(s):

C-125A C-129A

#### Provide each OPENING with the following:

QTY		DESCRIPTION	CATALOG NUMBER	FINISH	MFR
3	EA	HINGE	5BB1 4.5 X 4.5 (NRP AS REQ'D)	652	IVE
1	EA	STOREROOM/COMMUNI CATING LOCK	9K7 G 14D	626	BES
1	EA	WALL STOP	W\$401/402CVX	626	IVE
1	EA	GASKETING	488SCL PSA	CL	ZER
1	EA	DOOR BOTTOM	364AA	AA	ZER
1	EA	THRESHOLD	544A	Α	ZER



#### **HARDWARE GROUP NO.25**

For use on Door #(s):

#### **D-117AA**

Provide each OPENING with the following:

QTY		DESCRIPTION	CATALOG NUMBER	FINISH	MFR
<u>3</u>	<u>EA</u>	HINGE	5BB1 4.5 X 4.5 (NRP AS REQ'D)	<u>652</u>	<u>IVE</u>
1	<u>EA</u>	PRIVACY SET	<u>45H-0-L-14H-VIN</u>	<u>626</u>	<u>BES</u>
1	<u>EA</u>	OH STOP	<u>90S</u>	<u>630</u>	GLY
<u>1</u>	<u>EA</u>	GASKETING	488SCL PSA	<u>CL</u>	<u>ZER</u>

#### **HARDWARE GROUP NO.27**

For use on Door #(s):

C-125A <u>C-125B</u>

Provide each OPENING with the following:

QTY		DESCRIPTION	CATALOG NUMBER	FINISH	MFR
<u>3</u>	<u>EA</u>	HINGE	5BB1 4.5 X 4.5 (NRP AS REQ'D)	<u>652</u>	<u>IVE</u>
1	<u>EA</u>	FIRE EXIT HARDWARE	98-L-NL-F-17	<u>626</u>	<u>VON</u>
<u>1</u>	<u>EA</u>	RIM CYLINDER	<u>1E72</u>	<u>626</u>	<u>BES</u>
<u>1</u>	<u>EA</u>	SURFACE CLOSER	4040XP RW/PA	<u>689</u>	<u>LCN</u>
1	<u>EA</u>	KICK PLATE	8400 10" X 2" LDW B-CS	<u>630</u>	<u>IVE</u>
<u>1</u>	<u>EA</u>	FIRE/LIFE WALL MAG	SEM7800 SERIES AS REQ'D	<u>689</u>	<u>LCN</u>
1	<u>EA</u>	GASKETING	488SCL PSA	<u>CL</u>	<u>ZER</u>
<u>1</u>	<u>EA</u>	DIAGRAM	ELEVATION		<u>DLR</u>
<u>1</u>	<u>EA</u>	<u>DIAGRAM</u>	POINT TO POINT		DLR

OPERATION: FIRE ALARM RELEASES HOLD OPENS ALLOWING DOOR TO CLOSE AND LATCH. **FREE EGRESS AT ALL TIMES** 



#### **HARDWARE GROUP NO.28**

For use on Door #(s):

#### C-126A

Provide each OPENING with the following:

QTY		DESCRIPTION	CATALOG NUMBER	FINISH	MFR
<u>3</u>	<u>EA</u>	HINGE	5BB1 4.5 X 4.5 (NRP AS REQ'D)	<u>652</u>	<u>IVE</u>
<u>1</u>	<u>EA</u>	STOREROOM LOCKSET	9K7 D 14D	<u>626</u>	<u>BES</u>
<u>1</u>	<u>EA</u>	SURFACE CLOSER	4040XP RW/PA	<u>689</u>	<u>LCN</u>
<u>1</u>	<u>EA</u>	KICK PLATE	8400 10" X 2" LDW B-CS	<u>630</u>	<u>IVE</u>
<u>1</u>	<u>EA</u>	FIRE/LIFE WALL MAG	SEM7800 SERIES AS REQ'D	<u>689</u>	<u>LCN</u>
<u>1</u>	<u>EA</u>	GASKETING	488SCL PSA	<u>CL</u>	ZER

## OPERATION: FIRE ALARM RELEASES HOLD OPEN ALLOWING DOOR TO CLOSE AND LATCH. FREE EGRESS AT ALL TIMES

#### 8. Specification Section 10 11 00 Markerboards and Corkboards

A. Add new Paragraph 2.1.D. to acceptable manufacturers as follows:

#### **DRAWINGS**

For each sheet listed in this Addendum, refer to attached full size drawing sheet(s) for revisions, unless noted as (Sheet Not attached).

- 1. Sheet G-101
  - A. Revise Engineer seal to be Steven Millies in lieu of David Janney.
- 2. Sheet G-201
  - A. Revise Automatic Sprinkler write-up in Code Summary.
- 3. Sheet G-301
  - A. Add Partition Type A12.
- 4. Sheet C-1.1
  - A. Demolition Note 9 has been added referring to the removal of wood planters.
  - B. Demolition Note 2 has been added for removal of existing fence/gate on the North side of the existing pavilion.

<sup>&</sup>quot;D. Platinum Visual Systems, Bloomfield Hills, MI."



C. Demolition Note 3 has been added to for removal of concrete pavement at the West side of the existing door and installation of 6-inch downspout line.

#### 5. Sheet C-2.0

- A. 10 feet wide swing gate has been revised to 4 feet wide swing gate in front of the new pavilion.
- B. Proposed building wall addition has been updated to reflect architectural plan.

#### 6. Sheet C-3.0

- A. Six-inch (6") PVC has been revised to Eight-inch (8") PVC storm line.
- B. Two (2) downspout lines have been added on the North & West side of the existing building (match existing lines).

#### 7. Sheet C-4.0

- A. Detail for the Concrete Pavement Foundation Footing has been added for the new pavilion.
- B. Detail for the Ramp/Concrete Retaining Wall and Hand Railing has been added.
- C. Cross-sections of ramp #1 and #2 have been added.

#### 8. Sheet S-201

- A. "Foundation Plan Notes" updated as follows:
  - 1. Typical detail references corrected.
  - 2. Note 14 adjusted to include reference to new Detail 17/S-401 for new CMU walls on existing slabs.
- B. Canopy columns changed to HSS Round 10.75" dia. X 1/4".
- C. Two additional canopy columns, piers, and footings added adjacent to existing building at each canopy.
- D. "Architecturally Exposed Structural Steel" designation added to canopy columns, Category "AESS 3" per the specification section added as part of this Addendum.

#### 9. Sheet S-202

- A. "Foundation Plan Notes" updated as follows:
  - 1. Typical detail references corrected.
  - 2. Note 14 adjusted to include reference to new Detail 17/S-401 for new CMU walls on existing slabs.
- B. New section reference added (6/S-402) at east wall adjacent to existing building.
- C. Short section of wall added south of Dry Storage B-111.
- D. Footing step elevations corrected or adjusted in various locations.
- E. West foundation wall of Kitchen is a generally 1'-6" wide, changing to 1'-4" wide at the N and S corners and the central area as indicated. Refer to architectural sections for additional information.

#### 10. Sheet S-203

- A. Canopy beam bearing detail reference adjusted.
- B. New section reference 6/412 added.



#### 11. Sheet S-204

- A. Lintels at Media Center walls adjusted, and lintel added to east storefront opening.
- B. Joist bearing elevations adjusted at Cafeteria / Kitchen to accommodate 5" deep joist seats.
- C. W16x36 beam at Coiling door between Cafeteria and Serving adjusted so that top of beam is at bottom of joists.
- D. Steel lintel size added for door B108A.
- E. Loose lintel at door B110 defined.

#### 12. Sheet S-401

A. New Detail 17 added.

#### 13. Sheet S-402

A. New Section 6 added.

#### 14. Sheet S-412

A. New Sections 5 and 6 added.

#### 15. Sheet AD102

- A. Demolition Plan Notes: Add Note 39.
- B. Add Note 39 to Cafeteria B-111.

#### 16. Sheet A-101

- A. Revise Plan Note 13.
- B. Add Section Cut 5/A-404 OH to courtyard for clarification.
- C. Added additional columns at Gymnasium Canopies.

#### 17. Sheet A-102

- A. Revise Plan Note 13.
- B. Revise wall types at Vest B-116 and Media Center B-118.
- C. Revise West wall of Serving B-108.
- D. Revise Door number for door into Mech B-114A.

#### 18. Sheet A-103

- A. Revise Plan Note 13.
- B. Add door tag for door into SGI C-126.

#### 19. Sheets A-301, A-302 and A-303 (Sheets Not Attached)

A. Revise Plan Note 15 to read "Clean existing brick and remove and replace backer rod and sealant at existing control joints."

#### 20. Sheet A-401

A. Revise Sections 1 and 2/A-401.

#### 21. Sheet A-403

A. Revise Sections 1 and 2/A-403.

#### 22. Sheet A-404

A. Revise Section 1 through 5/A-404.



#### 23. Sheet A-405

A. Revise Section 5/A-405.

#### 24. Sheet A-406

A. Revise Section 1 through 3/A-406.

#### 25. Sheet A-601

- A. Door B-114AB revised to be B-114AA.
- B. Doors C-125A and C-125B to be moved from Alternate to Base Bid.
- C. Door C-126B to be revised to C-126A and moved from Alternate to Base Bid.

#### 26. Sheet A-610 (Sheet Not Attached)

A. Aluminum Windows Elevations (W) to be renumbered from 6/A-610 to 14/A-610.

#### 27. Sheet A-902

- A. Reflected Ceiling Plan Notes: Revise Note 12 and add notes 15 and 16.
- B. Add Notes 15 and 16 to Cafeteria B-107.
- C. Revise canopies at Gymnasium due to the addition of two more columns at each.

#### 28. Sheet A-902

- A. Reflected Ceiling Plan Notes: Revise Note 12 and add notes 15 and 16.
- B. Add Notes 15 and 16 to Cafeteria B-107.
- C. Show masonry lintels and add Note 12 to Serving B-108

#### 29. Sheet MD101

A. Revised Boiler A-134.

#### 30. Sheet MV101, 102, and 104

A. Revise Relief in classrooms to get new ceiling Grid

#### 31. Sheet MP101

A. Revised Boiler A-134.

#### 32. Sheet M-501

A. Revised Chiller Water Piping Diagram.

#### 33. Sheet ED101

A. Removed sheet note #11

#### 34. Sheet ED102

- A. Removed Sheet note #7
- B. Added Sheet note #9

#### 35. Sheet ED103

- A. Revised Demolition tags.
- B. Removed Sheet note #3
- C. Added General Note #6

#### 36. Sheet ED104

A. Removed Sheet note #4



#### 37. Sheet EL103

A. Added new light fixtures.

#### 38. Sheet EP102

A. Added sheet note #4

#### 39. Sheet E-501

- A. Added note for new circuit breaker.
- B. Added demolition of existing fused switch.

#### 40. Sheet E-502

A. Added fixture types AD and PA.

#### 41. Sheet T-103

A. Moved data outlet location in STEM C-125.

Pages 1 through 8, inclusive, Specification Section 05 12 13 and forty-one (41) Full-Size Drawings, constitute the total makeup of **Addendum Two**.

Joseph P. Briggs
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# SECTION 05 12 13 ARCHITECTURALLY EXPOSED STRUCTURAL STEEL

#### 1. GENERAL

#### 1.1 RELATED DOCUMENTS

A. Drawings and general provisions of the Contract, including General and Supplementary Conditions and Division 1 Specification Sections, apply to the Section.

#### 1.2 SUMMARY

- A. This Section includes requirements regarding the appearance and surface preparation of Architecturally Exposed Structural Steel. (AESS). Refer to division 5 section 'Structural Steel' for all other requirements regarding steel work not included in this section. Requirements of Section 05 12 00 also apply to material covered under this section.
- B. This section applies to any members noted on Architectural and Structural drawings as Architecturally Exposed Structural Steel (AESS), Category "AESS 3".
- C. The following structural steel elements and connections are to be supplied and erected per AESS 3:
  - 1. Exposed columns at the Unit 'A' new canopy.
- D. Related Sections: The following Sections contain requirements that relate to this Section:
  - 1. Division 1
  - 2. Division 5 Sections 05 12 00 "Structural Steel Framing".
  - 3. Division 5 Sections 05 31 24 "Toris 5.5A Metal Deck" for erection requirements relating to exposed steel decking and its connections.
  - 4. Division 9 Sections 09 97 00 "Special Coatings" for finish coat requirements and coordination with primer and surface preparation specified in this section.

#### 1.3 DEFINITIONS

A. Architecturally Exposed Structural Steel: Structural Steel conforming to one of the categories of Architecturally Exposed Structural Steel or AESS Refer to ANSI/AISC 303-16 "Code of Standard Practice for Steel Buildings and Bridges".



B. AESS 3: Structural Steel designated as "AESS 3 in the contract documents and conforming to ANSI/AISC 303-16, Chapter 10 definition of AESS3. These are feature elements viewed at a distance less than 20 feet. The art of metalworking is intended to be visible to the viewer.

#### 1.4 ACTION SUBMITTALS

- A. General: Submit each item below according to the Conditions of the Contract and Division 1 Specification Sections.
- B. Product Data for each type of product specified. Submit "Special Coatings" under Division 9.
- C. Fabrication Documents: Detailing for fabrication of AESS components.
  - 1. Provide erection documents clearly indicating which members are AESS members and the AESS category of each part.
  - 2. Include details that clearly identify all the requirements listed in sections 2.3 "Fabrication" and 3.3 "Erection" of this specification for each part. Provide connections for exposed AESS consistent with concepts shown on the architectural or structural drawings.
  - 3. Indicate welds by standard AWS symbols, distinguishing between shop and field welds, and show size, length and type of each weld. Identify grinding, finish and profile of welds as defined herein.
  - 4. Indicate orientation of HSS seams and mill marks (where applicable).
  - 5. Indicate type, size, finish and length of bolts, distinguishing between shop and field bolts. Identify high-strength bolted slip-critical, direct-tensioned shear/bearing connections. Indicate which direction bolt heads should be oriented.
  - 6. Clearly indicate which surfaces or edges are exposed and what class of surface preparation is being used.
  - 7. Indicate special tolerances and erection requirements as noted on the drawings or defined herein.
  - 8. Indicate vent or drainage holes for HSS members.
- D. Mock Up: Provide mock ups of the nature and extent indicated on the contract documents.
  - 1. Notify the Architect one week in advance of the dates and times when mockups will be available for review.



- Locate mockups on-site or in the fabricator's shop as directed by Architect.
   Mockups shall be full size unless the Architect approves smaller models.
   Alternatively, when a mockup is not practical, the first piece of an element or connection can be used to determine acceptability
- 3. Demonstrate all applicable AESS characteristics for the specified category of AESS on the elements and joints in the mock up.
- 4. Build mockups using member sizes and materials indicated for final Work.
- 5. The mock up shall demonstrate weld quality and contouring of the welds at the aligned walls of the members.
- 6. The mock up shall demonstrate the specified surface preparation and finish coating.
- 7. HSS members shall extend at least 6" from the joint in the mock-up.
- 8. Obtain Architect's written approval of mockups before starting fabrication
- 9. Retain and maintain mockups during construction in an undisturbed condition as a standard for judging the completed work.
  - a. Approved mockups in an undisturbed condition at the time of Substantial Completion may become part of the completed work.
- E. Samples: Provide samples of specific AESS characteristics Samples may be small size samples or components of conventional structural steel demonstrating the following specific AESS characteristics.
  - 1. Continuous weld appearance
  - 2. Sharp edges ground smooth
  - 3. Surface preparation
  - 4. Fabrication mark removal
  - Weld show through.

#### 1.5 INFORMATIONAL SUBMITTALS

- A. General: Submit each item below according to the Conditions of the Contract and Division 1 Specification Sections.
- B. Qualification data for firms and persons specified in the 'Quality Assurance' Submittal to demonstrate their capabilities and experience. Include lists of completed projects names and address, names and addresses of architects and owners, and other information specified. For each project, submit photographs showing detail of installed AESS.



#### 1.6 QUALITY ASSURANCE

- A. Fabricator Qualifications: In addition to those qualifications listed in Division 5 Section 'Structural Steel', engage a Fabricator, experienced in fabricating AESS similar to that indicated for this Project with a record of successful in-service performance, as well as sufficient production capacity to fabricate AESS without delaying the Work.
- B. Erector Qualifications: In addition to those qualifications listed in Division 5 Section 'Structural Steel', engage an Erector, experienced in erecting AESS work similar in material, design, and extent to that indicted for this Project and with a record of successful in-service performance.
- C. Comply with applicable provisions of the following specifications and documents:
  - 1. ANSI/AISC 303-16," Code of Standard Practice for Steel Buildings and Bridges", Section 10.
- D. Pre-installation Conference: The General Contractor shall schedule and conduct conference at the project site to comply with requirements of Division 1 Section "Project Meetings." As a minimum, the meeting shall include the General Contractor, Fabricator, Erector, the finish-painting subcontractor, and the Architect. Coordinate requirements for shipping, special handling, storage, attachment of safety cables and temporary erection bracing, final coating, touch up painting, mock up coordination, architect's observations, and other requirements for AESS.

#### 1.7 DELIVERY, STORAGE, AND HANDLING

- A. Deliver AESS to Project site in such quantities and at such times to ensure continuity of installation. All tie downs on loads shall be nylon straps or shall use softeners when using chains or wire rope slings to avoid damage to edges and surfaces of members. The standard for acceptance of delivered and erected members shall be equivalent to the standard employed at fabrication.
- B. Store materials to permit easy access for inspection and identification. Keep steel members off ground by using pallets, platforms, or other supports. Protect steel members and packaged materials from erosion and deterioration. Use special care in handling to prevent twisting or warping of AESS members.
- C. Handle finish pieces using nylon type slings, or chains with softeners, or wire ropes with softeners such that they are not damaged. Conform to ANSI/AISC 303-16 Sections 10.4, 10.5, and 10.6.

#### 1.8 PROJECT CONDITIONS

A. Field Measurements: Where AESS is indicated to fit against walls and other construction, verify dimensions by field measurements before fabrication and indicate measurements on Fabrication Documents. Coordinate fabrication schedule with construction progress to avoid delaying the work.



#### 1.9 COORDINATION

A. Coordinate installation of anchors for AESS members that connect to the work of other trades. Furnish setting drawings, templates, and directions for installing anchors, including sleeves, concrete inserts, anchor bolts, and items with integral anchors, that are to be embedded in concrete or masonry. Deliver such items to the project site in time for installation. Anchorage concepts shall be as indicated on drawings and approved on final Fabrication Documents.

#### 2 PRODUCTS

#### 2.1 MATERIALS

- A. General: Meet requirements Division 5 Section 'Structural Steel 05 12 23' as amended below.
- B. High-Strength Bolts, Nuts, and Washers: Per section 05 12 00 heavy hex heads and nuts Provide Heavy Hex bolt heads with standard bolts. Provide standard carbon steel finish.

#### 2.2 PAINT SYSTEM

A. Compatibility: All components/procedures of the AESS paint system shall conform to the coating system specified, submitted, and approved per Division 9. As a minimum identify required surface preparation, primer, intermediate coat (if applicable), and finish coat. Primer, intermediate coating and finish coating shall be from a single manufacturer combined in a system documented by the manufacturer with adequate guidance for the fabricator to procure and execute.

#### B. Primer:

- a. As specified in 09 97 00 Special Coatings. Primer shall comply with all federal standards for VOC, lead and chromate levels.
- b. If not specified, Acrylic water-soluble shop coat with good resistance to normal atmospheric corrosion. Primer shall comply with all federal standards for VOC, lead and chromate levels.
- C. Finish Coating: Field apply intermediate and top coats per section 09 97 00.

#### 2.3 FABRICATION AESS

- A. Use special care in handling and shipping of AESS both before and after shop painting minimize damage to any shop finish. Use Nylon type slings or softeners when using chains or wire rope slings.
- B. The permissible tolerances for member depth, width, out of square, and camber and sweep shall be as specified in ASTM A6/A6M-2014 Standard Specification for General Requirements for Rolled Structural Steel Bars, Plates, Shapes, and Sheet Piling (ASTM)



A6/A6M), ASTM A500/A500M-2013 Standard Specification for Cold-Formed Welded and Seamless Carbon Steel Structural Tubing in Rounds and Shapes (ASTM A500/A500M), and Standard Specification for Cold-Formed Welded Carbon Steel Structural Sections (HSS) (ASTM A1085/A1085M).

- C. Fabricate and assemble AESS in the shop to the greatest extent possible. Locate field joints in AESS assemblies at concealed locations or as approved by the Architect. Detail AESS assemblies to minimize field handling and expedite erection.
- D. Remove blemishes or unsightly surfaces resulting from temporary braces or fixtures.
- E. Remove all backing and run out tabs.
- F. Grind all sharp edges smooth, including all sheared, punched or flame cut edges
- G. Provide a continuous appearance to all welded joints including tack welds. Provide joint filler at intermittent welds.
- H. Bolted Connections: Make in accordance with Section 05 12 00. Provide bolt type and finish as noted herein.
- I. Weld Connections: Comply with AWS D1.1 and Section 05 12 00. Appearance and quality of welds shall be consistent. Assemble and weld built-up sections by methods that will maintain alignment of members without warp exceeding the tolerance of this section.
- J. Install all bolts on the same side of the connection. Oriented uniformly in the direction indicated Consistent from one connection to another.
- K. Remove all weld spatter, slivers and similar surface discontinuities.
- L. Grind off projections larger than 1/16" at butt and plug welds.
- M. Continuous Weld Appearance: Where continuous welding is noted on the drawings, provide welds of a uniform size and profile
- N. Seal Welds: Seal weld open ends of round and rectangular hollow structural section with 3/8" closure plates.
- O. The as-fabricated straightness tolerance shall be one-half of that specified in ASTM A6/A6M, ASTM A500/A500M, or ASTM A1085/A1085M.
- P. For curved structural members, whether composed of a single standard structural shape or built-up, the as-fabricated variation from the theoretical curvature shall be equal to or less than the standard camber and sweep tolerances permitted for straight members in the applicable ASTM standard.
- Q. The tolerance on overall profile dimensions of welded built-up members shall be one-half of that specified in AWS D1.1/D1.1M: 2015 Structural Welding Code Steel (AWS D1.1).



- R. Provide hidden part marks or piece marks that may be fully removed after erection.
- S. Fabricate AESS with exposed surfaces smooth, square and of surface quality consistent with the approved mock up.
- T. Grind projections at butt and plug welds to be smooth with the adjacent surface.
- U. Orientation of HSS seams shall be as shown.
- V. Copes, miters, and cuts in surfaces exposed to view shall have a maximum gap of 1/8" in an open joint. If the gap is shown to be in contact, the contact shall be uniform within 1/16".
- W. Mill marks shall not be exposed to view. If it is not possible to hide mill marks, then the mill marks are to be removed by appropriate length cutting of mill material. If this is not possible, the fabricator shall remove the mill mark, grind, and fill the surface to be consistent with the approved mock up.
- X. The matching of abutting cross sections is required.

#### 2.4 SHOP PRIMING

- A. Provide surface preparations to SSPC-SP6. Coordinate the required surface profile with the approved paint submittal prior to beginning surface preparation. Prior to blasting remove any grease and oil using solvent cleaning to meet SSPC-SP 1. Weld spatter, slivers and similar surface discontinuities shall be removed. Sharp corners resulting from shearing, flame cutting or grinding shall be eased.
- B. Shop prime steel surfaces, except the following:
  - 1. Surfaces embedded in concrete or mortar. Extend priming of partially embedded members to a depth of 2 inches.
  - 2. Surfaces to be field welded.
  - 3. Surfaces to be high-strength bolted with slip-critical connections,
- C. Priming: Immediately after surface preparation, apply primer according to manufacturer's instructions to provide a dry film thickness of not less than 1.5 mils (0.038 mm). Use priming methods that result in full coverage of joints, corners, edges, and exposed surfaces.
  - 1. Stripe paint corners, crevices, bolts, welds, and sharp edges.
  - 2. Apply two coats of shop primer to surfaces that are inaccessible after assembly or erection.

#### 2.5 FABRICATION QUALITY CONTROL AND QUALITY ASSURANCE

- A. Structural requirements:
  - Conform to Quality Control requirements per ANSI/AISC 360-16 "Specification for Structural Steel Buildings" Chapter N and ANSI/AISC 303-16," Code of Standard



- Practice for Steel Buildings and Bridges", Section 10. Refer to Section 05 12 00 "Structural Steel" for additional requirements.
- 2. Owner will engage a Quality Assurance agency per the requirements of ANSI/AISC 360-16 "Specification for Structural Steel Buildings" Chapter N and ANSI/AISC 303-16," Code of Standard Practice for Steel Buildings and Bridges", Section 10
- B. AESS acceptance: The Architect shall observe the AESS steel in the shop at a viewing distance consistent with the final installation and determine acceptability based on the qualification data and submittals. The Quality Assurance agency shall have no responsibility for enforcing the requirements of this section.

#### 3 PART 3 - EXECUTION

#### 3.1 EXAMINATION

A. The erector shall check all AESS members upon delivery for twist, kinks, gouges or other imperfections which may result in rejection of the appearance of the member. Coordinate remedial action with fabricator prior to erecting steel.

#### 3.2 PREPARATION

A. Provide connections for temporary shoring, bracing and supports only where noted on the approved Fabrication Documents. Temporary connections not shown shall be made at locations not exposed to view in the final structure or as approved by the Architect. Handle, lift and align pieces using nylon straps or chains with softeners required to maintain the appearance of the AESS through the process of erection.

#### 3.3 ERECTION OF AESS

- A. Employ special care to handle and erect AESS. Erect finish pieces using nylon straps or chains with softeners such that they are not damaged.
- B. Place weld tabs for temporary bracing and safety cabling at points concealed from view in the completed structure or where approved by the Architect during the preinstallation meeting. Methods of removing temporary erection devices and finishing the AESS members shall be approved by the Architect prior to erection.
- C. AESS Erection tolerances: Erection tolerances shall meet the requirements of standard frame tolerances for structural steel per Chapter 7 of ANSI/AISC 303-16.
- D. Set AESS accurately in locations and to elevations indicated and according to AISC specifications referenced in this Section.
- E. Remove blemishes or unsightly surfaces resulting from temporary braces or fixtures.
- F. Remove all backing and run out tabs.



- G. When temporary braces or fixtures are required to facilitate erection, care shall be taken to avoid any blemishes, holes or unsightly surfaces resulting from the use or removal of such temporary elements.
- H. Bolted Connections: Align bolt heads on the same side of the connection as indicated on the approved fabrication or erection documents.
- I. Weld Connections: Comply with AWS D1.1 and Section 05 12 00. Appearance and quality of welds shall be consistent. Employ methods that will maintain alignment of members without warp exceeding the tolerance of this section.
- J. Remove all weld spatter exposed to view.
- K. Grind off projections larger than 1/16" at field butt and plug welds.
- L. Continuous Welds: Where continuous welding is noted on the drawings, provide continuous welds of a uniform size and profile.
- M. Do not enlarge holes in members by burning or by using drift pins. Ream holes that must be enlarged to admit bolts. Replace connection plates that are misaligned where holes cannot be aligned with acceptable final appearance.
- N. Splice members only where indicated.
- O. Obtain permission for any torch cutting or field fabrication from the Architect. Finish sections thermally cut during erection to a surface appearance consistent with the mock up.
- P. Field Welding: Weld profile, quality, and finish shall be consistent with mock-ups approved prior to fabrication.
- Q. Provide a continuous appearance to all welded joints including tack welds. Provide joint filler at intermittent welds.
- R. Welds ground smooth: Erector shall grind welds smooth.

#### 3.4 FIELD QUALITY CONTROL AND QUALITY ASSURANCE

- A. Structural requirements:
  - Conform to Quality Control requirements per ANSI/AISC 360-16 "Specification for Structural Steel Buildings" Chapter N and ANSI/AISC 303-16," Code of Standard Practice for Steel Buildings and Bridges", Section 10. Refer to Section 05 12 00 "Structural Steel" for additional requirements.
  - 2. Owner will engage a Quality Assurance agency per the requirements of ANSI/AISC 360-16 "Specification for Structural Steel Buildings" Chapter N and ANSI/AISC 303-16," Code of Standard Practice for Steel Buildings and Bridges", Section 10
- B. AESS acceptance: The Architect shall observe the AESS steel in place and determine acceptability based on the qualification data and submittals. The Quality Assurance Agency shall have no responsibility for enforcing the requirements of this section.

#### Winfield Elementary School 2023 Additions, Renovations, and Related Work

21-110

C. AESS acceptance: The Architect shall observe the AESS steel in place and determine acceptability based on the approved mock up. The Quality Assurance Agency shall have no responsibility for enforcing the requirements of this section.

#### 3.5 ADJUSTING AND CLEANING

A. Touchup Painting: Cleaning and touchup painting of field welds, bolted connections, and abraded areas of shop paint shall be completed to blend with the adjacent surfaces of AESS. Such touch up work shall be done in accordance with manufacturer's instructions and as specified in Division 9, Section "Painting."

