ADDENDUM NO. 4

October 31, 2024

TRI-COUNTY SCHOOL CORPORATION - PRIMARY SCHOOL AND INTERMEDIATE SCHOOL ADDITIONS AND RENOVATIONS
Wolcott, IN 47995

TO: ALL BIDDERS OF RECORD

This Addendum forms a part of and modifies the Bidding Requirements, Contract Forms, Contract Conditions, the Specifications, and the Drawings dated October 1, 2024 by Gibraltar Design. Acknowledge receipt of the Addendum in the space provided on the Bid Form. Failure to do so may subject the Bidder to disqualification.

This Addendum consists of pages ADD 4-1 through ADD 4-2 and attached Addendum 4 from Gibraltar Design dated October 30, 2024 and consisting of 5 pages, Added Specification Section 27 51 23 - School Intercommunications System, and 13 Drawings.

A. SPECIFICATION SECTION 00 20 00 - TABLE OF CONTENTS

1. **Add:**

Specification Section 27 51 23 - School Intercommunications System

B. SPECIFICATION SECTION 01 12 00 - MULTIPLE CONTRACT SUMMARY

Under 3.03 Bid Categories

A. **BID CATEGORY NO. 01 - GENERAL TRADES**

1. **Add:**

Clarification No. 20:
The Bid Category No. 1 Contractor is responsible to provide temporary wall support, as necessary, for the existing corridor and divider walls in majority of the Primary School until the new ceiling system is installed and the walls are attached accordingly.

I. BID CATEGORY NO. 9 - ELECTRICAL

1. **Add:**

Specification Section 27 51 23 - School Intercommunications System

ADDENDUM FOUR

Addendum Four (AD.04) to the drawings and specifications prepared by Gibraltar Design for **Tri-County School Corporation - Primary School and Intermediate School Additions and Renovations** for Tri-County School Corporation, Wolcott, Indiana.

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

SPECIFICATIONS

1. **Specification Section 00 01 10 Table of Contents**
   A. Add the following Specification Section to the Table of Contents: Section 27 51 23, School Intercommunications System.
2. **Specification Section 04 20 00 Unit Masonry**
   A. Revise Paragraph 2.6. as follows:

   "2.6 Brick Units

   A. Face Brick: Vitrified fire clay or shale type brick, ASTM C216, Standard Modular size, as approved by the Architect and Owner from required samples. Intent is to match the existing brick veneers at both the Primary and Intermediate Schools.

   1. Contractor is to provide a brick blend for each school as follows:
      a. Primary School: Provide Bowerston, Woodsfield Blend with 5% of brick veneer either stained or fired for black aesthetic appearance.
      b. Intermediate School: Provide McAvoy, Red Vertex Blend brick.
   2. Special Shapes, if required, are to be included in scope under base bid."
3. **Specification Section 27 51 23 School Intercommunications Systems**
   A. Add Specification Section 27 51 23, School Intercommunications Systems, included in this Addendum, to the Project Manual

CLARIFICATIONS – PRIMARY SCHOOL

1. **The existing corridor and divider walls in the majority of the Primary School are a metal demountable wall system and are attached to the ceiling grid system. Contractor is to utilize due care in removal of the existing ceiling system and provide temporary wall support as necessary until the new ceiling system is installed and the walls are re-attached accordingly.**

DRAWINGS – PRIMARY SCHOOL

Refer to Revised Full-Size Drawings included in this Addendum for revisions (unless noted that no drawing is attached).

1. **Sheet S-202 (No Drawing Attached)**
   A. Remove Concrete Block Lintel above Door C-102A.
2. **Sheet S-403**
   A. Section 11 – Verbiage updated for intersection between load bearing and no-load bearing walls.
   B. Add section 13.
3. **Sheet A-412**
   A. Modify section 5.
4. **Sheet A-701 & A-702 (No Drawings Attached)**
   A. Add to the Equipment Plan Legend "(CG) Indicated Corner Guard, refer to Finish Legend."
5. **Sheet A-901**
   A. Clarification on Zintra Sticks that are being applied to the Platform Ceiling in the Gym.
6. **Sheet MV101 (No Drawing Attached)**
   A. Extend existing ¾" hot water supply and return piping to new location of VAV-R5 and connect to existing hot water heating coil complete as required.
7. **Sheet EP101 (No Drawing Attached)**
   A. Added General Note D to read as follows: "Division 26 shall provide all rough-ins, conduits, raceways. etc. for the Technology Systems (Voice/Data, Video, Access Control, Security Systems, School Intercommunications Sound Systems). Division 27 and 28 shall provide equipment, devices, jacks/connectors, cabling, etc. for the Technology Systems to provide a complete and operational system. See Technology Drawings for additional work and coordination. Verify and Coordinate exact requirements with Owner, Construction manager and Architect prior to roughing-in.
8. **Sheet EP102 (No Drawing Attached)**
   A. Added General Note F to read as follows: "Division 26 shall provide all rough-ins, conduits, raceways. etc. for the Technology Systems (Voice/Data, Video, Access Control, Security Systems, School Intercommunications Sound Systems). Division 27 and 28 shall provide equipment, devices, jacks/connectors, cabling, etc. for the Technology Systems to provide a complete and operational system. See Technology Drawings for additional work and coordination. Verify and Coordinate exact requirements with Owner, Construction manager and Architect prior to roughing-in.
9. **Sheet E-601**
   A. Added circuits in Panel LBR3 and LA-2 and clarified Panel LBR3 rating.
   B. Updated magnetic door hold open symbol connected to fire alarm control panel.
   C. Revised electrical single line diagram: Clarified panel names and added load evaluation of existing Panel "LA".

10. Sheet T-101 (No Drawing Attached)

A. Added General Note D to read as follows: "Division 26 shall provide all rough-ins, conduits, raceways. etc. for the Technology Systems (Voice/Data, Video, Access Control, Security Systems, School Intercommunications Sound Systems). Division 27 and 28 shall provide equipment, devices, jacks/connectors, cabling, etc. for the Technology Systems to provide a complete and operational system. See Technology Drawings for additional work and coordination. Verify and Coordinate exact requirements with Owner, Construction manager and Architect prior to roughing-in.

11. Sheet T-102 (No Drawing Attached)

A. Added General Note B to read as follows: "Division 26 shall provide all rough-ins, conduits, raceways. etc. for the Technology Systems (Voice/Data, Video, Access Control, Security Systems, School Intercommunications Sound Systems). Division 27 and 28 shall provide equipment, devices, jacks/connectors, cabling, etc. for the Technology Systems to provide a complete and operational system. See Technology Drawings for additional work and coordination. Verify and Coordinate exact requirements with Owner, Construction manager and Architect prior to roughing-in.

12. Sheet T-601

A. Revised UPS note to be provided by others.

B. Updated MDF/IDF Layout Detail to include (2) separate duplex receptacle requirements.

DRAWINGS – INTERMEDIATE SCHOOL

Refer to Revised Full-Size Drawings included in this Addendum for revisions (unless noted that no drawing is attached).

1. Sheet S-412

A. Section 1 has been modified.

2. Sheet AD103

A. Added Note 5 area to EC-112.

3. Sheet A-203 (No Drawing Attached)

A. On Detail 1/A-203, change "Metal Panel Siding" to "Architectural Composite Metal Panel".

4. Sheet A-310 (No Drawing Attached)

A. Change Note 9 from "Metal Panel Siding" to "Architectural Composite Metal Panel".

5. Sheet A-410

A. Changed Soffit Framing Size to 4" Cold Formed Metal Framing on Wall Sections 1 and 2/A-410.

B. Wall Sections 1 and 2/A-410, change "Metal Panel Siding" to "Architectural Composite Metal Panel".

6. Sheet A-411

A. Modified Soffit Framing Size to 3-5/8" Cold Formed Metal Framing on Wall Sections 3 and 4/A-410.

7. Sheet A-412

A. Modified Soffit Framing Size to 3-5/8" Cold Formed Metal Framing on Wall Sections 1/A-410.

8. Sheet E-201 (No Drawing Attached)

A. Revise General Note 3 to read as follows: "Division 26 shall provide all rough-ins, conduits, raceways. etc. for the Technology Systems (Voice/Data, Video, Access Control, Security Systems, School Intercommunications Sound Systems). Division 27 and 28 shall provide equipment, devices, jacks/connectors, cabling, etc. for the Technology Systems to provide a complete and operational system. See Technology Drawings for additional work and coordination. Verify and Coordinate exact requirements with Owner, Construction manager and Architect prior to roughing-in.

9. Sheet E-202 (No Drawing Attached)

A. Revise General Note 3 to read as follows: "Division 26 shall provide all rough-ins, conduits, raceways. etc. for the Technology Systems (Voice/Data, Video, Access Control, Security Systems, School Intercommunications Sound Systems). Division 27 and 28 shall provide equipment, devices, jacks/connectors, cabling, etc. for the Technology Systems to provide a complete and operational system. See Technology Drawings for additional work and coordination. Verify and Coordinate exact requirements with Owner, Construction manager and Architect prior to roughing-in.

10. Sheet ED203

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

1. Noting to remove another exterior lighting fixture to accommodate the new construction.
2. Noting to relocate the existing bell to accommodate the new construction.

11. Sheet E-203

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

1. Revise General Note 3 to read as follows: "Division 26 shall provide all rough-ins, conduits, raceways. etc. for the Technology Systems (Voice/Data, Video, Access Control, Security Systems, School Intercommunications Sound Systems). Division 27 and 28 shall provide equipment, devices, jacks/connectors, cabling, etc. for the Technology Systems to provide a complete and operational system. See Technology Drawings for additional work and coordination. Verify and Coordinate exact requirements with Owner, Construction manager and Architect prior to roughing-in.
2. Added relocated bell.

12. Sheet T-103

A. Added Cameras.

Pages 1 through 5, inclusive, Specification Section 27 51 23; and Thirteen (13) Full-Size Drawings, constitute the total makeup of **Addendum Four**.

GIBRALTAR DESIGN

Joseph P. Briggs

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SECTION 27 51 23
SCHOOL INTERCOMMUNICATIONS SYSTEMS

1 General

1.1 General

A. The provisions of Section 27 05 01 apply to the work in this Section and are part of these specifications.

1.2 Summary

A. Section Includes:

1. Expansion of school intercommunications sound system to serve Tri County school additions.

1.3 Related Sections:

1. Section 27 05 01 - Basic Communication Systems Requirements.

1.4 Products Furnished But Not Installed Under This Section

A. Intercommunications system enclosures, enclosure supports, backboxes, and cabinets.

B. Furnish the items listed in Paragraph 1.2 B. to the Contractor responsible for Section 27 05 00 for installation by that Contractor.

1.5 Scope Of Work

A. Provide all labor, materials and equipment required to extend existing system to provide a complete and operational school intercommunications sound system throughout Tri County Schools as indicated in the Contract Documents.

B. Instruct the Owner's representatives in the correct operation of the new system.

1.6 System Description

A. The contractor shall furnish and install all equipment, accessories, and materials in accordance with these specifications and drawings to provide a extend the existing school communications system including but not limited to:

1. 25/70-volt speaker(s), ceiling-mounted, wall-mounted, and paging horns

    1) Ceiling Mounted Speakers: CSD2X2U Drop-In Ceiling Speaker

    2) Ceiling Mounted Speakers: S810T725PG8U Ceiling Speaker

3) Wall Baffle Speakers: MB8TSQ/SL Metal Box Speaker

1.7 Safety / Compliance Testing

A. The communications system and its components shall, where applicable, bear the label of a Nationally Recognized Testing Laboratory (NRTL), such as Environmental Technology Laboratory (ETL), and shall be listed by their re-examination service. All work must be completed in strict accordance with all applicable electrical codes, under direction of a qualified and factory-approved contractor, and to the approval of the owner.

1.8 In-Service Training

A. The contractor shall provide a minimum of eight hours of in-service training with this system. These sessions shall be broken into segments, which will facilitate the training of individuals in the operation of this system. User Guides shall be provided at the time of this training.

1.9 Wiring

A. System wiring and equipment installation shall be in accordance with generally-accepted engineering best practices as established by the EIA and the NEC. Wiring shall meet all state and local electrical codes. All wiring shall be tested to be free from grounds and shorts.

B. All system wiring shall be labeled at both ends of the cable. All labeling shall be based on the room numbers as indicated in the architectural graphics package.

C. Wiring shall be done per manufacturer's recommendation (Cat 5 or West Penn #357) depending on speaker type. All terminal connections are to be on barrier strips.

1.10 Protection

A. The contractor shall provide all necessary transient protection on the AC power feed and on all station lines leaving or entering the building.

B. The contractor shall note on their system drawings, the type and location of these protection devices and all wiring information. Such devices are not to be installed above the ceiling.

1.11 Service and Maintainance

A. The contractor shall provide a five-year equipment hardware warranty of the installed system against defects in material and workmanship. All materials shall be provided at no expense to the owner during normal working hours. The warranty period shall begin on 1st of the month following the date of shipment.

B. The contractor shall, at the owner's request, make available a service contract offering continuing factory authorized service of this system after the initial hardware and software warranty periods.

C. System shall include software maintenance that includes bug fixes and new feature releases for a period of six years.

D. The system manufacturer shall maintain engineering and service departments capable of rendering advice regarding installation and final adjustment of the system.

1.12 System Performance

A. System is to be capable of reproducing program material at a sound pressure level of 80 to 85 dBA without audible distortion measured at 4 feet above the floor and directly below a typical system loudspeaker.

B. System sound pressure level is not to vary more than plus or minus 2.0 dB between one system loudspeaker on and all system loudspeakers on.

2 Products

2.1 Single Source Responsibility

A. Except where specifically noted otherwise, all equipment supplied shall be the standard product of a single manufacturer of known reputation and a minimum of 20 years of experience in the industry. The supplying contractor shall have attended the manufacturer's installation and service training classes. A certificate of this training shall be provided with the contractor's submittal.

2.2 Acceptable Manufacturers and Equipment

A. Manufacturers, subject to compliance with requirements specifications, provide the following system:

1. Bogen Nyquist E7000 Series Educational System manufactured by Bogen Communications, Inc.

2. Equivalent sysystems by other manufacturer approved by the Architect.

3. System Accessories, Volume Controls, Loudspeakers, Stations, and Cables: Manufacturers specifically indicated in this Section.

4. Approved equals under provisions of Divisions 00 and 01.

B. The intent is to establish a standard of quality, function, and features. It is the responsibility of the contractor to ensure that the proposed product meets or exceeds every standard set forth in these specifications.

C. The functions and features specified are vital to the operation of this facility; therefore, inclusion in the list of acceptable manufacturers does not release the contractor from strict compliance with the requirements of this specification.

2.3 System Equipment

A. Nyquist NQ-T1000 Staff VoIP Phone – LCD Display (Staff Station)

1. Nyquist Staff Station shall have the following features:

   a. 132 x 64-pixel graphical LCD with backlight

   b. Two-port 10/100M Ethernet Switch

   c. Full-duplex hands-free speakerphone with AEC

   d. Call hold, mute

   e. Redial, call return, auto answer

   f. PoE (802.3af) Class-3 support

   g. Dual-color (red or green) illuminated LEDs for line status information

   h. Two 10/100M Ethernet ports

   i. Wall or desk mountable

2. The classroom Staff Station shall be capable of the following features depending on how the station CoS is configured:

   a. Emergency intercom call – Staff Stations shall be capable of making an Emergency intercom call, which is then routed to the assigned Admin Station. This requires the display of the architectural number and call in level on the Admin Station. Systems that do not provide this feature are not equivalent.

   b. Speed dial

   c. Toggle audio distribution on and off

   d. Call Forward activation and deactivation for All-Calls/Busy/No Answer/Busy or No Answer

   e. Conference Calling

   f. Transfer Call

   g. Dial Administrative station– Staff Stations can allow the user to dial the station number to call to the Admin phone or its associated speaker. The call shall be routed to the Admin Station showing the architectural number that is calling.

   h. Emergency All-Call – An emergency page shall be broadcasted to all the stations in the facility.

   i. Place Outside Call

   j. Remote Answer

k. Single-Zone/All-Station Page

l. Call Waiting Tone for Outside Calls – It shall be possible to feed the call waiting tone to the Administrative Phone during a conversation.

m. Transfer call from VoIP speaker in classroom down to an associated Staff Station

n. Transfer call from analog speaker in classroom down to an associated Staff Station

o. Transfer call from VoIP Staff Station in classroom up to an associated VoIP speaker

p. Transfer call from Staff Station in classroom up to an associated analog speaker

B. Nyquist NQ-S1810CT VoIP Ceiling Speaker with Talkback and NQ-S1810WT VoIP Wall Baffle Speaker with Talkback

1. The VoIP speakers shall not require traditional intercom wiring or transformer taps to manually set or adjust volume. Simply connecting them via Cat 5 to a PoE Switch or PoE Injector on the system's network should allow them to be ready to program into the system. Volume is controlled via the Nyquist Web UI. All Nyquist audio appliances shall use a wideband Opus codec for Audio Distribution. Use of the Opus codec, along with G.722, allows for High Definition audio. Nyquist VoIP speakers shall be equipped with a digital MEMS microphone to achieve superior talkback audio. VoIP Speakers that utilize the speaker as the microphone shall not be considered equal.

2. The NQ-S1810WT VoIP Wall Baffle Speaker with Talkback design facilitates mounting the speaker up to four different ways:

a. 2x2 Wall Mount

b. Box Mount

c. Corner Mount

d. Tilted Mount

3. The VoIP Speakers provide CAN Bus 2.0 Interface support for the NQ-E7020 DCS.

4. The VoIP Speakers shall be PoE IEEE 802.3af compliant. VoIP speakers may be placed up to 100 meters (328 Feet) from a PoE switch or PoE Injector.

5. Software provides adjustable audio output level.

6. DHCP with Option 66 is supported for easy network deployment.

7. The VoIP Speakers provide VLAN support.

8. The VoIP Speakers are pre-assembled for faster installation.

9. Each VoIP Speaker includes a10 Watt integrated power amplifier.

10. Each VoIP Speaker has a digital MEMS microphone to support talkback.

C. Nyquist NQ-E7020 Digital Call Switch

1. The Nyquist DCS has been exclusively designed for use with Nyquist appliances equipped with a CAN Bus 2.0 Interface. The CAN Bus 2.0 interface provides power and signal, and multiple DCSs can connect to each CAN Bus 2.0 interface. The DCS fits into a Single Gang/ Low Voltage installation using standard 'decora-plate' covers (supplied).

2. The DCS is a capacitive touch button design, so it doesn't have any moving parts to wear out. The behavior of this switch is software definable. Systems that require membrane or mechanical rocker style call switches that can wear out over time shall not be acceptable.

3. Normal call initiation involves touching the DCS one time. When a user touches the button on the DCS once, one of the three LED segments will light up green, a normal call will be placed, and the light will start blinking green. This is the indication that the Normal call has been placed to the VoIP Admin Phone or to a group of VoIP Admin Phones and that the phone or phones are ringing.

4. Urgent call initiation involves touching the DCS one time. When a user touches the button on the DCS once, one of the three LED segments will light up yellow, an Urgent call will be placed, and the light will start blinking yellow. This is the indication that the Urgent call has been placed to the VoIP Admin Phone or to a group of VoIP Admin Phones.

5. Emergency call initiation involves touching the DCS one or three times depending on station programming. When a user touches the button on the DCS once or three times within three seconds, all three LED segments will light up red, an Emergency call will be placed, and the light will start blinking red. This is the indication that the Emergency call has been placed to the VoIP Admin Phone or to a group of VoIP Admin Phones.