PROJECT:

# WINFIELD ELEMENTARY SCHOOL 2023 ADDITIONS, RENOVATIONS, AND

RELATED WORK

CROWN POINT COMUNITY SCHOOL CORPORATION CROWN POINT, INDIANA

100% CONSTRUCTION DOCUMENTS 03/16/2023

# GIBRALTAR

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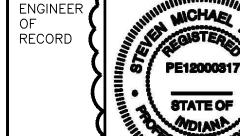
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PE10606154

STATE OF







WINFIELD ELEMENTARY SCHOOL 2023 ADDITIONS, RENOVATIONS, AND RELATED WORK GIBRALTAR DESIGN

DRAWING

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G-101

**GIBRALTAR** 

DESIGN ARCHITECTURE • ENGINEERING • INTERIOR DESIGN

PROJECT

**WINFIELD** 

**ELEMENTARY** 

SCHOOL 2023

RENOVATIONS,

AND RELATED

CROWN POINT COMMUNITY SCHOOL CORPORATION **CROWN POINT. INDIANA** 

GIBRALTAR DESIGN

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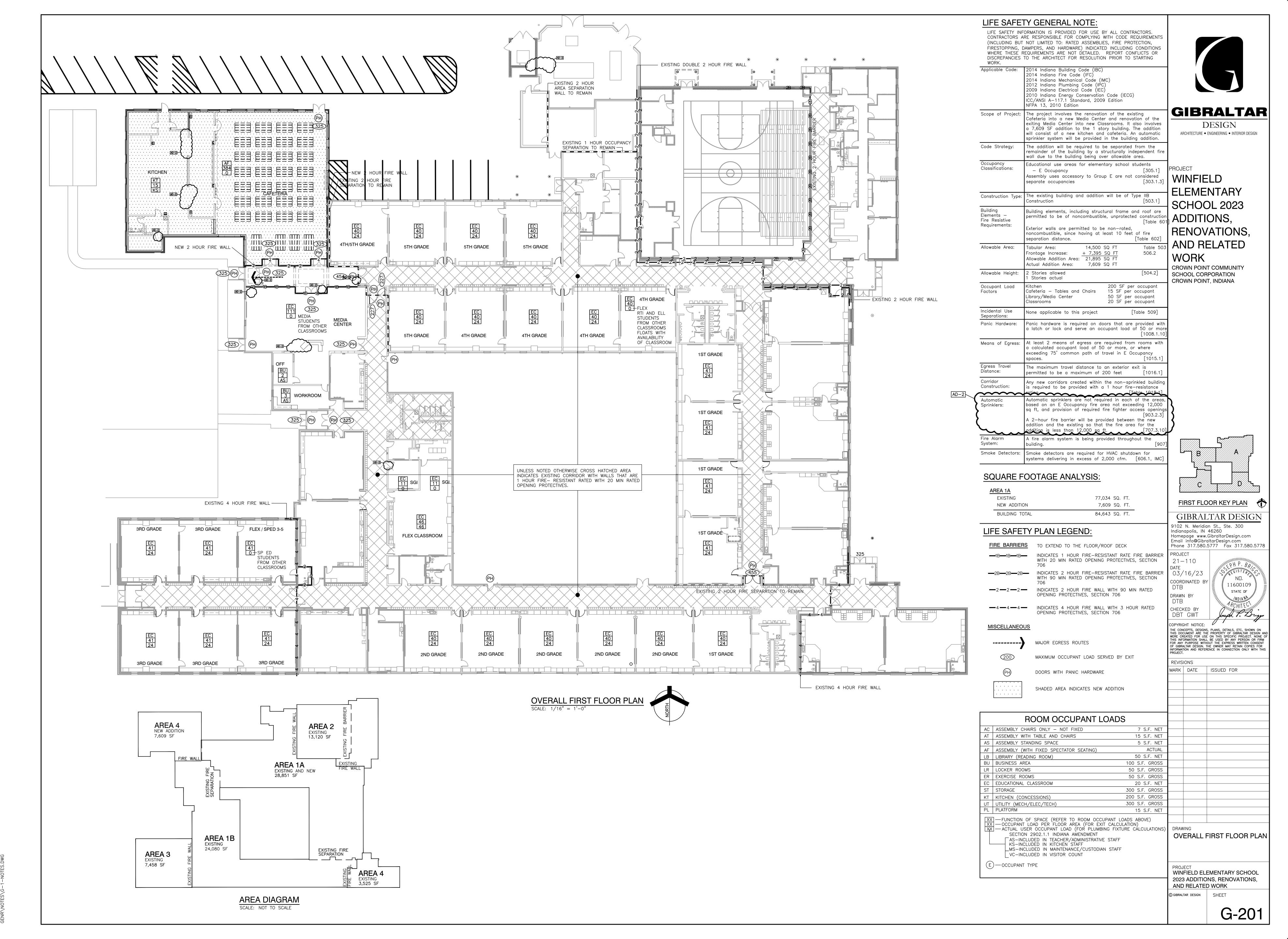
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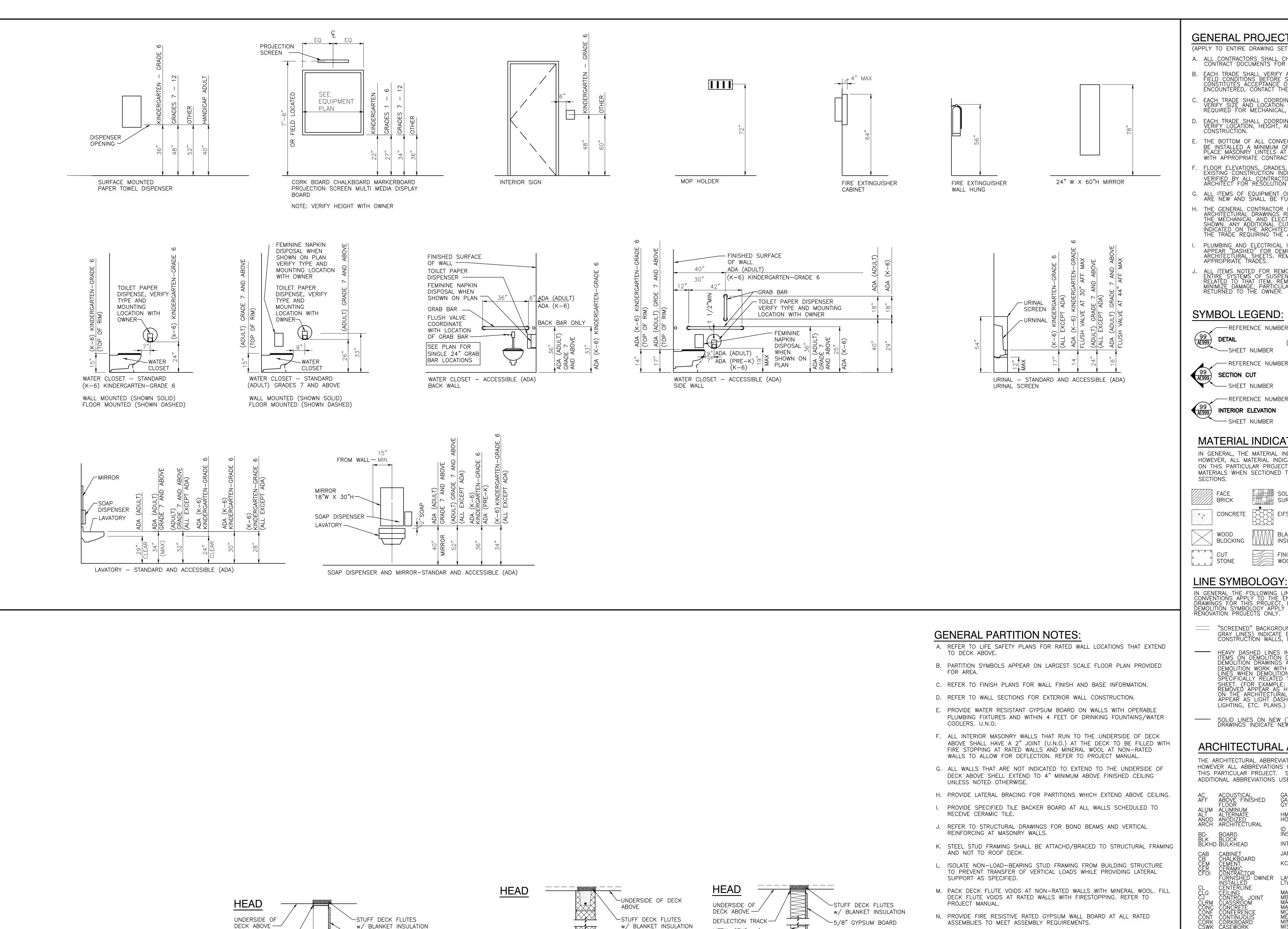
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ADDITIONS,

WORK



Friday, 4/7/2023 — 11:19 AM — LAST SAVED BY:DBURNS Y:\21—110 CROWN POINT CSC — WINFIELD ES 2023 ADDITIONS AND RENOVATIONS\21—110 DRAWINGS\02 GENR\NOTES\G—1—NOTES.DWG



**GENERAL PROJECT NOTES:** (APPLY TO ENTIRE DRAWING SET) E. THE BOTTOM OF ALL CONVECTOR FAN COIL, AND UNIT HEATER RECESSES SHALL BE INSTALLED A MINIMUM OF 6" AND A MAXIMUM OF 12" ABOVE FLOOR LINE. PLACE MASONRY LINELS AT UNCUT COURSING HEIGHT. COORDINATE OPENINGS GIBRALTAR DESIGN . FLOOR ELEVATIONS, GRADES, DIMENSIONS, CLEARANCES, AND CONDITIONS OF EXISTING CONSTRUCTION INDICATED ON THESE DRAWINGS SHALL BE FIELD VERIFIED BY ALL CONTRACTOR(S). REPORT CONFLICTS OR DISCREPANCIES TO THE ARCHITECT FOR RESOLUTION PRIOR TO STARTING WORK. ARCHITECTURE • ENGINEERING • INTERIOR DESIGN THE GENERAL CONTRACTOR IS RESPONSIBLE FOR ALL CUTTING INDICATED ON THE ARCHITECTURAL DRAWINGS RELATED TO INSTALLATION OR REMOVAL OF WORK OF THE MECHANICAL AND ELECTRICAL TRADES. ALL REQUIRED CUTTING MAY NOT BE SHOWN. ANY ADDITIONAL CUTTING AND PATCHING REQUIRED, WHICH IS NOT INDICATED ON THE ARCHITECTURAL DRAWINGS, SHALL BE THE RESPONSIBILITY OF THE TRADE REQUIRING THE ACCESS, AS PROVIDED FOR IN THE SPECIFICATIONS. **PROJECT** WINFIELD PLUMBING AND ELECTRICAL ITEMS (SUCH AS SINKS, TOILETS, PANELS, ETC.) MAY APPEAR "DASHED" FOR DEMOLITION ON SEVERAL DRAWINGS INCLUDING ARCHITECTURAL SHEETS. REMOVAL OF THESE ITEMS SHALL BE BY THE

UNIT BREAK

TED FOR REMOVAL SHALL BE REMOVED COMPLETELY, INCLUMS OF SUSPENSION, ANCHORS, CLIPS, AND ADHESIVES, ETCHAT ITEM. REMOVAL SHALL BE PERFORMED CAREFULLY TO AGE, PARTICULARLY ITEMS TO BE SALVAGED FOR REUSE OR THE OWNER. SYMBOL LEGEND: (99) MISCELLANEOUS CASEWORK REFERENCE NUMBER DETAIL -999 ROOM NUMBER ---SHEET NUMBER --- REFERENCE NUMBER ADDITIONAL SECTION CUT DOOR NUMBER ─ ROOM - REFERENCE NUMBER 9 WINDOW NUMBER (AE999) INTERIOR ELEVATION

# MATERIAL INDICATIONS:

IN GENERAL, THE MATERIAL INDICATIONS SHOWN BELOW ARE TYPICAL HOWEVER, ALL MATERIAL INDICATIONS PRESENTED HERE MAY NOT BE USED ON THIS PARTICULAR PROJECT. THESE SYMBOLS TYPICALLY INDICATE THE MATERIALS WHEN SECTIONED THROUGH ON PLANS, DETAILS AND WALL SECTIONS.

DEMOLITION NOTE

EIFS CONCRETE MARBLE INSULATION , OR GYPSUM BLOCKING FINISH RIGID WOOD INSULATION

# LINE SYMBOLOGY

O. PROVIDE FIRE RESISTIVE JOINT SYSTEMS EQUAL TO WALL RATING AT ALL

P. PROVIDE ACOUSTICAL INSULATION AT INTERIOR WALLS NOTED TO RECEIVE

Q. PROVIDE ACOUSTICAL SEALANT AT WALL SILL, HEAD, PENETRATIONS, AND

R. STUD SPACING 16" O.C. UNLESS NOTED OTHERWISE.

ADDITIONAL SPECIFIED SOUND ATTENUATION COMPONENTS AT SOUND RATED

PENETRATIONS AND AT HEAD/FLOOR INTERSECTIONS WITH RATED

BLANKET INSULATION.

IN GENERAL THE FOLLOWING LINE SYMBOLOGY CONVENTIONS APPLY TO THE ENTIRE SET OF DRAWINGS FOR THIS PROJECT, EXISTING, AND DEMOLITION SYMBOLOGY APPLY TO ADDITION AND RENOVATION PROJECTS ONLY.

"SCREENED" BACKGROUND LINES (LIGHT GRAY LINES) INDICATE EXISTING CONSTRUCTION WALLS, PIPES, LIGHTS, ETC. HEAVY DASHED LINES INDICATE DEMOLITION ITEMS ON DEMOLITION DRAWINGS.
DEMOLITION DRAWINGS ALSO INDICATE DEMOLITION BRAWINGS ALSO INDICATE
DEMOLITION WORK WITH "LIGHT" DASHED
LINES WHEN DEMOLITION WORK IS NOT
SPECIFICALLY RELATED TO THE CURRENT SHEET. (FOR EXAMPLE: WALLS BEING REMOVED APPEAR AS HEAVY DASHED LINES ON THE ARCHITECTURAL PLANS AND APPEAR AS LIGHT DASHED LINES ON HVAC,

EXISTING WALL TO BE REMOVED v NEW SOUNDPROOF NEW STUD WALL

PLAN EXAMPLES:

EXISTING WALL

XXXXXXXXXXXXX NEW CMU WALL

SOLID LINES ON NEW ("NON-DEMOLITION")
DRAWINGS INDICATE NEW WORK.

# **ARCHITECTURAL ABBREVIATIONS:**

THE ARCHITECTURAL ABBREVIATIONS LISTED BELOW ARE TYPICAL. HOWEVER ALL ABBREVIATIONS PRESENTED HERE HAVE NOT BEEN USED ON THIS PARTICULAR PROJECT. SEE ROOM FINISH SCHEDULE LEGENDS FOR ADDITIONAL ABBREVIATIONS USED ONLY ON THE ROOM FINISH SCHEDULE.

AC AFF ALUM	ACOUSTICAL ABOVE FINISHED FLOOR ALUMINUM	GA GALV GYP	GAGE GALVANIZED GYPSUM	RB RC RD REINF	RUBBER BASE ROOF CONDUCTOR ROOF DRAIN REINFORCING, OR REINFORCMENT RESILIENT REVISION ROOM
ALT ANOD ARCH	ALTERNATE ANODIZED ARCHITECTURAL	HM HORIZ	HOLLOW METAL HORIZONTAL	RESIL REV	REINFORCMENT RESILIENT REVISION
BD BLK	BOARD BLOCK BULKHEAD	ID INSUL INT	INSIDE DIAMETER INSULATED, OR INSULATION	RÖ RV	ROUGH OPENING ROOF VENT
CAB CB	CABINET CHALKBOARD	JAN	JANITOR	SIM	SQUARE FEET SIMILAR
CEM CER CFOI	CHALKBOARD CEMENT CERAMIC	KCP	KEENE'S CEMENT PLASTER	SM SPEC SQ	SPECIFICATION SQUARE
CFOI	CEMENT CERAMIC CONTRACTOR FURNISHED OWNER INSTALLED CENTERLINE CELLING	LAV LTWT	LAVATORY LIGHTWEIGHT	ST. A.	SQUARE FEET SIMILAR SMOOTH SPECIFICATION SQUARE STAINLESS STEEL STEEL ANGLE STEEL CHANNEL STEEL M—SHAPE STEEL STRUCTURAL TUBE STEEL W—SHAPE
CL CJ CJ	CENTERLINE CEILING CONTROL JOINT	MARB MB	MARBLE MARKERBOARD	ST. T.	STEEL STRUCTURAL
CLRM CONC CONF	CLASSROOM CONCRETE	MAS MAX	MASONRY MAXIMUM	ST. W.	STEEL W-SHAPE STANDARD
CONT	CONFERENCE CONTINUOUS	MC MECH	MISC STEEL CHANNEL MECHANICAL	STL STOR	STEEL W-SHAPE STANDARD STEEL STORAGE SYNTHETIC SYSTEM
ČORK CSWK CT	CENTERLINE CEILING CONTROL JOINT CLASSROOM CONCRETE CONFERENCE CONTINUOUS CORKBOARD CASEWORK CERAMIC TILE	MIN MISC MO	MINIMUM MISCELLANEOUS MASONRY OPENING	SYS	SYSTEM
DEG DEMO	DEGREE DEMOLITION	MARB MB MAS MC MECH MISC MO MR MTD MTL	MARKERBOARD MASONRY MAXIMUM MISC STEEL CHANNEL MECHANICAL MINIMUM MISCELLANEOUS MASONRY OPENING MOISTURE RESISTANT MOUNTED METAL	TEL TER TYP	TELEPHONE TERRAZZO TYPICAL
DF DIA	DRINKING FOUNTAIN DIAMETER	NA	NOT APPLICABLE NOT TO SCALE		UNFINISHED
DN EIFS	DOWN	NTS OC		VB VCT	VINYL BASE VINYL COMPOSITION
LIFS	EXTERIOR INSULATION AND FINISH SYSTEM	ŎĎ OFCI	ON CENTER OUTSIDE DIAMETER OWNER FURNISHED	VEN VERT	TILE VENEER VERTICAL
ELEC EQ	ELECTRICAL FOUAL	OFOI	OWNER FURNISHED CONTRACTOR INSTALLED OWNER FURNISHED OWNER INSTALLED	VERT VFOI	VERTICAL VENDOR FURNISHEI OWNER INSTALLED
ĒQUIP EWC	EQUIPMENT ELECTRIC WATER COOLER	OFVI	OWNER INSTALLED OWNER FURNISHED VENDOR INSTALLED OFFICE	VFVI	OWNER INSTALLED VENDOR FURNISHED
EXIST	COOLER EXISTING EXPANSION JOINT	OFF ORD	OFFICE OVERFLOW ROOF DRAIN	₩c	VENDOR FURNISHEI VENDOR INSTALLED VINYL WALL COVERING
EJ EXT	EXTERIOR	PERF	PERFORATED		
FD FE	FLOOR DRAIN FIRE EXTINGUISHER FIRE EXTINGUISHER	PL PLAM PLAS	PLATE PLASTIC LAMINATE PLASTER	W/O WD WSCT WWF	WITH WITHOUT
FĒC	CABINET	PLAM PLAS PORC PRCST	PLATE PLASTIC LAMINATE PLASTER PORCELAIN PRECAST PARTITION	WSCT WWF	WOOD WAINSCOT WELDED WIRE
FRP	FIBERGLASS	PTN	PARTITION	44 44 1	FABRIC

**ELEMENTARY** SCHOOL 2023 ADDITIONS, RENOVATIONS, AND RELATED WORK **CROWN POINT COMMUNITY** 

SCHOOL CORPORATION

CROWN POINT, INDIANA

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ROJECT 21—110 TE	MINIMUM PH P. BRIDE
3/16/23	Outube CIST E PROFILE
OORDINATED BY	11600109
RAWN BY DTB	ND.  11600109  TATE OF  ACHITEC
HECKED BY	ALL DALLES

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TYPICAL ACCESSIBLE MOUNTING HEIGHTS, PARTITION TYPES, ABBREVATIONS, SYMBOLOGY, AND LEGEND

WINFIELD ELEMENTARY SCHOOL 2023 ADDITIONS, RENOVATIONS, AND RELATED WORK

© GIBRALTAR DESIGN SHEET G-301

1 – LAST SAV WINFIELD ES 110 DRAWINGS y, 4/5/2023 - 8 0 CROWN POINT AND RENOVATION 301.DWG DEFLECTION TRACK —

4 1/4" AT (C3)—

6 5/8" AT 〈C6〉

BASE

LIGHTWEIGHT BLOCK EXTENDS ABOVE CEILING ONE (1)

FINISH CEILING AS SCHEDULED

-FINISH AS SCHEDULED

-BASE AS SCHEDULED

-FINISH FLOOR

FULL COURSE

SEE STRUCTURAL

6 5/8" AT (D6)—

HORIZONTAL REINFORCEMENT

VERTICAL —

**BASE** 

AT 1'-4" OC

(D4) 4" CMU EXTENDS ABOVE CEILING.

(D6) 6" CMU EXTENDS ABOVE CEILING.

PARTITION TYPE "D"

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

DRAWINGS FOR

REINFORCING -

VERTICAL

PLAN

`—GYPSUM BOARD

⊢METAL STUD

-FINISH FLOOR

(C3) 3 5/8" METAL STUD w/ 5/8" GYPSUM BOARD ON ONE SIDE.

(6) 6" METAL STUD w/ 5/8" GYPSUM BOARD ON ONE SIDE.

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

PARTITION TYPE "C"

-FINISH AS SCHEDULED

-BASE AS SCHEDULED

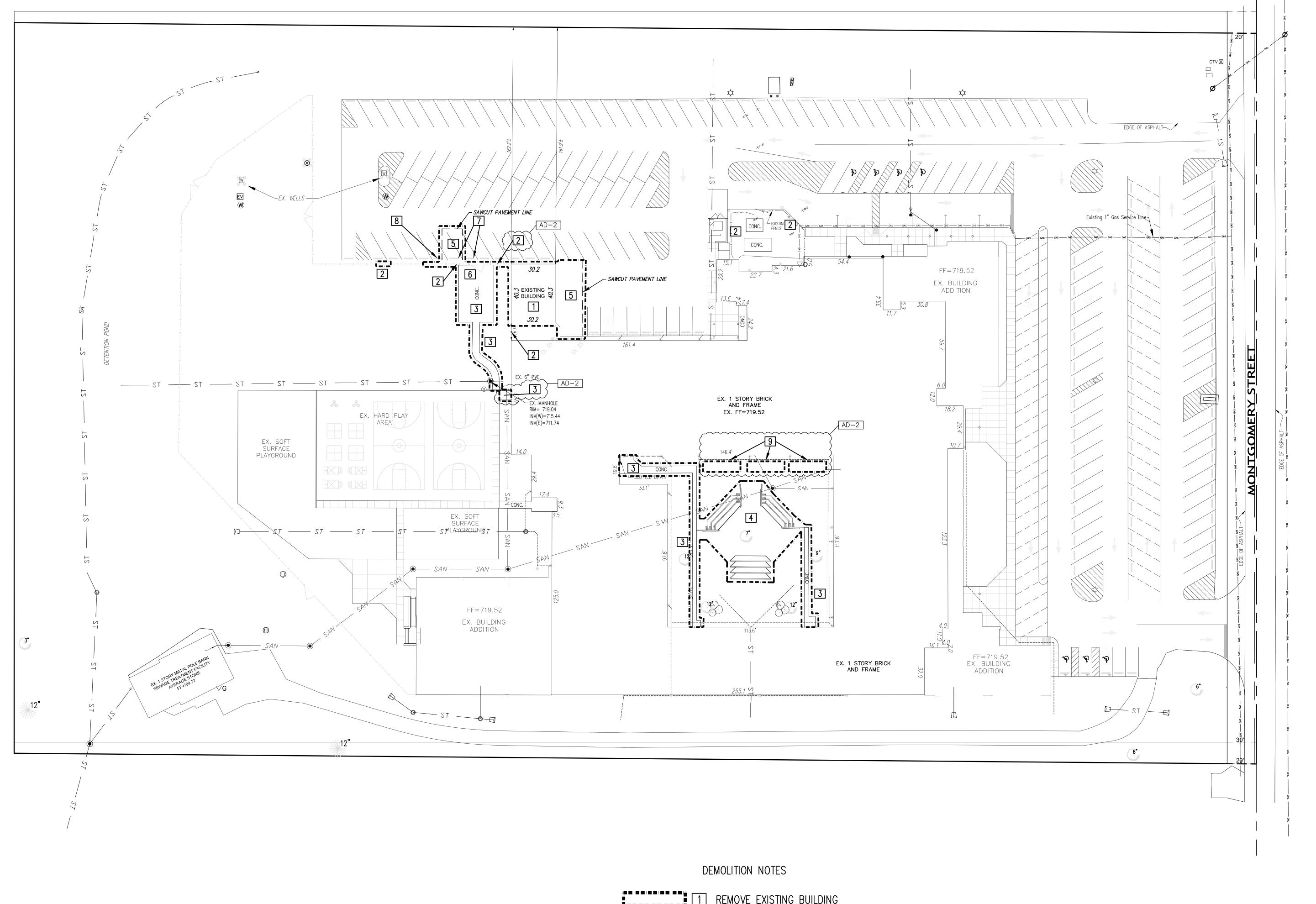
FINISH CEILING AS SCHEDULED

LAYERS WHERE INDICATED BY WALL TYPE / SECOND LAYER

TO EXTEND 4" ABOVE CEILING)

-GYPSUM BOARD (PROVIDE 2

	-UNDERSIDE OF DEC	K UNDERSIDE OF STUEE DESK FLUTES	
	ABOVE	UNDERSIDE OF STUFF DECK FLUTES DECK ABOVE W/ BLANKET INSULATION	
	STUFF DECK FLUTES  W/ BLANKET INSULA		
	W/ BEARRET INSOE	METAL STUD W/ BLANKET INSULATION  ONE (1) FULL COURSE	NG
SEE STRUCTURAL DRAWINGS FOR VERTICAL		SEE STRUCTURAL DRAWINGS FOR VERTICAL FINISH CEILING AS SCHEDU	LEC
REINFORCING		REINFORCING TO THE PROPERTY OF	
PLAN		<u>PLAN</u>	
3 5/8" AT \(\begin{array}{c} \text{B4} \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\	2 8 8 8		
5 5/8" AT (B6)	3 8 2 2 2 3 8 8 8 8 8 8 8 8 8 8 8 8 8 8	2, <del>1</del>	
7 5/8" AT B8		7 5/8" AT A8 AD-2 11 5/8" AT A13	
9 5/8" AT 10		$\begin{array}{c ccccccccccccccccccccccccccccccccccc$	
11 5/8" AT <b>8</b> 12			
HORIZONTAL	FINISH AS SCHEDUL	HORIZONTAL XXXX	
REINFORCEMENT AT 1'-4" OC	BASE AS SCHEDULE	REINFORCEMENT  D AT 1'-4" OC BASE AS SCHEDULED	
VERTICAL —		VERTICAL VERTICAL	
BASE	FINISH FLOOR	BASEFINISH FLOOR	
(B6) 6" CMU EXTENDS	TO BOTTOM OF DECK ABOVE.	(A8) 8" CMU EXTENDS ONE COURSE ABOVE CEILING.	
B8 8" CMU EXTENDS	TO BOTTOM OF DECK ABOVE.	6" STUD w/ GYPSUM BOARD TO STRUCTURE ABOVE.	ភា
X	TO BOTTOM OF DECK ABOVE.	12" CMU EXTENDS ONE COURSE ABOVE CEILING. 6" STUD w/ GYPSUM BOARD TO STRUCTURE ABOVE.	듸
PART	ΓΙΤΙΟΝ TYPE "B"	PARTITION TYPE "A"	
SCALE:	3/4" = 1'-0"	SCALE: $3/4" = 1'-0"$	



1 REMOVE EXISTING BUILDING 2 REMOVE EXISTING FENCE / GATE

1. THE CONTRACTOR IS RESPONSIBLE TO VERIFY ALL EXISTING SITE

CONDITIONS AND SHALL NOTIFY THE ARCHITECT/ENGINEER IMMEDIATELY

2. THE CONTRACTOR SHALL REFER TO THE ARCHITECTURAL PLAN SET

3. ALL SEWER LOCATIONS THAT COULD BE FIELD VERIFIED ARE SHOWN. ALL OTHERS ARE TAKEN FROM PREVIOUS DRAWINGS OF IMPROVEMENTS TO

OF ANY DISCREPANCIES BETWEEN THE EXISTING CONDITIONS AND ALL

PROPOSED IMPROVEMENTS IN THE CONSTRUCTION DRAWINGS.

FOR ANY DEMOLITION OF THE EXISTING BUILDING.

REMOVE CONCRETE PAVEMENT /

4 REMOVE COURTYARD WOOD TERRACING 5 REMOVE ASPHALT PAVEMENT

6 REMOVE FENCE GATE

7 REMOVE WHEEL STOP

REMOVE & REINSTALL WHEEL STOP

9 REMOVE WOOD PLANTERS

LEGEND:

<u>EXISTING</u> MANHOLE END SECTION UNMARKED UTILITY MANHOLE DECIDUOUS TREE W/

TRUNK DIA. NON-DECIDUOUS TREE W/TRUNK DIA.

DRAIN CLEAN OUT POWER POLE

LIGHT POLE CABLE TV PEDESTAL STEEL BOLLARD SIGN or BILLBOARD

FLAG POLE FIBER OPTIC MARKER WATER VALVE

WINFIELD ELEMENTARY SCHOOL 2023 ADDITIONS, RENOVATIONS, AND RELATED WORK © GIBRALTAR DESIGN SHEET

C-1.1

NORTH GRAPHIC SCALE I INCH = 30FT.

WELL ELECTRIC VAULT ----- SAN ------ SANITARY LINE ------ ST ------ STORM SEWER LINE GIBRALTAR **DESIGN** 

PROJECT

ARCHITECTURE ● ENGINEERING ● INTERIOR DESIGN

WINFIELD ELEMENTARY SCHOOL 2023 ADDITIONS, RENOVATIONS, RELATED

WORK CROWN POINT COMMUNITY SCHOOL CORPORATION CROWN POINT, INDIANA

TORRENGA ENGINEERING, INC. CONSULTING ENGINEERS & LAND SURVEYORS 907 RIDGE ROAD MUNSTER, IN 46321 T: (219) 836-8918 F: (219) 836-1138

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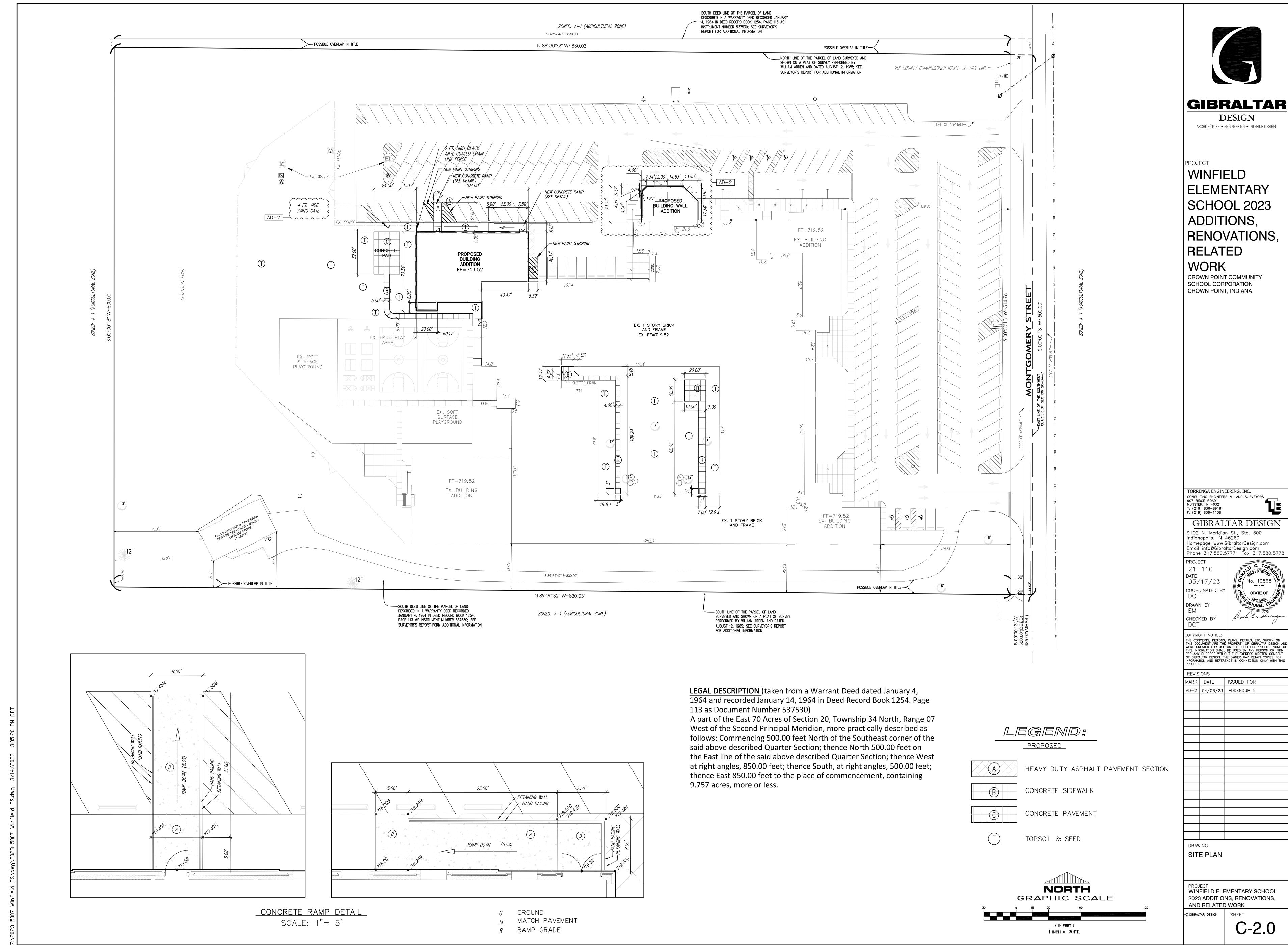
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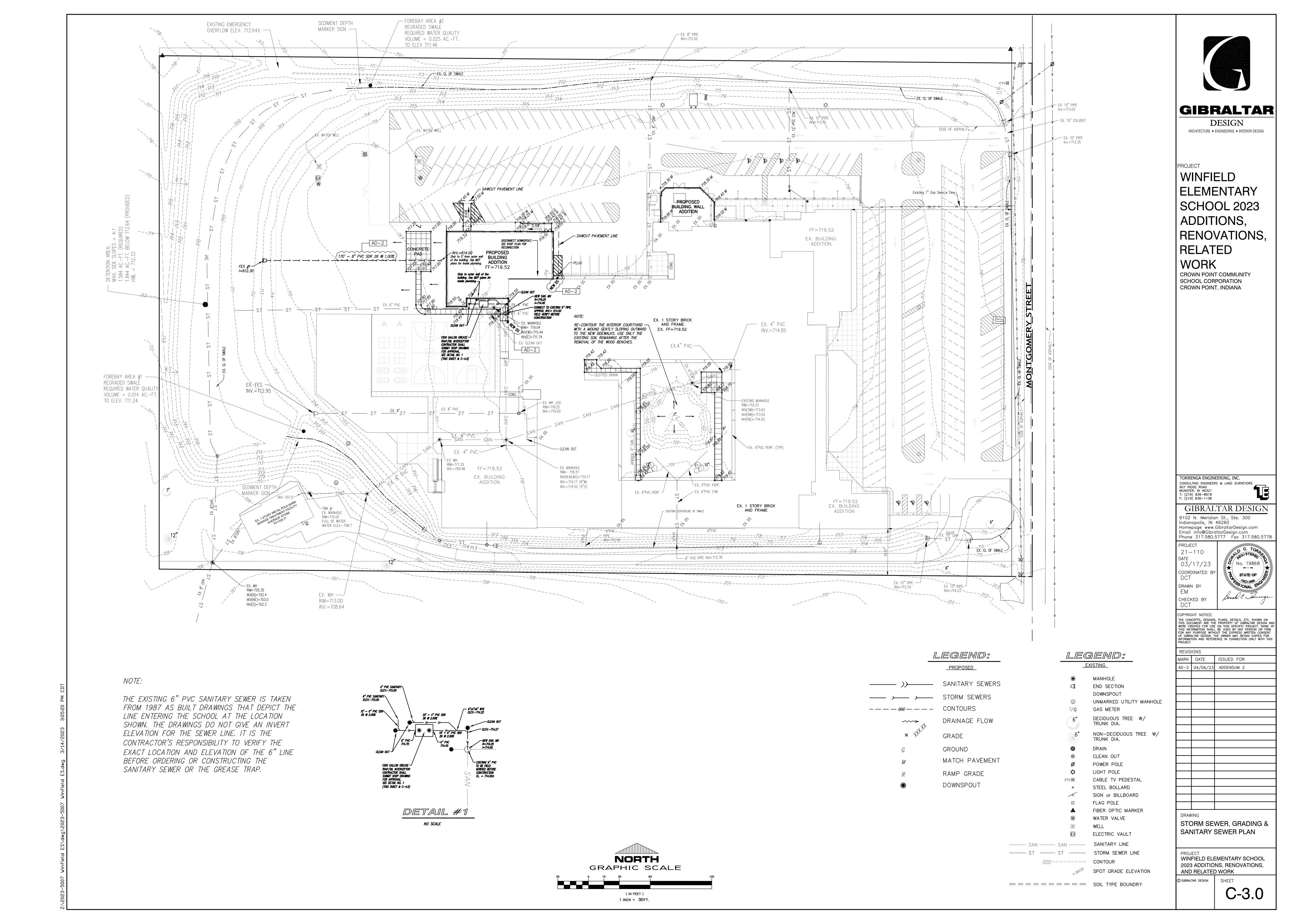
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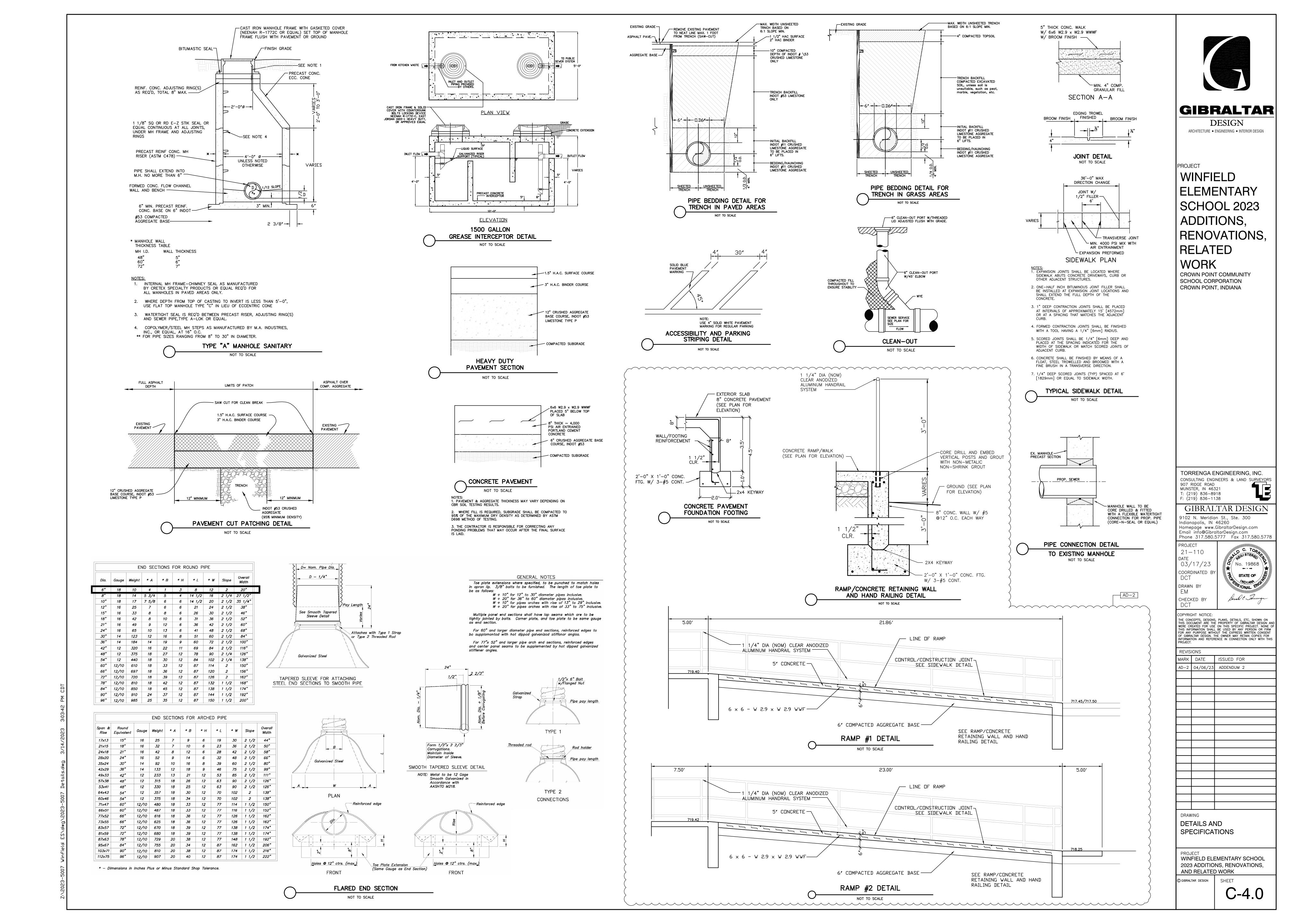
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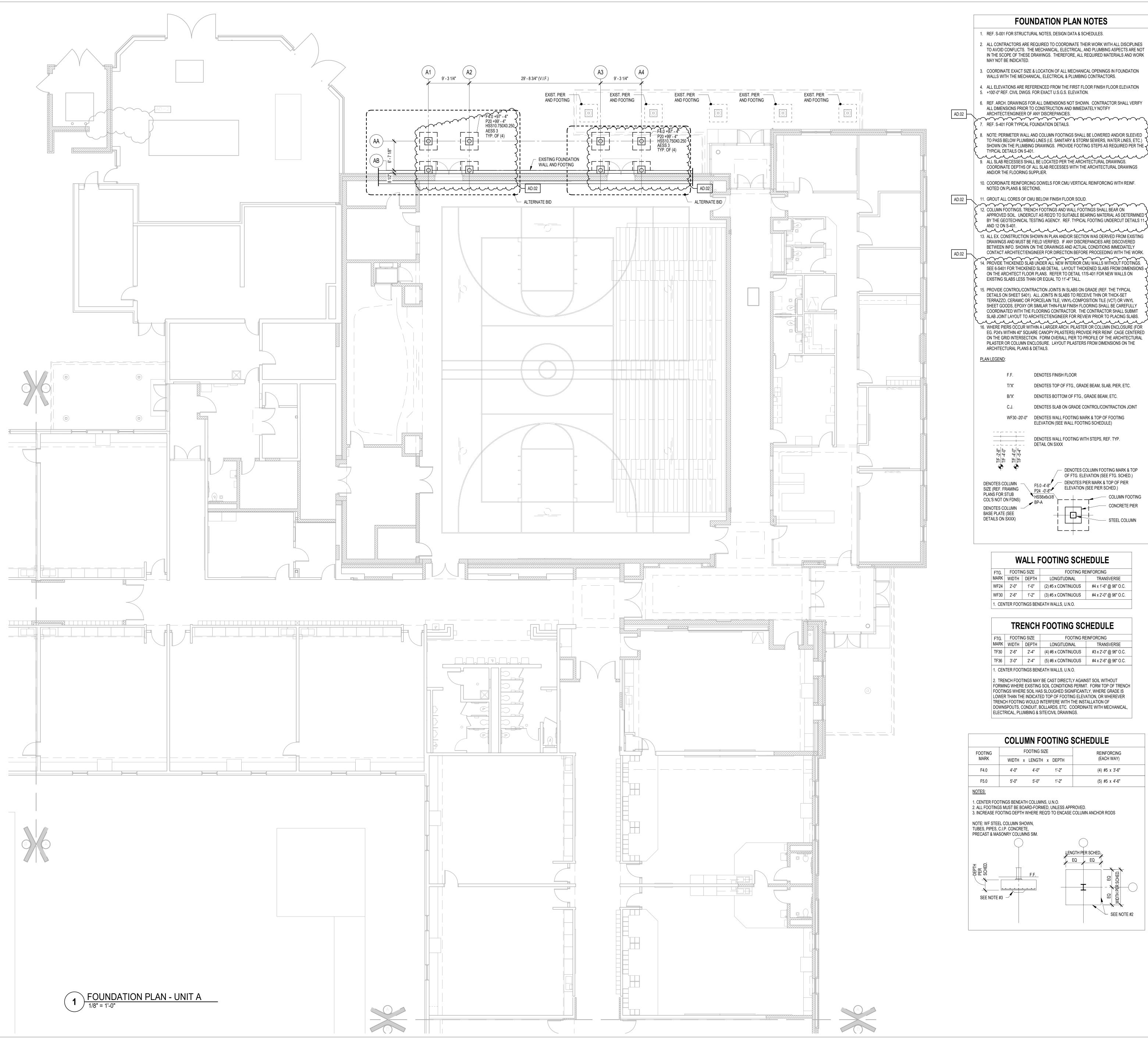
MARK DATE ISSUED FOR AD-2 04/06/23 ADDENDUM 2

DRAWING DEMOLITION PLAN











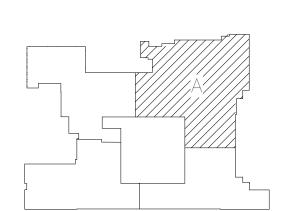
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DESIGN ARCHITECTURE • ENGINEERING • INTERIOR DESIGN

PROJECT

WINFIELD **ELEMENTARY SCHOOL 2023** ADDITIONS, RENOVATIONS, **AND RELATED** WORK

CROWN POINT COMMUNITY SCHOOL CORPORATION CROWN POINT, INDIANA



# FIRST FLOOR KEY PLAN

Phone 317.580.5777 Fax 317.580.5778

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PE10606154

21-110 DATE

03/16/23

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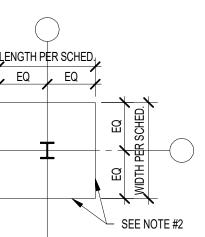
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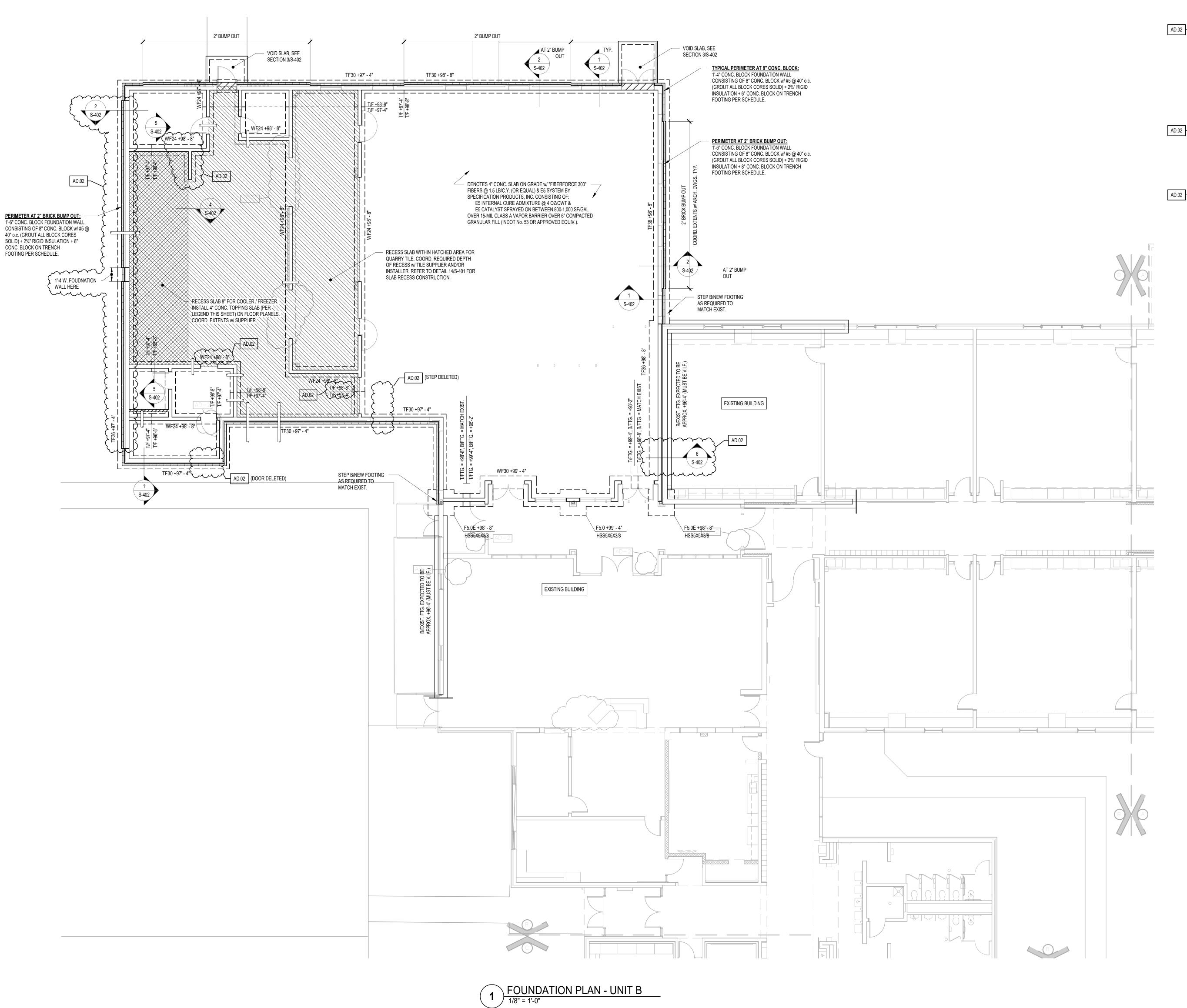
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FOOTING	FOOTING SIZE			REINFORCING		
MARK	WIDTH x LENGTH x DEPTH		x DEPTH	(EACH WAY)		
F4.0	4'-0"	4'-0"	1'-2"	(4) #5 x 3'-6"		
F5.0	5'-0"	5'-0"	1'-2"	(5) #5 x 4'-6"		
NOTES:						
1. CENTER FOOTINGS BENEATH COLUMNS, U.N.O.						



DRAWING FOUNDATION PLAN - UNIT A

**PROJECT** WINFIELD ELEMENTARY SCHOOL 2023 ADDITIONS, RENOVATIONS, AND RELATED WORK



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

- 2. ALL CONTRACTORS ARE REQUIRED TO COORDINATE THEIR WORK WITH ALL DISCIPLINES TO AVOID CONFLICTS. THE MECHANICAL, ELECTRICAL, AND PLUMBING ASPECTS ARE NOT IN THE SCOPE OF THESE DRAWINGS. THEREFORE, ALL REQUIRED MATERIALS AND WORK MAY NOT BE INDICATED.
- 3. COORDINATE EXACT SIZE & LOCATION OF ALL MECHANICAL OPENINGS IN FOUNDATION WALLS WITH THE MECHANICAL, ELECTRICAL & PLUMBING CONTRACTORS.
- 4. ALL ELEVATIONS ARE REFERENCED FROM THE FIRST FLOOR FINISH FLOOR ELEVATION 5. +100'-0" REF. CIVIL DWGS. FOR EXACT U.S.G.S. ELEVATION.
- 6. REF. ARCH. DRAWINGS FOR ALL DIMENSIONS NOT SHOWN. CONTRACTOR SHALL VERIFY ALL DIMENSIONS PRIOR TO CONSTRUCTION AND IMMEDIATELY NOTIFY ARCHITECT/ENGINEER OF ANY DISCREPANCIES.  $\cdots$ . REF. S-401 FOR TYPICAL FOUNDATION DETAILS.
- B. NOTE: PERIMETER WALL AND COLUMN FOOTINGS SHALL BE LOWERED AND/OR SLEEVED TO PASS BELOW PLUMBING LINES (I.E. SANITARY & STORM SEWERS, WATER LINES, ETC.) SHOWN ON THE PLUMBING DRAWINGS. PROVIDE FOOTING STEPS AS REQUIRED PER THE  $\prec$ TYPICAL DETAILS ON S-401.
- 9. ALL SLAB RECESSES SHALL BE LOCATED PER THE ARCHITECTURAL DRAWINGS. COORDINATE DEPTHS OF ALL SLAB RECESSES WITH THE ARCHITECTURAL DRAWINGS AND/OR THE FLOORING SUPPLIER.
- 10. COORDINATE REINFORCING DOWELS FOR CMU VERTICAL REINFORCING WITH REINF. NOTED ON PLANS & SECTIONS.
- 11. GROUT ALL CORES OF CMU BELOW FINISH FLOOR SOLID. 12. COLUMN FOOTINGS, TRENCH FOOTINGS AND WALL FOOTINGS SHALL BEAR ON APPROVED SOIL. UNDERCUT AS REQ'D TO SUITABLE BEARING MATERIAL AS DETERMINED AND 12 ON S-401.
- 13. ALL EX. CONSTRUCTION SHOWN IN PLAN AND/OR SECTION WAS DERIVED FROM EXISTING DRAWINGS AND MUST BE FIELD VERIFIED. IF ANY DISCREPANCIES ARE DISCOVERED BETWEEN INFO. SHOWN ON THE DRAWINGS AND ACTUAL CONDITIONS IMMEDIATELY CONTACT ARCHITECT/ENGINEER FOR DIRECTION BEFORE PROCEEDING WITH THE WORK 14. PROVIDE THICKENED SLAB UNDER ALL NEW INTERIOR CMU WALLS WITHOUT FOOTINGS. SEE 6-S401 FOR THICKENED SLAB DETAIL. LAYOUT THICKENED SLABS FROM DIMENSIONS -ON THE ARCHITECT FLOOR PLANS. REFER TO DETAIL 17/S-401 FOR NEW WALLS ON EXISTING SLABS LESS THAN OR EQUAL TO 11'-4" TALL.
- DETAILS ON SHEET S401). ALL JOINTS IN SLABS TO RECEIVE THIN OR THICK-SET TERRAZZO, CERAMIC OR PORCELAIN TILE, VINYL-COMPOSITION TILE (VCT) OR VINYL SHEET GOODS, EPOXY OR SIMILAR THIN-FILM FINISH FLOORING SHALL BE CAREFULLY COORDINATED WITH THE FLOORING CONTRACTOR. THE CONTRACTOR SHALL SUBMIT SLAB JOINT LAYOUT TO ARCHITECT/ENGINEER FOR REVIEW PRIOR TO PLACING SLABS. 16. WHERE PIERS OCCUR WITHIN A LARGER ARCH. PILASTER OR COLUMN ENCLOSURE (FOR EG. P24's WITHIN 40" SQUARE CANOPY PILASTERS) PROVIDE PIER REINF. CAGE CENTERED ON THE GRID INTERSECTION. FORM OVERALL PIER TO PROFILE OF THE ARCHITECTURAL

PILASTER OR COLUMN ENCLOSURE. LAYOUT PILASTERS FROM DIMENSIONS ON THE

15. PROVIDE CONTROL/CONTRACTION JOINTS IN SLABS ON GRADE (REF. THE TYPICAL

# PLAN LEGEND:

ARCHITECTURAL PLANS & DETAILS.

- DENOTES FINISH FLOOR DENOTES TOP OF FTG., GRADE BEAM, SLAB, PIER, ETC. DENOTES BOTTOM OF FTG., GRADE BEAM, ETC. DENOTES SLAB ON GRADE CONTROL/CONTRACTION JOINT WF30 -20'-0" DENOTES WALL FOOTING MARK & TOP OF FOOTING ELEVATION (SEE WALL FOOTING SCHEDULE)
- DENOTES WALL FOOTING WITH STEPS, REF. TYP.  $\overline{\phantom{a}}$ DETAIL ON SXXX \_ \_ └\_ \_ \_ \_ \_ \_ \_ \_ \_ -2'-8" -4'-0" -5'-4"
- - DENOTES COLUMN FOOTING MARK & TOP OF FTG. ELEVATION (SEE FTG. SCHED.) DENOTES PIER MARK & TOP OF PIER DENOTES COLUMN ELEVATION (SEE PIER SCHED.) SIZE (REF. FRAMING

### PLANS FOR STUB COLUMN FOOTING COL'S NOT ON FDNS) DENOTES COLUMN BASE PLATE (SEE DETAILS ON SXXX)

# WALL FOOTING SCHEDULE

CONCRETE PIER

STEEL COLUMN

FTG.	FOOTIN	IG SIZE	FOOTING RE	EINFORCING	
MARK	WIDTH	DEPTH	LONGITUDINAL	TRANSVERSE	
WF24	2'-0"	1'-0"	(2) #5 x CONTINUOUS	#4 x 1'-6" @ 96" O.C	
WF30	2'-6"	1'-2"	(3) #5 x CONTINUOUS	#4 x 2'-0" @ 96" O.C	
CENTER FOOTINGS BENEATH WALLS, U.N.O.					

# TRENCH FOOTING SCHEDULE

	FTG.	FOOTING SIZE		FOOTING REINFORCING		
	MARK	WIDTH	DEPTH	LONGITUDINAL	TRANSVERSE	
	TF30	2'-6"	2'-4"	(4) #6 x CONTINUOUS	#3 x 2'-0" @ 96" O.C.	
	TF36	3'-0"	2'-4"	(5) #6 x CONTINUOUS	#4 x 2'-6" @ 96" O.C.	
1. CENTER FOOTINGS BENEATH WALLS, U.N.O.						

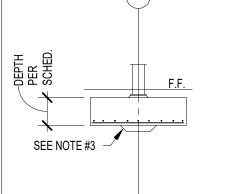
2. TRENCH FOOTINGS MAY BE CAST DIRECTLY AGAINST SOIL WITHOUT FORMING WHERE EXISTING SOIL CONDITIONS PERMIT. FORM TOP OF TRENCH FOOTINGS WHERE SOIL HAS SLOUGHED SIGNIFICANTLY, WHERE GRADE IS LOWER THAN THE INDICATED TOP OF FOOTING ELEVATION, OR WHEREVER TRENCH FOOTING WOULD INTERFERE WITH THE INSTALLATION OF DOWNSPOUTS, CONDUIT, BOLLARDS, ETC. COORDINATE WITH MECHANICAL, ELECTRICAL, PLUMBING & SITE/CIVIL DRAWINGS.

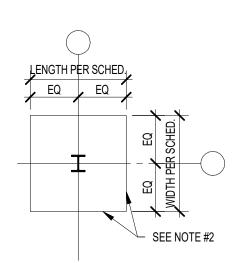
# **COLUMN FOOTING SCHEDULE**

OOTING	FOOTING SIZE		E	REINFORCING	
MARK	WIDTH >	LENGTH	x DEPTH	(EACH WAY)	
F4.0	4'-0"	4'-0"	1'-2"	(4) #5 x 3'-6"	
F5.0	5'-0"	5'-0"	1'-2"	(5) #5 x 4'-6"	
EC.					

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

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





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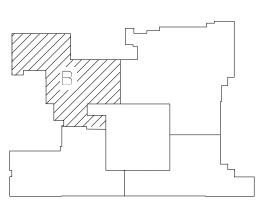
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PROJECT

WINFIELD **ELEMENTARY SCHOOL 2023** ADDITIONS, RENOVATIONS, **AND RELATED** WORK

**CROWN POINT COMMUNITY** SCHOOL CORPORATION CROWN POINT, INDIANA



FIRST FLOOR KEY PLAN

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

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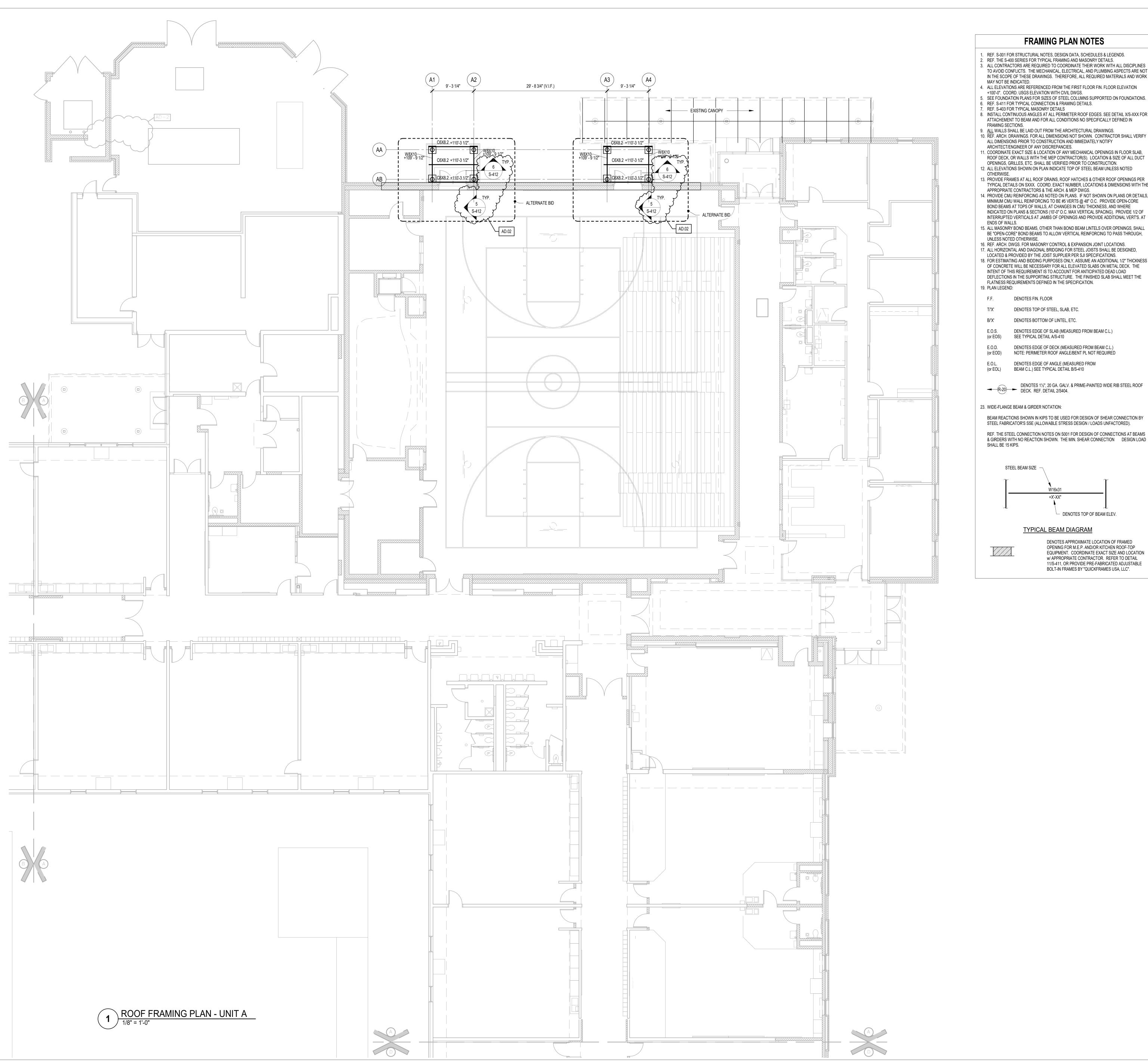
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AD.02	04/06/23	ADDENDUM 2

**DRAWING** FOUNDATION PLAN - UNIT B

**PROJECT** WINFIELD ELEMENTARY SCHOOL 2023 ADDITIONS, RENOVATIONS,

AND RELATED WORK



## FRAMING PLAN NOTES

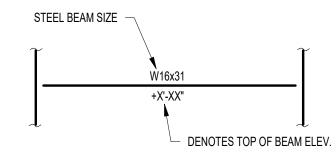
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- MAY NOT BE INDICATED. 4. ALL ELEVATIONS ARE REFERENCED FROM THE FIRST FLOOR FIN. FLOOR ELEVATION +100'-0". COORD. USGS ELEVATION WITH CIVIL DWGS.
- 5. SEE FOUNDATION PLANS FOR SIZES OF STEEL COLUMNS SUPPORTED ON FOUNDATIONS. 6. REF. S-411 FOR TYPICAL CONNECTION & FRAMING DETAILS. 7. REF. S-403 FOR TYPICAL MASONRY DETAILS 8. INSTALL CONTINUOUS ANGLES AT ALL PERIMETER ROOF EDGES. SEE DETAIL X/S-XXX FOR
- ATTACHEMENT TO BEAM AND FOR ALL CONDITIONS NO 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. 11. 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. 12. ALL ELEVATIONS SHOWN ON PLAN INDICATE TOP OF STEEL BEAM UNLESS NOTED
- TYPICAL DETAILS ON SXXX. COORD. EXACT NUMBER, LOCATIONS & DIMENSIONS WITH THE APPROPRIATE CONTRACTORS & THE ARCH. & MEP DWGS. 14. 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
- INDICATED ON PLANS & SECTIONS (10'-0" O.C. MAX VERTICAL SPACING). PROVIDE 1/2 OF INTERRUPTED VERTICALS AT JAMBS OF OPENINGS AND PROVIDE ADDITIONAL VERT'S. AT ENDS OF WALLS. 15. 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. 16. REF. ARCH. DWGS. FOR MASONRY CONTROL & EXPANSION JOINT LOCATIONS.
- 17. ALL HORIZONTAL AND DIAGONAL BRIDGING FOR STEEL JOISTS SHALL BE DESIGNED, LOCATED & PROVIDED BY THE JOIST SUPPLIER PER SJI SPECIFICATIONS. 18. 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. 19. PLAN LEGEND:
- F.F. DENOTES FIN. FLOOR
- DENOTES TOP OF STEEL, SLAB, ETC.
- DENOTES BOTTOM OF LINTEL, ETC. DENOTES EDGE OF SLAB (MEASURED FROM BEAM C.L.)
- SEE TYPICAL DETAIL A/S-410
- DENOTES EDGE OF DECK (MEASURED FROM BEAM C.L.) NOTE: PERIMETER ROOF ANGLE/BENT PL NOT REQUIRED
- BEAM C.L.) SEE TYPICAL DETAIL B/S-410

DENOTES EDGE OF ANGLE (MEASURED FROM

DENOTES 11/2", 20 GA. GALV. & PRIME-PAINTED WIDE RIB STEEL ROOF → (R-20) → DECK. REF. DETAIL 2/S404.

#### 23. WIDE-FLANGE BEAM & GIRDER NOTATION:

- BEAM REACTIONS SHOWN IN KIPS TO BE USED FOR DESIGN OF SHEAR CONNECTION BY STEEL FABRICATOR'S SSE (ALLOWABLE STRESS DESIGN / LOADS UNFACTORED).
- REF. THE STEEL CONNECTION NOTES ON S001 FOR DESIGN OF CONNECTIONS AT BEAMS & GIRDERS WITH NO REACTION SHOWN. THE MIN. SHEAR CONNECTION DESIGN LOAD SHALL BE 15 KIPS.



## TYPICAL BEAM DIAGRAM

DENOTES APPROXIMATE LOCATION OF FRAMED OPENING FOR M.E.P. AND/OR KITCHEN ROOF-TOP EQUIPMENT. COORDINATE EXACT SIZE AND LOCATION w/ APPROPRIATE CONTRACTOR. REFER TO DETAIL 11/S-411, OR PROVIDE PRE-FABRICATED ADJUSTABLE BOLT-IN FRAMES BY "QUICKFRAMES USA, LLC".



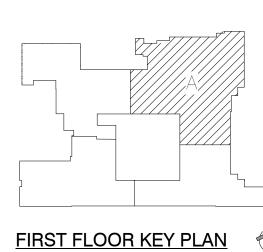
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PROJECT

WINFIELD **ELEMENTARY SCHOOL 2023** ADDITIONS, RENOVATIONS, AND RELATED WORK

CROWN POINT COMMUNITY SCHOOL CORPORATION CROWN POINT, INDIANA



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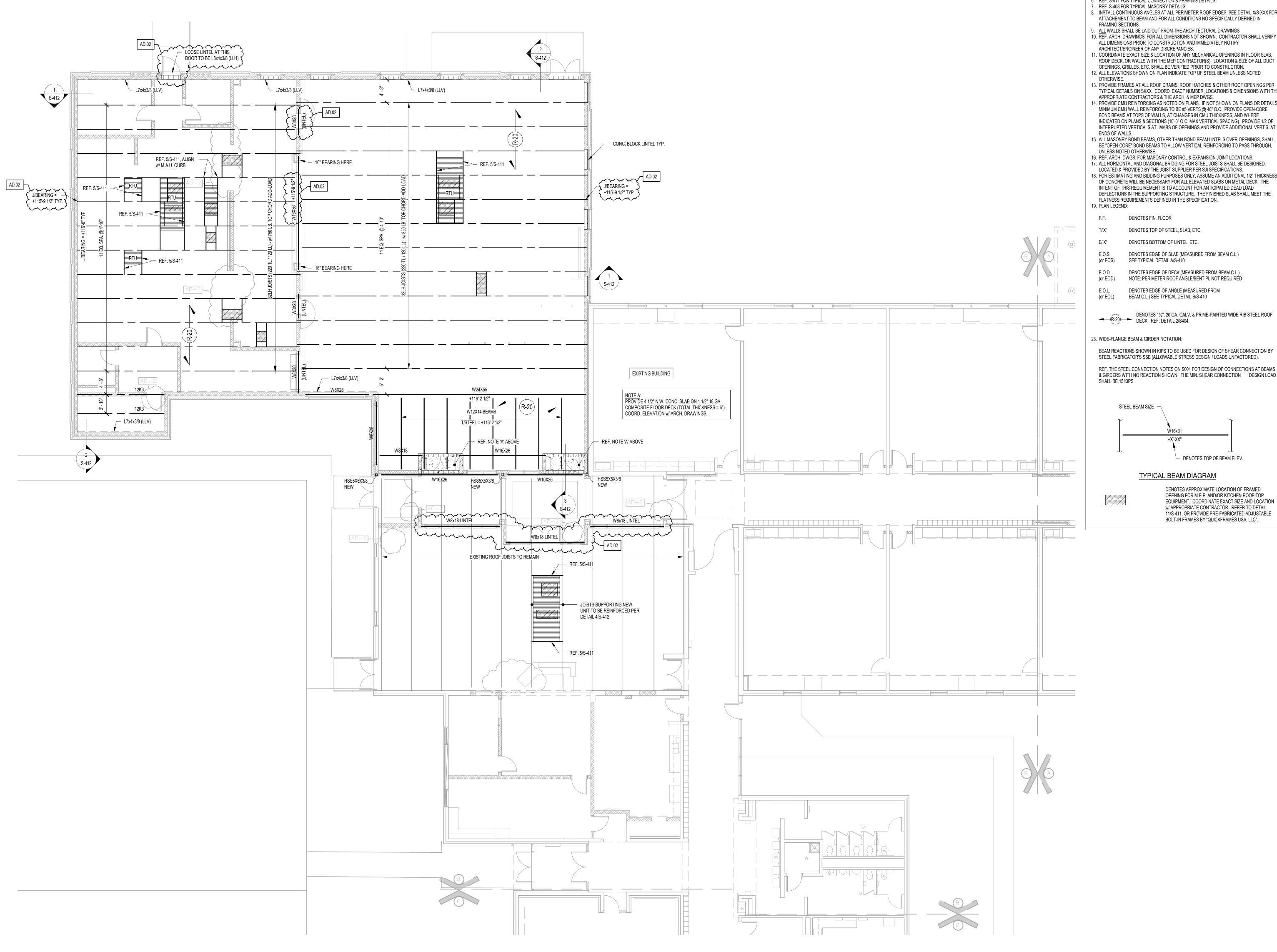
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**ROOF FRAMING PLAN - UNIT** 

**PROJECT** WINFIELD ELEMENTARY SCHOOL 2023 ADDITIONS, RENOVATIONS,

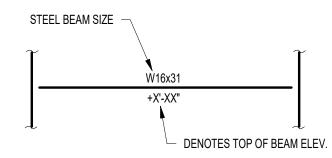
AND RELATED WORK



1 ROOF FRAMING PLAN - UNIT B

## FRAMING PLAN NOTES

- 1. REF. S-001 FOR STRUCTURAL NOTES, DESIGN DATA, SCHEDULES & LEGENDS. 2. REF. THE S-400 SERIES FOR TYPICAL FRAMING AND MASONRY DETAILS. 3. ALL CONTRACTORS ARE REQUIRED TO COORDINATE THEIR WORK WITH ALL DISCIPLINES TO AVOID CONFLICTS. THE MECHANICAL, ELECTRICAL, AND PLUMBING ASPECTS ARE NOT IN THE SCOPE OF THESE DRAWINGS. THEREFORE, ALL REQUIRED MATERIALS AND WORK
- MAY NOT BE INDICATED. 4. ALL ELEVATIONS ARE REFERENCED FROM THE FIRST FLOOR FIN. FLOOR ELEVATION +100'-0". COORD. USGS ELEVATION WITH CIVIL DWGS.
- 5. SEE FOUNDATION PLANS FOR SIZES OF STEEL COLUMNS SUPPORTED ON FOUNDATIONS. 6. REF. S-411 FOR TYPICAL CONNECTION & FRAMING DETAILS. 7. REF. S-403 FOR TYPICAL MASONRY DETAILS
- 8. INSTALL CONTINUOUS ANGLES AT ALL PERIMETER ROOF EDGES. SEE DETAIL X/S-XXX FOR ATTACHEMENT TO BEAM AND FOR ALL CONDITIONS NO SPECIFICALLY DEFINED IN FRAMING SECTIONS.
- 10. REF. ARCH. DRAWINGS. FOR ALL DIMENSIONS NOT SHOWN. CONTRACTOR SHALL VERIFY ALL DIMENSIONS PRIOR TO CONSTRUCTION AND IMMEDIATELY NOTIFY ARCHITECT/ENGINEER OF ANY DISCREPANCIES. 11. 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. 12. ALL ELEVATIONS SHOWN ON PLAN INDICATE TOP OF STEEL BEAM UNLESS NOTED 13. PROVIDE FRAMES AT ALL ROOF DRAINS, ROOF HATCHES & OTHER ROOF OPENINGS PER
- TYPICAL DETAILS ON SXXX. COORD. EXACT NUMBER, LOCATIONS & DIMENSIONS WITH THE APPROPRIATE CONTRACTORS & THE ARCH. & MEP DWGS. 14. 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
- 15. 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. 16. REF. ARCH. DWGS. FOR MASONRY CONTROL & EXPANSION JOINT LOCATIONS.
- LOCATED & PROVIDED BY THE JOIST SUPPLIER PER SJI SPECIFICATIONS. 18. 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. 19. PLAN LEGEND:
- F.F. DENOTES FIN. FLOOR
- DENOTES TOP OF STEEL, SLAB, ETC.
- DENOTES BOTTOM OF LINTEL, ETC.
- DENOTES EDGE OF SLAB (MEASURED FROM BEAM C.L.) SEE TYPICAL DETAIL A/S-410
- DENOTES EDGE OF DECK (MEASURED FROM BEAM C.L.) NOTE: PERIMETER ROOF ANGLE/BENT PL NOT REQUIRED
- DENOTES EDGE OF ANGLE (MEASURED FROM BEAM C.L.) SEE TYPICAL DETAIL B/S-410
- DENOTES 1½", 20 GA. GALV. & PRIME-PAINTED WIDE RIB STEEL ROOF DECK. REF. DETAIL 2/S404.
- 23. WIDE-FLANGE BEAM & GIRDER NOTATION:
- BEAM REACTIONS SHOWN IN KIPS TO BE USED FOR DESIGN OF SHEAR CONNECTION BY STEEL FABRICATOR'S SSE (ALLOWABLE STRESS DESIGN / LOADS UNFACTORED).
- REF. THE STEEL CONNECTION NOTES ON S001 FOR DESIGN OF CONNECTIONS AT BEAMS & GIRDERS WITH NO REACTION SHOWN. THE MIN. SHEAR CONNECTION DESIGN LOAD



## TYPICAL BEAM DIAGRAM

DENOTES APPROXIMATE LOCATION OF FRAMED OPENING FOR M.E.P. AND/OR KITCHEN ROOF-TOP EQUIPMENT. COORDINATE EXACT SIZE AND LOCATION w/ APPROPRIATE CONTRACTOR. REFER TO DETAIL 11/S-411, OR PROVIDE PRE-FABRICATED ADJUSTABLE BOLT-IN FRAMES BY "QUICKFRAMES USA, LLC".