6. Single Press Emergency Call, if programmed, involves touching the DCS one time. When a user touches the button once, all three LED segments will light up red on the DCS, an Emergency call will be placed, and the light will start blinking red. This is the indication that the Emergency call has been placed to the VoIP Admin Phone or to a group of VoIP Admin Phones.

7. Normal and Urgent calls can easily be upgraded to an Emergency call after the DCS is flashing by touching the button on the DCS one time. The Normal or Urgent call will be canceled and an Emergency call will be placed.

8. Privacy Mode – Pressing and holding the button on the DCS for four seconds will place the speaker into Privacy Mode. As the user continually touches the DCS button, all LED segments will turn purple; when all three LED segments are lit purple, the speaker is in Privacy Mode. If a call comes into the classroom when the station is in Privacy Mode, the microphone will be disabled; the user in the classroom can touch the DCS once and it will allow talkback. Once the call ends, the classroom will need to manually return the speaker into Privacy Mode, if desired. The user can disable Privacy Mode without placing a call by pressing and holding the button on the DCS for four seconds. As the user continually touches the DCS, all LED segments will turn blue. When all three LED segments are lit blue, the speaker is no longer in Privacy Mode. Systems that require mechanical or membrane switches to achieve Privacy Mode shall not be considered equal.

9. The colors specified above are created by three RGB full spectrum LED segments to provide installers and users with visual status and feedback when installing and using the DCS. When the DCS is being installed and the power is connected before the signal, the LED will light red. It will also light red if the speaker in the classroom stops communicating with the Nyquist Server, indicating a problem with the station.

10. In addition to providing visual call status indications, a call confirmation audio file shall be played on the associated loudspeaker when a call is placed via a DCS. The three call-in levels shall have distinct audio confirmation messages:

    a. Call Placed

    b. Urgent Call Placed

    c. Emergency Call Placed

11. Emergency Link Transfer – If an Emergency call is unanswered by the VoIP Admin Phone and the Emergency Link Transfer is active, the Emergency call will be forwarded to the loudspeaker associated with the Emergency Link Station. Any station equipped with a loudspeaker can be programmed as the Emergency Link Station. Systems that do not provide Emergency Link Transfer shall not be considered equal.

2.4 System Capabilities

1. There shall be an option to play a pre-announce tone at any loudspeaker selected for voice paging.

2. There shall be a voice-intercom feature that is accessible by CoS authorized staff phones, all Admin VoIP phones, and Admin Web UIs.

    a. There shall be a privacy beep played every 15 seconds at any selected loudspeaker to indicate that an intercom call is in progress.

    b. There shall be a pre-announce tone played at any selected loudspeaker for intercom call communication.

c. For special applications, the privacy and pre-announce tone signals shall be capable of being disabled during system initialization.

d. There shall be a switch over to private telephone communications should the person at the classroom loudspeaker pick up his or her Staff Station and dial *3 to transfer the call down to the associated classroom Staff Station.

3. Staff Stations

a. Staff Stations shall receive a dial tone upon going off-hook. Outgoing calls are made by dialing the desired station. Incoming calls can be directed to the telephone or to the associated loudspeaker for a hands-free reply. There shall be a switchover from loudspeaker to private telephone communication when a person picks up the handset, dials *3, and presses Enter/OK.

b. Staff Stations shall be programmable for any type of system access, provided by or restricted by the following CoS options:

1) Call-in Level

2) Zone Paging

3) All-Call Paging

4) Emergency All-Call

5) Inter-Facility Call/Page

6) Audio Distribution

7) Remote Pickup

8) Join Conversation

9) Call Forwarding

10) Walking Class of Service

11) External Call Routing

12) Call Transfer/3-way Calling

13) Manually Activate Tone Signals

14) Call Any Station

15) Manage Recordings

16) Monitor Calls

17) Monitor Locations

18) Conference Admin

19) Conference User

20) Voicemail

21) Record Calls

22) Activate Alarm Signals

23) Disable Audio

24) Enable Audio

25) Allow Callee Auto-answer

26) District Paging

27) Inter-Facility Features

28) Manage Output Contacts

c. Staff Stations shall be able to make a Normal call to any Admin Station by dialing the Admin Station's extension number. Staff Stations shall also be able to initiate an Emergency Call by dialing ****. Emergency Calls shall ring the Designated Day/Night Admin Station. The system shall provide for each station to have a Personal Identification Number (PIN). By dialing the PIN at any system telephone, the administrator shall have access to Emergency paging regardless of the restrictions on the particular phone being used.

2.5 System Volume Controls

A. Volume Control: Attenuator for speaker line type provided. Control to include white plastic or brushed stainless steel wall pate with setting markings. Power rating shall be as required for the indicated application.

B. Surface Ceiling Mounted Loudspeaker Assembly:

1. Loudspeaker: Loudspeaker shall be as previously specified in this section.

2. Loudspeaker Enclosure: 12 3/4 inches by 12 3/4 inches by 4 inches deep, designed to contain 8 inch diameter loudspeakers and provide back pressure relief, and undercoated to eliminate resonance. Constructed of steel with baked white enamel finish. Provide one unit for each surface mounted loudspeaker; Atlas Sound Model SM191-78, Lowell Model CB84, or approved equal.

3. Baffle: Designed to properly mount 8 inch diameter loudspeakers. Constructed of 20 gage steel with baked white enamel finish. Provide one unit for each surface mounted loudspeaker; Atlas Sound Model 164-8A, Lowell Model JG-8X, or approved equal.

2.6 Sound System Cables

A. The catalog numbers used constitute the type and quality of cable to be provided. Belden, Carol, Dukane, Manhattan, Mohawk, Paige, Signal Cable, Tappan, and West Penn Wire are approved cable manufacturers.

B. System Cables:

1. System cables shall be as specified and/or required by the system manufacturer.

2. Cables installed in non-plenum spaces without raceway may be rated NFPA 70 Article 725 Type CL2 were permitted by applicable codes.

3. Cables installed in plenum spaces without raceway shall be plenum rated per NFPA 70 Article 725 Type CL2P:

2.7 Keys

A. Provide to the Owner a minimum of four (4) complete sets of keys for all system equipment and cabinets. This shall include, but not be limited to, keys for equipment cabinets and terminal cabinets.

3 Execution

3.1 Examination

A. Examine conditions, with the installer present, for compliance with requirements and other conditions affecting the performance of the Nyquist E7000 Series Educational System.

B. Do not proceed until unsatisfactory conditions have been corrected.

3.2 Equipment Manufacturer's Representative

A. All work described herein to be done by the manufacturer's authorized representative shall be provided by a documented factory authorized representative of the basic line of equipment to be utilized.

B. As further qualification for bidding and participating in the work under this specification, the manufacturer's representative shall hold a valid C-10 Contractor's License issued by the Contractor's State License Board of [your state]. The manufacturer's representative shall have completed at least 10 projects of equal scope, giving satisfactory performance, and shall have been in the business of furnishing and installing sound systems of this type for at least five years. The manufacturer's representative shall be capable of being bonded to ensure the owner of performance and satisfactory service during the guarantee period.

C. The manufacturer's representative shall provide a letter with submittals from the manufacturer of all major equipment stating that the manufacturer's representative is an authorized distributor. This letter shall also state that the manufacturer guarantees service performance for the life of the equipment and that there will always be an authorized distributor assigned to service the area in which the system has been installed.

D. The contractor shall furnish a letter from the manufacturer of the equipment. This letter shall certify that the equipment has been installed according to factory intended practices, that all the components used in the system are compatible, and that all new portions of the systems are operating satisfactorily. Further, the contractor shall furnish a written unconditional guarantee, guaranteeing all parts and all labor for a period of five years after final acceptance of the project by the owner.

3.3 Installation

A. Refer to Sections 27 05 00 and 27 05 01 for additional installation and wiring requirements.

B. Cabling:

1. Provide a separate loudspeaker cable to each loudspeaker or group of loudspeakers in a room, to each exterior loudspeaker, and to each group of loudspeakers in corridors.

2. Connect restroom speakers to the adjacent corridor speaker circuits.

3.4 System Adjustments, Tests And Measurements

A. General:

1. Perform all equipment and system adjustments, tests, and measurements specified in the Contract Documents. Perform the specified adjustments, tests, and measurements to each system specified in this Section unless otherwise noted in the Contract Documents. Testing is the sole responsibility of this Contractor.

2. Make measurements at the Contractor's facilities or the project site. Manufacturer published specification data or curves and measurements of typical models are not considered as meeting the requirement of these specifications.

B. Adjustments, Tests and Measurements:

1. Adjust system controls to obtain the specified system operation and performance.

2. Adjust system for optimum signal-to-noise ratio and headroom of the system electronics.

3.5 Instruction and Training

A. Provide complete “in service" instructions of system operation to school personnel. Assist in programming of telephone system.

B. Arrange two instruction and training sessions separate a minimum of two (2) weeks apart for the specified system. Each session is to be a minimum of four (4) hours in length. Each training session is to be broken into segments to facilitate the training of the Owner's representatives in the operation of the system.

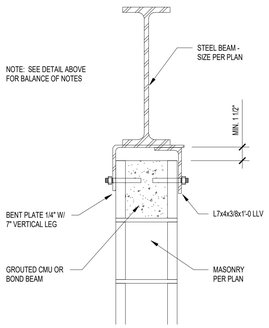
C. On the first school day following installation of the Nyquist System, the contractor shall provide a technician to stand by and assist in system operation.t

3.6 Documentation

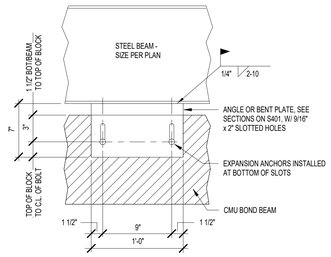
A. Provide the following directly to the Supervisor of Technology Services:

1. One printed copy of all field programming for all components in system
2. One copy of all diagnostic software with a copy of field programming data for each unit
3. One copy of all field wiring runs, location, and end designation of system

END OF SECTION



SECTION



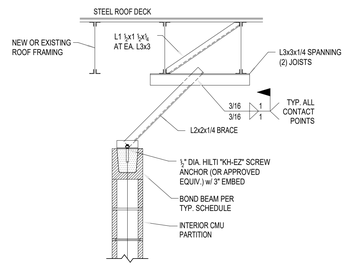
ELEVATION

NOTES:

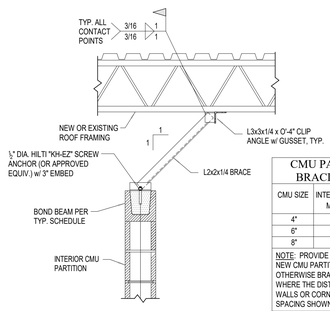
1. ALL EXPANSION ANCHORS ARE 1/2" DIA. x 4" HILTI SLEEVE ANCHORS (ALLOW. TEN. = 610 LBS., ALLOW SHEAR=910 LBS.).
2. EQUIVALENT SLEEVE ANCHORS MAY BE SUBSTITUTED WITH APPROVAL.
3. TORQUE ANCHOR TO 30 FT.-LB. THEN BACK OFF ONE TURN AND FOUL THREADS, OR DOUBLE NUT.
4. VERTICAL LEG OF ANGLE SHALL BE PAINTED, HORIZONTAL LEG SHALL BE UNPAINTED.
5. ANGLE/PLATE SPACING SHALL BE 48" O.C. U.N.O.
6. VERTICAL LEG OF ANGLE AND PLATE SHALL BUTT TIGHT AGAINST MASONRY.

NOTE: PROVIDE THIS DETAIL WHERE DISTANCE BTWN. INTERSECTING WALL, PILASTER, OR CORNER EXCEEDS 30 x THE NOMINAL WALL THICKNESS. COORDINATE w/ ARCH. FLOOR PLANS

14 CMU LATERAL SUPPORT DETAIL - BEAM
NOT TO SCALE



WALL PARALLEL TO ROOF FRAMING



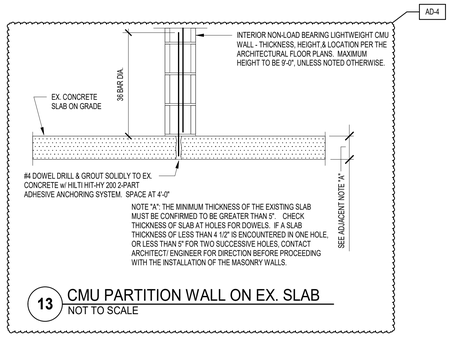
WALL PERP. TO ROOF FRAMING

CMU PARTITION WALL BRACING SCHEDULE

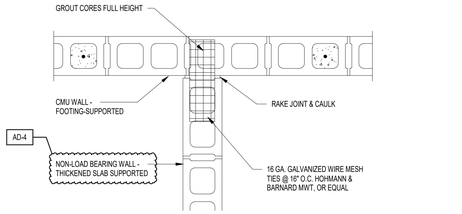
CMU SIZE	INTERSECTING WALL MAX. SPACING	MAX. BRACE SPACING
4"	10'-0"	4'-0"
6"	15'-4"	6'-0"
8"	18'-0"	6'-0"

NOTE: PROVIDE BRACING AS SHOWN FOR ALL NEW CMU PARTITION WALLS (WHICH ARE NOT OTHERWISE BRACED AT TOP) AT ALL LOCATIONS WHERE THE DISTANCE BETWEEN INTERSECTING WALLS OR CORNERS EXCEEDS THE MAXIMUM SPACING SHOWN IN THE SCHEDULE.

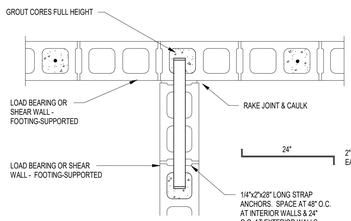
12 CMU PARTITION WALL BRACING DETAIL
NOT TO SCALE



13 CMU PARTITION WALL ON EX. SLAB
NOT TO SCALE

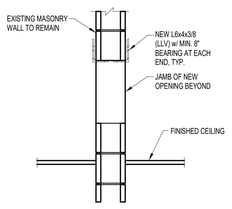


TYP. AT INTERSECTION BETWEEN FOOTING-SUP'TD. AND THICKENED SLAB-SUPPORTED CMU WALLS

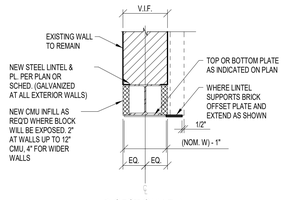


TYPICAL AT INTERSECTION BETWEEN FOOTING-SUPPORTED CMU WALLS

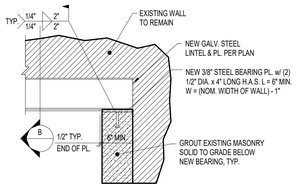
11 WALL INTERSECTION DETAILS
NOT TO SCALE



'C' OPENING ABOVE CEILING < 32" WIDE

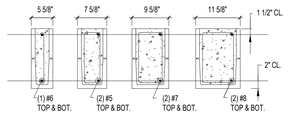


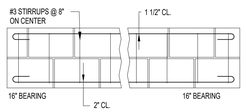
'B' SECTIONVIEW



'A' ELEVATION VIEW

10 NEW LINTELS IN EXISTING WALL
NOT TO SCALE

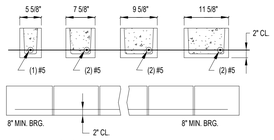




CMU LINTEL NOTES:

1. FILL IS 2,500 PSI (MINIMUM) GROUT.
2. ALL REBARS ARE HOOKED AT THE ENDS.
3. FOR TYPE OF CMU SEE THE SPECS.
4. LINTELS SHALL BEAR ON SOLIDLY GROUTED CMU.
5. THIS SCHEDULE DOES NOT APPLY TO LOAD BEARING WALLS, UNLESS NOTED OTHERWISE.
6. BOND PATTERN OF LINTEL TO BE RUNNING BOND, U.N.O.
7. BOTTOM OF LINTEL SHALL BE SMOOTH MASONRY WITH NO CORES EXPOSED.
8. CONTRACTOR TO PROVIDE TEMPORARY SHORING UNTIL MASONRY HAS PROPERLY SET (3 DAY MINIMUM).

THIS DETAIL APPLIES TO:
1. LOAD BEARING WALLS 4'-0" < OPENING WIDTH < 6'-0".
2. NON-LOAD BEARING WALLS w/ OPENINGS > 8'-0".

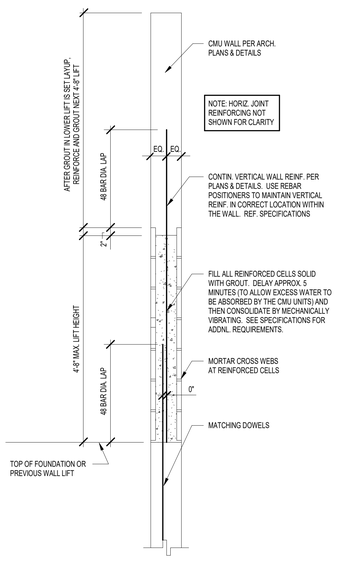


CMU LINTEL NOTES:

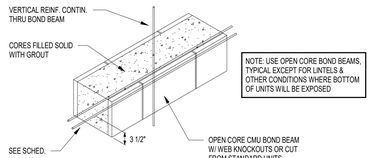
1. FILL IS 2,500 PSI (MINIMUM) GROUT.
2. PROVIDE 1" BRG. PER FOOT OF SPAN WITH 8" MIN.
3. LINTELS SHALL BEAR ON SOLIDLY GROUTED CMU
4. THIS SCHEDULE DOES NOT APPLY TO LOAD BEARING WALLS, UNLESS NOTED OTHERWISE
5. BOND PATTERN OF LINTEL TO BE RUNNING BOND, U.N.O.
6. BOTTOM OF LINTEL SHALL BE SMOOTH MASONRY WITH NO CORES EXPOSED
7. CONTRACTOR TO PROVIDE TEMPORARY SHORING UNTIL MASONRY HAS PROPERLY SET (3 DAY MINIMUM).

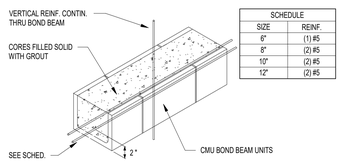
THIS DETAIL APPLIES TO:
1. LOAD BEARING WALLS w/ OPENINGS UP TO 4'-0"
2. NON-LOAD BEARING WALLS w/ OPENINGS UP TO 6'-0".

9 TYPICAL CMU LINTEL DETAILS
NOT TO SCALE



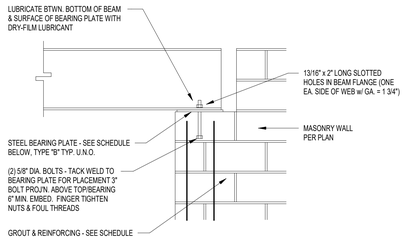
8 LOW-LIFT WALL CONSTRUCTION
NOT TO SCALE





SCHEDULE	
SIZE	REINF.
6"	(1) #5
8"	(2) #5
10"	(2) #5
12"	(2) #5

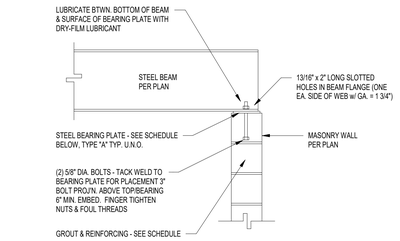
7 CMU BOND BEAM DETAILS
NOT TO SCALE



BEAM PARALLEL TO WALL

BEARING PLATE SCHEDULE

MARK	BEARING PLATE SIZE	GROUT REQUIREMENTS	REINFORCING
B	1/2 x 6 1/2 x 1'-0	GROUT SOLID TO FTG. x 24" LONG	2 VERTICALS FULL HEIGHT OF WALL. SEE PLANS & DETAILS FOR SIZE.