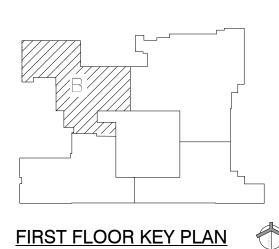
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PROJECT

WINFIELD **ELEMENTARY SCHOOL 2023** ADDITIONS, RENOVATIONS, **AND RELATED WORK** 

CROWN POINT COMMUNITY SCHOOL CORPORATION CROWN POINT, INDIANA



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

Email info@GibraltarDesign.com Phone 317.580.5777 Fax 317.580.5778 **PROJECT** 

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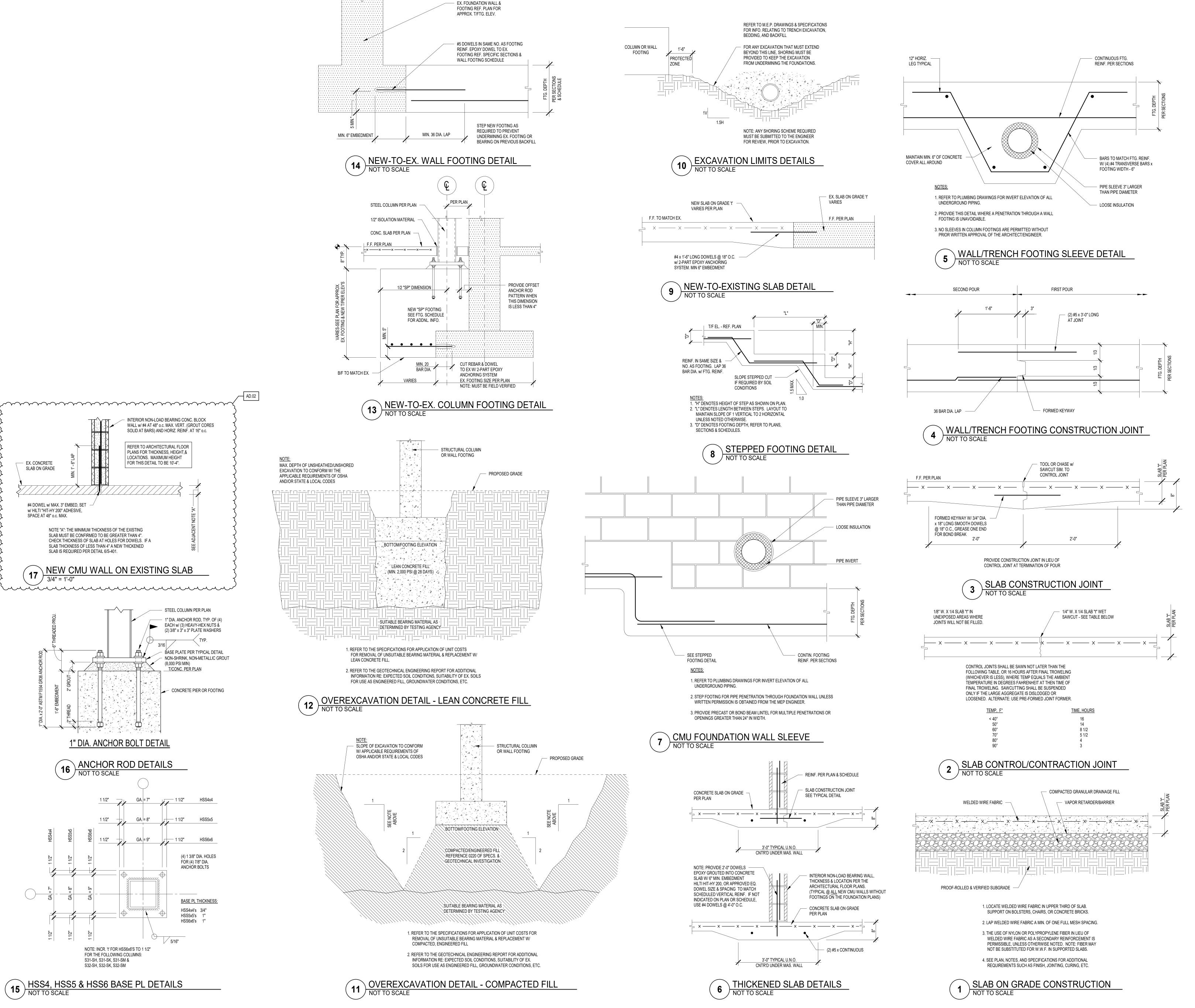
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**ROOF FRAMING PLAN - UNIT** 

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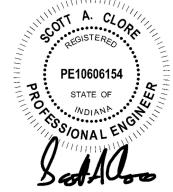
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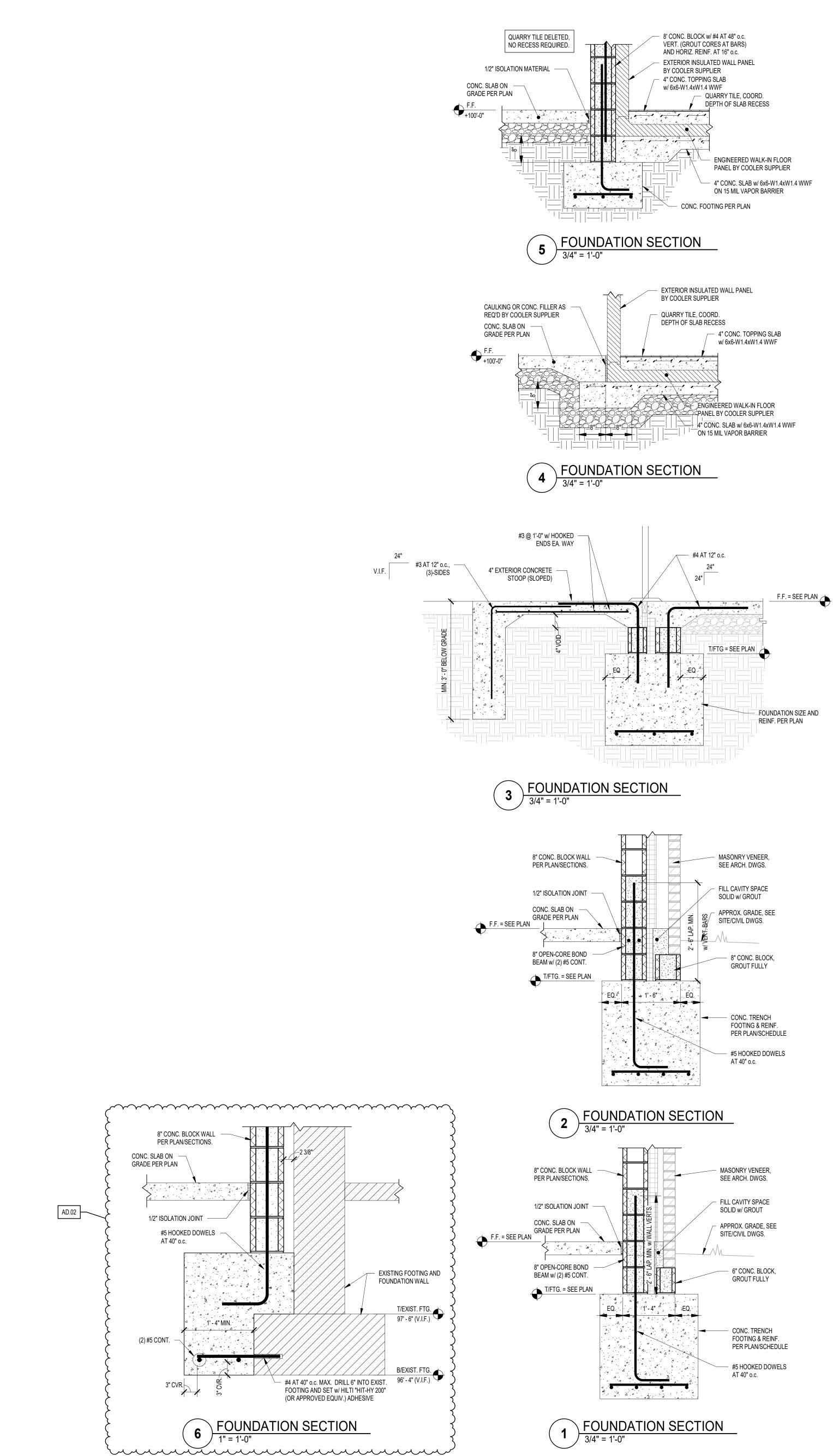
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DRAWING
TYPICAL FOUNDATION
DETAILS

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S-401





PROJECT

WINFIELD **ELEMENTARY SCHOOL 2023** ADDITIONS, RENOVATIONS, **AND RELATED** WORK

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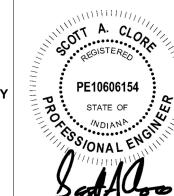
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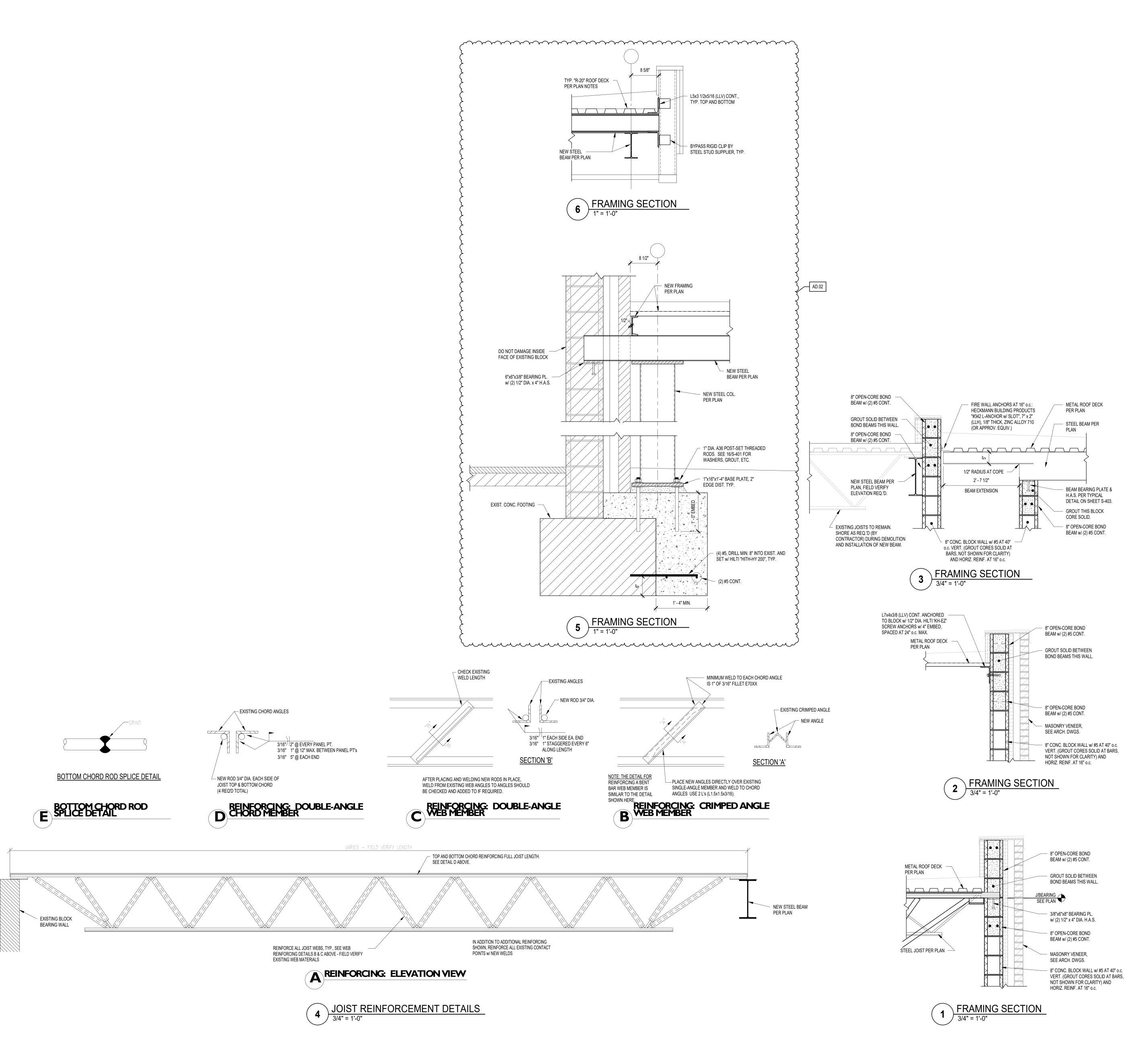
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SECTIONS

PROJECT WINFIELD ELEMENTARY SCHOOL 2023 ADDITIONS, RENOVATIONS, **AND RELATED WORK** 

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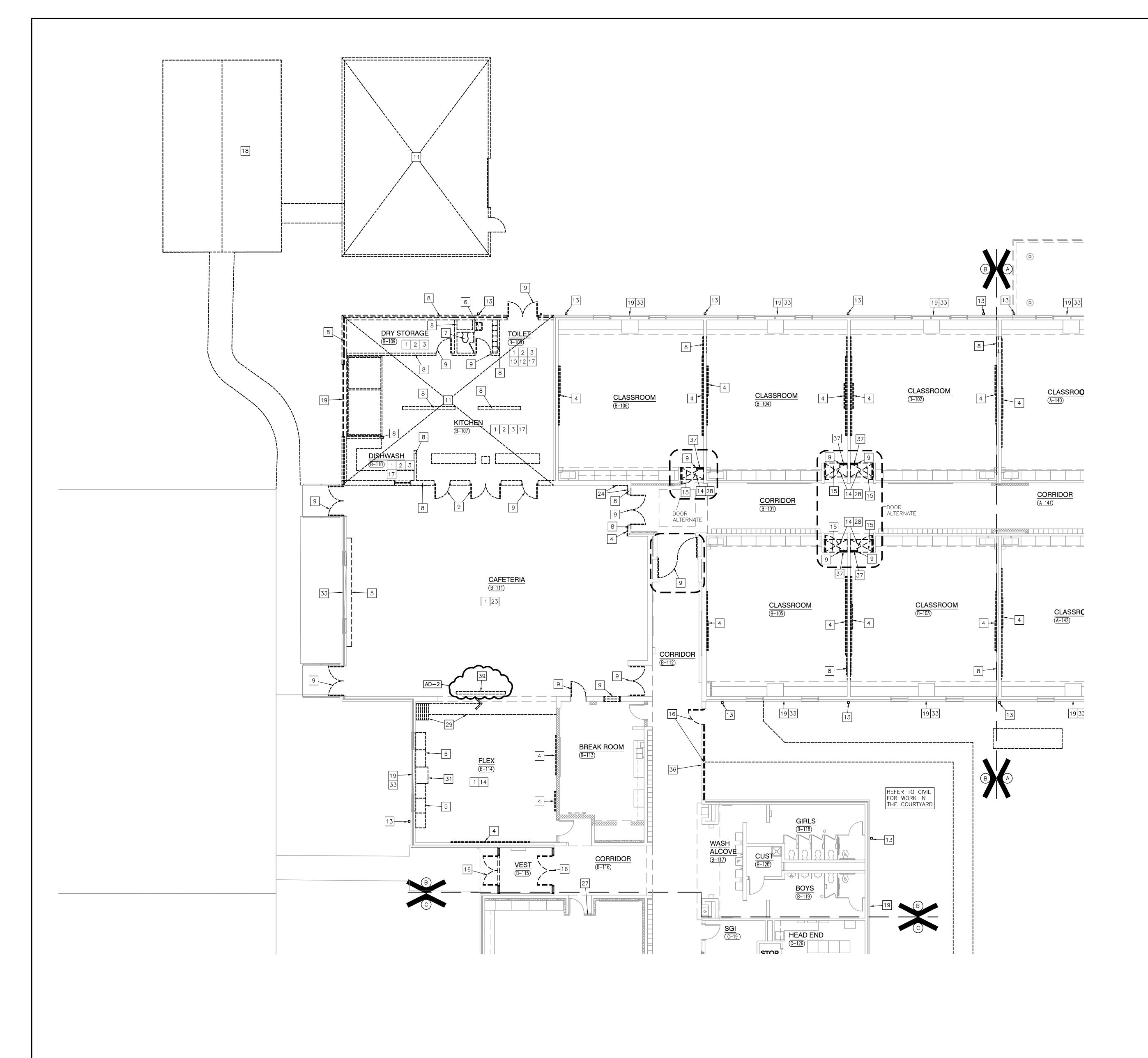
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DRAWING STRUCTURAL FRAMING SECTIONS

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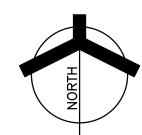
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UNIT "B" FIRST FLOOR DEMOLITION PLAN SCALE: 1/8" = 1'-0"

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**GENERAL DEMOLITION NOTES** 

- A. FOR GENERAL PROJECT NOTES, MATERIAL INDICATIONS LEGEND, SYMBOL LEGEND, ABBREVIATIONS, ETC., REFER TO GI SERIES SHEETS. B. UNLESS NOTED OTHERWISE ON THIS SHEET, THE GENERAL CONTRACTOR IS RESPONSIBLE FOR ALL DEMOLITION AND RÉMOVAL WORK INDICATED ON THIS
- 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
- E. EACH CONTRACTOR SHALL BE RESPONSIBLE FOR ALL DEMOLITION APPLICABLE O 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
- 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
- M. ON WALLS THAT ARE TO RECEIVE NEW FINISHES, REMOVE AND REINSTALL EXISTING EQUIPMENT TO REMAIN AS REQUIRED FOR INSTALLATION OF NEW

NEW FINISHES OR MATCH EXISTING FINISH.

- N. WHERE WALLS OR BULKHEADS ARE REMOVED, PATCH FLOORS, CEILINGS, ADJACENT WALLS AS REQUIRED TO MATCH EXISTING OR RECEIVE NEW FINISHES WHERE APPLICABLE. WHERE EXISTING DUCTWORK, PIPING, OR EQUIPMENT IS REMOVED, PATCH OPENINGS AND/OR SURFACES AS REQUIRED TO MATCH ADJACENT SURFACES OR RECEIVE NEW FINISHES WHERE APPLICABLE. REFER TO ALL DEMOLITION DRAWINGS FOR EXTENT OF ITEMS TO REMOVED.
- O. OVER CUT NEW OPENINGS IN EXISTING WALL AS REQUIRED FOR NEW CONSTRUCTION. PATCH AND REPAIR WALLS AS REQUIRED TO MATCH EXISTING. WHERE APPLICABLE, TOOTH NEW MASONRY INTO EXISTING
- P. ALL EQUIPMENT AND FURNITURE WHICH ARE CONSIDERED LOOSE FURNISHING SHALL BE REMOVED BY THE OWNER PRIOR TO DEMOLITION.
- Q. MASONRY WALLS TO BE REMOVED SHALL BE REMOVED TO A POINT 2" MINIMUM BELOW THE EXISTING FLOOR SLAB UNLESS SETTING ON A SLAB OR SPECIFICALLY NOTED OTHERWISE. PATCH WITH NEW CONCRETE TO BE FLUSH WITH THE EXISTING FLOOR SLAB.
- R. EACH CONTRACTOR SHALL BE RESPONSIBLE FOR GENERAL REVIEW OF DEMOLITION NOTES AND GENERAL DEMOLITION NOTES AS THEY APPLY TO THEIR SCOPE OF WORK.
- S. THE OWNER SHALL RESERVE THE RIGHT TO CLAIM ANY MATERIALS THAT ARE BEING DEMOLISHED PRIOR TO THE CONTRACTOR DISPOSING OF THEM OFF
- 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, DHESIVES, 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
- W. WHERE APPLICABLE SALVAGE EXISTING MASONRY (FACE BRICK, GLAZED CMU, FACING TILE) AS REQUIRED FOR PATCHING AND INFILL IN RENOVATED AREAS WHERE INDICATED. DISCARD UNUSED PORTION OFF SITE.

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

- 1 REMOVE ACOUSTICAL BOARD CEILING SYSTEM IN ITS ENTIRETY. REMOVE ALL WALL ACCESSORIES MADE OBSOLETE BY NEW CONSTRUCTION.
- 3 REMOVE QUARRY TILE FLOORING SYSTEM IN ITS ENTIRETY. 4 REMOVE TACK BOARD, MARKER BOARD IN THEIR ENTIRETY. PATCH WALL
- REQUIRED TO RECEIVE NEW FINISHES. 5 REMOVE CASEWORK IN ITS ENTIRETY. PATCH AND REPAIR WALL AND FLOOF AS REQUIRED TO ACCEPT NEW FINISHES.
- 6 REMOVE PLUMBING FIXTURE IN ITS ENTIRETY. CUT AND CAP LINE BELOW WALL OR FLOOR SURFACE. UNLESS OTHERWISE NOTED ON PLUMBING DRAWINGS.
- 7 REMOVE TOILET AND PARTITIONS IN THEIR ENTIRETY. 8 REMOVE MASONRY WALL (AS REQUIRED FOR NEW CONSTRUCTION.) PATCH AND REPAIR FLOOR AND WALL AS REQUIRED TO ACCEPT NEW FINISHES.
- 9 REMOVE HOLLOW METAL DOOR AND/OR FRAME AND HARDWARE IN ITS
- 10 REMOVE METAL LOCKERS. REMOVE CONCRETE BASE AS REQUIRED FOR — NEW CONSTRUCTION.
- 11 REMOVE ENTIRE BUILDING IN THIS AREA INCLUDING WALLS, STEEL FRAMING, CONCRETE SLAB ON GRADE, ROOFING, CONCRETE FOOTINGS, AND
- FOUNDATION WALLS AS REQUIRED FOR NEW CONSTRUCTION. 12 REMOVE TOILET ACCESSORIES AND TURN OVER TO THE OWNER.
- 13 REMOVE DOWNSPOUT AND BOOT IN THEIR ENTIRETY. 14 REMOVE CARPET FLOORING SYSTEM IN ITS ENTIRETY. PREPARE EXISTING
- CONCRETE SLAB AS REQUIRED FOR NEW FINISHES. REMOVE MASONRY WALL ABOVE DOOR. PATCH AND REPAIR WALL AS REQUIRED TO ACCEPT NEW FINISHES.
- 16 REMOVE ALUMINUM STOREFRONT FRAMING, DOORS, AND HARDWARE IN I
- 17 REMOVE EXISTING FLOOR DRAINS. REFER TO PLUMBING DRAWINGS. 18 REMOVE ENTIRE PAVILION IN THIS AREA INCLUDING WOOD FRAMING, CONCRETE SLAB ON GRADE, ROOFING, CONCRETE FOOTINGS, AND FOUNDATION WALLS AS REQUIRED FOR NEW CONSTRUCTION. PAVILION TO
- BE RELOCATED REFER TO NEW FLOOR PLANS FOR MORE INFORMATION. 19 REMOVE LOUVER IN ITS ENTIRETY, REFER TO ELEVATIONS. MOVE TACK BOARD, MARKER BOARD AS REQUIRED FOR NEW

NEW FINISHES.

- CONSTRUCTION. PATCH WALL AS REQUIRED TO RECEIVE NEW FINISHES. 21 REMOVE METAL STUD AND PLASTER/GYPSUM BOARD WALL IN ITS ENTIR PATCH AND REPAIR ADJACENT WALL AND FLOOR AS REQUIRED TO ACCE
- 22 REMOVE HOLLOW METAL DOOR, FRAME AND HARDWARE IN ITS ENTIRETY. SALVAGE FOR REUSE REFER TO NEW FLOOR PLANS AND DOOR SCHEDU FOR LOCATIONS. REMOVE SIDELIGHT GLAZING AND PREPARE FRAME FOR NEW SCHOOL GUARD GLASS.
- 23 REMOVE VINYL TILE FLOORING SYSTEM IN ITS ENTIRETY. PREPARE EXISTI CONCRETE SLAB AS REQUIRED FOR NEW FINISHES.
- 24 REMOVE FRP PANELS IN THEIR ENTIRETY. PATCH AND REPAIR WALL AS REQUIRED FOR NEW FINISHES.
- 25 REMOVE EXISTING WIRE MESH FENCE AND GATES IN ITS ENTIRETY. 26 REMOVE EXISTING BOLLARD IN ITS ENTIRETY.
- GUARD GLASS. 28 REMOVE GYPSUM BOARD BULKHEAD AS REQUIRED FOR NEW CONSTRUCT 29 REMOVE EXISTING MOVABLE PARTITION IN ITS ENTIRETY. INCUDING
- STRUCTURE AND BULKHEAD. 30 PROTECT EXISTING CASEWORK AND/OR LOCKERS DURING DEMOLITION AND NEW CONSTRUCTION.

REMOVE EXISTING SIDELIGHT GLAZING AND PREPARE FOR NEW SCHOOL

- 31 REMOVE EXISTING MECHANICAL UNIT. PATCH AND REPAIR WALLS AND FLOOR AS REQUIRED TO RECEIVE NEW FINISHES, REFER TO MECHANICAL
- 32 SALVAGE MEDIA CENTER SHELVING, MILLWORK, TVS, AND DISPLAY BOARDS FOR REUSE IN NEW MEDIA CENTER, REFER TO EQUIPMENT
- 33 REMOVE 2" INSULATED METAL PANELS AND PREPARE OPENING FOR NEW 2" INSULATED METAL PANELS.
- 34 SALVAGE EXISTING PAPER TOWEL DISPENSER, REFER TO EQUIPMENT PLAN AND CASEWORK ELEVATIONS FOR NEW LOCATION.
- 35 SALVAGE EXISTING SOAP DISPENSER, REFER TO EQUIPMENT PLAN AND CASEWORK ELEVATIONS, FOR NEW LOCATION. 36 DEMO EXISTING SILL AND PREPARE WALL FOR NEW SOLID SURFACE SILI
- 37 IF ALTERNATE IS NOT TAKEN REMOVE EXISTING SIDELIGHT GLAZING AND PREPARE FOR NEW SCHOOL GUARD GLASS. 38 SALVAGE EXISTING SINK BASE AND SINK. PATCH AND REPAIR WALL AND

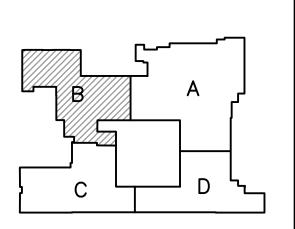
FLOOR AS REQUIRED TO ACCEPT NEW FINISHES, REFER TO PLUMBING PLANS, EQUIPMENT PLANS, AND CASEWORK FLEVATIONS. 39 SALVAGE EXISTING PROJECTOR SCREEN, REFER TO EQUIPMENT ANI



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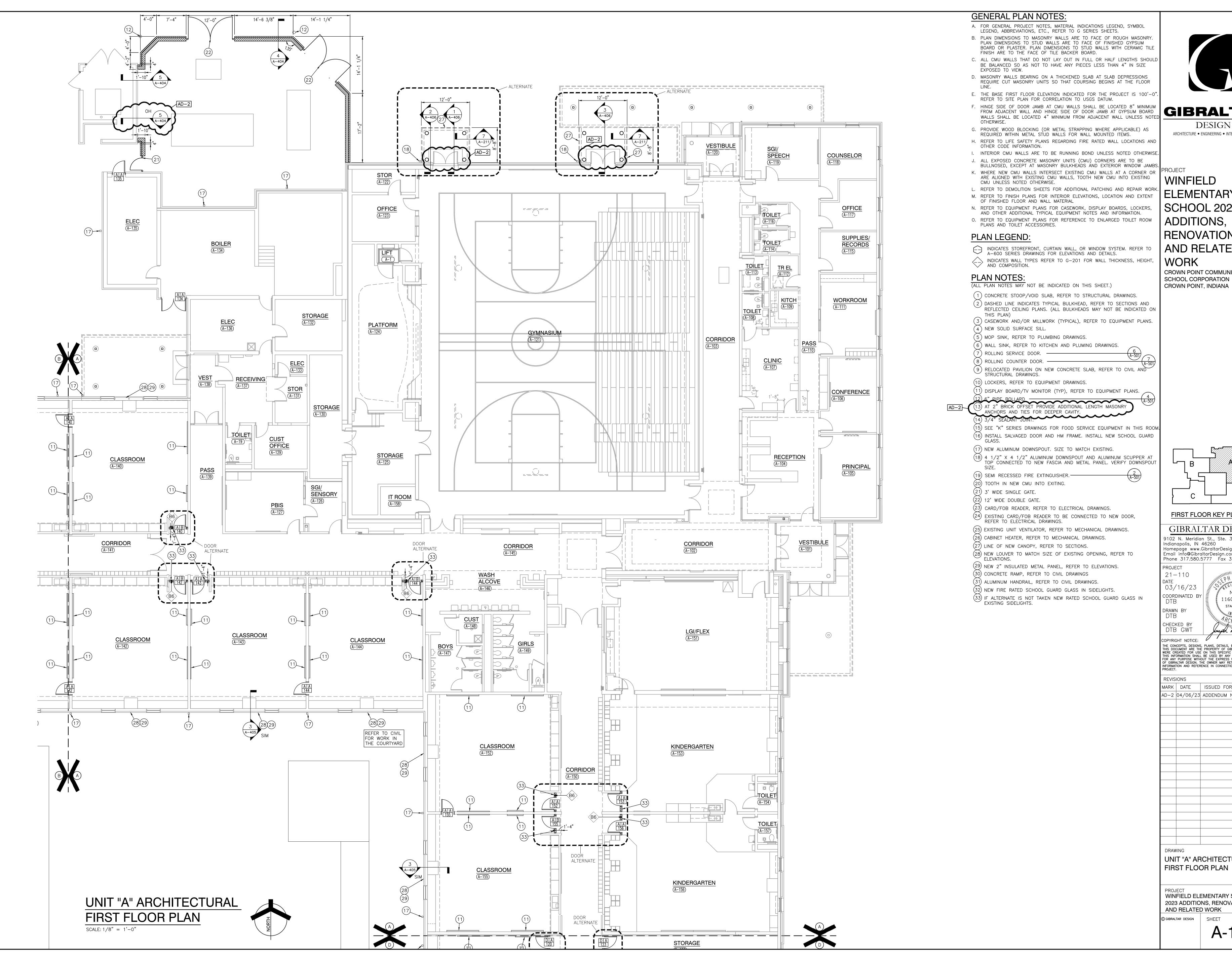
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UNIT "B" FIRST FLOOR DEMOLITION PLAN

WINFIELD ELEMENTARY SCHOOL 2023 ADDITIONS, RENOVATIONS, AND RELATED WORK

GIBRALTAR DESIGN SHEET AD102



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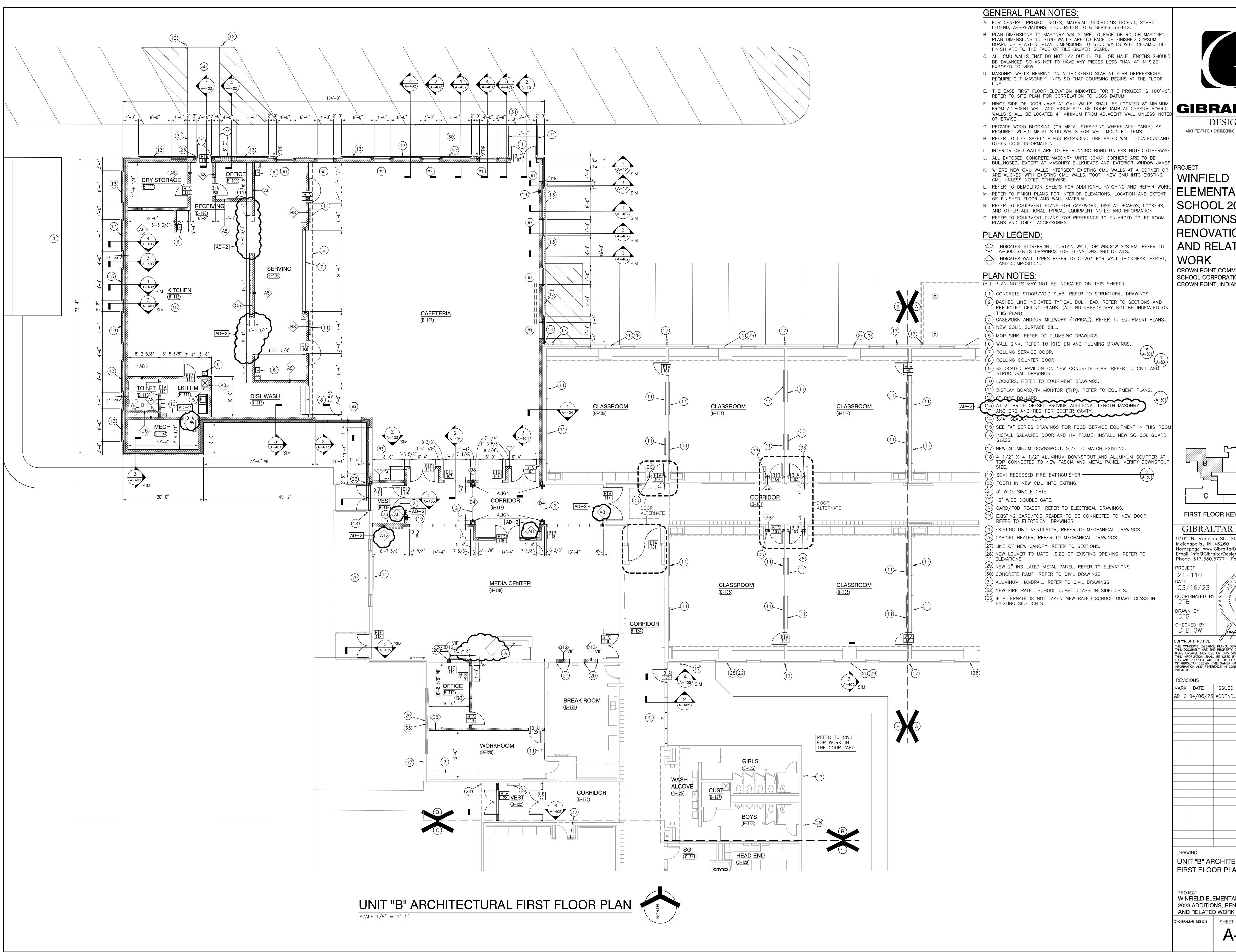
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UNIT "A" ARCHITECTURAL FIRST FLOOR PLAN

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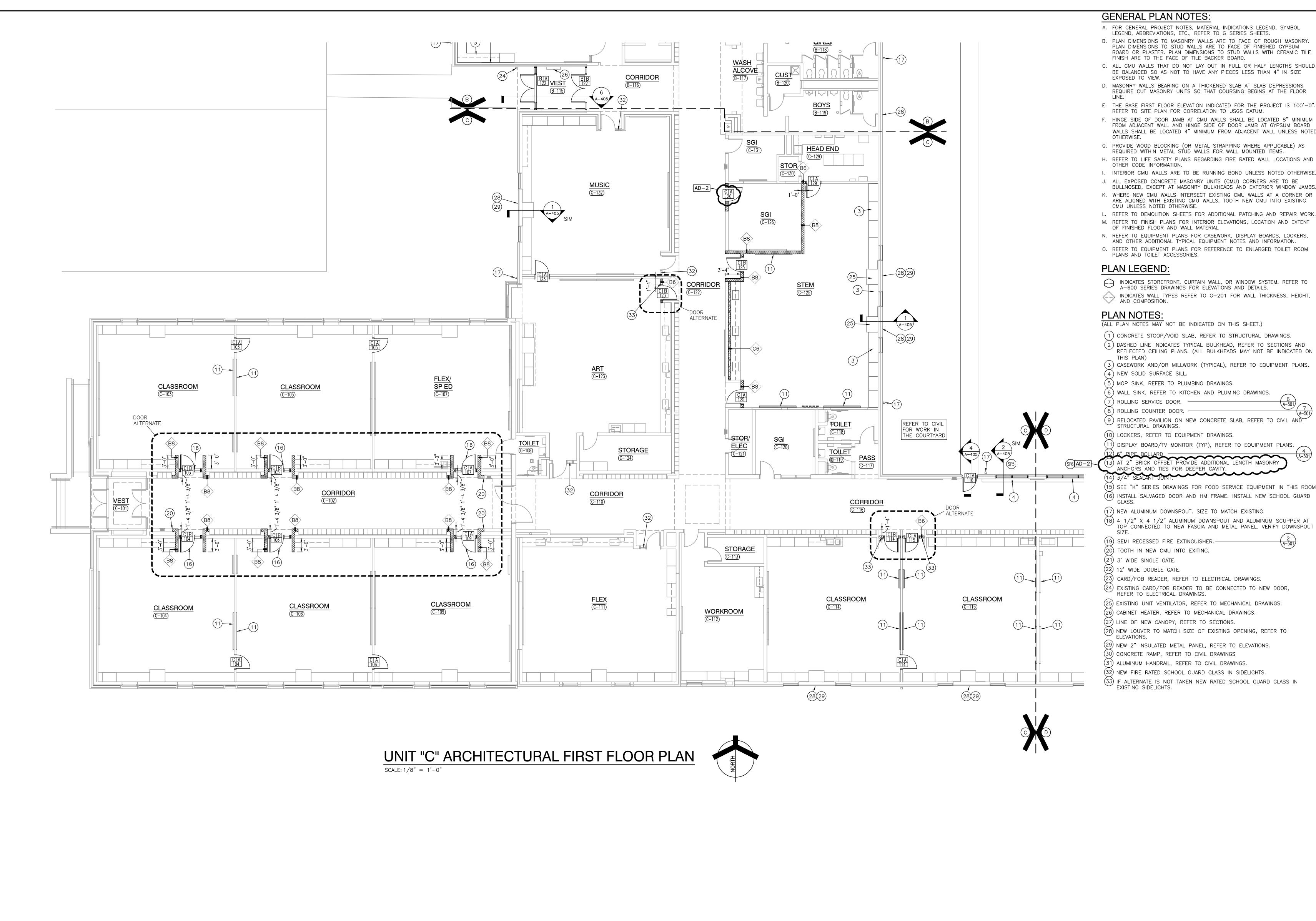
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UNIT "B" ARCHITECTURAL FIRST FLOOR PLAN

WINFIELD ELEMENTARY SCHOOL 2023 ADDITIONS, RENOVATIONS, AND RELATED WORK

A-102



- A. FOR GENERAL PROJECT NOTES, MATERIAL INDICATIONS LEGEND, SYMBOL LEGEND, ABBREVIATIONS, ETC., REFER TO G SERIES SHEETS.
  - B. PLAN DIMENSIONS TO MASONRY WALLS ARE TO FACE OF ROUGH MASONRY. PLAN DIMENSIONS TO STUD WALLS ARE TO FACE OF FINISHED GYPSUM BOARD OR PLASTER. PLAN DIMENSIONS TO STUD WALLS WITH CERAMIC TILE
  - 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
  - D. MASONRY WALLS BEARING ON A THICKENED SLAB AT SLAB DEPRESSIONS REQUIRE CUT MASONRY UNITS SO THAT COURSING BEGINS AT THE FLOOR

  - F. HINGE SIDE OF DOOR JAMB AT CMU WALLS SHALL BE LOCATED 8" MINIMUM FROM ADJACENT WALL AND HINGE SIDE OF DOOR JAMB AT GYPSUM BOARD WALLS SHALL BE LOCATED 4" MINIMUM FROM ADJACENT WALL UNLESS NOTE
  - G. PROVIDE WOOD BLOCKING (OR METAL STRAPPING WHERE APPLICABLE) AS
  - H. REFER TO LIFE SAFETY PLANS REGARDING FIRE RATED WALL LOCATIONS AND I. INTERIOR CMU WALLS ARE TO BE RUNNING BOND UNLESS NOTED OTHERWISE
  - J. ALL EXPOSED CONCRETE MASONRY UNITS (CMU) CORNERS ARE TO BE BULLNOSED, EXCEPT AT MASONRY BULKHEADS AND EXTERIOR WINDOW JAMBS K. WHERE NEW CMU WALLS INTERSECT EXISTING CMU WALLS AT A CORNER OR ARE ALIGNED WITH EXISTING CMU WALLS, TOOTH NEW CMU INTO EXISTING
  - L. REFER TO DEMOLITION SHEETS FOR ADDITIONAL PATCHING AND REPAIR WORK M. REFER TO FINISH PLANS FOR INTERIOR ELEVATIONS, LOCATION AND EXTENT
  - N. REFER TO EQUIPMENT PLANS FOR CASEWORK, DISPLAY BOARDS, LOCKERS, AND OTHER ADDITIONAL TYPICAL EQUIPMENT NOTES AND INFORMATION.

INDICATES STOREFRONT, CURTAIN WALL, OR WINDOW SYSTEM. REFER 1 A-600 SERIES DRAWINGS FOR ELEVATIONS AND DETAILS. INDICATES WALL TYPES REFER TO G-201 FOR WALL THICKNESS, HEIGHT, AND COMPOSITION.

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

- (1) CONCRETE STOOP/VOID SLAB, REFER TO STRUCTURAL DRAWINGS. (2) DASHED LINE INDICATES TYPICAL BULKHEAD, REFER TO SECTIONS AND REFLECTED CEILING PLANS. (ALL BULKHEADS MAY NOT BE INDICATED ON
- (3) CASEWORK AND/OR MILLWORK (TYPICAL), REFER TO EQUIPMENT PLANS.
- 5) MOP SINK, REFER TO PLUMBING DRAWINGS.
- 6) WALL SINK, REFER TO KITCHEN AND PLUMING DRAWINGS.
- (10) LOCKERS, REFER TO EQUIPMENT DRAWINGS.
- (11) display board/tv monitor (typ), refer to equipment plans.

## 12) 6" PIPE BOLLARD 13) AT 2" BRICK OFFSET PROVIDE ADDITIONAL LENGTH MASONRY ANCHORS AND TIES FOR DEEPER CAVITY. (14) 3/4" SEALANT JOINT.

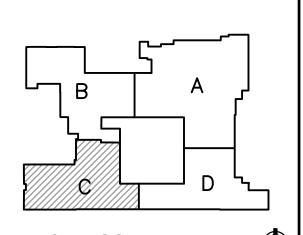
- 15) SEE "K" SERIES DRAWINGS FOR FOOD SERVICE EQUIPMENT IN THIS ROOM (16) INSTALL SALVAGED DOOR AND HM FRAME. INSTALL NEW SCHOOL GUARD
- (17) NEW ALUMINUM DOWNSPOUT. SIZE TO MATCH EXISTING.
- (18) 4 1/2" X 4 1/2" ALUMINUM DOWNSPOUT AND ALUMINUM SCUPPER AT TOP CONNECTED TO NEW FASCIA AND METAL PANEL. VERIFY DOWNSPOUT
- (20) TOOTH IN NEW CMU INTO EXITING.
- (24) EXISTING CARD/FOB READER TO BE CONNECTED TO NEW DOOR, REFER TO ELECTRICAL DRAWINGS.
- (25) EXISTING UNIT VENTILATOR, REFER TO MECHANICAL DRAWINGS. (26) CABINET HEATER, REFER TO MECHANICAL DRAWINGS. (27) LINE OF NEW CANOPY, REFER TO SECTIONS.
- (28) NEW LOUVER TO MATCH SIZE OF EXISTING OPENING, REFER TO
- (29) NEW 2" INSULATED METAL PANEL, REFER TO ELEVATIONS. (30) CONCRETE RAMP, REFER TO CIVIL DRAWINGS
- (31) ALUMINUM HANDRAIL, REFER TO CIVIL DRAWINGS.
- 32) NEW FIRE RATED SCHOOL GUARD GLASS IN SIDELIGHTS. 33) IF ALTERNATE IS NOT TAKEN NEW RATED SCHOOL GUARD GLASS IN

GIBRALTAR

DESIGN ARCHITECTURE • ENGINEERING • INTERIOR DESIGN

**ELEMENTARY** ADDITIONS, RENOVATIONS, AND RELATED

**CROWN POINT COMMUNITY** SCHOOL CORPORATION CROWN POINT, INDIANA



FIRST FLOOR 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 21-110

03/16/23 COORDINATED B' 11600109

DRAWN BY DTB CHECKED BY DTB GWT

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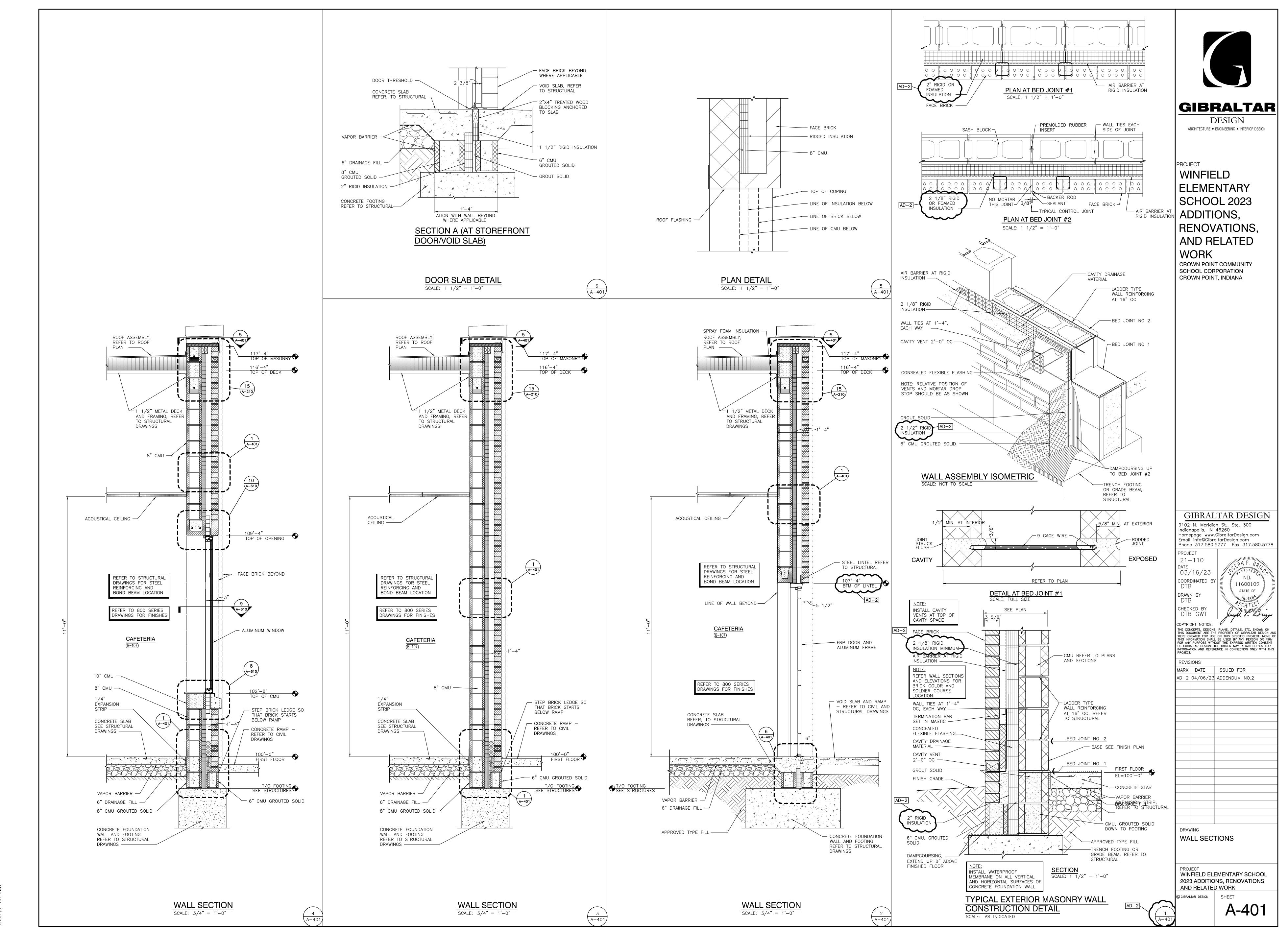
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AD-2 | 04/06/23 | ADDENDUM NO.2

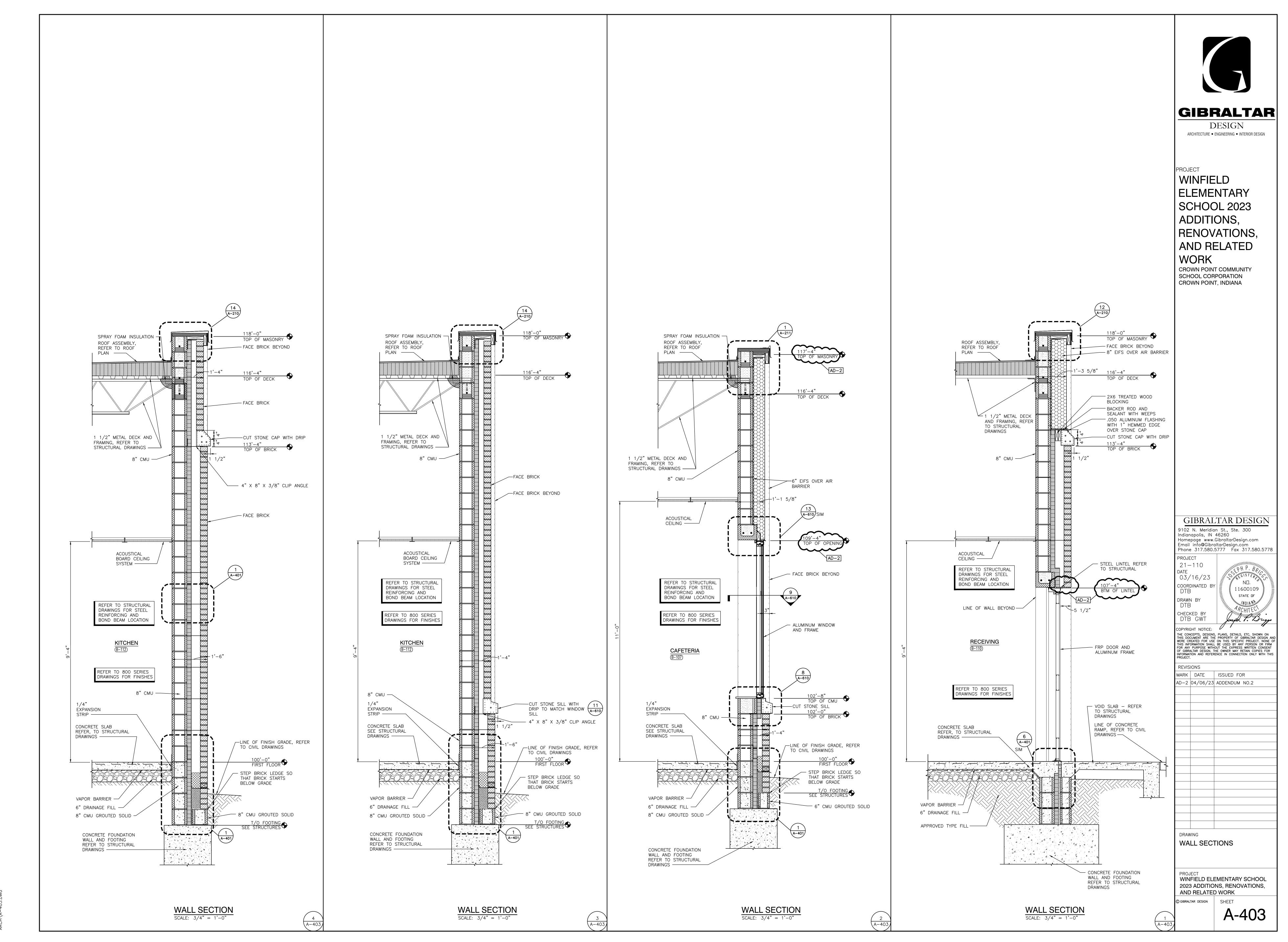
UNIT "C" ARCHITECTURAL FIRST FLOOR PLAN

WINFIELD ELEMENTARY SCHOOL 2023 ADDITIONS, RENOVATIONS, AND RELATED WORK

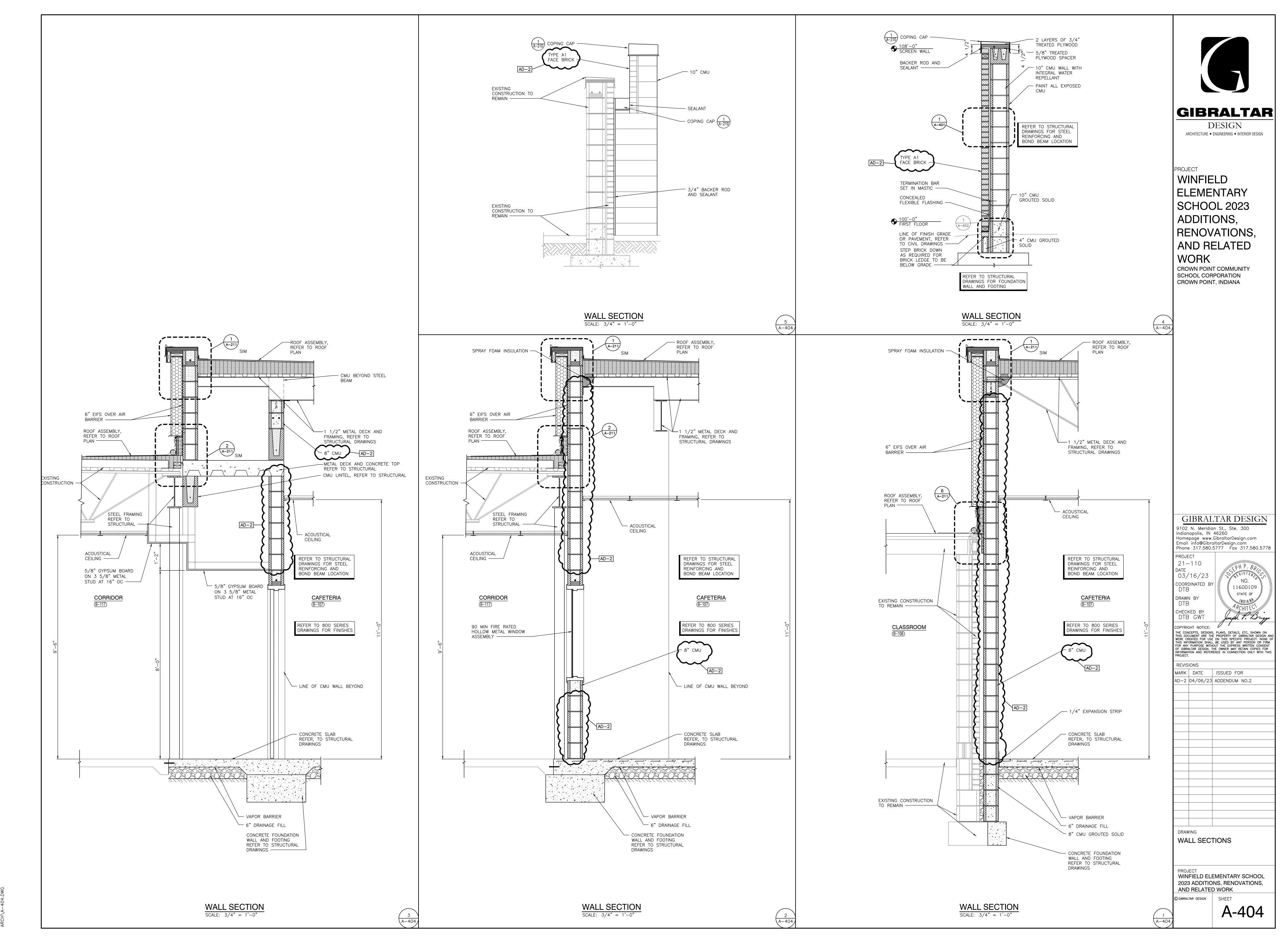
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Friday, 4/7/2023 — 12:34 PM — LAST SAVED BY:DBUR Y:\21—110 CROWN POINT CSC — WINFIELD ES 2023 ADDITIONS AND RENOVATIONS\21—110 DRAWINGS\05 ARCH\A—401.DWG

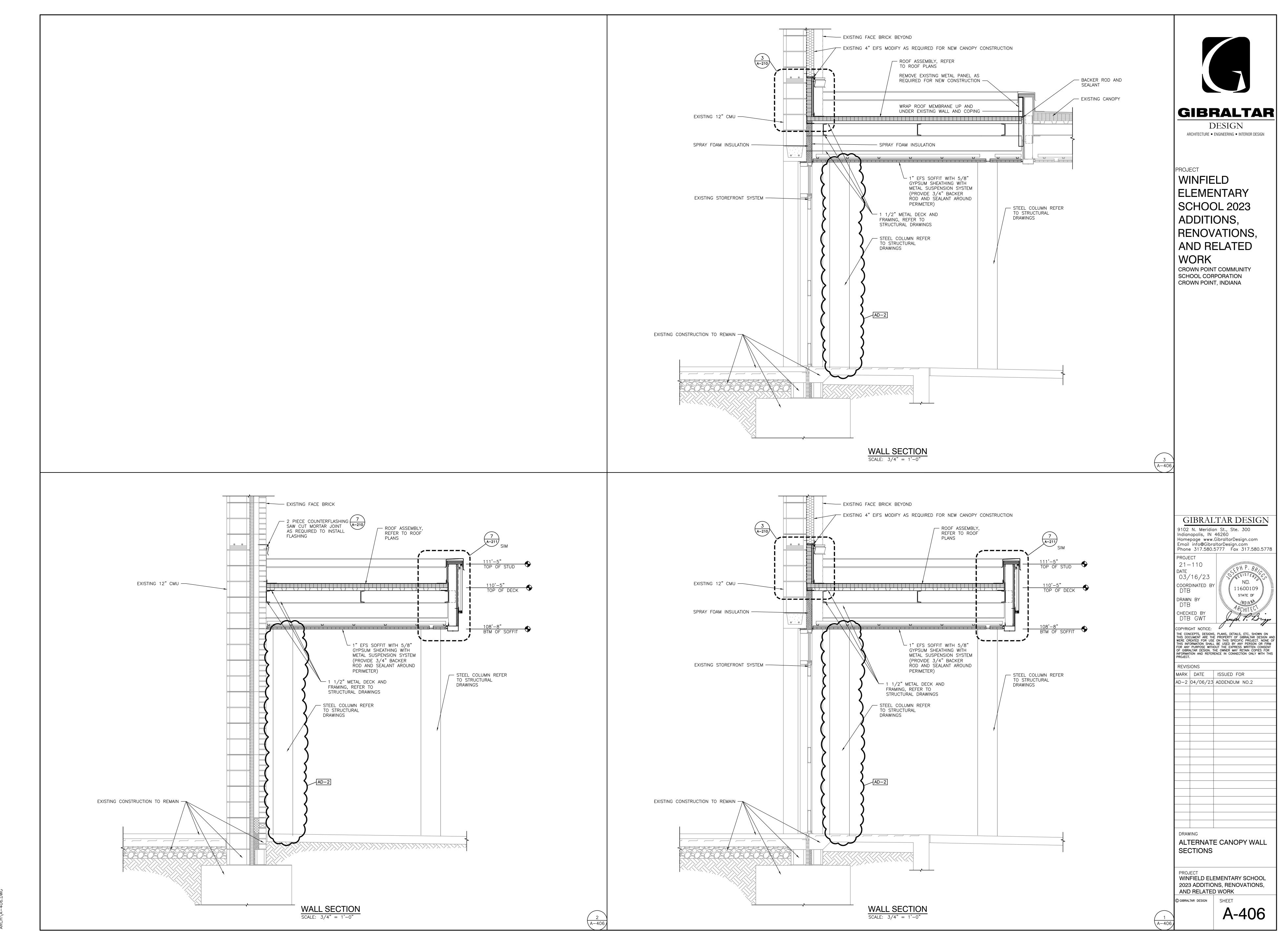


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Wednesday, 4/5/2023 — 9:46 AM — LAST SAV Y:\21—110 CROWN POINT CSC — WINFIELD ES ADDITIONS AND RENOVATIONS\21—110 DRAWING\$ ARCH\A—404.DWG

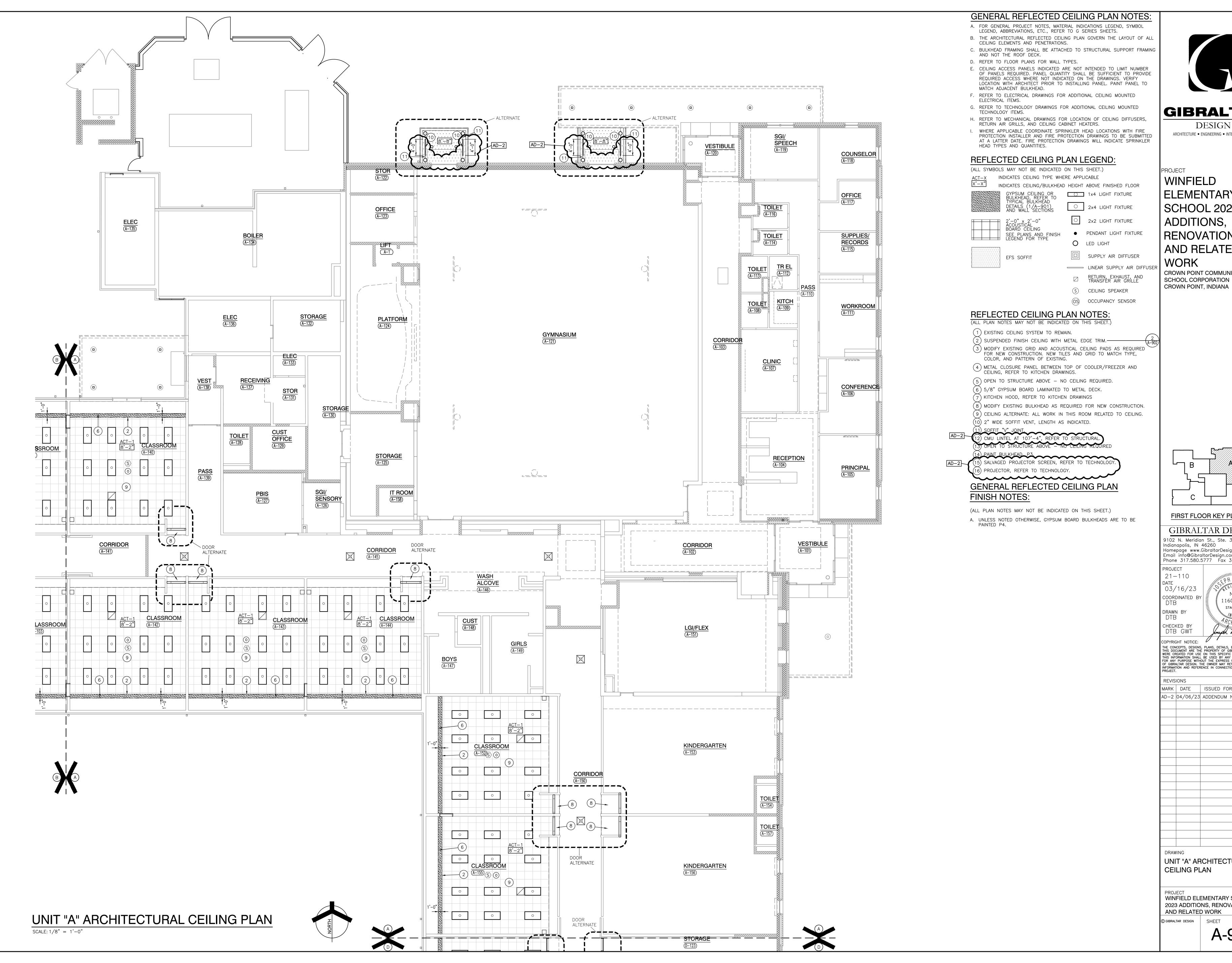
Wednesday, 4/5/2023 — 9:46 AM — LAST SAVED BY:DBURNS Y:\21—110 CROWN POINT CSC — WINFIELD ES 2023 ADDITIONS AND RENOVATIONS\21—110 DRAWINGS\05 ARCH\A—405.DWG