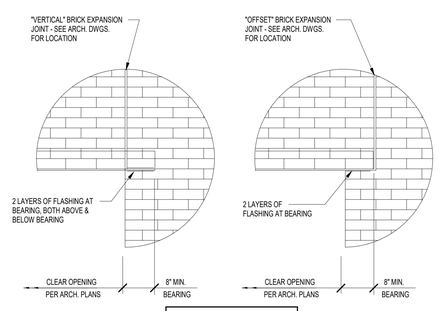


BEAM PERPENDICULAR TO WALL

BEARING PLATE SCHEDULE

	BEARING PLATE SIZE	GROUT REQUIREMENTS	REINFORCING
A	3/4 x 6 1/2 x 1'-0	MIN. 3 COURSES DEEP x 24" LONG	NONE UNLESS LOCATED AT DISCONTIN. END OF WALL. EXTEND GROUT FULL HT. & REINF. SIM. TO MARK "B"

6 BEAM BEARING PLATE DETAILS
NOT TO SCALE

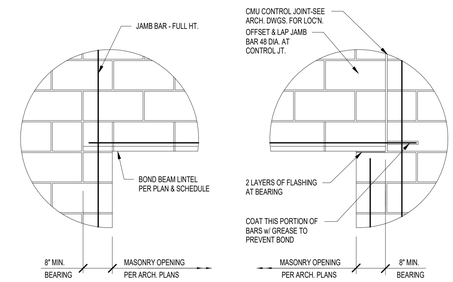


NOTE: LIMESTONE LINTELS ARE SIMILAR.

AT "VERTICAL" BRICK EXPANSION JOINT

AT "OFFSET" BRICK EXPANSION JOINT

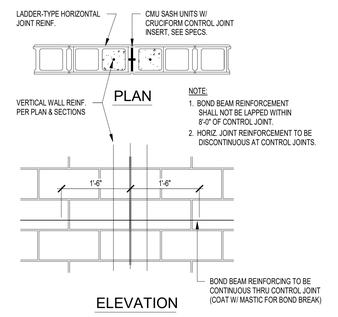
5 LINTEL BEARING DETAILS
NOT TO SCALE



NOT AT CONTROL JOINT

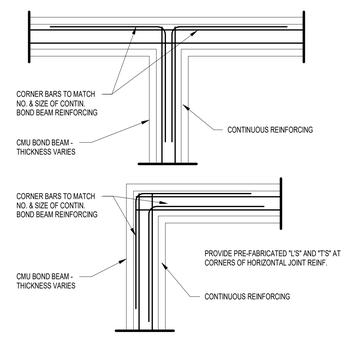
AT CONTROL JOINT

4 BOND BEAM BEARING DETAILS
NOT TO SCALE

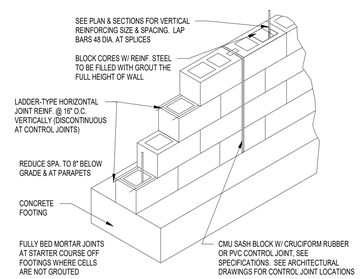


ELEVATION

3 CMU CONTROL JOINT DETAIL
NOT TO SCALE



2 BOND BEAM INTERSECTION DETAILS
NOT TO SCALE



1 REINFORCED MASONRY DETAIL
NOT TO SCALE

GIBRALTAR DESIGN
ARCHITECTURE · ENGINEERING · INTERIOR DESIGN

PROJECT:

TRI-COUNTY PRIMARY SCHOOL - ADDITIONS AND RENOVATIONS

TRI-COUNTY SCHOOL CORPORATION
WOLCOTT, INDIANA

GIBRALTAR DESIGN
9102 N. Meridian St., Ste. 300
Indianapolis, IN 46260
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Phone 317.580.5777 Fax 317.580.5778

PROJECT
24-116
DATE
10/01/2024
COORDINATED BY
NHF
DRAWN BY
NHF
CHECKED BY
SAC

SCOTT A. CLOSE — 17TH MINISTERIAL — PE10606154 — STATE OF INDIANA — PROFESSIONAL ENGINEER

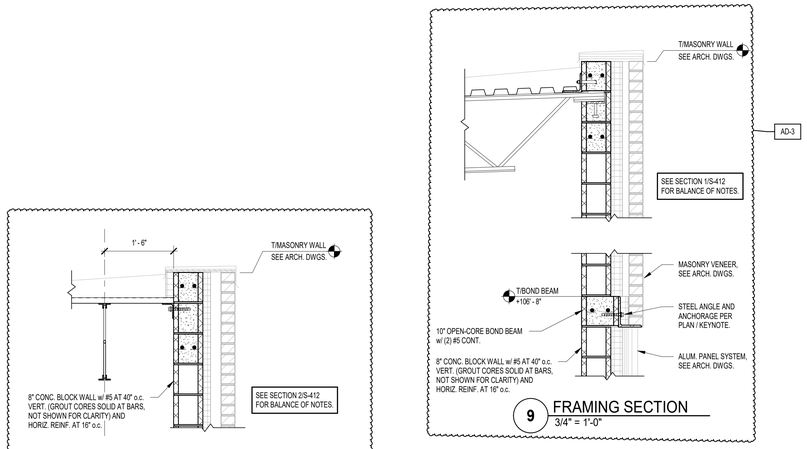
REVISIONS

MARK	DATE	ISSUED FOR
AD-4	10.30.2024	ADDENDUM #4

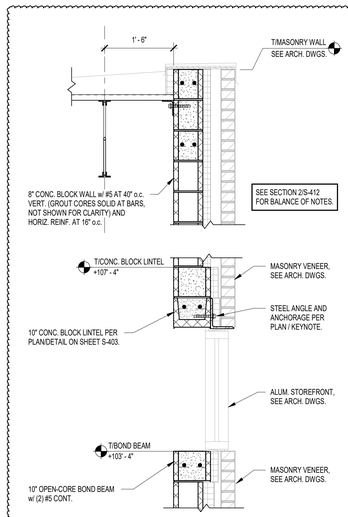
DRAWING
TYPICAL MASONRY DETAILS

PROJECT
TRI-COUNTY PRIMARY SCHOOL - ADDITIONS AND RENOVATIONS

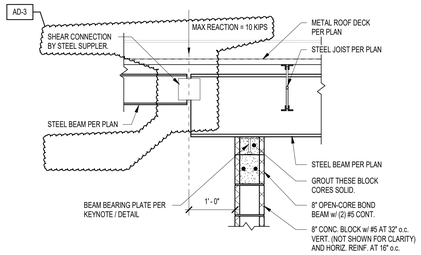
SHEET
S-403



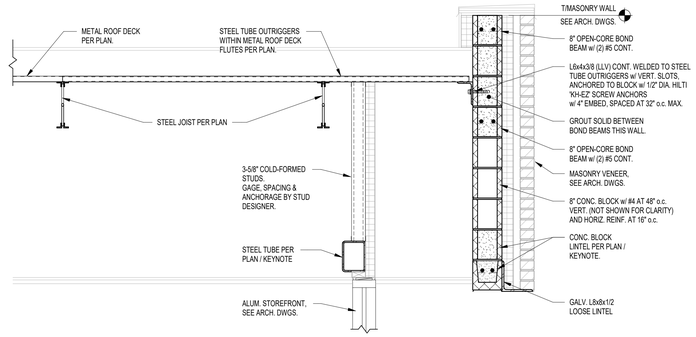
9 FRAMING SECTION
3/4" = 1'-0"



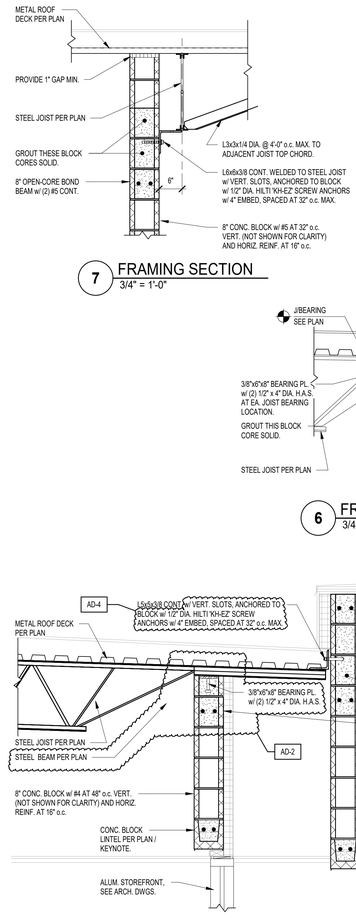
12 FRAMING SECTION
3/4" = 1'-0"



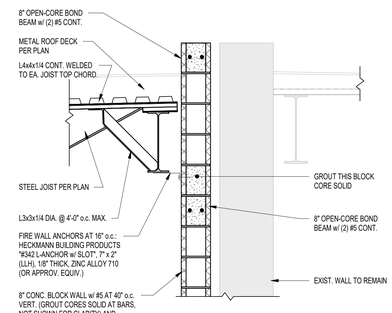
8 FRAMING SECTION
3/4" = 1'-0"



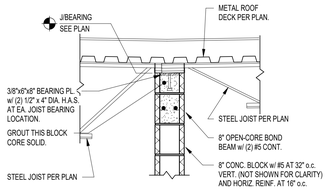
4 FRAMING SECTION
3/4" = 1'-0"



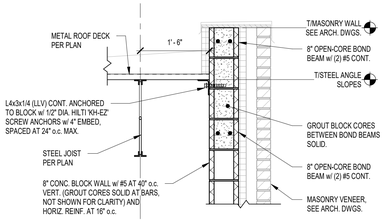
7 FRAMING SECTION
3/4" = 1'-0"



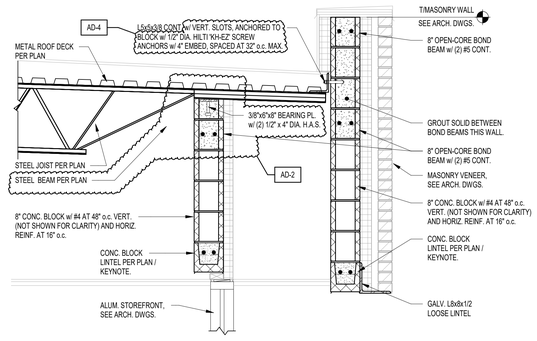
3 FRAMING SECTION
3/4" = 1'-0"



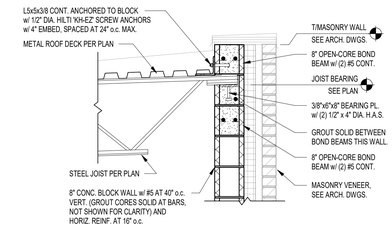
6 FRAMING SECTION
3/4" = 1'-0"



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



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



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

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

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

GIBRALTAR
DESIGN
ARCHITECTURE · ENGINEERING · INTERIOR DESIGN

PROJECT:

TRI-COUNTY PRIMARY SCHOOL - ADDITIONS AND RENOVATIONS

TRI-COUNTY SCHOOL CORPORATION
WOLCOTT, INDIANA

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PROJECT
24-116
DATE
10/01/2024
COORDINATED BY
NHF
DRAWN BY
NHF
CHECKED BY
SAC

SCOTT A. CLORE
REGISTERED
PE10606154
STATE OF
INDIANA
PROFESSIONAL ENGINEER

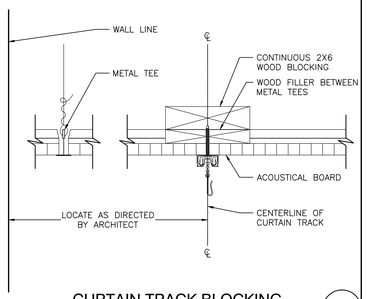
REVISIONS

MARK	DATE	ISSUED FOR
AD-2	10.11.2024	ADDENDUM #2
AD-3	10.23.2024	ADDENDUM #3
AD-4	10.30.2024	ADDENDUM #4

DRAWING
STRUCTURAL FRAMING SECTIONS

PROJECT
TRI-COUNTY PRIMARY SCHOOL - ADDITIONS AND RENOVATIONS

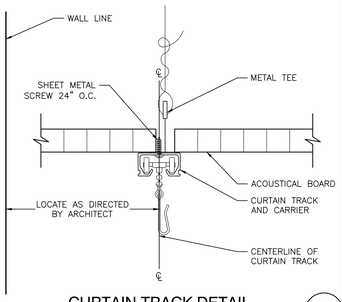
SHEET
S-412



CURTAIN TRACK BLOCKING

SCALE: 3" = 1'-0"

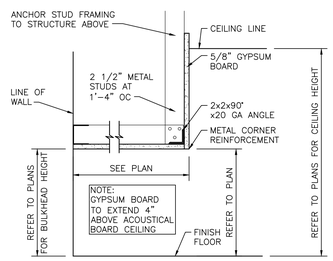
3 A-901



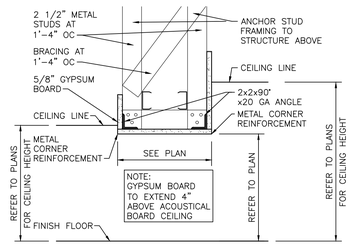
CURTAIN TRACK DETAIL

SCALE: 6" = 1'-0"

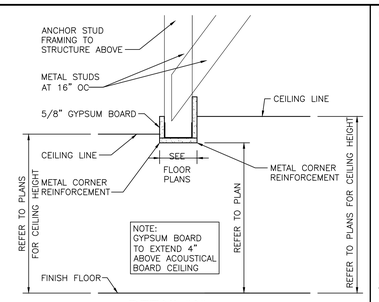
2 A-901



DETAIL "C"



DETAIL "B"



DETAIL "A"

GYPSUM BOARD BULKHEAD DETAILS

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

1 A-901

GENERAL REFLECTED CEILING PLAN NOTES:

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

B. THE ARCHITECTURAL REFLECTED CEILING PLAN GOVERN THE LAYOUT OF ALL CEILING ELEMENTS AND PENETRATIONS.

C. BULKHEAD FRAMING SHALL BE ATTACHED TO STRUCTURAL SUPPORT FRAMING AND NOT THE ROOF DECK.

D. REFER TO FLOOR PLANS FOR WALL TYPES.

E. CEILING ACCESS PANELS INDICATED ARE NOT INTENDED TO LIMIT NUMBER OF PANELS REQUIRED. PANEL QUANTITY SHALL BE SUFFICIENT TO PROVIDE REQUIRED ACCESS WHERE NOT INDICATED ON THE DRAWINGS. VERIFY LOCATION WITH ARCHITECT PRIOR TO INSTALLING PANEL. PAINT PANEL TO MATCH ADJACENT BULKHEAD.

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

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

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

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

REFLECTED CEILING PLAN LEGEND:

NOTE – ALL NEW CEILINGS TO BE 9'-0" A.F.F. (UNLESS NOTED OTHERWISE)

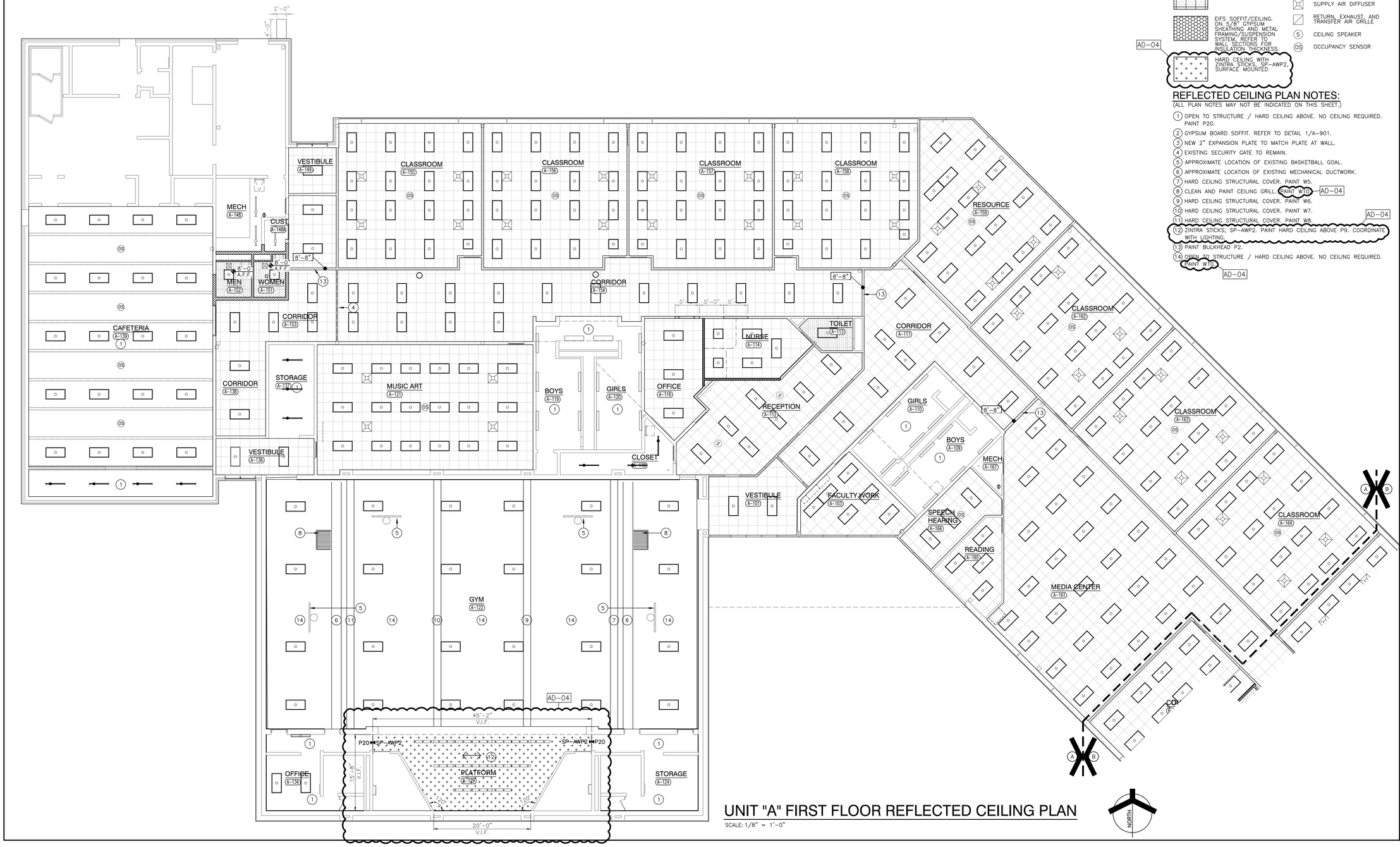
(ALL SYMBOLS MAY NOT BE INDICATED ON THIS SHEET.)