Friday, 4/7/2023 — 12:30 PM — LAST SAVED BY:DBURNS Y:\21—110 CROWN POINT CSC — WINFIELD ES 2023 ADDITIONS AND RENOVATIONS\21—110 DRAWINGS\05

	DOOR AND FRAME SCHEDULE	GLASS SCHEDULE  MK GLASS TYPES	VERIFY HEIGHT OF PANIC DEVICE  w/ MFR. MID-RAIL CENTER LINE TO MATCH	LOUVER SCHEDULE  MK LOUVER SIZE	]
NO DESCRIPTION TYPE DOOR SIZE (WxH) MATERIAL LOU DOOR SIDE TRA MAT'L WIDTH JAMB HEAD SILL ELEV DEVICE NOTES DOOR SIZE (WxH) (INCHES)  SIZE OF TRAME  LOU DOOR SIZE (WxH) MATERIAL LOU DOOR SIDE TRA MAT'L WIDTH JAMB HEAD SILL ELEV DEVICE OF THE DEVICE OF THE DOOR SIZE (WxH) DEVICE OF THE DOOR SIZE (WxH) (INCHES)	HARDWARE NOTES OF TRAME AND THE PROPERTY OF TH	A 1/4" CLEAR TEMPERED  B 1' INSUL. GLASS			
A-140B SINGLE 2 36 x 86 WD D HM 6 3/4" J1 H1 HM1 20 YES 8 D-115A SINGLE 1 36 x 86	WD HM 6 3/4" J1 H1 HM1 10	C SCHOOL GUARD GLASS D 1/4" FIRE RATED E FIRE RATED SCHOOL GUARD			
A-142B SINGLE 2 36 x 86 WD D HM 6 3/4" J1 H1 HM1 20 YES 8 D-117A SINGLE 1 36 x 86	WD HM 8 3/4" J1 H1 HM1 10	GLASS			
A-143A SINGLE 2 36 x 86 WD D HM 6 3/4" J1 H1 HM1 20 YES 8 D-117AA SINGLE 1 36 x 84	WD HM 6 3/4" J1 H1 HM1				
A-144B SINGLE 2 36 x 86 WD D HM 6 3/4" J1 H1 HM1 20 YES 8			OOR AND FRAME SCHEDULE		]
A-152A SINGLE 2 36 x 86 WD D HM 6 3/4" J1 H1 HM1 20 YES 8  A-153A SINGLE 2 36 x 86 WD D HM 6 3/4" J1 H1 HM1 20 YES 8		DOOR  NO DESCRIPTION TYPE DOOR SIZE (WxH)	GLASS FRAME	ABEL HARDWARE NOTES  EXIT CLOSER	GIBRALTAR
A-153A SINGLE 2 36 x 86 WD D HM 6 3/4" J1 H1 HM1 20 YES 8  A-155B SINGLE 2 36 x 86 WD D HM 6 3/4" J1 H1 HM1 20 YES 8		(INCHES)  A-134A DOUBLE 1 PR 36 x 86	FRP   AL 4 1/2"   SEE   SEE   SF2	DEVICE YES 4,5,7	DESIGN  ARCHITECTURE • ENGINEERING • INTERIOR DESIGN
A-156A SINGLE 2 36 x 86 WD D HM 6 3/4" J1 H1 HM1 20 YES 8		A-135A SINGLE 1 36 x 86	FRP AL 4 1/2" SEE SEE SF1	YES 4,7	1
B-101A DOUBLE 4 PR 48 x 86 HM D HM 8 3/4" J3 H3 HM2 90 YES YES 8		A-140A SINGLE 1 36 x 86	WD HM 1'-1" J1 H1 HM1	10	PROJECT
B-102A SINGLE 2 36 x 86 WD D HM 6 3/4" J1 H1 HM1 20 YES 8		A-142A SINGLE 1 36 x 86	WD HM 1'-1" J1 H1 HM1	10	WINFIELD
B-102A SINGLE 2 36 x 86 WD D HM 6 3/4" J1 H1 20 YES 8  B-103B SINGLE 2 36 x 86 WD D HM 6 3/4" J1 H1 HM1 20 YES 8		A-144A SINGLE 1 36 x 86	WD HM 8 3/4" J1 H1 HM1	10	ELEMENTARY
B-104B SINGLE 2 36 x 86 WD D HM 6 3/4" J1 H1 HM1 20 YES 8		A-155A SINGLE 1 36 x 86	WD HM 8 3/4" J1 H1 HM1	10	SCHOOL 2023 ADDITIONS,
B-105A SINGLE 2 36 x 86 WD D HM 6 3/4" J1 H1 HM1 20 YES 8		B-103A SINGLE 1 36 x 86	WD HM 8 3/4" J1 H1 HM1	10	RENOVATIONS,
B-106A SINGLE 2 36 x 86 WD D HM 6 3/4" J1 H1 HM1 20 YES 8		B-104A SINGLE 1 36 x 86	WD HM 8 3/4" J1 H1 HM1	10	AND RELATED
C-103B SINGLE 36 x 86 EXIST EXIST 8 3/4" HM3 20 YES 8,9		B-107A DOUBLE 4 PR 36 x 86	<del>                                     </del>	90 YES YES 8	WORK CROWN POINT COMMUNITY
C-104B SINGLE 36 x 86 EXIST EXIST 8 3/4" HM3 20 YES 8,9		B-107B BORROWED LIGHT	HM 8 3/4" SEE SEE SEE HM4 ELEV ELEV ELEV	90 12	SCHOOL CORPORATION CROWN POINT, INDIANA
C-105B SINGLE 36 x 86 EXIST EXIST 8 3/4" HM3 20 YES 8,9		B-107C BORROWED LIGHT	E HM 8 3/4" SEE SEE SEE HM4 ELEV ELEV	90 12	
C-106B SINGLE 36 x 86 EXIST EXIST 8 3/4" HM3 20 YES 8,9		B-107D DOUBLE 4 PR 36 x 86	WD E HM 8 3/4" J1 H1 HM2	90 YES YES 8	1
C-107A SINGLE 36 x 86 EXIST EXIST 8 3/4" HM3 20 YES 8,9		B-107E DOUBLE 1 PR 36 x 86	FRP AL 6" SEE SEE ELEV ELEV SF2	YES YES 1,4,5,7	,
C-109A SINGLE 36 x 86 EXIST EXIST 8 3/4" HM3 20 YES 8,9  C-114B SINGLE 2 36 x 86 WD D HM 6 3/4" J1 H1 HM1 20 YES 8		B-108A SINGLE 2 36 x 86	WD A HM 8 3/4" J1 H1 HM1		1
C-114B SINGLE 2 36 x 86 WD D HM 6 3/4" J1 H1 HM1 20 YES 8  C-115A SINGLE 2 36 x 86 WD D HM 6 3/4" J1 H1 HM1 20 YES 8		B-108C SINGLE 2 36 x 86	WD A HM 8 3/4" J1 H1 HM1		
C-123B SINGLE 2 36 x 86 WD D HM 6 3/4" J1 H1 HM1 20 YES 8		B-109A SINGLE 1 36 x 86	WD A HM 8 3/4" SEE SEE SEE HM3		
D-112A SINGLE 2 36 x 86 WD D HM 6 3/4" J1 H1 HM1 20 YES 8		B-110A SINGLE 1 42 x 86	FRP AL 6" SEE SEE ELEV SF1	1,2,4,7	
D-113B SINGLE 2 36 x 86 WD D HM 6 3/4" J1 H1 HM1 20 YES 8		B-111A SINGLE 1 36 x 86	WD HM 8 3/4" J1 H1 HM1		
D-114A SINGLE 2 36 x 86 WD D HM 6 3/4" J1 H1 HM1 20 YES 8		B-113A SINGLE 1 36 x 86	WD HM 8 3/4" J1 H1 HM1		
D-115B SINGLE 2 36 x 86 WD D HM 6 3/4" J1 H1 HM1 20 YES 8		B-114A SINGLE 1 36 x 86	WD HM 8 3/4" J1 H1 HM1		
D-116A DOUBLE 4 PR 46 x 86 WD D HM 6 3/4" J1 H1 HM2 90 YES YES 8	AD-2	B-114AA SINGLE 1 36 x 86	WD HM 8 3/4" J1 H1 HM1		
D-117B SINGLE 2 36 x 86 WD D HM 6 3/4" J1 H1 HM1 20 YES 8		B-116A DOUBLE 3 PR 36 x 86	AL B AL 6" SEE SEE ELEV SF2	YES YES 1,2,4,5,	7
D-120A SINGLE 2 36 x 86 WD D HM 6 3/4" J1 H1 HM1 20 YES 8		B-116B DOUBLE 3 PR 36 x 86	AL AL 4 1/2" SEE SEE ELEV SF2	DUMMY YES EXIT	
D-123A SINGLE 1 36 x 86 WD HM 6 3/4" J1 H1 HM1 20 YES 8  GENERAL DOOR NOTES		B-117A DOUBLE 4 PR 48 x 86	WD D HM 8 3/4" J1 H1 HM2	90 YES YES 8	
A. JAMB, HEAD, AND SILL DO NOT SHOW WALL CONSTRUCTION. SEE FLOOR PLAN FOR WALL MATERIALS. REFER TO A800 SERIES DRAWINGS FOR WALL FINISHES. B. SEAL ALL JAMBS AND HEADS WHERE FRAMES MEET EXPOSED MASONRY AND/OR GYPSUM BOARD. C. PROVIDE A SCRIBE MOLD AT ALL EXTERIOR DOOR FRAMES AND WHERE NOTED ON DRAWINGS. SCRIBE MOLD TO BE 3/4" X 3/4" METAL AT EXTERIOR OF METAL FRAMES AND		B-118A DOUBLE 2 PR 36 x 86	WD D HM 8 3/4" J1 H1 HM2	20 YES YES 8	GIBRALTAR DESIGN 9102 N. Meridian St., Ste. 300
AT BOTH SIDES OF ALUMINUM FRAMES. SET SCRIBE MOLDS IN SEALANT.  D. PROVIDE GLAZING AND GLASS STOPS AS REQUIRED.  E. FIELD VERIFY ALL DIMENSIONS AND CONDITIONS, BOTH NEW AND EXISTING.		B-118B BORROWED LIGHT	E HM 8 3/4" J2 H2 S1 HM5	45	Indianapolis, IN 46260 Homepage www.GibraltarDesign.com Email info@GibraltarDesign.com
F. SHIM SPACE IS NOT SHOWN ON DOOR FRAME ELEVATIONS FOR ALUMINUM STOREFRONT. TAKE THESE DIMENSIONS INTO ACCOUNT AND ADJUST DIMENSIONS ACCORDINGLY. G. FOR DOOR POSITION WITHIN WALL REFER TO FRAME MOUNTING DETAIL 5—A610. H. FOR ELECTRICAL ROUGH—IN AT DOORS REFER TO DETAIL 3—A610.		B-118C DOUBLE 3 PR 36 x 86	WD E E HM 8 3/4" SEE SEE SEE HM6 ELEV HM6	20 YES YES 8,11	Phone 317.580.5777 Fax 317.580.5778  PROJECT 21-110
I. FOR HOLLOW METAL FRAME ELEVATIONS (HM) REFER TO 1—A610. FOR HOLLOW METAL (HM) FRAME PROFILES REFER TO 2—A610.  J. FOR ALUMINUM STOREFRONT ELEVATIONS (SF) REFER TO 6—A610. FOR STOREFRONT (SF) FRAME PROFILES REFER TO 7—A610.  K. GLASS NOTED IN SIDELIGHT COLUMN FOR STOREFRONT WITH NO DOOR APPLIES TO ALL OPENINGS IN FRAME UNLESS NOTED OTHERWISE.  L. REFER TO FLOOR PLANS FOR LOCATIONS OF NEW AND EXISTING ADA PUSH PADS FOR POWER ASSISTED OPERATORS.		B-118D BORROWED LIGHT	E HM 8 3/4" J2 H2 S1 HM7	45	DATE 03/16/23
M. WHERE FRAMES INDICATE 2 OF MORE OPENINGS FOR DOORS, EACH SINGLE OR PAIR OF DOORS IS SCHEDULED SEPARATELY AND FRAME INDICATED.  DOOR SCHEDULE NOTES		B-118E DOUBLE 3 PR 36 x 86	AL B AL 6" SEE SEE SF2 SF2	YES YES 1,4,5,7	COORDINATED BY 11600109
1. PANIC DEVICE TO HAVE ELECTRIC LATCH BOLT. PREPARE FRAME FOR ELECTRIFIED HINGE. 2. DOOR TO BE CONTROLLED BY CARD READER/FOB. REFER TO ELECTRICAL DRAWINGS FOR ROUGH IN. 3. PROVIDE POWER ASSISTED OPERATOR ON ONE LEAF OF DOUBLE DOORS.		B-119A SINGLE 2 36 x 86	WD A HM 8 3/4" J1 H1 HM1		DRAWN BY DTB
4. PROVIDE ALUMINUM THRESHOLD SET IN FULL BED OF MASTIC. 5. KEYED REMOVABLE MULLION. 6. PROVIDE HOLD OPEN ON EACH DOOR.		B-119B BORROWED LIGHT	A HM 8 3/4" J2 H2 S1 HM8		CHECKED BY DTB GWT  COPYRIGHT NOTICE:
7. PREPARE DOOR AND FRAME FOR DOOR POSITION SWITCH. 8. PROVIDE WALL MOUNTED ELECTRIC HOLD OPEN BY DIV. 26, DOOR MOUNTED. APERTURE SHALL BE INSTALLED BY HARDWARE INSTALLER. 9. RELOCATED DOOR.		B-119C BORROWED	A HM 1'-0 3/4" J2 H2 S1 HM8		THE CONCEPTS, DESIGNS, PLANS, DETAILS, ETC, SHOWN ON THIS DOCUMENT ARE THE PROPERTY OF GIBRALTAR DESIGN AND WERE CREATED FOR USE ON THIS SPECIFIC PROJECT. NONE OF THIS INFORMATION SHALL BE USED BY ANY PERSON OR FIRM FOR ANY PURPOSE WITHOUT THE EXPRESS WRITTEN CONSENT OF GIBRALTAR DESIGN. THE OWNER MAY RETAIN COPIES FOR INFORMATION AND REFERENCE IN CONNECTION ONLY WITH THIS DEDICAT.
10. PROVIDE DROP SEAL, SOUND GASKETING, AND ADA COMPLIANT THRESHOLD. 11. GLAZING TO BE 45 MIN FIRE RATED FOR SIDELIGHTS. 12. WINDOW ASSEMBLY TO BE 90 MIN RATED AND IS REQUIRED TO BE TESTED AS PART OF A WALL ASSEMBLY IN ACCORDANCE TO ASTM E119 OR UL 263.		LIGHT	WD A HM 8 3/4" J1 H1 HM1		OF GIBRALTAR DESIGN. THE OWNER MAY RETAIN COPIES FOR INFORMATION AND REFERENCE IN CONNECTION ONLY WITH THIS PROJECT.
		B-120A SINGLE 2 36 x 86  B-122A DOUBLE 3 PR 36 x 96	WD A HM 8 3/4" J1 H1 HM1	YES YES 1,2,4,5,	REVISIONS  MARK DATE ISSUED FOR
		B-122B DOUBLE 3 PR 36 x 96	AL A A A A 1/2" SEE SEE SEE SF3	DUMMY YFS	AD-2 04/06/23 ADDENDUM NO.2
			ELEV ELEV	EXIT	
		B-124A SINGLE 3 36 x 84	AL B B B AL 6" SEE SEE SF4 ELEV ELEV ELEV	YES YES 1,4,7	
		C-103A SINGLE 1 36 x 86	WD HM 5 3/4" J1 H1 HM1	10	
		C-104A SINGLE 1 36 x 86  C-105A SINGLE 1 36 x 86	WD     HM     5 3/4"     J1     H1     HM1       WD     HM     5 3/4"     J1     H1     HM1	10	
		C-105A SINGLE 1 36 x 86  C-106A SINGLE 1 36 x 86	WD HM 5 3/4" J1 H1 HM1  WD HM 5 3/4" J1 H1 HM1	10	
		C-114A SINGLE 1 36 x 86	WD HM 6 3/4" J1 H1 HM1	10	
		C-116A SINGLE 3 36 x 86	AL B AL 6" SEE SEE SF1 ELEV ELEV	YES YES 1,4,7	
		C-123A SINGLE 1 36 x 86	WD HM 1'-0" J1 H1 HM1	10	
	AD-2		WD D HM 8 3/4" J1 H1 HM1	20 YES 8	DOOR SCHEDULE, FRAME
		C-125B SINGLE 2 36 x 86	WD D HM 8 3/4" J1 H1 HM1	20 YES 8	PROFILES, ELEVATIONS, AND DETAILS
		C-126A SINGLE 2 36 x 86	WD D HM 8 3/4" J1 H1 HM1	20 YES 8	PROJECT
		C-129A SINGLE 1 36 x 86	WD HM 6 3/4" J1 H1 HM1		WINFIELD ELEMENTARY SCHOOL 2023 ADDITIONS, RENOVATIONS, AND RELATED WORK
		D-107A DOUBLE 3 PR 36 x 86	AL B AL 6" SEE SEE SF2 SF2	YES 4,5,7	© GIBRALTAR DESIGN SHEET
		D-113A SINGLE 1 36 x 86	WD HM 6 3/4" J1 H1 HM1	10	A-601

Wednesday, 4/5/2023 - 9:56 AM - LAST SAVED BY:DBURNS Y:\21-110 CROWN POINT CSC - WINFIELD ES 2023 ADDITIONS AND RENOVATIONS\21-110 DRAWINGS\05 ARCH\A-601.DWG



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PROJECT WINFIELD ELEMENTARY SCHOOL 2023 ADDITIONS, RENOVATIONS, AND RELATED **CROWN POINT COMMUNITY** 

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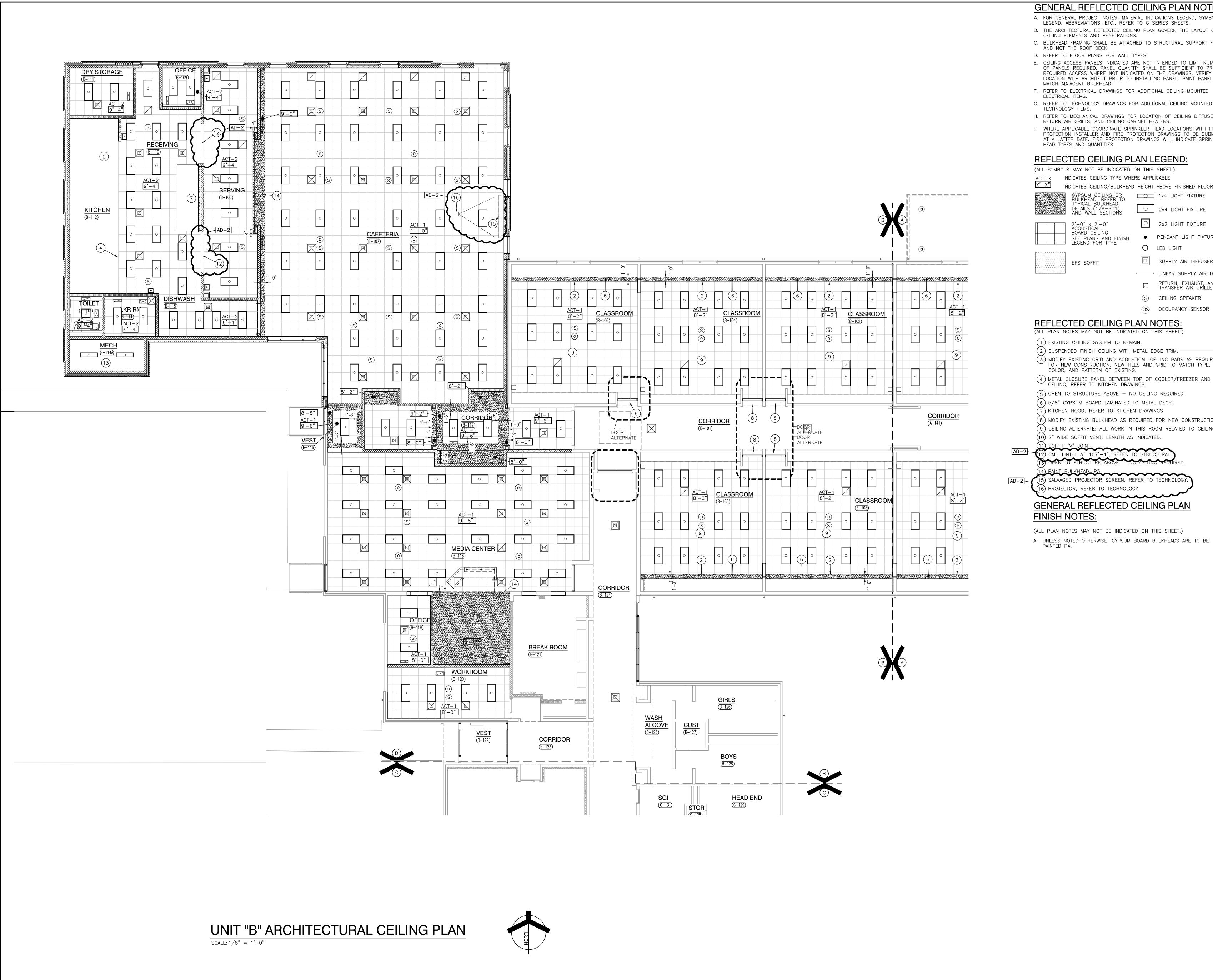
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UNIT "A" ARCHITECTURAL **CEILING PLAN** 

WINFIELD ELEMENTARY SCHOOL 2023 ADDITIONS, RENOVATIONS, AND RELATED WORK

A-901



Wednesday, 4/5/2023 — 10:41 AM — LAST SAVED B Y:\21—110 CROWN POINT CSC — WINFIELD ES 2023 ADDITIONS AND RENOVATIONS\21—110 DRAWINGS\05 ARCH\A—902.DWG

GENERAL REFLECTED CEILING PLAN NOTES:

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

B. THE ARCHITECTURAL REFLECTED CEILING PLAN GOVERN THE LAYOUT OF ALL

CEILING ELEMENTS AND PENETRATIONS. C. BULKHEAD FRAMING SHALL BE ATTACHED TO STRUCTURAL SUPPORT FRAMING

AND NOT THE ROOF DECK.

D. REFER TO FLOOR PLANS FOR WALL TYPES. E. CEILING ACCESS PANELS INDICATED ARE NOT INTENDED TO LIMIT NUMBER OF PANELS REQUIRED. PANEL QUANTITY SHALL BE SUFFICIENT TO PROVIDE REQUIRED ACCESS WHERE NOT INDICATED ON THE DRAWINGS. VERIFY LOCATION WITH ARCHITECT PRIOR TO INSTALLING PANEL. PAINT PANEL TO

F. REFER TO ELECTRICAL DRAWINGS FOR ADDITIONAL CEILING MOUNTED ELECTRICAL ITEMS.

G. REFER TO TECHNOLOGY DRAWINGS FOR ADDITIONAL CEILING MOUNTED TECHNOLOGY ITEMS.

H. REFER TO MECHANICAL DRAWINGS FOR LOCATION OF CEILING DIFFUSERS, RETURN AIR GRILLS, AND CEILING CABINET HEATERS.

WHERE APPLICABLE COORDINATE SPRINKLER HEAD LOCATIONS WITH FIRE PROTECTION INSTALLER AND FIRE PROTECTION DRAWINGS TO BE SUBMITTED AT A LATTER DATE. FIRE PROTECTION DRAWINGS WILL INDICATE SPRINKLER HEAD TYPES AND QUANTITIES.

#### REFLECTED CEILING PLAN LEGEND:

(ALL SYMBOLS MAY NOT BE INDICATED ON THIS SHEET.) INDICATES CEILING TYPE WHERE APPLICABLE

INDICATES CEILING/BULKHEAD HEIGHT ABOVE FINISHED FLOOR BULKHEAD, REFER TO TYPICAL BULKHEAD DETAILS (1/A-901) AND WALL SECTION 2'-0" x 2'-0" ACOUSTICAL BOARD CEILING

MATCH ADJACENT BULKHEAD.

1x4 LIGHT FIXTURE 2×4 LIGHT FIXTURE 2x2 LIGHT FIXTURE

SEE PLANS AND FINISH LEGEND FOR TYPE EFS SOFFIT

 PENDANT LIGHT FIXTURE O LED LIGHT SUPPLY AIR DIFFUSER

LINEAR SUPPLY AIR DIFF (S) CEILING SPEAKER

OS OCCUPANCY SENSOR REFLECTED CEILING PLAN NOTES:

(ALL PLAN NOTES MAY NOT BE INDICATED ON THIS SHEET.)  $(\ 1\ )$  EXISTING CEILING SYSTEM TO REMAIN.

MODIFY EXISTING GRID AND ACOUSTICAL CEILING PADS AS REQUIRED FOR NEW CONSTRUCTION. NEW TILES AND GRID TO MATCH TYPE, COLOR, AND PATTERN OF EXISTING.

4 METAL CLOSURE PANEL BETWEEN TOP OF COOLER/FREEZER AND CEILING, REFER TO KITCHEN DRAWINGS.

(5) OPEN TO STRUCTURE ABOVE - NO CEILING REQUIRED. (6) 5/8" GYPSUM BOARD LAMINATED TO METAL DECK.

7 KITCHEN HOOD, REFER TO KITCHEN DRAWINGS (8) modify existing bulkhead as required for new construction. 9) CEILING ALTERNATE: ALL WORK IN THIS ROOM RELATED TO CEILING. 10) 2" WIDE SOFFIT VENT, LENGTH AS INDICATED.

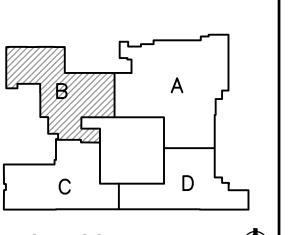
11) SOFFIT "V" JOINT. 12) CMU LINTEL AT 107'-4", REFER TO STRUCTURA 3) OPEN TO STRUCTURE ABOVE - NO CETTING REDU ) PAINT BULKHEAD P3.
5) SALVAGED PROJECTOR SCREEN, REFER TO TECHNOLOGY.

GENERAL REFLECTED CEILING PLAN

**FINISH NOTES:** (ALL PLAN NOTES MAY NOT BE INDICATED ON THIS SHEET.) **GIBRALTAR** DESIGN ARCHITECTURE • ENGINEERING • INTERIOR DESIGN

PROJECT WINFIELD **ELEMENTARY** SCHOOL 2023 ADDITIONS, RENOVATIONS, AND RELATED

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11600109

21-110 03/16/23 coordinated by DTB

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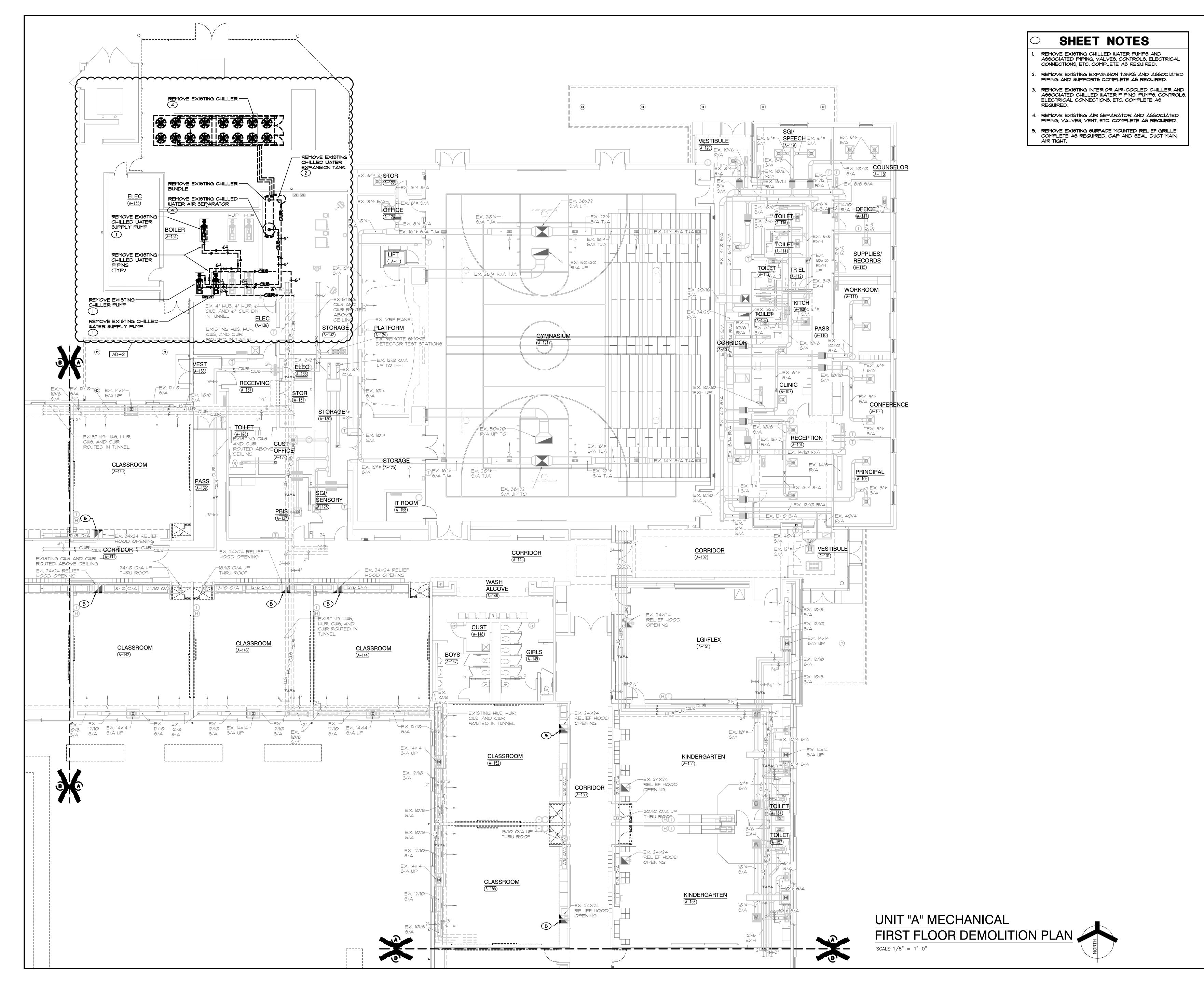
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UNIT "B" ARCHITECTURAL

CEILING PLAN

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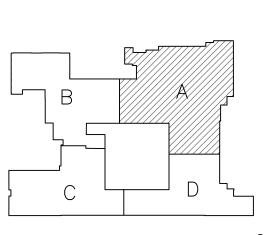
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RENOVATIONS,
AND RELATED

WORK
CROWN POINT COMMUNITY
SCHOOL CORPORATION
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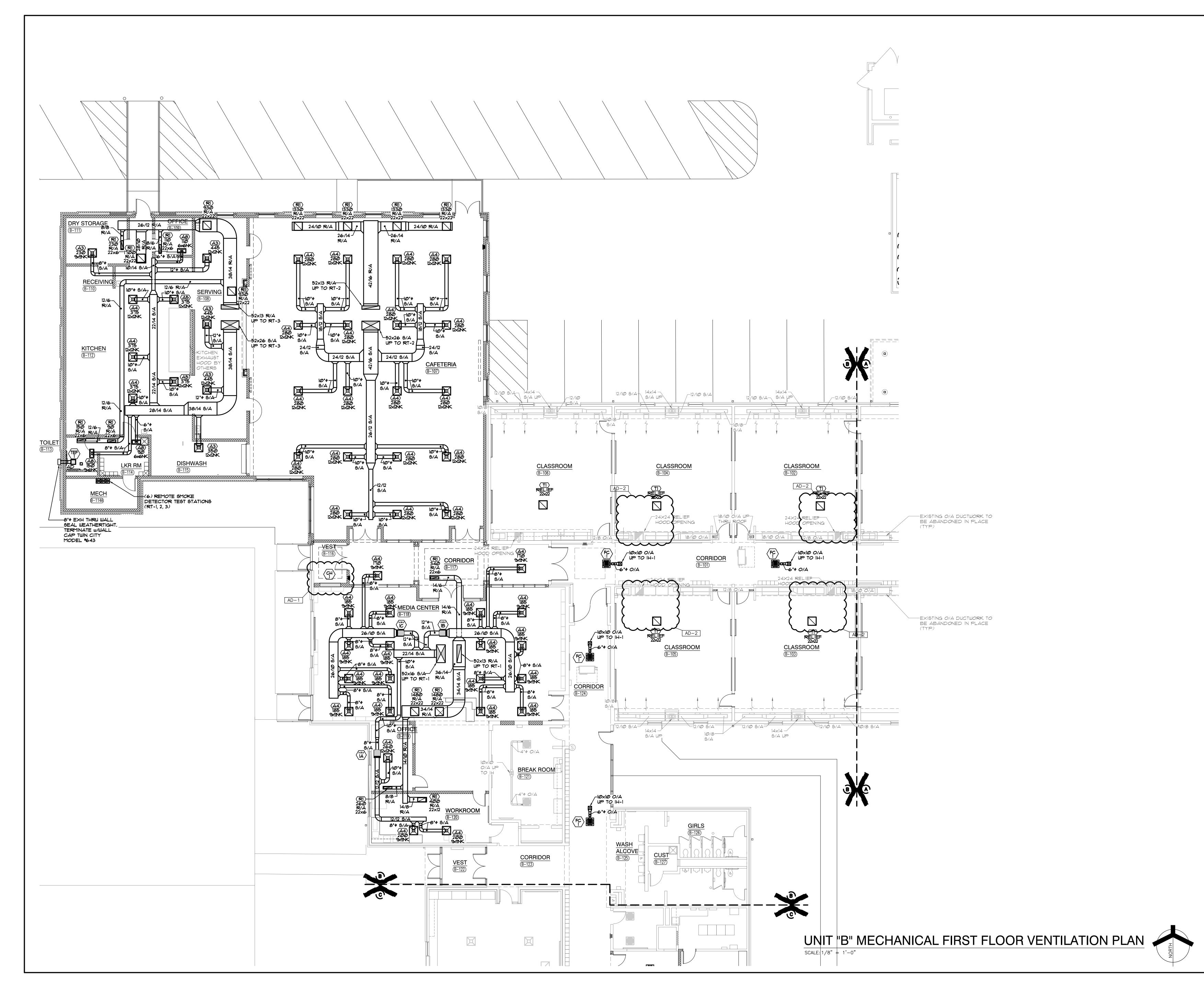
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DRAWING
UNIT "A" MECHANICAL
FIRST FLOOR DEMOLITION
PLAN