- GYPSUM CEILING OR BULKHEAD, REFER TO BULKHEAD DETAILS ON SHEET A-901 AND WALL SECTIONS
- ACT1 2'-0" x 2'-0" ACOUSTICAL BOARD CEILING
- ACT2 2'-0" x 2'-0" VINYL FACED CEILING
- EIFS SOFFIT/CEILING. ON 5/8" GYPSUM SHEATHING AND METAL FRAMING/SUSPENSION SYSTEM. REFER TO WALL SECTIONS FOR INSULATION THICKNESS
- AD-04 HARD CEILING WITH ZINTRA STICKS, SP-AWP2, SURFACE MOUNTED
- DOWN LIGHT
- EXIT LIGHT
- 1x4 LIGHT FIXTURE
- 2x4 LIGHT FIXTURE
- PENDANT LIGHT FIXTURE
- WALL SCONCE LIGHT FIXTURE
- SUPPLY AIR DIFFUSER
- RETURN, EXHAUST, AND TRANSFER AIR GRILLE
- (S) CEILING SPEAKER
- (OS) OCCUPANCY SENSOR

REFLECTED CEILING PLAN NOTES:

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

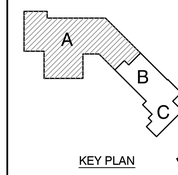
1. OPEN TO STRUCTURE / HARD CEILING ABOVE. NO CEILING REQUIRED. PAINT P20.
2. GYPSUM BOARD SOFFIT. REFER TO DETAIL 1/A-901.
3. NEW 2" EXPANSION PLATE TO MATCH PLATE AT WALL.
4. EXISTING SECURITY GATE TO REMAIN.
5. APPROXIMATE LOCATION OF EXISTING BASKETBALL GOAL.
6. APPROXIMATE LOCATION OF EXISTING MECHANICAL DUCTWORK.
7. HARD CEILING STRUCTURAL COVER. PAINT W5.
8. CLEAN AND PAINT CEILING GRILL. PAINT W10. AD-04
9. HARD CEILING STRUCTURAL COVER. PAINT W6.
10. HARD CEILING STRUCTURAL COVER. PAINT W7.
11. HARD CEILING STRUCTURAL COVER. PAINT W8. AD-04
12. ZINTRA STICKS, SP-AWP2. PAINT HARD CEILING ABOVE P9. COORDINATE WITH LIGHTING.
13. PAINT BULKHEAD P2.
14. OPEN TO STRUCTURE / HARD CEILING ABOVE. NO CEILING REQUIRED. PAINT W10. AD-04



UNIT "A" FIRST FLOOR REFLECTED CEILING PLAN

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

NORTH



KEY PLAN

GIBRALTAR DESIGN
ARCHITECTURE • ENGINEERING • INTERIOR DESIGN

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

PROJECT
TRI-COUNTY PRIMARY SCHOOL - ADDITIONS AND RENOVATIONS
TRI-COUNTY SCHOOL CORPORATION
WOLCOTT, INDIANA

PROJECT 24-116
DATE 10/01/24
COORDINATED BY EJM
DRAWN BY EJM
CHECKED BY EJM

JOSEPH P. BRIGGS REGISTERED NO. 11600109 STATE OF INDIANA ARCHITECT

REVISIONS

MARK	DATE	ISSUED FOR
AD-04	10/30/24	ADDENDUM NO. 04

DRAWING
UNIT "A" FIRST FLOOR REFLECTED CEILING PLAN

PROJECT
ADDITIONS AND RENOVATIONS TO TRI COUNTY PRIMARY SCHOOL

SHEET A-901

Friday, 10/25/2024 - 11:26 AM - LAST SAVED BY:EMCQUEEN
Y:\24-116 TRI-COUNTY SC - PRIMARY SCHOOL ADDITION AND RENOVATIONS\24-116 DRAWINGS\05 ARCH\A-901.DWG

NEW PANEL " LBR3"

LOCATION: MECH C-111
SUPPLY FROM: XFMR-3
MOUNTING: SURFACE
ENCLOSURE: NEMA 1
A.I.C. RATING: 22,000
Notes:

VOLTS: 120/208 Wye
PHASES: 3
MAINS TYPE: MCB
MAIN RATING: 200A
BUSSING: COPPER

CKT	CIRCUIT DESCRIPTION	LEG.	TRIP	POLES	A	B	C	A	B	C	POLES	TRIP	LEG.	CIRCUIT DESCRIPTION	CKT
1	DOOR ACTUACTOR		20 A	1	1000			2200			1	20 A		REC - CLASS B-103	2
3	TEF-1		20 A	1		576			2200		1	20 A		REC - CLASS B-104	4
5	WH-1		20 A	1			1500			2200	1	20 A		REC - CLASS B-105	6
7	HVAC		20 A	1	72			2600			1	20 A		REC - CLASS C-105	8
9	WH-3		20 A	1		1500			2600		1	20 A		REC - CLASS C-107	10
11	WH-1		20 A	2			728			2600	1	20 A		REC - CLASS C-109	12
13					728			2600			1	20 A		REC - CLASS C-103	14
15	WH-3		20 A	2		728			2200		1	20 A		REC - KINDER. B-106	16
17							728			2200	1	20 A		REC - KINDER. B-108	18
19	REC - EWC		20 A	1	400			400			1	20 A		REC - SGI B-109	20
21	WH-2		20 A	2		1040			2200		1	20 A		REC - COUNSELOR B-110	22
23							1040			200	1	20 A		ROOF GFIS	24
25	TEF-4		20 A	1	72			600			1	20 A		RECEPTACLES	26
27	DOOR ACTUATOR		20 A	1		1200			200		1	20 A		RECEPTACLES	28
29	RCP-1		20 A	1			73			200	1	20 A		RECEPTACLES	30
31	REMOTE TEST STATIONS		20 A	1	500			--			1	--		SPACE	32
33	TC PANEL		20 A	1		0			--		1	--		SPACE	34
35	SPARE		20 A	1			0			--	1	--		SPACE	36
37	SPACE		--	1	--			--			1	--		SPACE	38
39	SPACE		--	1		--			--		1	--		SPACE	40
41	SPACE		--	1			--			--	1	--		SPACE	42

AD-04

LEGEND:
GC = PROVIDE GFI CIRCUIT BREAKER
ST = PROVIDE SHUNT TRIP BREAKER
LO = PROVIDE LOCKABLE DEVICE

PANEL TOTALS	
TOTAL CONNECTED LOAD PHASE A:	11172 VA
TOTAL CONNECTED LOAD PHASE B:	14444 VA
TOTAL CONNECTED LOAD PHASE C:	11396 VA
TOTAL CONNECTED LOAD:	37012 VA
TOTAL CONNECTED AMPS:	103 A

REFER TO SPECIFICATIONS FOR ADDITIONAL INFORMATION

NEW PANEL "LA-2"

LOCATION: MECH A-167
SUPPLY FROM: LB
MOUNTING: SURFACE
ENCLOSURE: NEMA-1
A.I.C. RATING: 22,000
Notes:

VOLTS: 120/208 Wye
PHASES: 3
MAINS TYPE: MLO
MAIN RATING: 100 A
BUSSING: COPPER

CKT	CIRCUIT DESCRIPTION	LEG.	TRIP	POLES	A	B	C	A	B	C	POLES	TRIP	LEG.	CIRCUIT DESCRIPTION	CKT
1	REC - CLASS A-155		20 A	1	2200			216			1	20 A		TEF-2	2
3	REC - CLASS A-156		20 A	1		2000			400		1	20 A		REC - OFFICE A-134	4
5	REC - CLASS A-157		20 A	1			2000			600	1	20 A		REC - MEDIA CENTER A-161	6
7	REC - CLASS A-158		20 A	1	2200			720			1	20 A		TEF-3	8
9	REC - CLASS A-162		20 A	1		2200			540		1	20 A		RELOCATED CCT. FROM PNL LA	10
11	REC - CLASS A-163		20 A	1			1800			720	1	20 A		RELOCATED CCT. FROM PNL LA	12
13	REC - CLASS A-164		20 A	1	1800			720			1	20 A		RELOCATED CCT. FROM PNL LA	14
15	REC - NURSE A-144		20 A	1		600			--		1	--		SPACE	16
17	REC- MUSIC A-121		20 A	1			2200			--	1	--		SPACE	18
19	REC - MEN RR A-152		20 A	1	400			--			1	--		SPACE	20
21	REC - WOMEN RR A-152		20 A	1		200			--		1	--		SPACE	22
23	SPACE		--	1			--			--	1	--		SPACE	24
25	SPACE		--	1	--			--			1	--		SPACE	26
27	SPACE		--	1		--			--		1	--		SPACE	28
29	SPACE		--	1			--			--	1	--		SPACE	30
31	SPACE		--	1	--			--			1	--		SPACE	32
33	SPACE		--	1		--			--		1	--		SPACE	34
35	SPACE		--	1			--			--	1	--		SPACE	36
37	SPACE		--	1	--			--			1	--		SPACE	38
39	SPACE		--	1		--			--		1	--		SPACE	40
41	SPACE		--	1			--			--	1	--		SPACE	42

AD-04

LEGEND:
GC = PROVIDE GFI CIRCUIT BREAKER
ST = PROVIDE SHUNT TRIP BREAKER
LO = PROVIDE LOCKABLE DEVICE

PANEL TOTALS	
TOTAL CONNECTED LOAD PHASE A:	7608 VA
TOTAL CONNECTED LOAD PHASE B:	5940 VA
TOTAL CONNECTED LOAD PHASE C:	7320 VA
TOTAL CONNECTED LOAD:	20868 VA
TOTAL CONNECTED AMPS:	58 A

REFER TO SPECIFICATIONS FOR ADDITIONAL INFORMATION

NEW PANEL "HC"

LOCATION: MECH C-111
SUPPLY FROM: HC
MOUNTING: SURFACE
ENCLOSURE: NEMA 1
A.I.C. RATING: 42,000
Notes:

VOLTS: 480/277 Wye
PHASES: 3
MAINS TYPE: MCB
MAIN RATING: 200A
BUSSING: COPPER

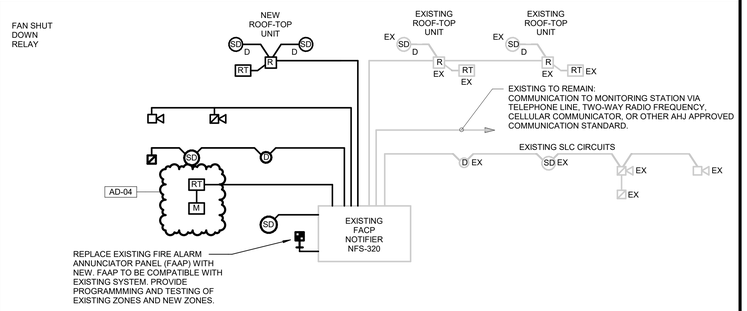
CKT	CIRCUIT DESCRIPTION	LEG.	TRIP	POLES	A	B	C	A	B	C	POLES	TRIP	LEG.	CIRCUIT DESCRIPTION	CKT
1	LTG - C103 & C105		20 A	1	1524					13302					2
3	LTG - UNIT B CORRIDORS		20 A	1		741				13302	3	60 A		RT-1	4
5	LTG - C107 & C109		20 A	1			1424			13302					6
7	EXIT SIGNS UNIT B		20 A	1	60			0			1	20 A		SPARE	8
9	EXTERIOR LIGHT		20 A	1		128			0		1	20 A		SPARE	10
11	SPARE		20 A	1			0			0	1	20 A		SPARE	12
13	SPARE		20 A	1	0			0			1	20 A		SPARE	14
15	SPARE		20 A	1		0			0		1	20 A		SPARE	16
17	SPARE		20 A	1			0			0	1	20 A		SPARE	18
19	SPARE		20 A	1	0			0			1	20 A		SPARE	20
21	SPARE		20 A	1		0			0		1	20 A		SPARE	22
23	SPARE		20 A	1			0			--	1	--		SPACE	24
25	SPARE		20 A	1	0			--			1	--		SPACE	26
27	SPARE		20 A	1		0			--		1	--		SPACE	28
29	SPARE		20 A	1			0			--	1	--		SPACE	30
31	SPACE		--	1	--			--			1	--		SPACE	32
33	SPACE		--	1		--			--		1	--		SPACE	34
35	SPACE		--	1			--			--	1	--		SPACE	36
37	SPACE		--	1	--			11172							38
39	SPACE		--	1		--			14444		3	100 A		XFMR-3/PANEL "LBR3"	40
41	SPACE		--	1			--			11396					42

LEGEND:
GC = PROVIDE GFI CIRCUIT BREAKER
ST = PROVIDE SHUNT TRIP BREAKER
LO = PROVIDE LOCKABLE DEVICE

PANEL TOTALS	
TOTAL CONNECTED LOAD PHASE A:	26058 VA
TOTAL CONNECTED LOAD PHASE B:	28613 VA
TOTAL CONNECTED LOAD PHASE C:	26122 VA
TOTAL CONNECTED LOAD:	80793 VA
TOTAL CONNECTED AMPS:	97 A

REFER TO SPECIFICATIONS FOR ADDITIONAL INFORMATION

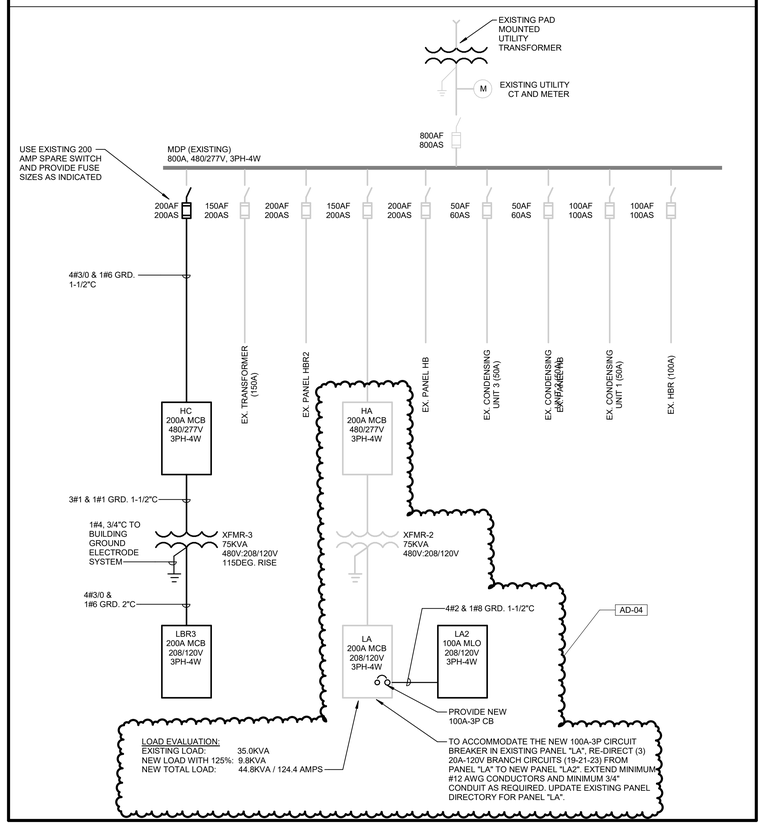
FIRE ALARM SCHEMATIC RISER DIAGRAM



NOTES:

1. THIS DIAGRAM IS SCHEMATIC ONLY AND DOES NOT SHOW ALL FIRE ALARM DEVICES, AIR HANDLING UNITS, ROOF-TOP UNITS OR FIRE PROTECTION DEVICES - REFER TO ALL PLANS AND SPECIFICATIONS FOR QUANTITIES, LOCATION, ACCEPTABLE MANUFACTURERS, ETC.
2. ELECTRICAL CONTRACTOR SHALL FURNISH DUCT SMOKE DETECTORS. MECHANICAL CONTRACTOR SHALL INSTALL DUCT SMOKE DETECTOR AND ELECTRICAL CONTRACTOR SHALL MAKE FINAL WIRING CONNECTIONS AS REQUIRED. REFER TO MECHANICAL DRAWINGS FOR EXACT LOCATIONS AND QUANTITIES OF DUCT SMOKE DETECTORS.
3. ELECTRICAL CONTRACTOR SHALL PROVIDE INTERLOCKING BETWEEN DUCT SMOKE DETECTORS, FIRE ALARM CONTROL PANEL, AIR HANDLING UNITS, ROOF-TOP UNITS, ANSUL SYSTEM AND FAN SHUT DOWN RELAYS SO THAT UPON ACTIVATION OF FIRE ALARM SYSTEM, ALL AIR HANDLING EQUIPMENT AND SMOKE/FIRE DAMPER SHALL SHUT DOWN. ALL AIR HANDLING EQUIPMENT SHALL START AUTOMATICALLY (AND SEQUENTIALLY) UPON RESETTING OF THE FIRE ALARM SYSTEM.
4. ELECTRICAL CONTRACTOR SHALL CONNECT SMOKE/FIRE DAMPERS THROUGHOUT FACILITY TO CLOSE DAMPERS UPON ACTIVATION/ALARM OF SMOKE DUCT DETECTOR MOUNTED IN DUCT AHEAD OF RESPECTIVE DAMPER OR LOCAL SMOKE DETECTORS, COMPLETE AS REQUIRED. VERIFY LOCATION AND QUANTITIES ON MECHANICAL AND ARCHITECTURAL PLANS AND IN FIELD. INTERLOCK SMOKE DUCT DETECTORS AND DAMPERS WITH FIRE ALARM CONTROL PANEL, COMPLETE AS REQUIRED.
5. PROVIDE ADDITIONAL PARTS, ACCESSORIES, CARDS, ETC. AS REQUIRED TO COMPLETE THE WORK. FIRE ALARM DEVICES SHALL BE CONNECTED TO THE FIRE ALARM POWER SUPPLY AND BATTERIES OF THE SYSTEM AND SHALL NOT BE CONNECTED TO NORMAL POWER.

ELECTRICAL SINGLE LINE DIAGRAM



GIBRALTAR DESIGN
ARCHITECTURE + ENGINEERING + INTERIOR DESIGN

MILLIES ENGINEERING GROUP
(317) 924-8400
www.milliesengineeringgroup.com

PROJECT:

TRI-COUNTY PRIMARY SCHOOL - ADDITIONS AND RENOVATIONS

TRI-COUNTY SCHOOL CORPORATION
WOLCOTT, 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 24-116
DATE 10/01/24
COORDINATED BY ZM
DRAWN BY JC
CHECKED BY DJ

DAVID G. JANNEY — REGISTERED NO. 10302590 — STATE OF INDIANA — PROFESSIONAL ENGINEER

REVISIONS

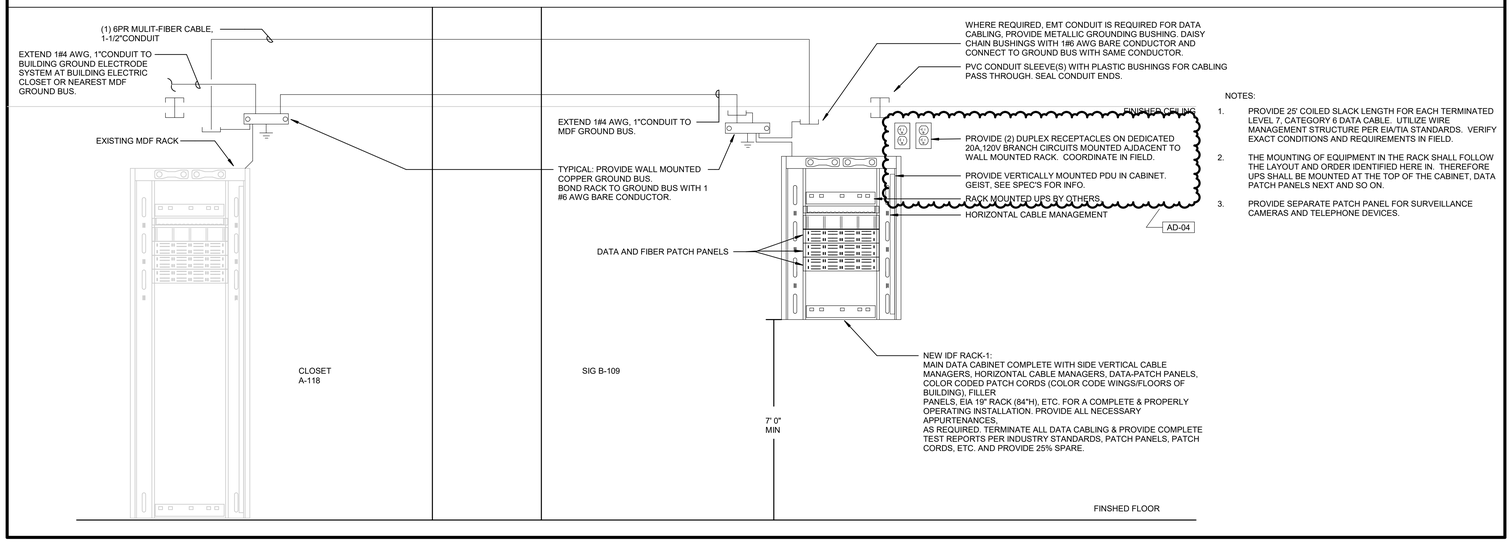
MARK	DATE	ISSUED FOR
AD-02	10/11/24	ADDENDUM 2
AD-03	10/23/24	ADDENDUM 3
AD-04	10/30/24	ADDENDUM 4

DRAWING
ELECTRICAL DETAILS

PROJECT
TRI-COUNTY PRIMARY SCHOOL - ADDITIONS AND RENOVATIONS

SHEET
E-601

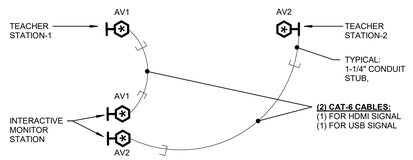
MDF/IDF RACK LAYOUT DETAIL



NOTES:

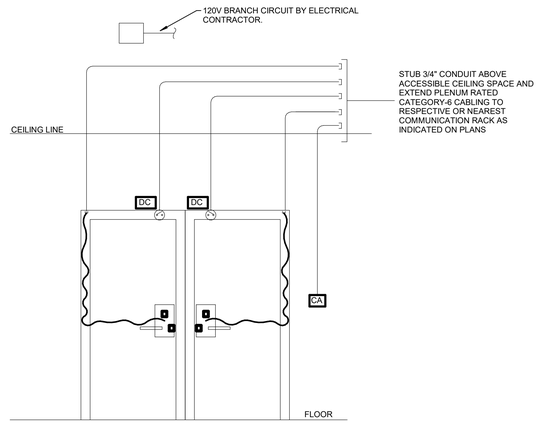
1. PROVIDE 25' COILED SLACK LENGTH FOR EACH TERMINATED LEVEL 7, CATEGORY 6 DATA CABLE. UTILIZE WIRE MANAGEMENT STRUCTURE PER EIA/TIA STANDARDS. VERIFY EXACT CONDITIONS AND REQUIREMENTS IN FIELD.
2. THE MOUNTING OF EQUIPMENT IN THE RACK SHALL FOLLOW THE LAYOUT AND ORDER IDENTIFIED HERE IN. THEREFORE UPS SHALL BE MOUNTED AT THE TOP OF THE CABINET, DATA PATCH PANELS NEXT AND SO ON.
3. PROVIDE SEPARATE PATCH PANEL FOR SURVEILLANCE CAMERAS AND TELEPHONE DEVICES.