PROJECT WINFIELD ELEMENTARY SCHOOL 2023 ADDITIONS, RENOVATIONS, AND RELATED WORK

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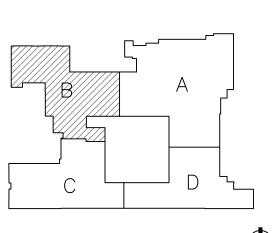


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UNIT "B" MECHANICAL FIRST FLOOR **VENTILATION PLAN** 

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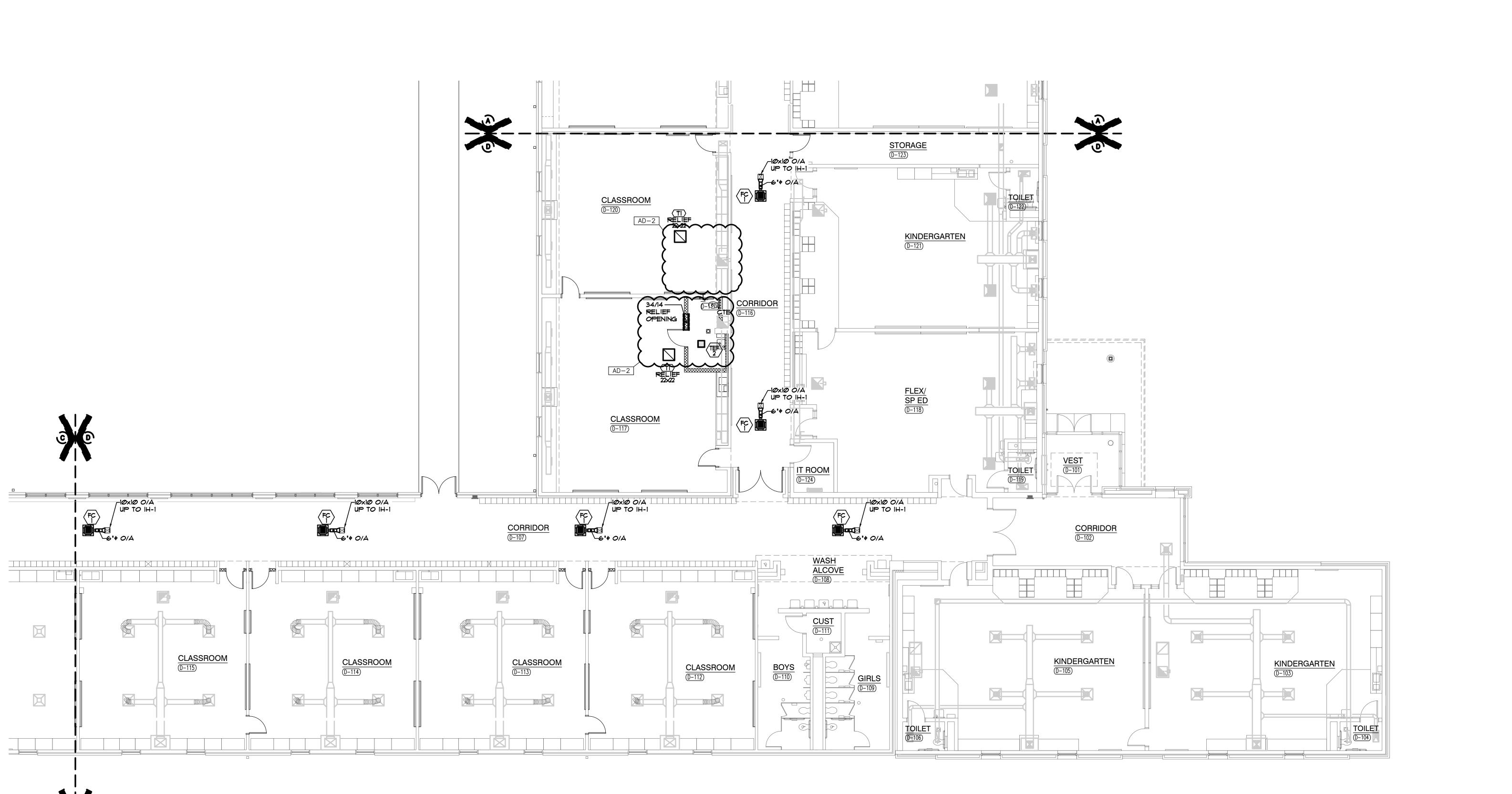


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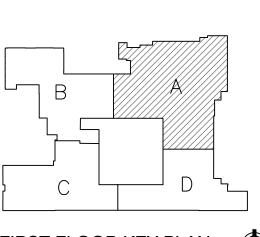




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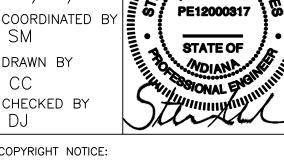
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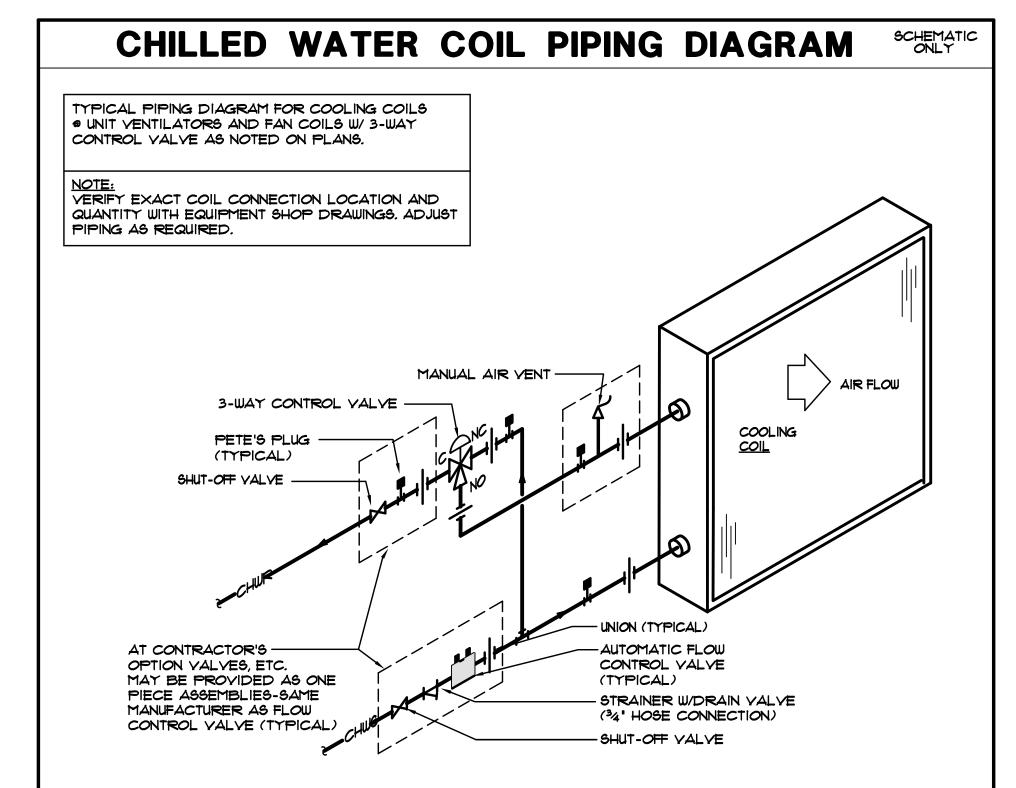
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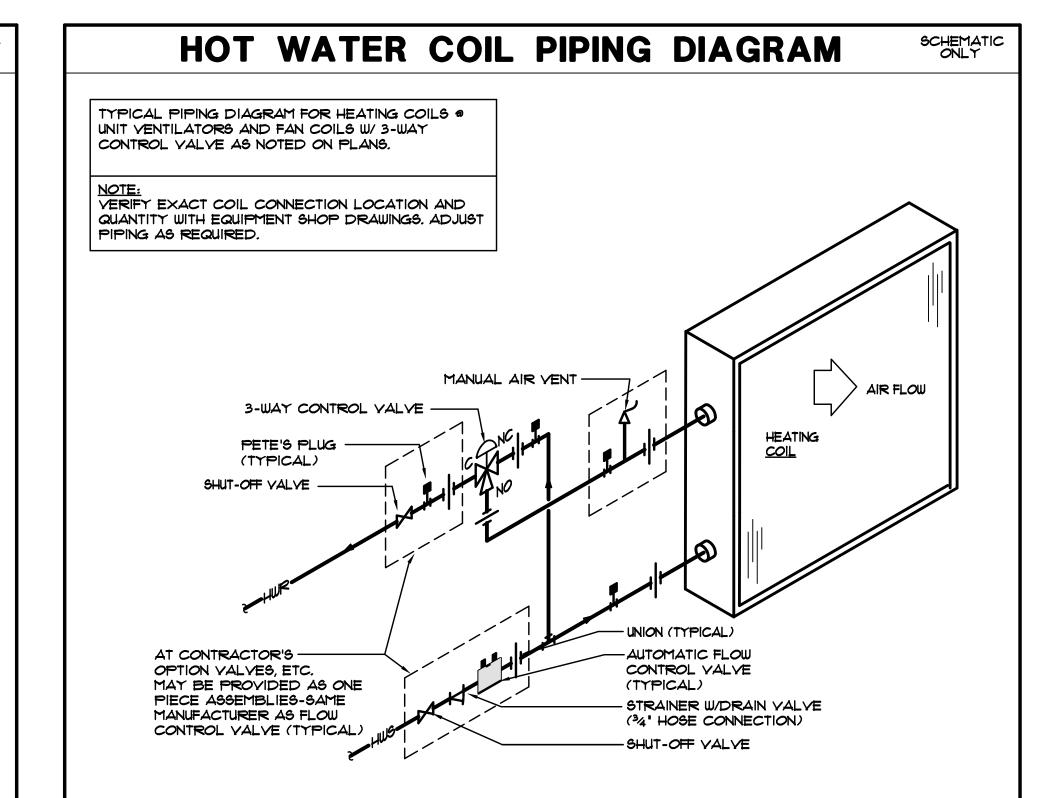
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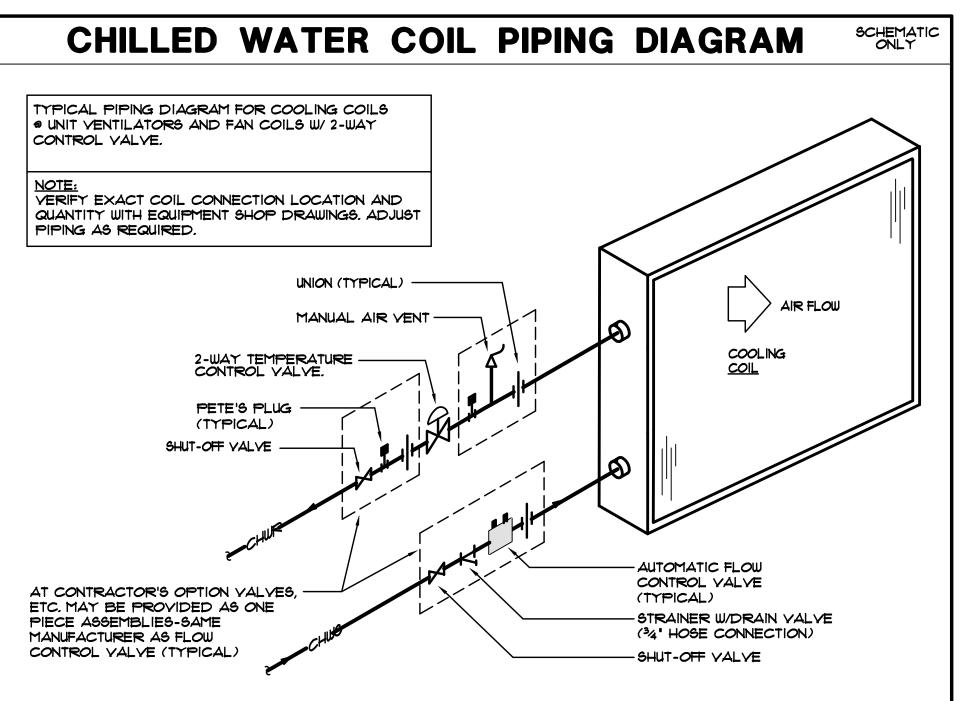
UNIT "A" MECHANICAL FIRST FLOOR PIPING PLAN

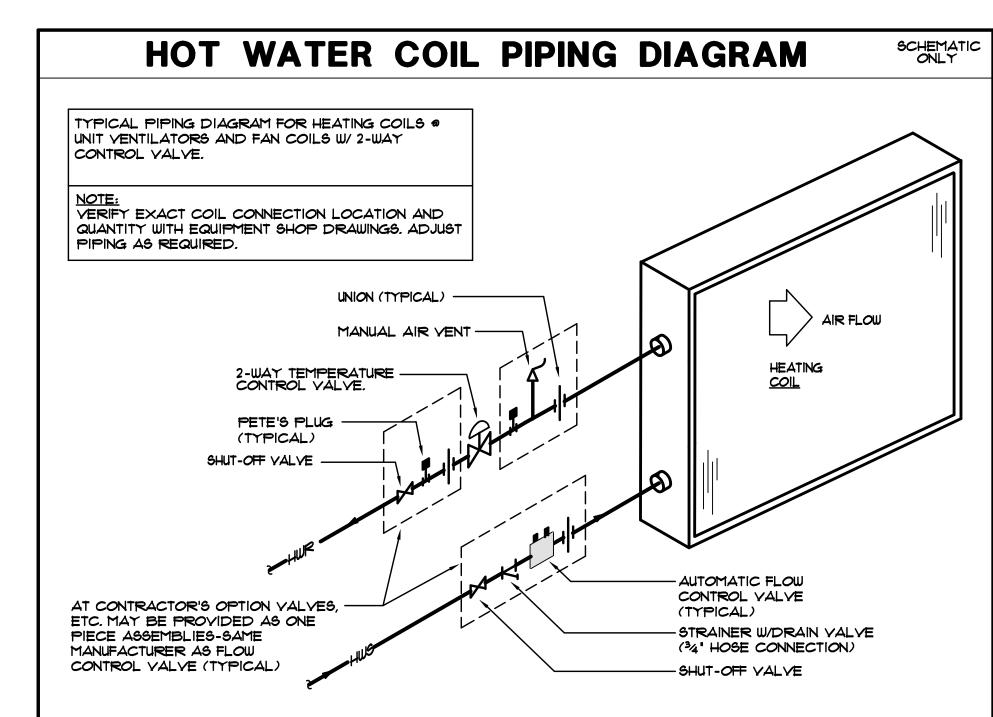
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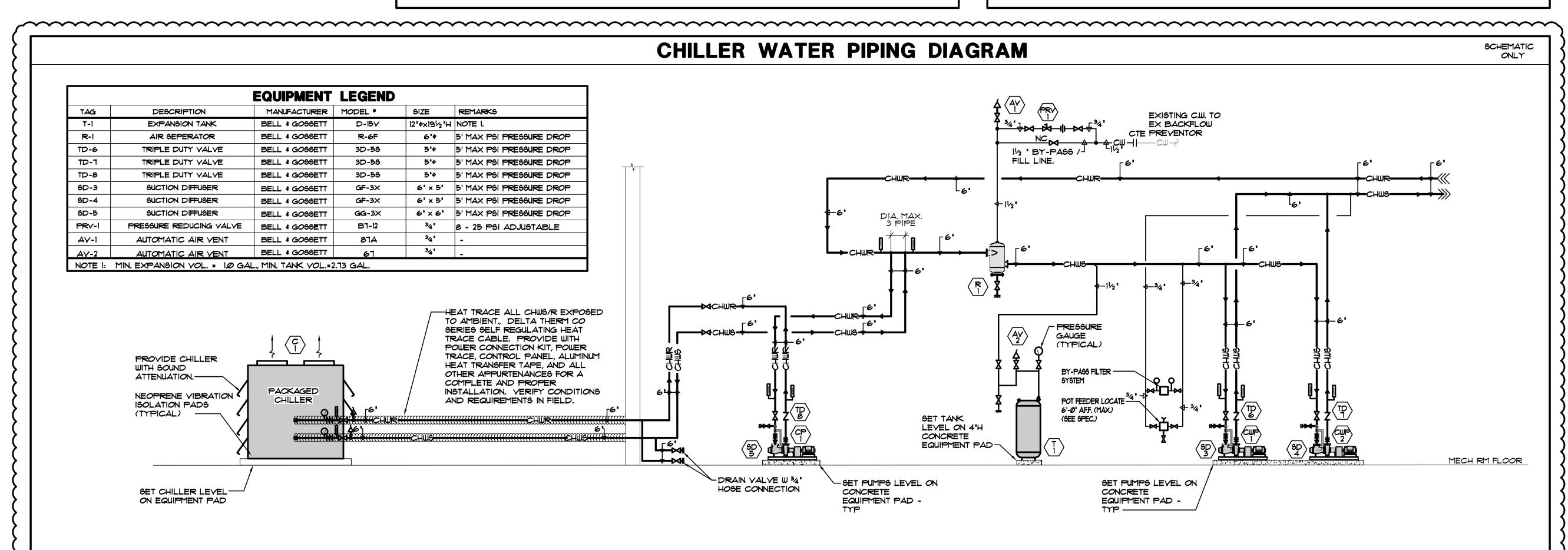
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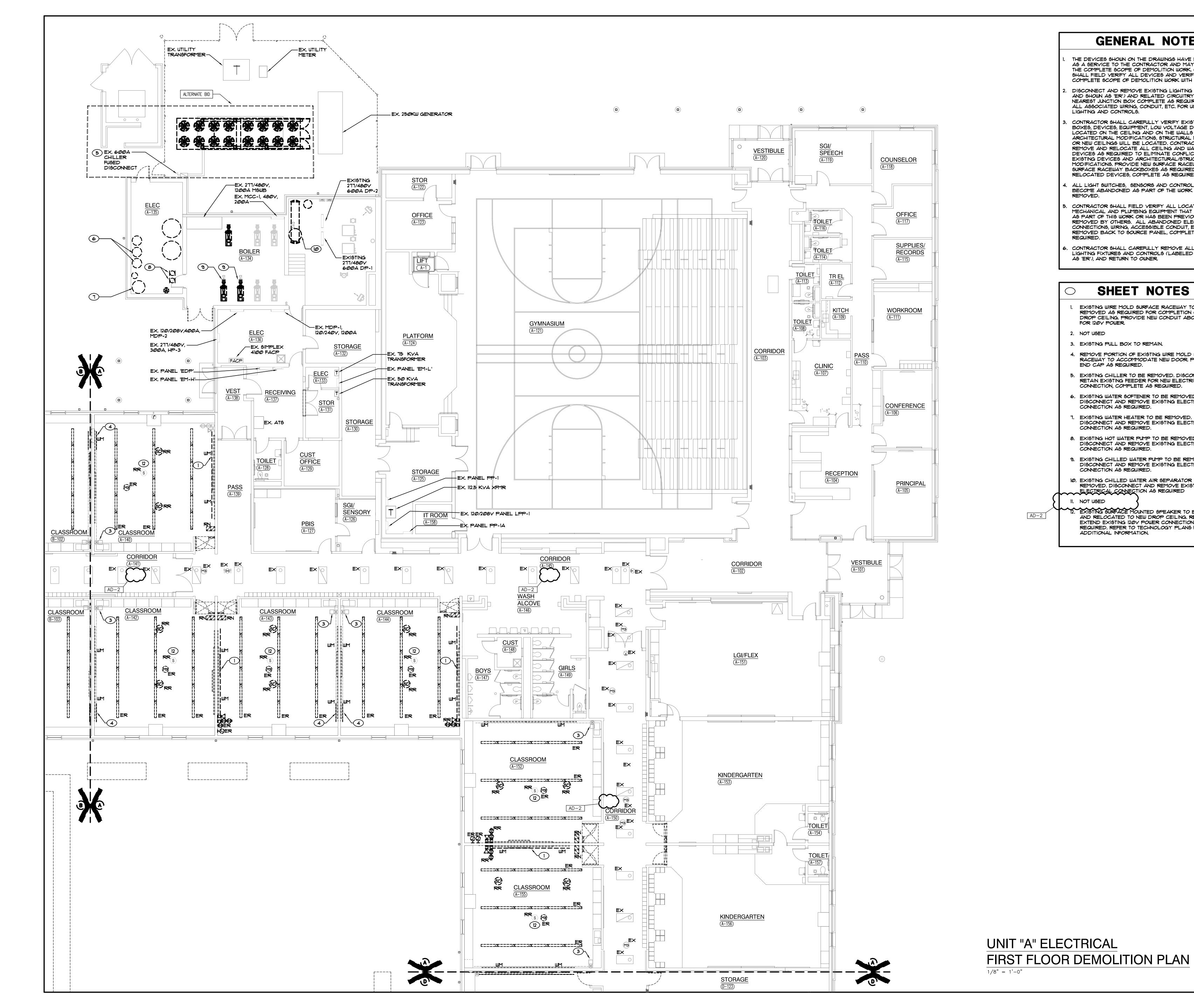
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WINFIELD ELEMENTARY SCHOOL
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#### **GENERAL NOTES**

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

#### SHEET NOTES

EXISTING WIRE MOLD SURFACE RACEWAY TO BE REMOVED AS REQUIRED FOR COMPLETION OF NEW DROP CEILING. PROVIDE NEW CONDUIT ABOVE CEILING FOR 120Y POWER

- 2. NOT USED
- 3. EXISTING PULL BOX TO REMAIN.
- 4. REMOVE PORTION OF EXISTING WIRE MOLD SURFACE RACEWAY TO ACCOMMODATE NEW DOOR PROVIDE NEW END CAP AS REQUIRED.
- 5. EXISTING CHILLER TO BE REMOVED. DISCONNECT AND RETAIN EXISTING FEEDER FOR NEW ELECTRICAL CONNECTION, COMPLETE AS REQUIRED.
- 6. EXISTING WATER SOFTENER TO BE REMOVED. DISCONNECT AND REMOVE EXISTING ELECTRICAL CONNECTION AS REQUIRED.
- T. EXISTING WATER HEATER TO BE REMOVED. DISCONNECT AND REMOVE EXISTING ELECTRICAL CONNECTION AS REQUIRED.
- 8. EXISTING HOT WATER PUMP TO BE REMOVED. DISCONNECT AND REMOVE EXISTING ELECTRICAL CONNECTION AS REQUIRED.
- 9. EXISTING CHILLED WATER PUMP TO BE REMOVED. DISCONNECT AND REMOVE EXISTING ELECTRICAL
- CONNECTION AS REQUIRED. 10. EXISTING CHILLED WATER AIR SEPARATOR TO BE
- REMOVED. DISCONNECT AND REMOVE EXISTING ELECTRICAL CONNECTION AS REQUIRED
- EXISTING SURFACE MOUNTED SPEAKER TO BE REMOVED

AND RELOCATED TO NEW DROP CEILING. REVISE AND EXTEND EXISTING 120Y POWER CONNECTION AS REQUIRED. REFER TO TECHNOLOGY PLANS FOR ADDITIONAL INFORMATION.

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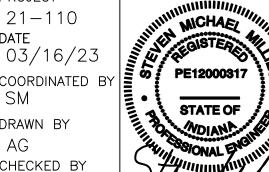
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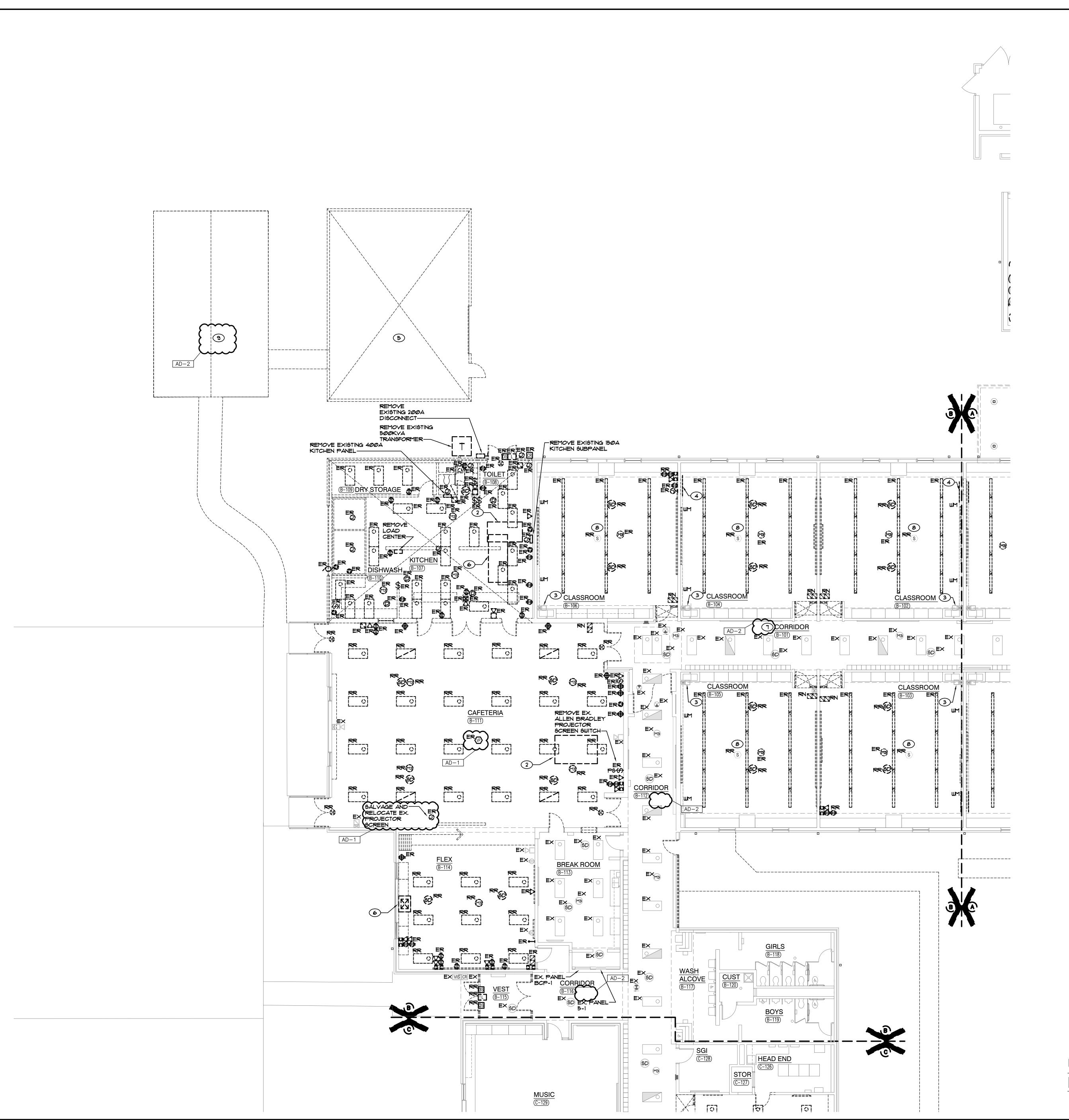
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UNIT "A" ELECTRICAL FIRST FLOOR DEMOLITION PLAN

WINFIELD ELEMENTARY SCHOOL 2023 ADDITIONS, RENOVATIONS, AND RELATED WORK

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#### GENERAL NOTES

- THE DEVICES SHOWN ON THE DRAWINGS HAVE BEEN LOCATED AS A SERVICE TO THE CONTRACTOR AND MAY NOT INDICATE THE COMPLETE SCOPE OF DEMOLITION WORK. CONTRACTOR SHALL FIELD VERIFY ALL DEVICES AND VERIFY THE COMPLETE SCOPE OF DEMOLITION WORK WITH ARCHITECT.
- DISCONNECT AND REMOVE EXISTING LIGHTING (LABELED AND SHOWN AS 'ER') AND RELATED CIRCUITRY BACK TO NEAREST JUNCTION BOX COMPLETE AS REQUIRED. RETAIN ALL ASSOCIATED WIRING, CONDUIT, ETC. FOR USE WITH NEW LIGHTING AND CONTROLS.
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- ALL LIGHT SWITCHES, SENSORS AND CONTROL DEVICES THAT BECOME ABANDONED AS PART OF THE WORK SHALL BE
- . CONTRACTOR SHALL FIELD VERIFY ALL LOCATIONS OF MECHANICAL AND PLUMBING EQUIPMENT THAT ARE REMOVED AS PART OF THIS WORK OR HAS BEEN PREVIOUSLY REMOVED BY OTHERS. ALL ABANDONED ELECTRICAL CONNECTIONS, WIRING, ACCESSIBLE CONDUIT, ETC. ARE TO BE REMOVED BACK TO SOURCE PANEL, COMPLETE AS REQUIRED.
- . CONTRACTOR SHALL CAREFULLY REMOVE ALL CLASSROOM LIGHTING FIXTURES AND CONTROLS (LABELED AND SHOWN AS 'ER'), AND RETURN TO OWNER.

#### SHEET NOTES

- EXISTING WIRE MOLD SURFACE RACEWAY TO BE REMOVED AS REQUIRED FOR COMPLETION OF NEW DROP CEILING. PROVIDE NEW CONDUIT ABOVE CEILING FOR 120Y POWER
- EXISTING ROOF TOP UNIT TO BE REMOVED. DISCONNECT AND REMOVE CONDUIT AND WIRING BACK TO SOURCE PANEL. WHERE EXISTING CIRCUITRY MATCHES NEW CIRCUITING AND WIRING REQUIREMENTS PER NEW MECHANICAL EQUIPMENT SCHEDULE, EXISTING WIRING AND CONDUIT MAY BE REUSED TO RECONNECT NEW EQUIPMENT. VERIFY EXACT CONDITIONS AND REQUIREMENTS IN FIELD, COMPLETE AS REQUIRED.
- 3. EXISTING PULL BOX TO REMAIN.
- 4. REMOVE PORTION OF EXISTING WIRE MOLD SURFACE RACEWAY TO ACCOMMODATE NEW DOOR, PROVIDE NEW END CAP AS REQUIRED.
- 5. EXISTING MAINTENANCE BUILDING TO BE DEMOLISHED. DISCONNECT AND REMOVE EXISTING ELECTRICAL CONNECTIONS. VERIFY EXACT CONDITIONS AND REQUIREMENTS IN FIELD, COMPLETE AS REQUIRED.
- 6. EXISTING UNIT VENTILATOR TO BE REMOVED. DISCONNECT AND REMOVE EXISTING ELECTRICAL CONNECTION AS ~ PEOURED ~~
- . NOT USED

8. EXISTING SURFACE MOUNTED SPEAKER TO BE REMOVED AND RELOCATED TO NEW DROP CEILING. REVISE AND EXTEND EXISTING 120Y POWER CONNECTION AS REQUIRED. REFER TO TECHNOLOGY PLANS FOR ADDITIONAL INFORMATION.

. EXISTING PAYILION TO BE REMOVED AND RELOCATED. REMOVE AND RELOCATE EXISTING POWER AND LIGHTING TO NEW LOCATION OF PAYILION. REFER TO CIVIL DRAWINGS

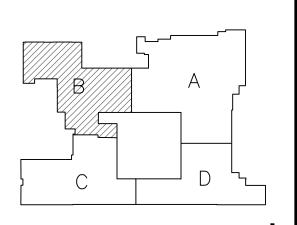
FOR EXACT LOCATION OF NEW PAYILION. 

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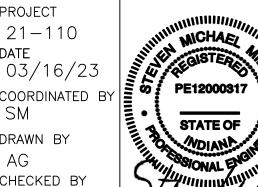


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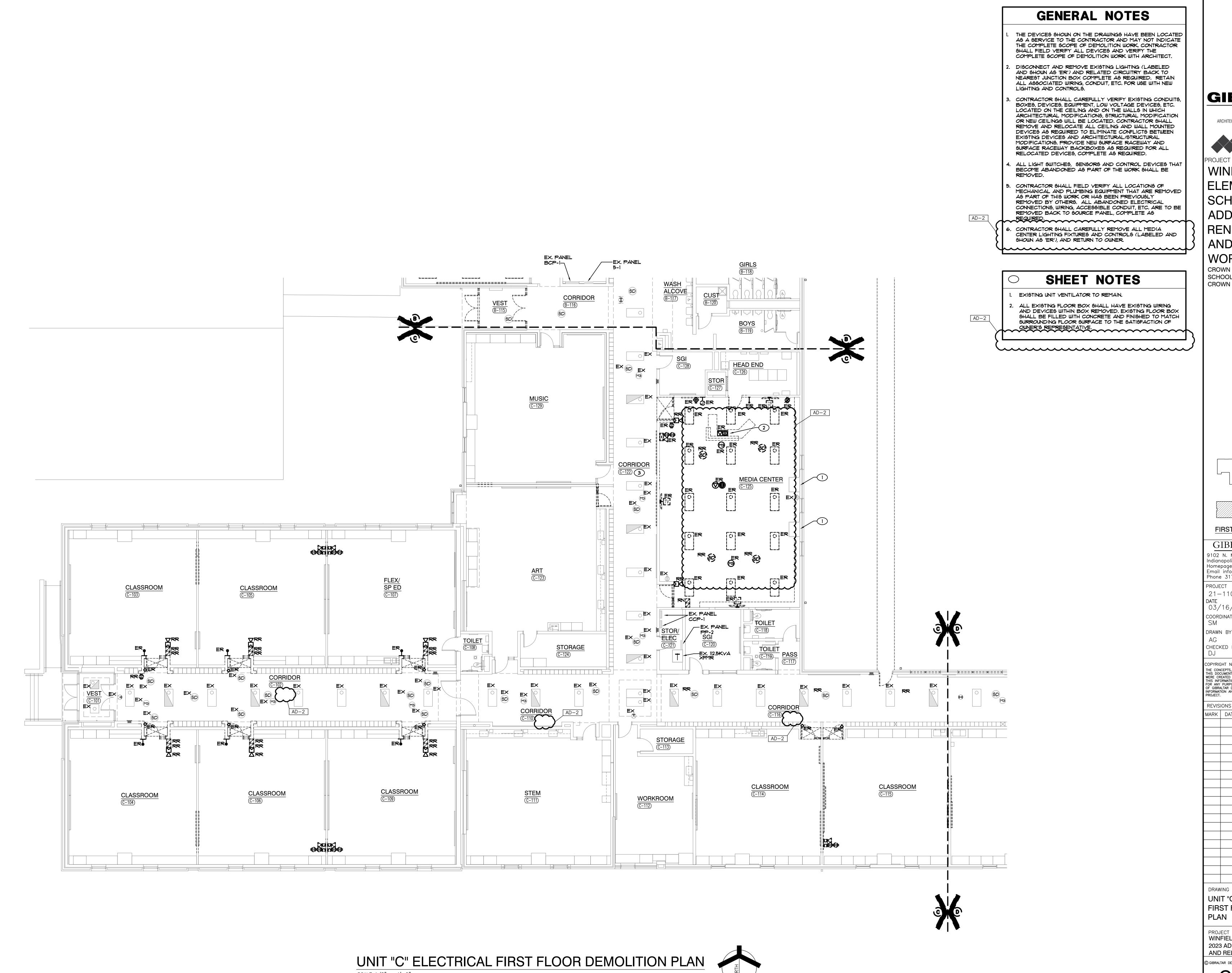
UNIT "B" ELECTRICAL FIRST FLOOR DEMOLITION PLAN

WINFIELD ELEMENTARY SCHOOL 2023 ADDITIONS, RENOVATIONS, AND RELATED WORK

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

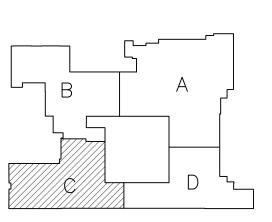


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UNIT "C" ELECTRICAL FIRST FLOOR DEMOLITION PLAN

WINFIELD ELEMENTARY SCHOOL 2023 ADDITIONS, RENOVATIONS, AND RELATED WORK

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#### GENERAL NOTES

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- 5. CONTRACTOR SHALL FIELD VERIFY ALL LOCATIONS OF MECHANICAL AND PLUMBING EQUIPMENT THAT ARE REMOVED AS PART OF THIS WORK OR HAS BEEN PREVIOUSLY REMOVED BY OTHERS. ALL ABANDONED ELECTRICAL CONNECTIONS, WIRING, ACCESSIBLE CONDUIT, ETC. ARE TO BE REMOVED BACK TO SOURCE PANEL, COMPLETE AS REQUIRED.
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#### SHEET NOTES

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- 2. EXISTING PULL BOX TO REMAIN.

3. EXISTING SURFACE MOUNTED SPEAKER TO BE REMOVED AND RELOCATED TO NEW DROP CEILING. REVISE AND EXTEND EXISTING 120Y POWER CONNECTION AS REQUIRED. REFER TO TECHNOLOGY PLANS FOR ADDITIONAL INFORMATION. 

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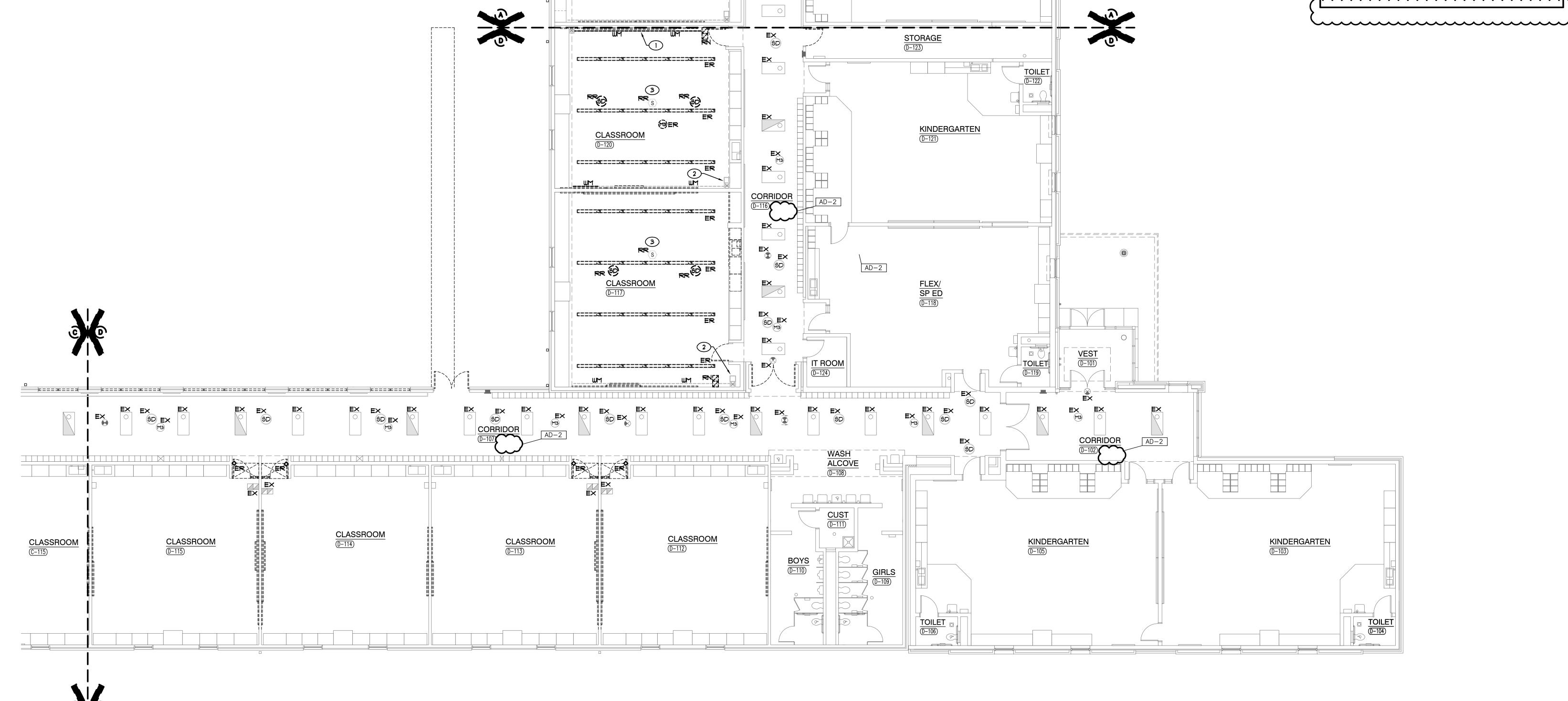
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UNIT "D" ELECTRICAL FIRST FLOOR DEMOLITION

WINFIELD ELEMENTARY SCHOOL 2023 ADDITIONS, RENOVATIONS, AND RELATED WORK

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# **GENERAL NOTES** CIRCUIT ALL EMERGENCY LIGHTING FIXTURES AND EXIT SIGNS WITH AN 'E' PREFIX TO EX. PANEL EM-L UNLESS OTHERWISE NOTED. CIRCUIT NUMBERS ARE ARBITRARY AND ARE ONLY SHOWN TO INDICATE CIRCUITING REQUIREMENTS. NEW CIRCUIT BREAKERS SHALL MATCH THE MAKE, MODEL AND WITHSTAND RATING OF THE EXISTING PANELBOARD. VERIFY EXACT CONDITIONS AND REQUIREMENTS IN FIELD. 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 4. ROUTE CONDUIT AS TIGHT TO THE EXPOSED CEILINGS AND STRUCTURE AS POSSIBLE TO MAXIMIZE CEILING SPACE. 5. YERIFY TEACHING SURFACE WITH OWNER'S REPRESENTATIVE IN FIELD PRIOR TO INSTALLATION AND ADJUST SWITCHING TO PROPERLY ILLUMINATE TEACHING SURFACE. CAREFULLY COORDINATE FINAL SWITCHING WITH FINAL FURNITURE PLANS AND TEACHING WALL LOCATIONS. SHEET NOTES RECONNECT NEW LIGHTING FIXTURES IN THIS SPACE TO EXISTING LIGHTING CIRCUITRY AND NEW SWITCHING DEVICES, COMPLETE AS REQUIRED, MAXIMUM 1400W PER 120 YOLT 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 #12 AND 1 \*12 GRD IN 3/4" CONDUIT COMPLETE AS REQUIRED. EX. PANEL VERIFY CONDITIONS AND REQUIREMENTS IN FIELD. BCP-I-RECONNECT NEW EMERGENCY LIGHTING FIXTURES TO EXISTING EMERGENCY LIGHTING CIRCUITRY AND NEW SWITCHING DEVICES, COMPLETE AS REQUIRED, MAXIMUM 1400W PER 120 YOLT 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 #12 AND 1 #12 GRD IN 3/4" CONDUIT COMPLETE AS REQUIRED. VERIFY CONDITIONS AND REQUIREMENTS IN FIELD. EX EX CLASSROOM EX TOILET PASS CLASSROOM CLASSROOM

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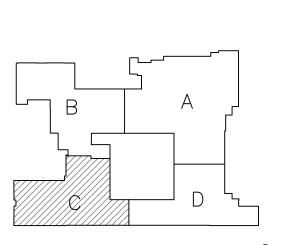
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DESIGN

(219) 924-8400 www.milliesengineeringgroup.com PROJECT

WINFIELD **ELEMENTARY** RENOVATIONS, AND RELATED

CROWN POINT COMMUNITY SCHOOL CORPORATION CROWN POINT, INDIANA



FIRST FLOOR KEY PLAN GIBRALTAR DESIGN

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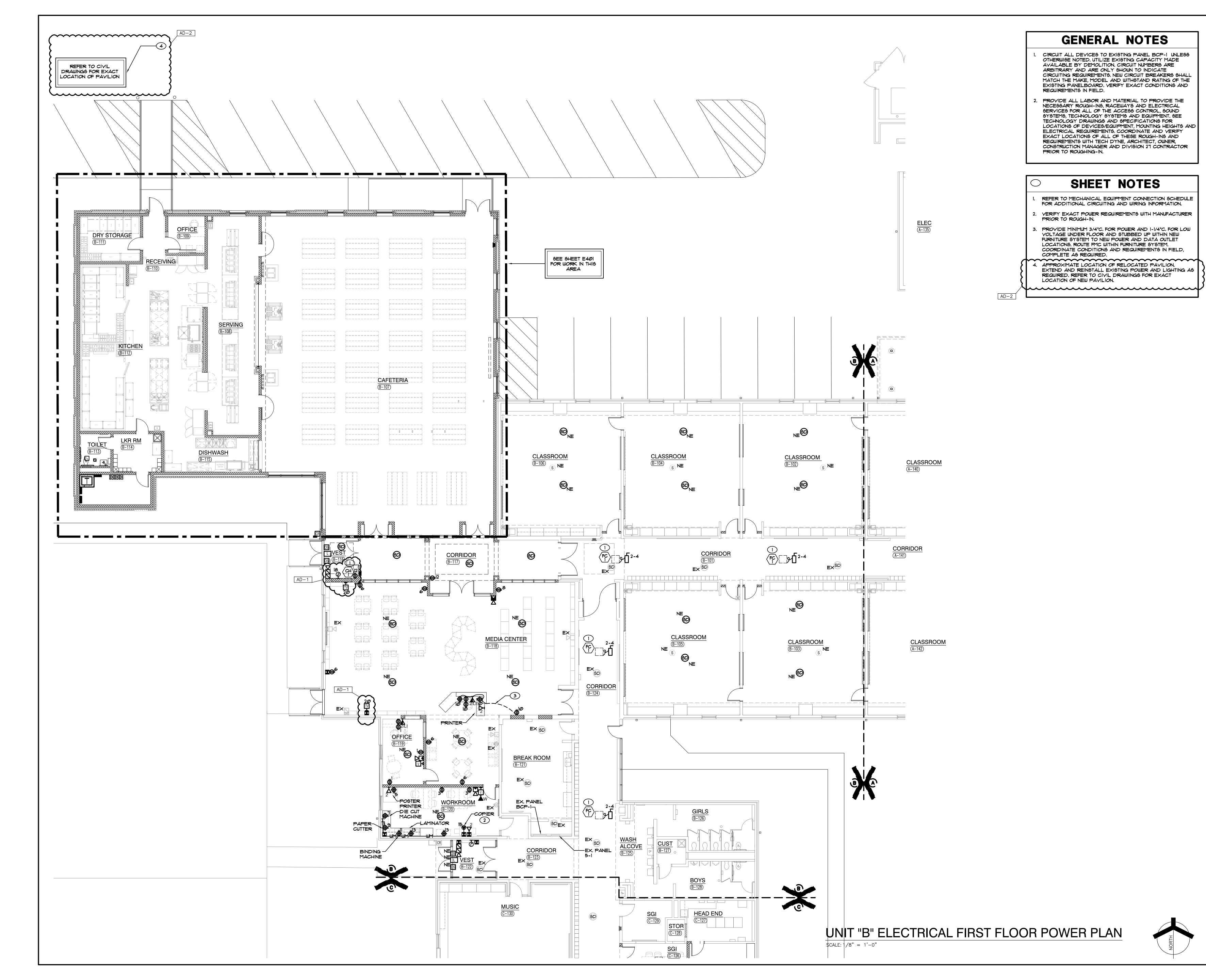
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UNIT "C" ELECTRICAL FIRST FLOOR LIGHTING

PLAN WINFIELD ELEMENTARY SCHOOL 2023 ADDITIONS, RENOVATIONS, AND RELATED WORK

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ADDITIONS,
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AND RELATED

CROWN POINT COMMUNITY
SCHOOL CORPORATION
CROWN POINT, INDIANA

FIRST FLOOR KEY PLAN

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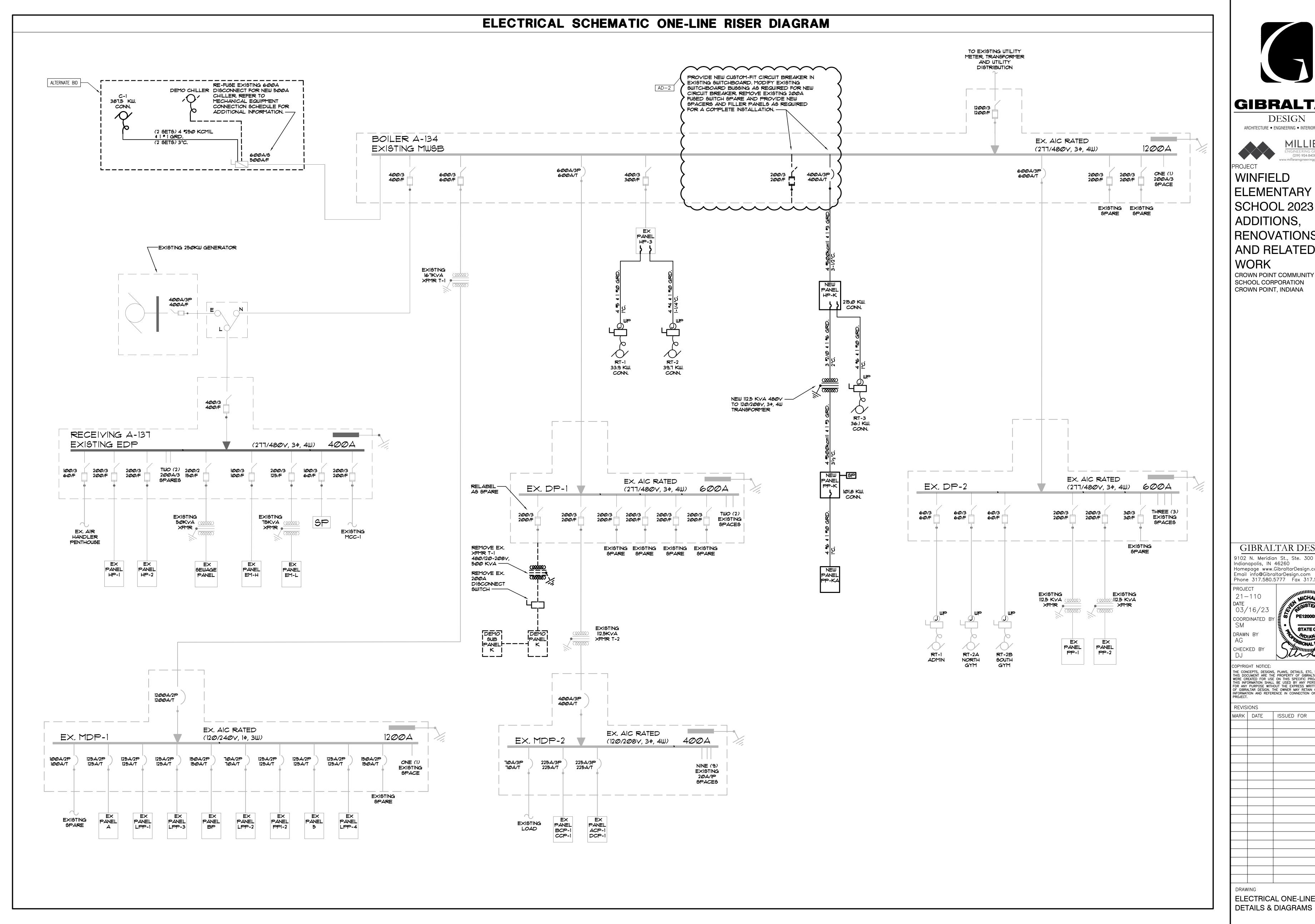
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UNIT "B" ELECTRICAL FIRST FLOOR POWER PLAN

PROJECT
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AND RELATED WORK

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ELECTRICAL ONE-LINE, DETAILS & DIAGRAMS

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E-501

### FIXTURE GENERAL NOTES

- INTERIOR AND EXTERIOR FIXTURE FINISHES AND COLORS TO BE SELECTED BY ARCHITECT. THE ARCHITECT MAY, AT THEIR DISCRETION, CHOOSE A CUSTOM COLOR AT NO ADDITIONAL CHARGE.
- . 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.
- . FIXTURES THAT CANNOT BE PROVIDED WITH EMERGENCY BALLASTS OR FIXTURES WITH GREATER THAN 10000 LUMENS SHALL BE PROVIDED WITH EMERGENCY INVERTER (MYERS \*LY 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. 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.
- ALL INTEGRAL EMERGENCY BATTERIES USED IN EXTERIOR APPLICATIONS SHALL HAVE A MINIMUM STARTING TEMPERATURE OF -20 DEGREES F UNLESS OTHERWISE SPECIFIED.
- 3. 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.
- 9. VERIFY FIXTURE MOUNTING HEIGHTS WITH ARCHITECT PRIOR TO ROUGH-IN.
- 10. VERIFY VOLTAGES OF EXISTING LIGHTING CIRCUITRY PRIOR TO ORDERING FIXTURES.
- PROVIDE CUSTOM ANTI-SWAY BRACING FOR PENDANT TO ELIMINATE PENDANT MOVEMENT DUE TO AIR MOVEMENT OR ENVIRONMENTAL CAUSES.
- 2. 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.
- 13. FIXTURES SHALL BE CAREFULLY COORDINATED WITH MANUFACTURER TO DELIVER THE SPECIFIED PRODUCT IN SUFFICIENT TIME TO MEET PROJECT DEADLINES. EQUIPMENT DELIVERY LEAD TIME SHALL NOT BE HELD AS A VALID REASON FOR REQUESTING LUMINAIRE SUBSTITUTION UNLESS LUMINAIRE LEAD TIME FROM SPECIFIED MANUFACTURER IS IN EXCESS OF 14 WEEKS. IT SHALL BE THE SOLE RESPONSIBILITY OF THE ELECTRICAL CONTRACTOR TO DETERMINE NECESSARY EQUIPMENT LEAD TIMES, DELIVER SUBMITTALS FOR REVIEW IN A TIMELY FASHION, AND PLACE ORDERS ACCORDINGLY TO ENGURE TIMELY DELIVERY.
- 4. EVALUATION OF APPROVED EQUALS SHALL BE AT THE SOLE DISCRETION OF THE ARCHITECT AND ENGINEER IF THE PRODUCT SUBMITTED DURING THE REVIEW PROCESS IS NOT JUDGED AS AN EQUAL BY THE REVIEWING ENGINEER, THE CONTRACTOR SHALL PROVIDE THE PRODUCT SPECIFIED.
- 15. CAREFULLY COORDINATE VOLTAGES OF FIXTURES PRIOR TO ORDERING FIXTURES.
- 16. APPROVED EQUALS WILL BE CONSIDERED FROM THE FOLLOWING VENDORS: KSA LIGHTING (630.307.6955), FORCE CHICAGO (312.986.1515), PG ENLIGHTEN (847.228.1199) OR ARCHIBALD AND MEEK (630,833,7377).
- 1. CAREFULLY VERIFY COLOR TEMPERATURE OF FIXTURES WITH ARCHITECT PRIOR TO ORDERING.

		INTERIO	OR LIGHTING LUMINA	AIRE S	CHED	JLE	
TAG	SYMBOL	DESCRIPTION	MANUFACTURER SERIES  OR CATALOG NUMBER	VOLTAGE/ BALLAST	LAMPS/CROSS SECTION	MOUNTING	REMARKS
AA		2' X 4' LED DIRECT/INDIRECT FIXTURE	LITHONIA *2BLT4-40L-ADP-GZI-LP840 COLUMBIA *LCAT24 SERIES METALUX *24CZ2 SERIES	MVOLT Ø-IØV DIM	LED 4000K MAX 32W MIN 4000LM	RECESSED LAY-IN	-
ДДІ		2' X 4' LED DIRECT/INDIRECT FIXTURE	LITHONIA *2BLT4-48L-ADP-GZI-LP840 COLUMBIA *LCAT24 SERIES METALUX *24CZ2 SERIES	MYOLT Ø-IØY DIM	LED 4000K MAX 38W MIN 4800LM	RECESSED LAY-IN	-
AA2		2' X 4' LED DIRECT/INDIRECT FIXTURE	LITHONIA *2BLT4-60L-ADP-GZI-LP840 COLUMBIA *LCAT24 SERIES METALUX *24CZ2 SERIES	MVOLT Ø-IØV DIM	LED 4000K MAX 48W MIN 6000LM	RECESSED LAY-IN	-
AA3		2' X 4' LED DIRECT/INDIRECT FIXTURE	LITHONIA *2BLT4-T2L-ADP-GZI-LP840 COLUMBIA *LCAT24 SERIES METALUX *24CZ2 SERIES	MVOLT Ø-1ØV DIM	LED 4000K MAX 61W MIN 7200LM	RECESSED LAY-IN	-
AB		2' × 2' LED DIRECT/INDIRECT FIXTURE	LITHONIA *2BLT2-48L-ADP-GZI-LP840 COLUMBIA *LCAT22 SERIES METALUX *22CZ2 SERIES	MVOLT Ø-IØV DIM	LED 4000K MAX 44W MIN 4800LM	RECESSED LAY-IN	-
ABI		2' X 2' LED DIRECT/INDIRECT FIXTURE	LITHONIA *2BLT2-60L-ADP-GZI-LP840 COLUMBIA *LCAT22 SERIES METALUX *22CZ2 SERIES	MVOLT Ø-IØV DIM	LED 4000K MAX 68W MIN 6000LM	RECESSED LAY-IN	-
AC	•	2' X 4' LED LENSED KITCHEN TROFFER FIXTURE WITH INVERTED LENS AND TRIPLE	LITHONIA *2GTL4-88L-RW-AI9INV-MVOLT-GZI- LP840-ABC COLUMBIA *LJT24 SERIES METALUX *GRUED SERIES	MVOLT Ø-IØV DIM	LED 4000K MAX 65W MIN 8800 LM	RECESSED LAY-IN	-INVERTED LENS AND TRIPLE GASKETING
AD		1' X 4' LED DIRECT/INDIRECT FIXTURE	LITHONIA *BLT4-30L-ADP-GZI-LP840 COLUMBIA *LCAT24 SERIES METALUX *24CZ2 SERIES	MYOLT Ø-IØY DIM	LED 4000K MAX 24W MIN 3000LM	RECESSED LAY-IN/ GYPSUM	-PROVIDE WITH DRYWALL GRID ADAPTER (*DGA14) AS INDICATED ON DRAWINGS
$\left. \begin{array}{c} CA \end{array} \right.$	$\left. \left. \left. \left\langle \right\rangle \right\rangle \right. \left. \left\langle \right\rangle \right. \left. \left\langle \right\rangle \right. \left. \left\langle \right\rangle \right. \left. \left. \left\langle \right\rangle \right. \left. \left. \left\langle \right\rangle \right. \left$	SEMI-SPECULAR ALZAK REFLECTOR, IRIDESCENT FREE FINISH, WHITE FLANGE	LITHORIA LEDNG 40 LOD AR LEG MUDET -GZIO-XX OR APPROVED EQUAL BY PRESCOLITE OR HALO	Ø-10V DIM	4000K MAX ISW MIN 1520LM	RECESSED LAY-IN/ GYPSUM	-VERIFY TRIM FINISH WITH ARCHITECT
PA	0	SUSPENDED LED CYLINDER PENDANT	VISA *CPI542-L40-H-MVOLT-XX-XX OR APPROVED EQUAL	120 YOLT 0-10Y DIM	LED 4000K MAX 16W MIN 1700LM	SUSPENDED VERIFY W/ ARCHITECT	-VERIFY FINISH WITH ARCHITECT
		SINGLE FACE EXIT, AC ONLY	DIAL-NIE SE-SAR-X	MOLA	NED NED	CENLINEX	A ERRYPHISHMUTH A
XA	⊗ 🌣		LITHONIA *LE-S-X-1-R-X SURE-LITES *CX SERIES		MAX 3W	WALL	ARCHITECT -PROVIDE WITH ARROWS AS REQUIRED
ХВ	<b>▼</b>	DUAL FACE EXIT AC ONLY	DUAL-LITE *SE-D-R-X LITHONIA *LE-S-X-2-R-X SURE-LITES *CX SERIES	MVOLT	LED MAX 3W	CEILING/ WALL	-VERIFY FINISH WITH ARCHITECT -PROVIDE WITH ARROWS AS REQUIRED
EM		FIXTURE ON EMERGENCY CIRCUIT WITH 90 MINUTE, 1400 LUMEN OUTPUT BATTERY UNIT OR INVERTER	BODINE FACTORY INSTALLED DRIVER OR MYERS LY SERIES INVERTER	12Ø/277 VOLT	-	IN FIXTURE/ REMOTE	-PROVIDE TEST SWITCH AND CHARGING INDICATOR -PROVIDE GENERATOR TRANSFER DEVICES
NL		CONSTANT HOT, UNSWITCHED NIGHT LIGHT FIXTURE					

	EXTERIOR LIGHTING LUMINAIRE SCHEDULE						
TAG	SYMBOL	DESCRIPTION	MANUFACTURER SERIES  OR CATALOG NUMBER	VOLTAGE/ BALLAST	LAMPS/CROSS SECTION	MOUNTING	REMARKS
EΑ	=	EXTERIOR LED WALL MOUNTED LIGHT FIXTURE	LITHONIA *WST-P3-40K-VF-MVOLT-XX OR APPROVED EQUAL HUBBELL *TRP SERIES MCGRAW *166 SERIES	MVOLT	LED 4000K MIN 3000LM MAX 30W	WALL MTD AS NOTED	-VERIFY FINISH WITH ARCHITECT.
EB	0	6' WET LOCATION EXTERIOR DOWNLIGHT	LITHONIA *LDN6-40/20-LO6-AR-LSS-MVOLT -EZI0-XX OR APPROVED EQUAL BY PRESCOLITE OR PORTFOLIO	MYOLT	LED 4000K MIN 2000 LM MAX 25W	RECESSED SOFFIT	-VERIFY TRIM FINISH WITH ARCHITECT -WET LOCATION



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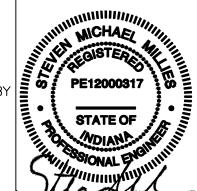
WINFIELD ELEMENTARY ADDITIONS, RENOVATIONS, AND RELATED WORK

CROWN POINT COMMUNITY SCHOOL CORPORATION CROWN POINT, INDIANA

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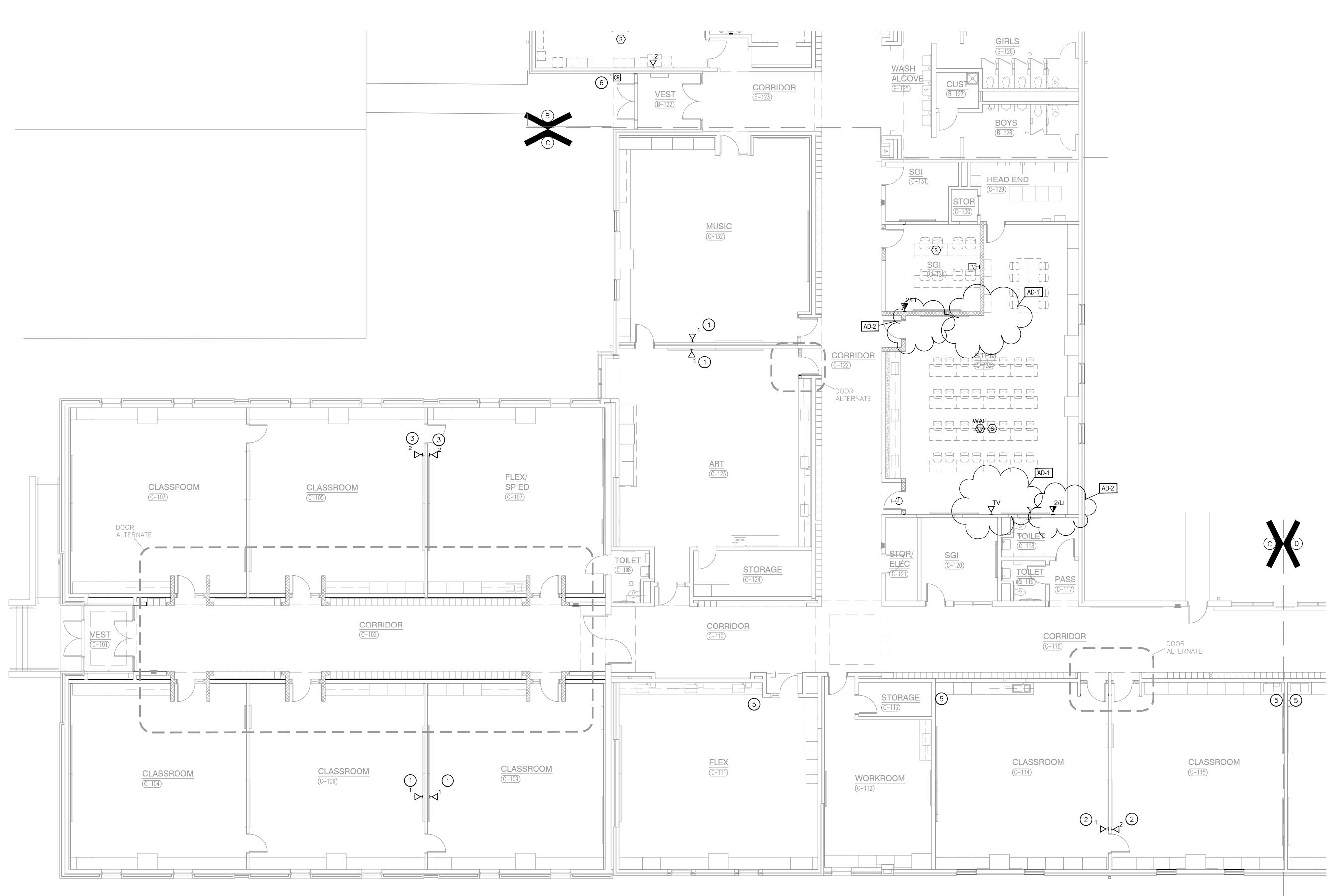
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ELECTRICAL SCHEDULES AND NOTES

WINFIELD ELEMENTARY SCHOOL 2023 ADDITIONS, RENOVATIONS, AND RELATED WORK

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AND RELATED
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CROWN POINT COMMUNITY
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CROWN POINT, INDIANA

FIRST FLOOR KEY PLAN

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AD-2	4/06/23	ADDENDUM NO. 2		

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UNIT "C"
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FIRST FLOOR PLAN

PROJECT
WINFIELD ELEMENTARY SCHOOL
2023 ADDITIONS, RENOVATIONS,
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