INTERACTIVE MONITOR PROVISIONS

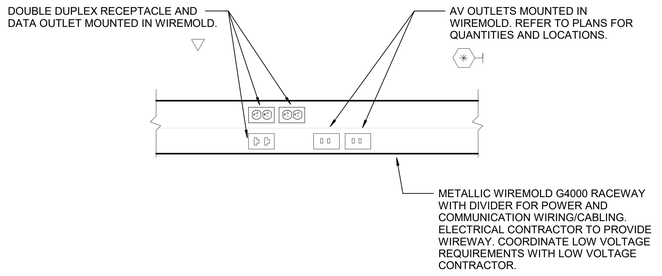


TYPICAL CLASSROOM INTERACTIVE MONITOR PROVISIONS

ACCESS CONTROL WIRING DIAGRAM



WIREMOLD DETAIL



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PROJECT:

TRI-COUNTY PRIMARY SCHOOL - ADDITIONS AND RENOVATIONS

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WOLCOTT, INDIANA

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

PROJECT
24-116
DATE
10/01/24
COORDINATED BY
ZM
DRAWN BY
JC
CHECKED BY
DJ

DAVID G. JANNEY REGISTERED NO. 10302590 STATE OF INDIANA PROFESSIONAL ENGINEER

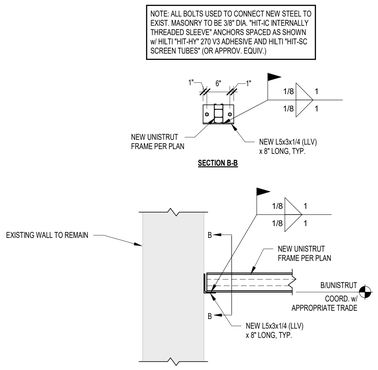
REVISIONS

MARK	DATE	ISSUED FOR
AD-03	10/23/24	ADDENDUM 3
AD-04	10/30/24	ADDENDUM 4

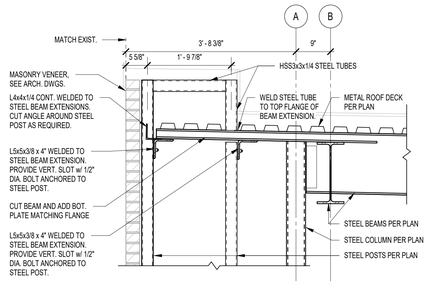
DRAWING
TECHNOLOGY DETAILS & DIAGRAMS

PROJECT
TRI-COUNTY PRIMARY SCHOOL - ADDITIONS AND RENOVATIONS

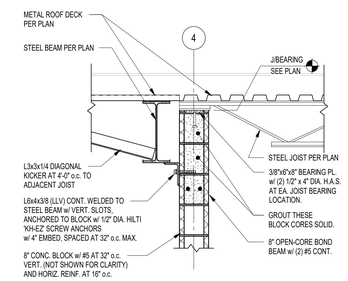
SHEET
T-601



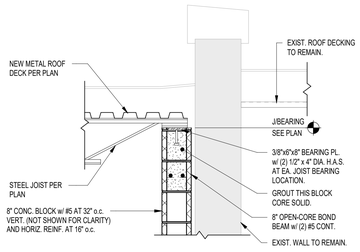
13 FRAMING SECTION
3/4" = 1'-0"



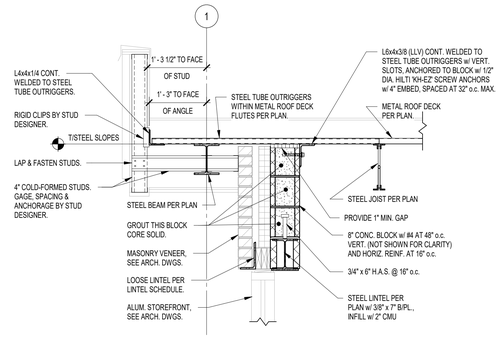
12 FRAMING SECTION
3/4" = 1'-0"



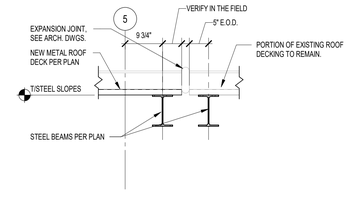
9 FRAMING SECTION
3/4" = 1'-0"



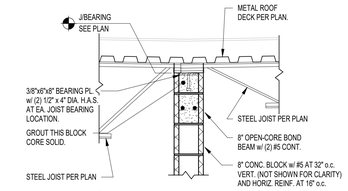
8 FRAMING SECTION
3/4" = 1'-0"



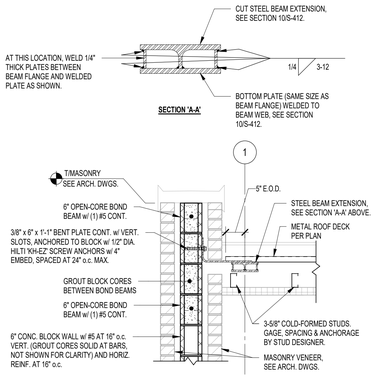
4 FRAMING SECTION
3/4" = 1'-0"



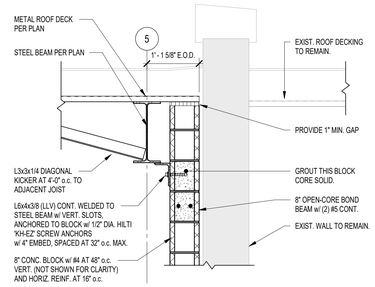
7 FRAMING SECTION
3/4" = 1'-0"



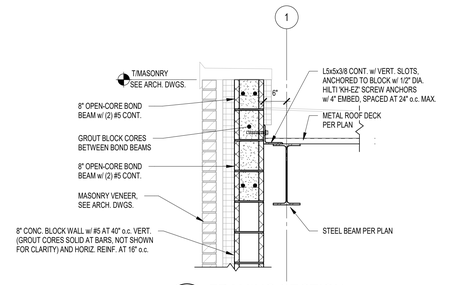
3 FRAMING SECTION
3/4" = 1'-0"



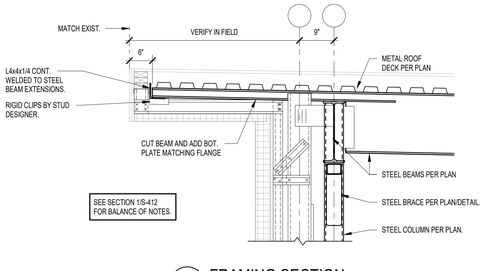
11 FRAMING SECTION
3/4" = 1'-0"



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



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



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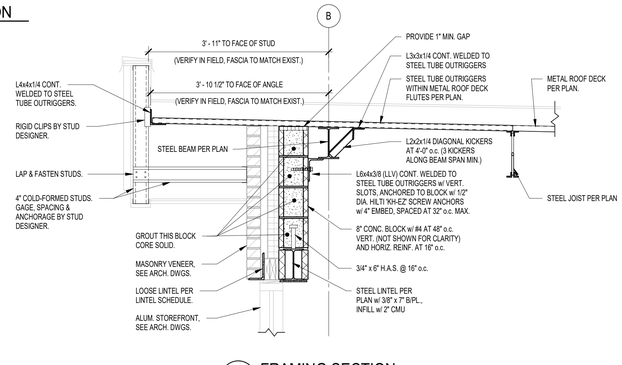

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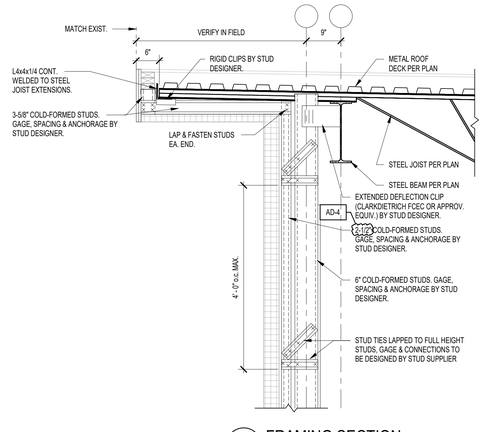

1 FRAMING SECTION
3/4" = 1'-0"

GIBRALTAR DESIGN
ARCHITECTURE • ENGINEERING • INTERIOR DESIGN

PROJECT:

TRI-COUNTY INTERMEDIATE SCHOOL - ADDITIONS AND RENOVATIONS

TRI-COUNTY SCHOOL CORPORATION
WOLCOTT, INDIANA

GIBRALTAR DESIGN
9102 N. Meridian St., Ste. 300
Indianapolis, IN 46260
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Phone 317.580.5777 Fax 317.580.5778

PROJECT
24-118
DATE
10/01/2024
COORDINATED BY
NHF
DRAWN BY
NHF
CHECKED BY
SAC

SCOTT A. CLORE REGISTERED PE10606154 STATE OF INDIANA PROFESSIONAL ENGINEER

CONSTRUCTION DOCUMENTS

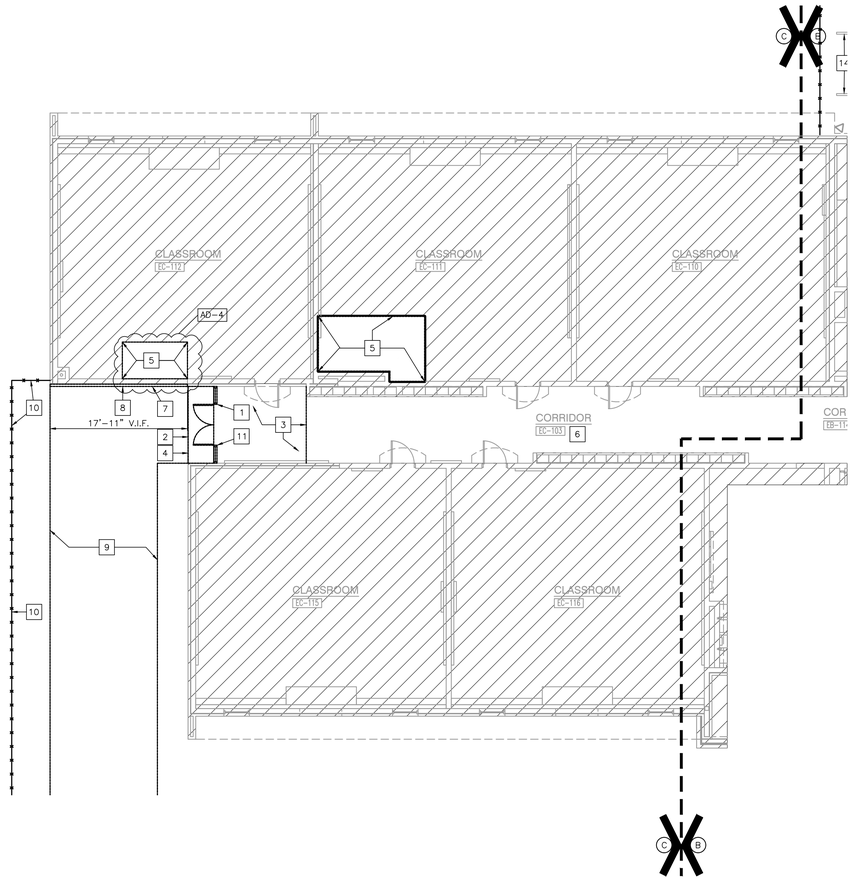
REVISIONS

MARK	DATE	ISSUED FOR
AD-4	10.30.2024	ADDENDUM #4

DRAWING
STRUCTURAL FRAMING SECTIONS

PROJECT
TRI-COUNTY INTERMEDIATE SCHOOL - ADDITIONS AND RENOVATIONS

SHEET
S-412



UNIT "C" ARCHITECTURAL FIRST FLOOR DEMOLITION PLAN

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

NORTH

GENERAL DEMOLITION NOTES:

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

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

C. CONTRACTORS ENCOUNTERING EXISTING MATERIAL WHICH IS SUSPECTED OF CONTAINING ASBESTOS SHALL STOP WORK IMMEDIATELY AND NOTIFY THE OWNER AND THE OWNERS REPRESENTATIVE.

D. BOLD DASHED LINES INDICATE EXISTING ITEMS TO BE REMOVED UNLESS OTHERWISE NOTED. THE CONTRACTOR SHALL BE RESPONSIBLE FOR FIELD VERIFYING THE EXTENT OF DEMOLITION WORK PRIOR TO BIDDING AND FOR COORDINATING THE EXTENT OF DEMOLITION WITH THE INSTALLATION OF NEW SYSTEMS.

E. EACH CONTRACTOR SHALL BE RESPONSIBLE FOR ALL DEMOLITION APPLICABLE TO THEIR SCOPE OF WORK AND AS REQUIRED FOR INSTALLATION OF NEW WORK WHETHER OR NOT IT IS SPECIFICALLY INDICATED OR NOTED IN THESE DOCUMENTS.

F. REMOVE ALL ITEMS AND FINISHES MADE OBSOLETE BY NEW CONSTRUCTION. VERIFY ITEMS DEEMED OBSOLETE WITH ARCHITECT PRIOR TO REMOVAL. REFER TO NEW CONSTRUCTION DRAWINGS FOR DEMOLITION REQUIRED NOT SHOWN ON DEMOLITION PLANS.

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

H. PRIOR TO STARTING DEMOLITION, CONSTRUCT DUST CONTROL BARRIERS AS REQUIRED TO PREVENT THE SPREAD OF DUST INTO SURROUNDING AREAS (WHERE APPLICABLE).

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

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

K. DEMOLITION SHALL BE PERFORMED WITHOUT DAMAGE TO EXISTING CONSTRUCTION TO REMAIN. WHERE SUCH DAMAGE OCCURS, PATCH, REPAIR, OR RESTORE WALLS, FLOORS, CEILING, ETC. NEATLY TO MATCH EXISTING ADJACENT SURFACE. PROVIDE SHORING, BRACING, OR SUPPORT AS REQUIRED TO PREVENT MOVEMENT OR SETTLEMENT OF EXISTING STRUCTURES.

L. EACH CONTRACTOR IS RESPONSIBLE FOR CUTTING, PATCHING, AND DISCONNECTION OF ITEMS APPLICABLE TO THEIR SCOPE OF WORK. WHERE EXISTING SERVICES ARE ABANDONED, CAP AT LEAST 1" BEHIND NEW FINISHES AND/OR EXISTING SURFACE AND PATCH AS REQUIRED TO RECEIVE NEW FINISHES OR MATCH EXISTING FINISH.

M. ON WALLS THAT ARE TO RECEIVE NEW FINISHES, REMOVE AND REINSTALL EXISTING EQUIPMENT TO REMAIN AS REQUIRED FOR INSTALLATION OF NEW FINISHES.

N. WHERE WALLS OR BULKHEADS ARE REMOVED, PATCH FLOORS, CEILINGS, AND ADJACENT WALLS AS REQUIRED TO MATCH EXISTING OR RECEIVE NEW FINISHES WHERE APPLICABLE. WHERE EXISTING DUCTWORK, PIPING, OR EQUIPMENT IS REMOVED, PATCH OPENINGS AND/OR SURFACES AS REQUIRED TO MATCH ADJACENT SURFACES OR RECEIVE NEW FINISHES WHERE APPLICABLE. REFER TO ALL DEMOLITION DRAWINGS FOR EXTENT OF ITEMS TO REMOVED.

O. OVER CUT NEW OPENINGS IN EXISTING WALL AS REQUIRED FOR NEW CONSTRUCTION. PATCH AND REPAIR WALLS AS REQUIRED TO MATCH EXISTING. WHERE APPLICABLE, TOOTH NEW MASONRY INTO EXISTING MASONRY.

P. ALL EQUIPMENT AND FURNITURE WHICH ARE CONSIDERED LOOSE FURNISHING SHALL BE REMOVED BY THE OWNER PRIOR TO DEMOLITION.

Q. MASONRY WALLS TO BE REMOVED SHALL BE REMOVED TO A POINT 2" MINIMUM BELOW THE EXISTING FLOOR SLAB UNLESS SETTING ON A SLAB OR SPECIFICALLY NOTED OTHERWISE. PATCH WITH NEW CONCRETE TO BE FLUSH WITH THE EXISTING FLOOR SLAB.

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

S. THE OWNER SHALL RESERVE THE RIGHT TO CLAIM ANY MATERIALS THAT ARE BEING DEMOLISHED PRIOR TO THE CONTRACTOR DISPOSING OF THEM OFF SITE.

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

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

V. DEMOLITION IS TO FOLLOW ESTABLISHED CONSTRUCTION SEQUENCE. REFER TO SPECIFICATIONS AND DRAWINGS FOR REQUIREMENTS AND SPECIAL CONDITIONS.

W. WHERE APPLICABLE SALVAGE EXISTING MASONRY (FACE BRICK, GLAZED CMU, FACING TILE) AS REQUIRED FOR PATCHING AND INFILL IN RENOVATED AREAS WHERE INDICATED. DISCARD UNUSED PORTION OFF SITE.

DEMOLITION LEGEND:

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

INDICATES AREA WHERE NO WORK IS TO OCCUR.

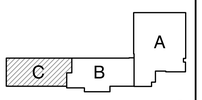
DEMOLITION PLAN NOTES:

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

1. REMOVE STOREFRONT SYSTEM IN ITS ENTIRETY. REMOVE SEALANT TO THE GREATEST DEGREE POSSIBLE WITHOUT DAMAGING EXISTING BRICK. PATCH AND REPAIR ADJACENT WALLS AND FLOOR TO RECEIVE NEW FINISHES.
2. REMOVE VOID SLAB/STOOP/CONCRETE WALK IN ITS ENTIRETY. REFER TO CIVIL.
3. REMOVE EXISTING CARPET SYSTEM AND FLOOR BASE IN ITS ENTIRETY. PREPARE FLOOR AND WALLS FOR NEW FLOOR FINISHES.
4. REMOVE EXISTING SOFFIT AND PARAPET WALL SYSTEM IN ITS ENTIRETY. EXISTING STEEL DECK AND JOIST/BEAM TO REMAIN. PATCH AND REPAIR ADJACENT ROOF FOR NEW ROOF TIE IN.
5. REMOVE EXISTING CEILING IN THESE ROOMS FOR PLUMBING AND HVAC MODIFICATIONS. REPLACE TO ORIGINAL CONFIGURATION AFTER PLUMBING AND HVAC WORK IS COMPLETE. REPLACE ANY DAMAGED TILES WITH LIKE KIND AND REPAIR ANY DAMAGES TO EXISTING WALL FINISHES TO MATCH EXISTING WALL FINISHES. COORDINATE WITH PLUMBING AND MECHANICAL DRAWINGS FOR ANY ADDITIONAL AREAS OF PLUMBING AND HVAC MODIFICATIONS.
6. REMOVE EXISTING LAY-IN CEILING PADS AND GRIDS IN THEIR ENTIRETY. SUPPORT EXISTING DEVICES FOR NEW GRID AND PADS.
7. REMOVE EXISTING THRU-WALL GRILLE IN ITS ENTIRETY. PREPARE WALL FOR NEW INFILL.
8. REMOVE EXISTING FACE BRICK FROM TOP OF FOUNDATION CMU TO EL=105'-7". REFER TO STRUCTURAL FOR NEW SUPPORT.
9. REMOVE SIDEWALK IN ITS ENTIRETY. REFER TO CIVIL.
10. REMOVE CHAIN LINK FENCE IN ITS ENTIRETY. REFER TO CIVIL.
11. REMOVE MASONRY WALL AND LINTEL ABOVE STOREFRONT IN ITS ENTIRETY. PATCH AND REPAIR ADJACENT WALLS.
12. REMOVE EXISTING VINYL DOOR NUMBERS ON THIS DOOR. CLEAN AND PREPARE DOOR FOR NEW NUMBERS.
13. REMOVE EXISTING CHILLER PAD. REFER TO CIVIL.
14. EXISTING PIPE SUPPORTS AND PADS TO REMAIN. REFER TO MECHANICAL.

GIBRALTAR DESIGN
ARCHITECTURE ENGINEERING INTERIOR DESIGN

PROJECT
TRI-COUNTY INTERMEDIATE SCHOOL - ADDITIONS AND RENOVATIONS
TRI-COUNTY SCHOOL CORPORATION
WOLCOTT, INDIANA



KEY PLAN

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Phone 317.580.5777 Fax 317.580.5778

PROJECT 24-118
DATE 10/01/24
COORDINATED BY JPB DTB
DRAWN BY CND
CHECKED BY DTB

JOSEPH P. BRIGGS REGISTERED NO. 11600109 STATE OF INDIANA ARCHITECT

REVISIONS

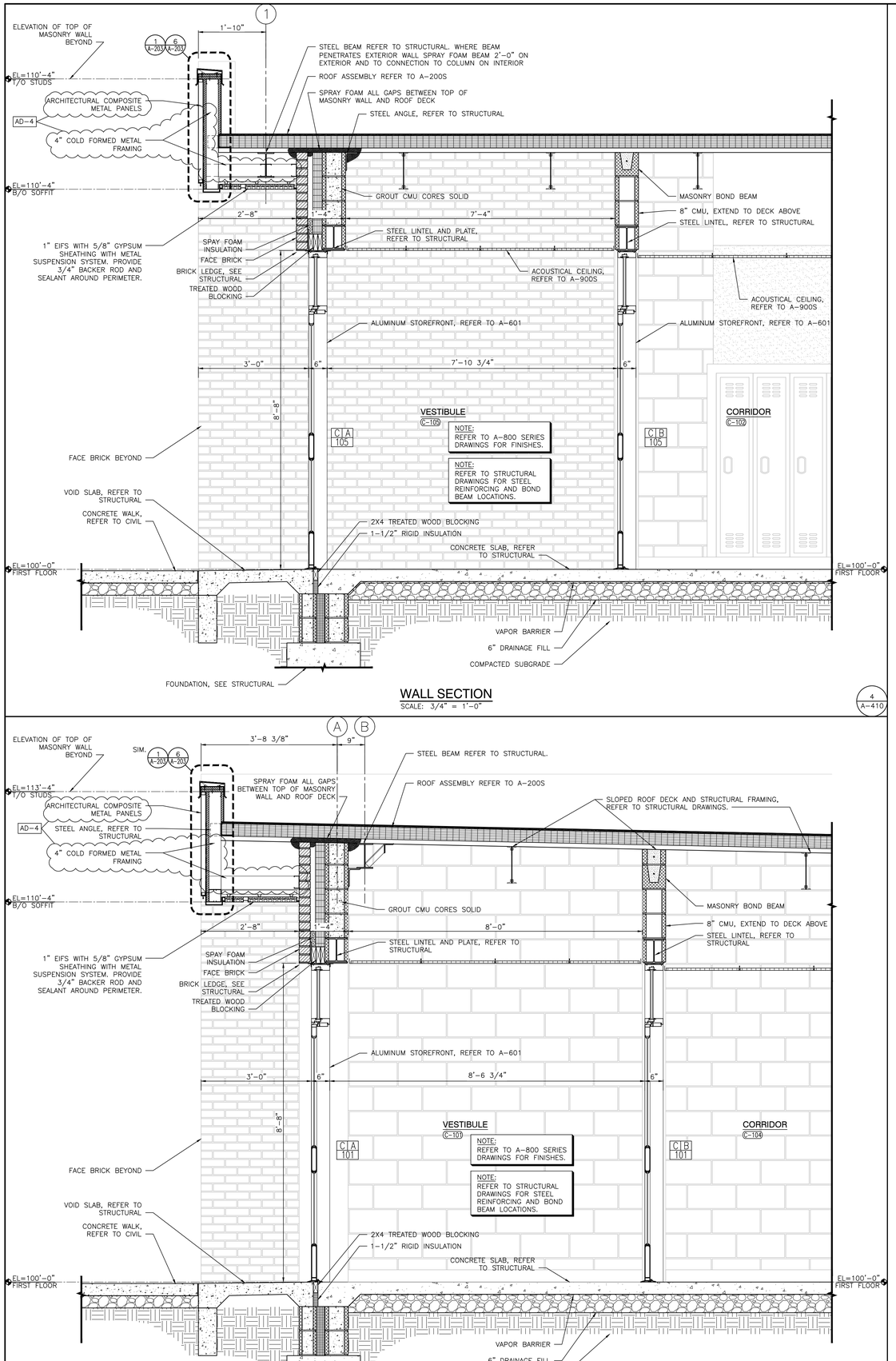
MARK	DATE	ISSUED FOR
AD-4	10/31/24	ADDENDUM NO. 04

DRAWING
UNIT "C" ARCHITECTURAL FIRST FLOOR DEMOLITION PLAN

PROJECT
TRI-COUNTY IS - ADDITIONS & RENOVATIONS

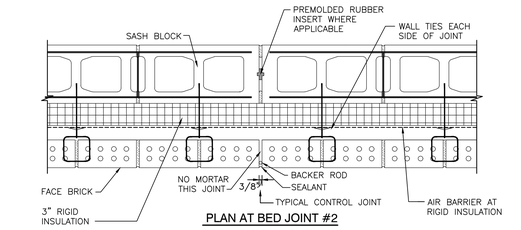
SHEET
C AD103

Tuesday, 10/29/2024 - 4:09 PM - LAST SAVED BY:CDAVIS
Y:\24-118 TRI-COUNTY SC - INTERMEDIATE SCHOOL ADDITION AND RENOVATIONS\24-118 DRAWINGS\05 ARCH\AD103.DWG

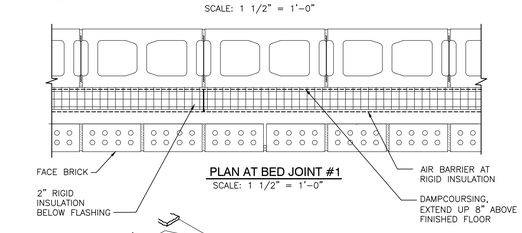


WALL SECTION
SCALE: 3/4" = 1'-0"

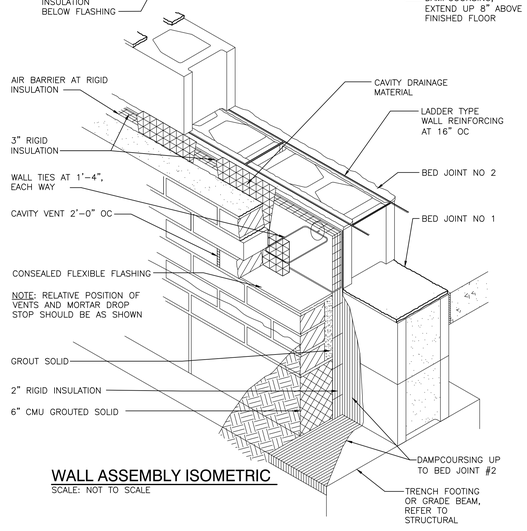
WALL SECTION
SCALE: 3/4" = 1'-0"



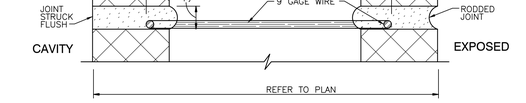
PLAN AT BED JOINT #2
SCALE: 1 1/2" = 1'-0"



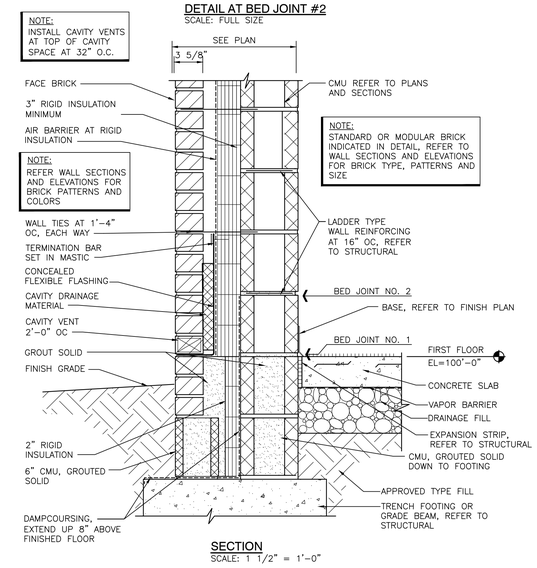
PLAN AT BED JOINT #1
SCALE: 1 1/2" = 1'-0"



WALL ASSEMBLY ISOMETRIC
SCALE: NOT TO SCALE

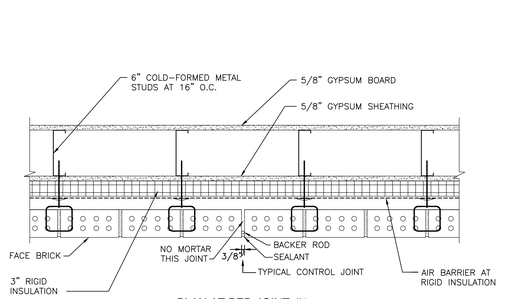


DETAIL AT BED JOINT #2
SCALE: FULL SIZE



SECTION
SCALE: 1 1/2" = 1'-0"

TYPICAL EXTERIOR MASONRY WALL CONSTRUCTION DETAIL
SCALE: AS INDICATED



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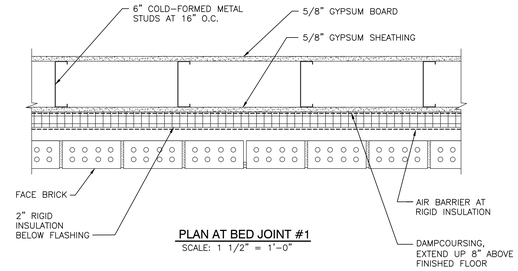

PLAN AT BED JOINT #1
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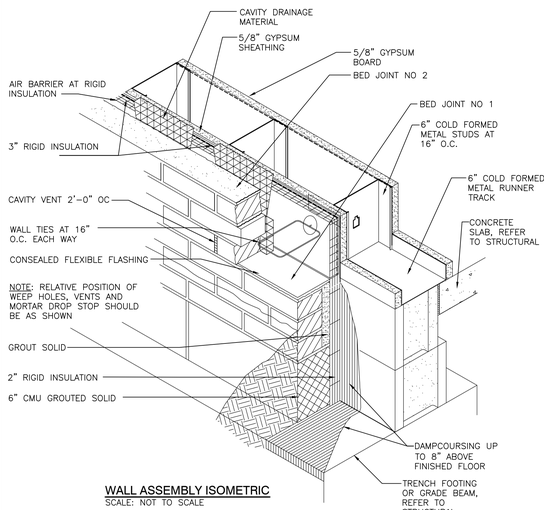

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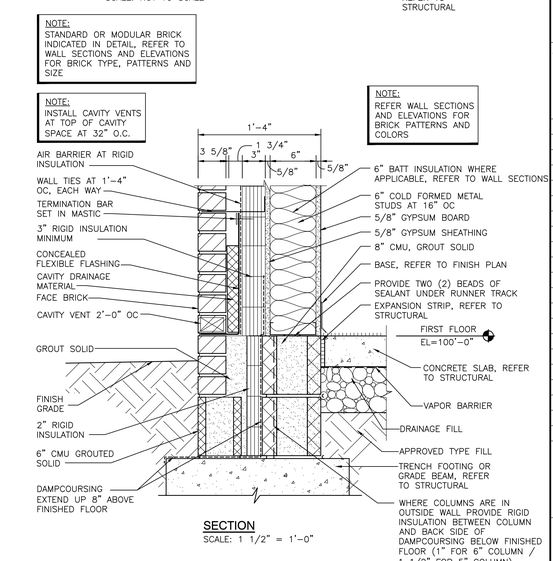
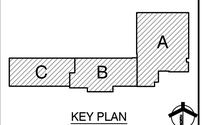


SECTION
SCALE: 1 1/2" = 1'-0"

TYPICAL EXTERIOR METAL STUD WALL CONSTRUCTION DETAIL
SCALE: AS INDICATED

GIBRALTAR DESIGN
ARCHITECTURE ENGINEERING INTERIOR DESIGN

PROJECT
TRI-COUNTY INTERMEDIATE SCHOOL - ADDITIONS AND RENOVATIONS
TRI-COUNTY SCHOOL CORPORATION
WOLCOTT, INDIANA



KEY PLAN

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PROJECT 24-118
DATE 10/01/24
COORDINATED BY JPB DTB
DRAWN BY CND
CHECKED BY DTB

JOSEPH P. BRIGGS REGISTERED NO. 11600109 STATE OF INDIANA ARCHITECT

REVISIONS

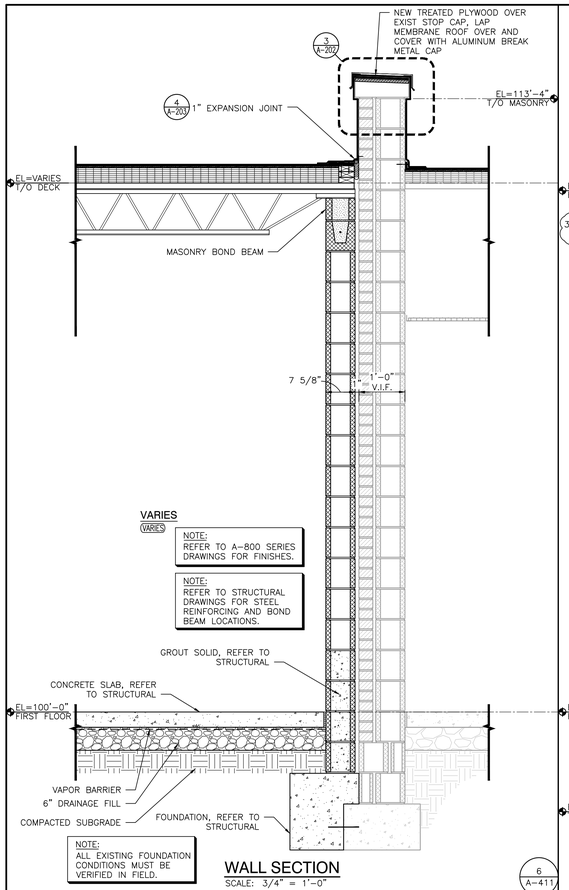
MARK	DATE	ISSUED FOR
AD-4	10/31/24	ADDENDUM NO. 04

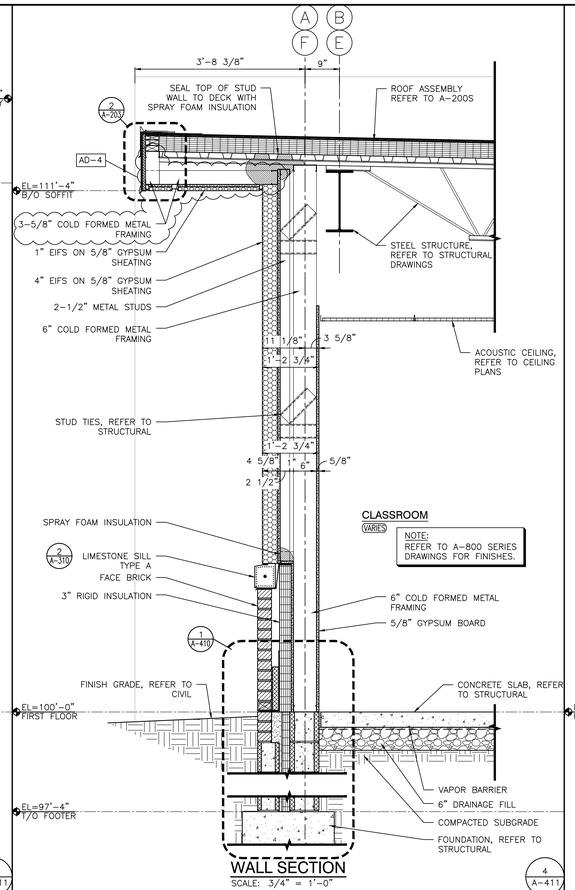
DRAWING
WALL SECTIONS

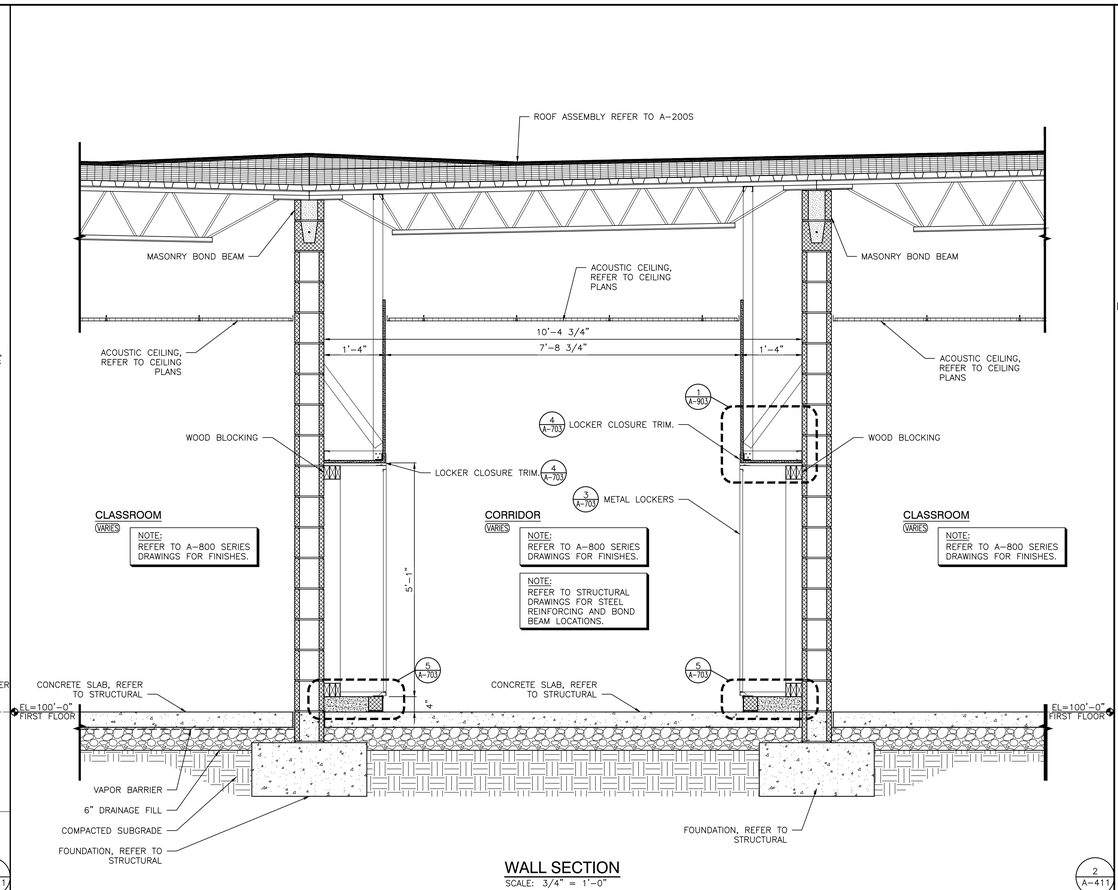
PROJECT
TRI-COUNTY IS - ADDITIONS & RENOVATIONS

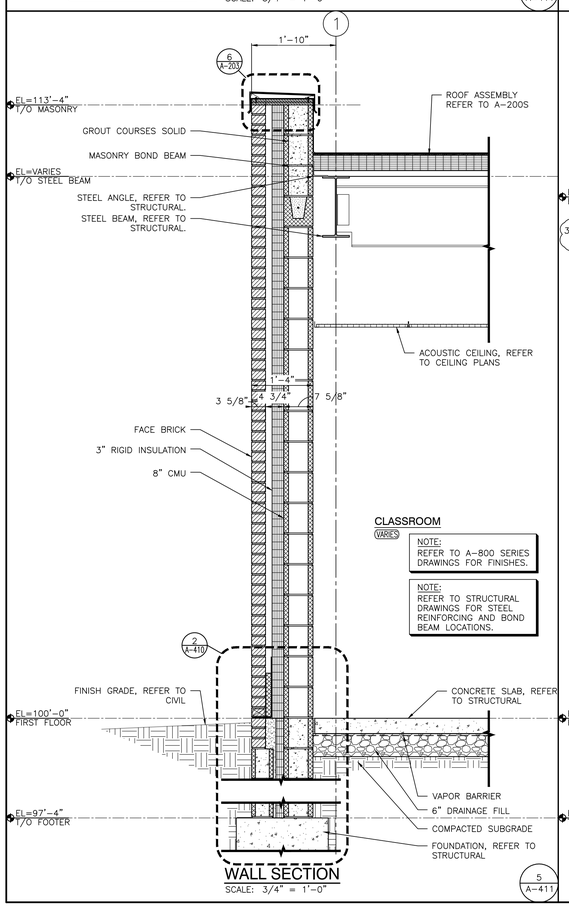
SHEET
A-410

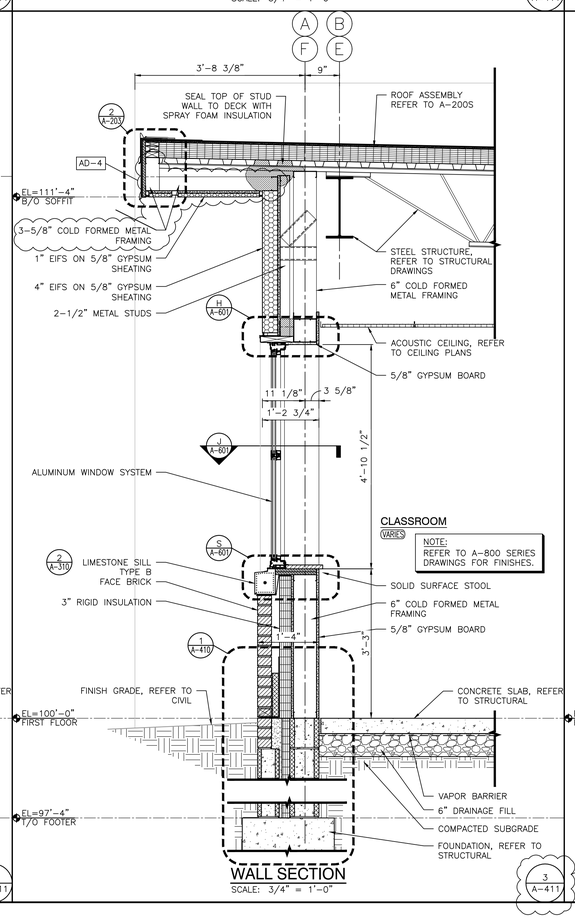
Thursday, 10/31/2024 - 2:10 PM - LAST SAVED BY:CDAVIS
Y:\24-118 TRI-COUNTY SC - INTERMEDIATE SCHOOL ADDITION AND RENOVATIONS\24-118 DRAWINGS\05 ARCH\A-410.DWG

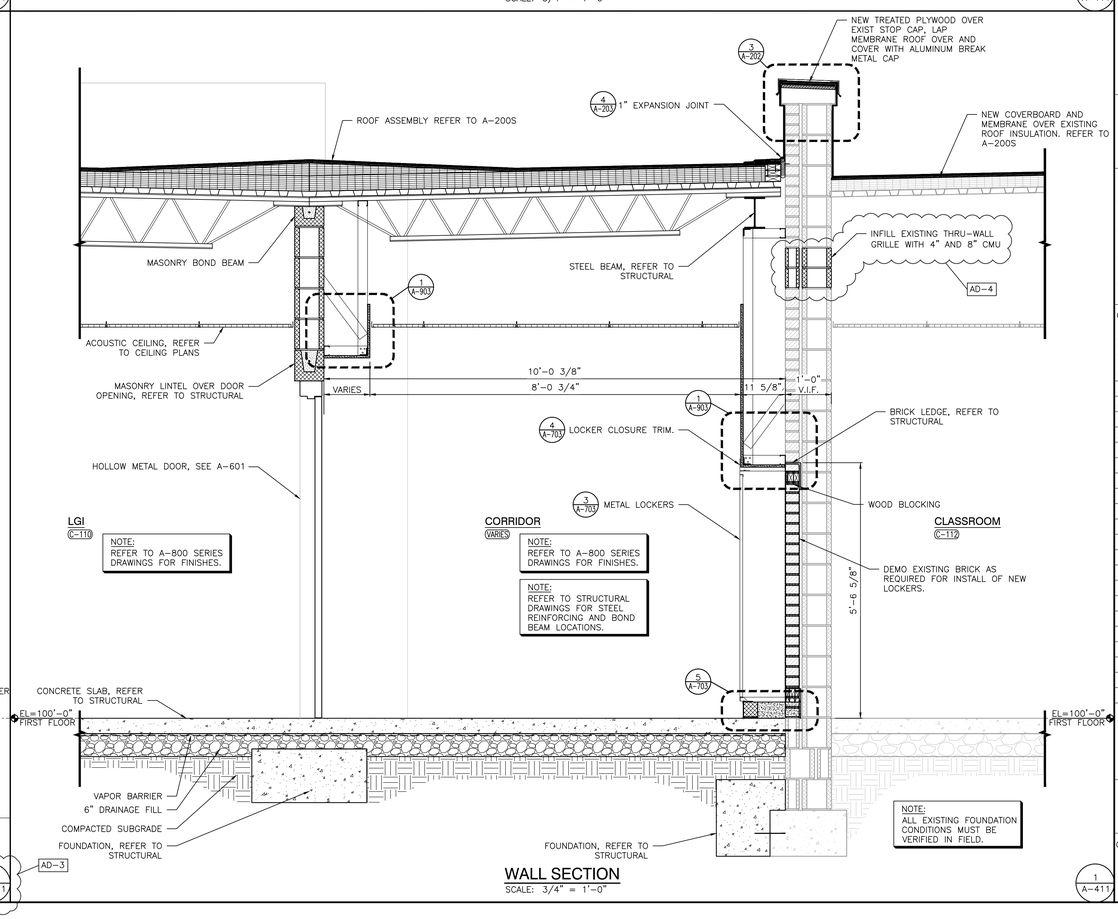






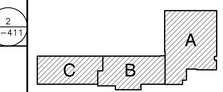






GIBRALTAR
DESIGN
ARCHITECTURE ENGINEERING INTERIOR DESIGN

PROJECT
TRI-COUNTY INTERMEDIATE SCHOOL - ADDITIONS AND RENOVATIONS
TRI-COUNTY SCHOOL CORPORATION
WOLCOTT, INDIANA



KEY PLAN

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PROJECT 24-118
DATE 10/01/24
COORDINATED BY JPB DTB
DRAWN BY CND
CHECKED BY DTB

JOSEPH P. BRIGGS REGISTERED NO. 11600109 STATE OF INDIANA ARCHITECT

REVISIONS

MARK	DATE	ISSUED FOR
AD-3	10/23/24	ADDENDUM NO. 03
AD-4	10/31/24	ADDENDUM NO. 04

DRAWING
WALL SECTIONS

PROJECT
TRI-COUNTY IS - ADDITIONS & RENOVATIONS

SHEET
A-411

Wednesday, 10/30/2024 - 9:22 AM - LAST SAVED BY:CDAVIS
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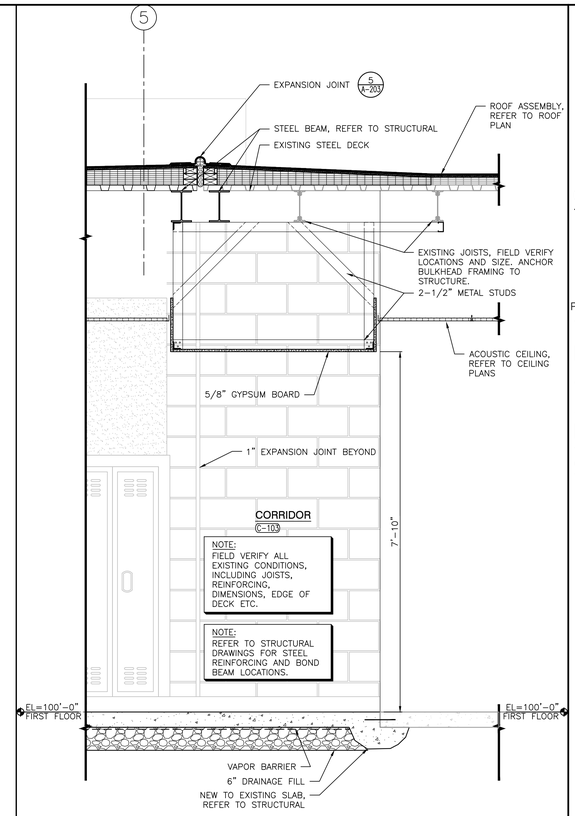
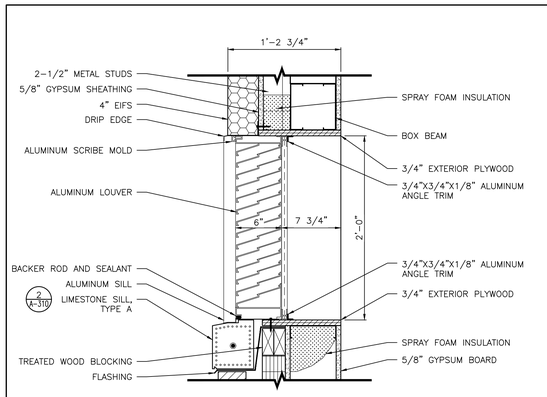


WALL SECTION

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

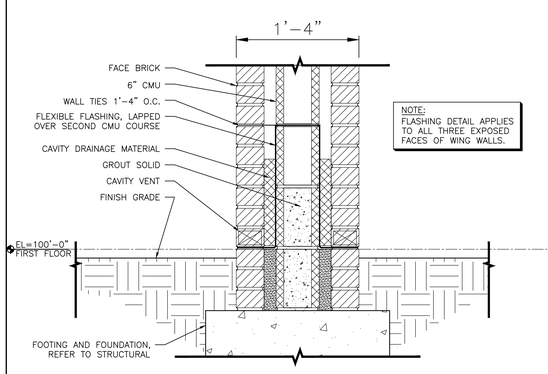
2 A-412



TYPICAL WALL LOUVER DETAIL

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

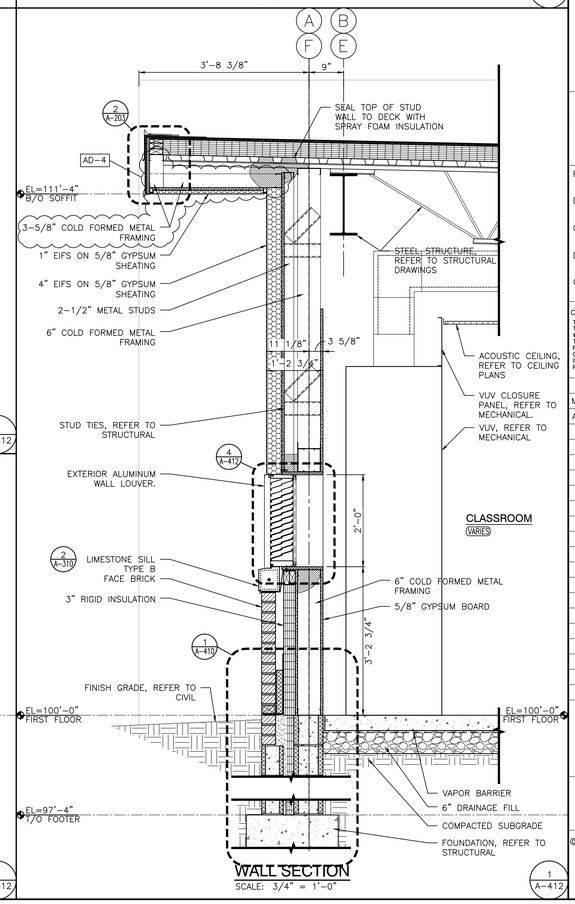
4 A-412



WING WALL FLASHING DETAIL

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

3 A-412



WALL SECTION

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

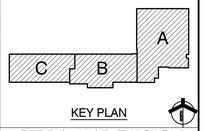
1 A-412

GIBRALTAR
DESIGN
ARCHITECTURE ENGINEERING INTERIOR DESIGN

PROJECT

TRI-COUNTY INTERMEDIATE SCHOOL - ADDITIONS AND RENOVATIONS

TRI-COUNTY SCHOOL CORPORATION
WOLCOTT, INDIANA



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PROJECT
24-118
DATE
10/01/24
COORDINATED BY
JPB DTB
DRAWN BY
CND
CHECKED BY
DTB

JOSEPH P. BRIGGS
REGISTERED
NO. 11600109
STATE OF INDIANA
ARCHITECT

REVISIONS

MARK	DATE	ISSUED FOR
AD-4	10/31/24	ADDENDUM NO. 04

DRAWING
WALL SECTIONS

PROJECT
TRI-COUNTY IS - ADDITIONS & RENOVATIONS

SHEET
A-412

GENERAL ELECTRICAL DEMOLITION NOTES:

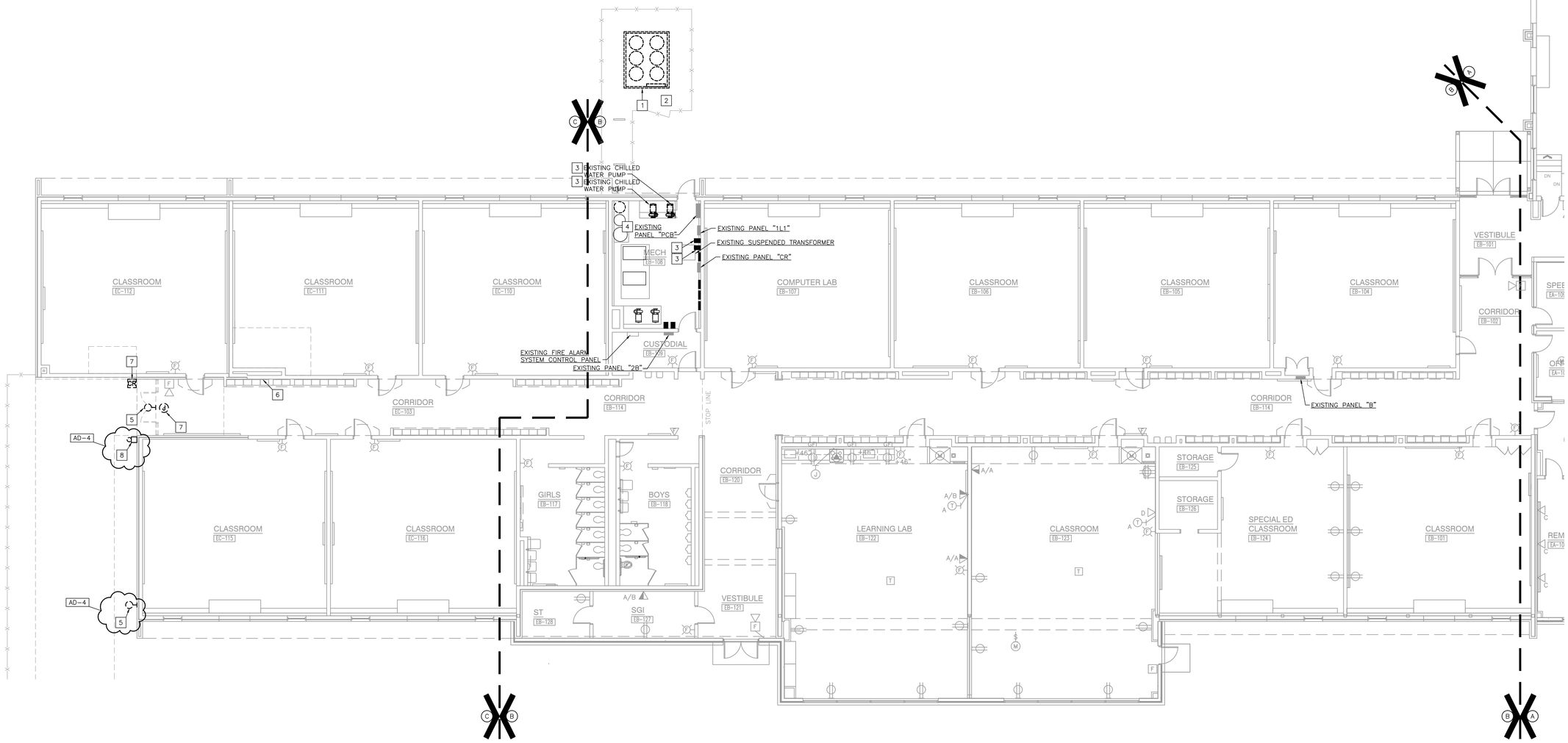
1. FOR ADDITIONAL GENERAL ELECTRICAL DEMOLITION NOTES SEE GENERAL ELECTRICAL PROJECT NOTES ON SHEET E-001.

2. DISCONNECT EXISTING EQUIPMENT WITH ELECTRICAL CONNECTIONS BEING DEMOLISHED AS SHOWN ON THE ARCHITECTURAL, MECHANICAL AND PLUMBING DRAWINGS. THESE ITEMS INCLUDE AIR HANDLING UNITS, CABINET HEATERS, FAN POWERED BOXES, EXHAUST FANS, PUMPS, WATER HEATERS, DISPLAY CASES, ETC.

DEMOLITION PLAN NOTES:

(THESE NOTES APPLY TO THIS SHEET ONLY)

1. DISCONNECT EXISTING ELECTRICAL SERVICE TO THE EXISTING CHILLER BEING REMOVED. REMOVE ASSOCIATED CONTROLS AND ALL ASSOCIATED CONDUIT AND WIRE BACK TO THE SOURCE, UNLESS OTHERWISE NOTED.
2. DISCONNECT EXISTING ELECTRICAL SERVICE TO THE CHILLER PIPING HEAT TRACE BEING REMOVED. REMOVE ASSOCIATED CONTROLS AND ALL ASSOCIATED CONDUIT AND WIRE BACK TO THE SOURCE, UNLESS OTHERWISE NOTED.
3. EXISTING VARIABLE FREQUENCY DRIVE CONTROLLER AND POWER CIRCUIT WIRING TO REMAIN. DISCONNECT EXISTING ELECTRICAL SERVICE TO THE CHILLED WATER CIRCULATING PUMPS BEING REMOVED AND REMOVE ALL ASSOCIATED CONDUIT AND WIRE BETWEEN THE CHILLED WATER CIRCULATING PUMPS BEING REMOVED AND THE EXISTING VARIABLE FREQUENCY DRIVE CONTROLLER THAT IS TO REMAIN, UNLESS OTHERWISE NOTED.
4. MODIFY EXISTING PANELBOARD. SEE PANEL SCHEDULE ON SHEET E-601 FOR MODIFICATIONS.
5. REMOVE EXISTING LIGHTING FIXTURE AND REMOVE EXISTING CONDUIT AND WIRE BACK TO THE SOURCE IN SUCH A MANNER AS TO KEEP ALL OTHER LIGHTING FIXTURES ON THIS CIRCUIT IN SERVICE.
6. DISCONNECT EXISTING ELECTRICAL SERVICE TO THE EXISTING CABINET HEATER BEING REMOVED. REMOVE ASSOCIATED CONTROLS AND ALL ASSOCIATED CONDUIT AND WIRE BACK TO THE SOURCE, UNLESS OTHERWISE NOTED.
7. RELOCATE EXISTING CARD READER. REMOVE ASSOCIATED CONDUIT AND WIRE BACK TO THE SOURCE IN SUCH A MANNER AS TO KEEP ALL OTHER DEVICES ON THIS CIRCUIT IN SERVICE.
8. RELOCATE EXISTING BELL. INTERCEPT EXISTING CONDUIT AND WIRE AND EXTEND TO NEW LOCATION SHOWN ON SHEET E-203. (AD-4)



UNITS "B" AND "C" ELECTRICAL FIRST FLOOR DEMOLITION PLAN

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

NORTH

GIBRALTAR DESIGN
ARCHITECTURE ENGINEERING INTERIOR DESIGN

PROJECT
TRI-COUNTY INTERMEDIATE SCHOOL - ADDITIONS AND RENOVATIONS
TRI-COUNTY SCHOOL CORPORATION
WOLCOTT, INDIANA

KEY PLAN

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PROJECT 24-118
DATE 10/01/24
COORDINATED BY PCB
DRAWN BY PCB JVC
CHECKED BY JPB

JOSEPH P. BRIGGS REGISTERED NO. 11600109 STATE OF INDIANA ARCHITECT

REVISIONS

MARK	DATE	ISSUED FOR
AD-4	10/30/24	ADDENDUM NO. 4

DRAWING
UNITS "B" AND "C" ELECTRICAL FIRST FLOOR DEMOLITION PLAN

PROJECT
TRI-COUNTY IS - ADDITIONS & RENOVATIONS

SHEET
B,C ED202

Wednesday, 10/30/2024 - 11:47 AM - LAST SAVED BY:JCHAMBERS
Y:\24-118 TRI-COUNTY SC - INTERMEDIATE SCHOOL ADDITION AND RENOVATIONS\24-118 DRAWINGS\09 ELEC\ED202.DWG

GENERAL NOTES:

1. FOR ADDITIONAL GENERAL ELECTRICAL NOTES, SEE GENERAL ELECTRICAL PROJECT NOTES ON SHEET E-001.
2. SEE E-600 SERIES DRAWINGS FOR PANEL SCHEDULES.
3. DIVISION 26 SHALL PROVIDE ALL ROUGH-INS, CONDUITS, RACEWAYS, ETC. FOR THE TECHNOLOGY SYSTEMS (VOICE/DATA, VIDEO, ACCESS CONTROLS, SECURITY SYSTEMS, SCHOOL INTERCOMMUNICATIONS SYSTEMS). DIVISION 27 AND 28 SHALL PROVIDE EQUIPMENT, DEVICES, JACKS/CONNECTORS, CABLING, ETC. FOR THE TECHNOLOGY SYSTEMS TO PROVIDE A COMPLETE AND OPERATIONAL SYSTEM. SEE TECHNOLOGY DRAWINGS FOR ADDITIONAL WORK AND COORDINATION. VERIFY AND COORDINATE EXACT REQUIREMENTS WITH OWNER, CONSTRUCTION MANAGER AND ARCHITECT. AD-4

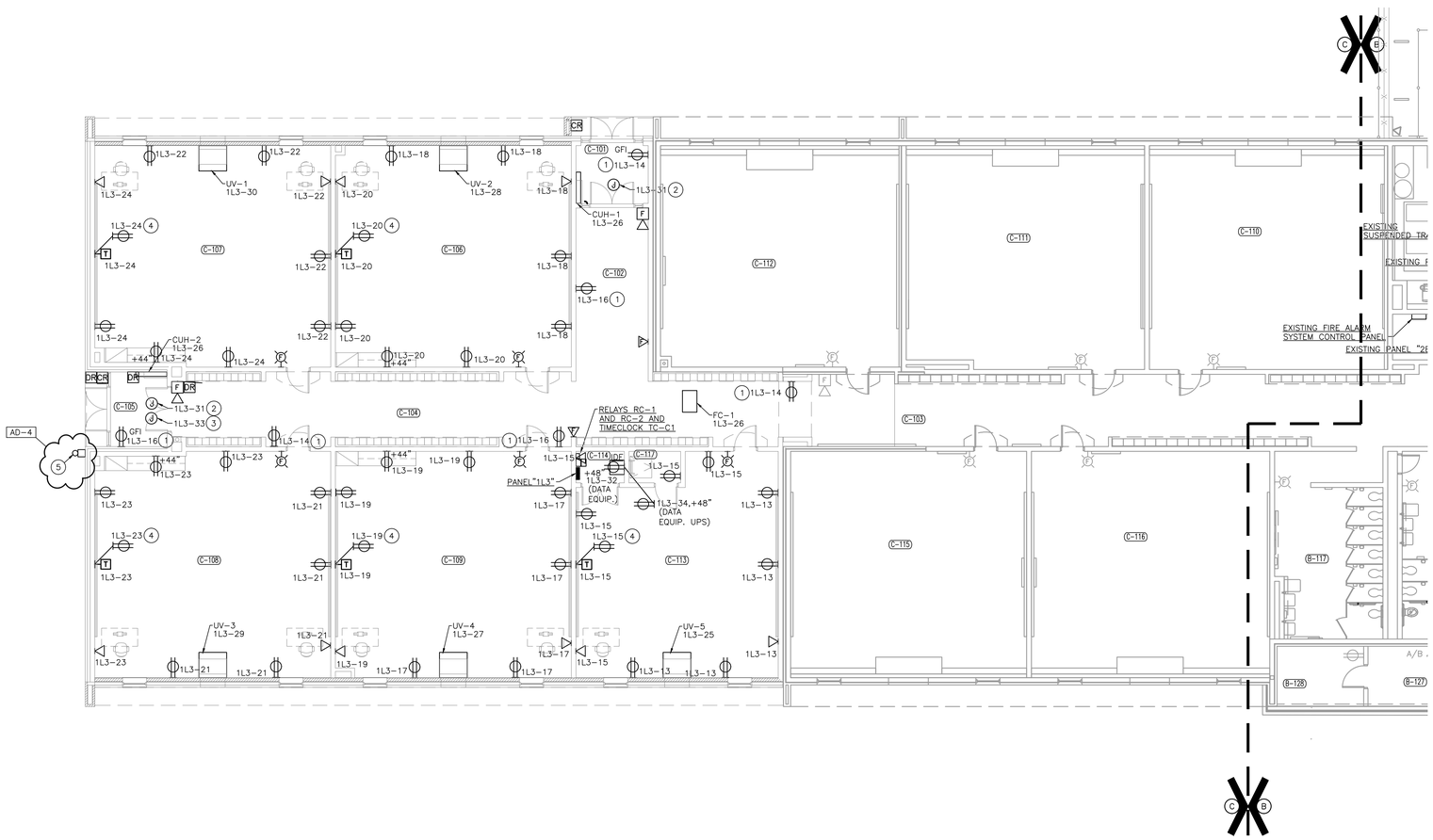
ELECTRICAL PLAN NOTES:

(THESE NOTES APPLY TO THIS SHEET ONLY)

1. 3/4"C, 2-#10 AND 1-#10 GRD
2. PROVIDE ELECTRICAL CONNECTION FOR CARD READER.
3. PROVIDE ELECTRICAL CONNECTION FOR AUTOMATIC DOOR OPERATOR.
4. PROVIDE DUPLEX POWER RECEPTACLE AT +6" BELOW CEILING TO THE TOP OF THE BOX FOR THE BLUE TOOTH SOUND SYSTEM. COORDINATE AND VERIFY EXACT LOCATION WITH THE OWNER, ARCHITECT AND CONSTRUCTION MANAGER PRIOR TO ROUGHING-IN.
5. RELOCATED BELL. INTERCEPT AND EXTEND EXISTING CONDUIT AND WIRE TO RELOCATED BELL. AD-4

ROOM LEGEND

ROOM NO.	ROOM NAME
C-101	VESTIBULE
C-102	CORRIDOR
C-103	CORRIDOR
C-104	CORRIDOR
C-105	VESTIBULE
C-106	CLASSROOM
C-107	CLASSROOM
C-108	CLASSROOM
C-109	CLASSROOM
C-110	CLASSROOM
C-111	CLASSROOM
C-112	CLASSROOM
C-113	LGI
C-114	UTILITY CLOSET
C-115	CLASSROOM
C-116	CLASSROOM
C-117	LADDER



UNIT "C" ELECTRICAL FIRST FLOOR POWER PLAN

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

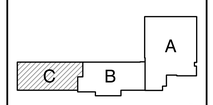
NORTH

GIBRALTAR
DESIGN
ARCHITECTURE ENGINEERING INTERIOR DESIGN

PROJECT

TRI-COUNTY INTERMEDIATE SCHOOL - ADDITIONS AND RENOVATIONS

TRI-COUNTY SCHOOL CORPORATION
WOLCOTT, INDIANA



KEY PLAN

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PROJECT 24-118
DATE 10/01/24
COORDINATED BY PCB
DRAWN BY PCB JVC
CHECKED BY JPB

JOSEPH P. BRIGGS REGISTERED NO. 11600109 STATE OF INDIANA ARCHITECT

REVISIONS

MARK	DATE	ISSUED FOR
AD-3	10/23/24	ADDENDUM NO. 3
AD-4	10/30/24	ADDENDUM NO. 4

DRAWING
UNIT "C" ELECTRICAL FIRST FLOOR POWER PLAN

PROJECT
TRI-COUNTY IS - ADDITIONS & RENOVATIONS

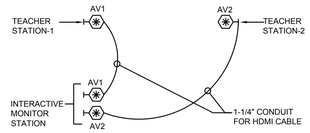
SHEET
C
E-203

Wednesday, 10/30/2024 - 11:16 AM - LAST SAVED BY:JCHAMBERS
Y:\24-118 TRI-COUNTY SC - INTERMEDIATE SCHOOL ADDITION AND RENOVATIONS\24-118 DRAWINGS\09 ELEC\E-203.DWG

GENERAL NOTES

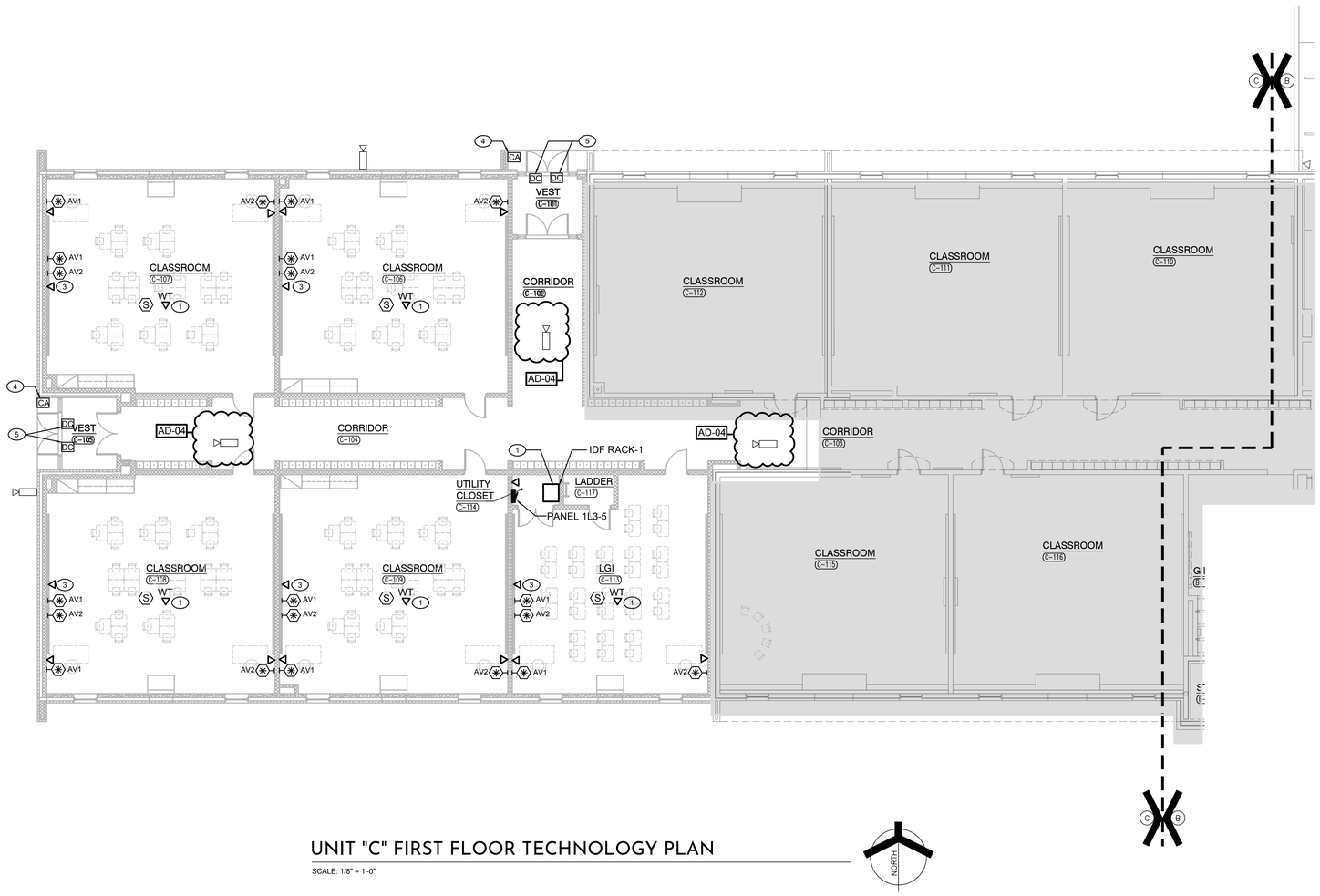
1. REFER TO TECHNOLOGY SYMBOL LIST FOR ADDITIONAL INFORMATION.
2. ALL NEW CABLING REQUIREMENTS ASSOCIATED WITH NEW DEVICES INDICATED ON THIS PLAN SHALL BE EXTENDED TO NEW IDF RACK-1 IN ROOM C-114, UNLESS OTHERWISE NOTED.

TYPICAL CLASSROOM INTERACTIVE MONITOR PROVISIONS



SHEET NOTES

1. RACK-1: INSTALL OWNER FURNISHED WALL MOUNTED RACK WITH FIBER PATCH AND TWO 48 PORT PATCH PANELS TO SERVE NEW ADDITION. CONNECT IDF BACK TO MDF BY 6 STRAND MULTIMODE FIBER. EQUIPMENT IS TO BE INSTALLED INTO RACK PER OWNER DIRECTION UNDER OWNER SUPERVISION.
2. WIRELESS ACCESS POINT: PROVIDE 2 CAT 6 CABLES WITH 10' OF COIL ABOVE CEILING ROUTED BACK TO NEW IDF IN C-114.
3. INTERACTIVE MONITOR: COORDINATE DATA OUTLET WITH POWER RECEPTACLE.
4. CARD READER: PROVIDE ROUGH-IN BACK BOX AND 3/4" CONDUIT STUB ABOVE FINISHED CEILING SPACE AND EXTEND CABLING TO NEW COMMUNICATION RACK IN IDF ROOM C-114. COORDINATE FINAL LOCATION WITH ARCHITECT AND PROVIDE STAINLESS STEEL COVER PLATE. CARD READER SYSTEM TO AND TERMINATIONS TO BE PROVIDED BY OWNER.
5. DOOR CONTACTS: PROVIDE ROUGH-IN 3/4" ROUGH-IN CONDUIT(S) TO NEW DOOR FRAMES AND STUB ABOVE FINISHED CEILING. PROVIDE NYLON PULL STRING. COORDINATE REQUIREMENT WITH DOOR HARDWARE AND FRAMES.



UNIT "C" FIRST FLOOR TECHNOLOGY PLAN

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

GIBRALTAR DESIGN
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PROJECT
TRI-COUNTY INTERMEDIATE SCHOOL - ADDITIONS AND RENOVATIONS
TRI-COUNTY SCHOOL CORPORATION
WOLCOTT, INDIANA

KEY PLAN

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PROJECT 24-118
DATE 10/01/24
COORDINATED BY ZM
DRAWN BY JC
CHECKED BY DJ

DAVID G. JANNEY REGISTERED NO. 10302590 STATE OF INDIANA PROFESSIONAL ENGINEER

REVISIONS

MARK	DATE	ISSUED FOR
AD-02	10/11/24	ADDENDUM 2
AD-03	10/23/24	ADDENDUM 3
AD-04	10/29/24	ADDENDUM 4

DRAWING
UNIT "C" FIRST FLOOR TECHNOLOGY PLAN

PROJECT
TRI-COUNTY IS - ADDITIONS & RENOVATIONS

SHEET C

T-103