

ADDENDUM NO. 2

September 11, 2026

PORTAGE HIGH SCHOOL: 2026 RENOVATIONS PROJECT

**6450 U.S. Highway 6
Portage, IN 46368**

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 August 14, 2026, by Fanning Howey Associates, Inc. Acknowledge receipt of the Addendum in the space provided on the Bid Form. Failure to do so may subject the Bidder to disqualification.

This Addendum consists of Pages ADD 2-1 through ADD 2-3, and attached Addendum No. 2 from Fanning Howey Associates, Inc., dated September 10, 2026, and consisting of 3 pages, Specification Section 27 15 13 - Communication Copper Horizontal Cabling (Category 6A), and 17 drawings.

A. SPECIFICATION SECTION 00 00 20 - TABLE OF CONTENTS

1. ADD:

Specification Section 27 15 13 - Communication Copper Horizontal Cabling (Category 6A)

B. SPECIFICATION SECTION 00 31 00 - INDIANA BID FORM

1. REPLACE:

Specification Section 00 31 00 - Indiana Bid Form with the attached revised Bid Form.

C. SPECIFICATION SECTION 01 12 00 - MULTIPLE CONTRACT SUMMARY

Under 3.03 Bid Categories

A. BID CATEGORY NO. 1 - GENERAL TRADES

1. **ADD:**

Clarification No. 16:

The **Bid Category No. 1 Contractor** is responsible for all work associated with concrete demolition within the cafeteria, including demolition required for the plumbing contractor as shown on the plumbing plans. Scope includes scanning, saw cutting, removal, and concrete pour-back.

B. BID CATEGORY NO. 2 - MASONRY

1. **ADD:**

Clarification No. 7:

The **Bid Category No. 2 Contractor** is responsible to provide all work associated with masonry demolition, infill, and lintels required for ductwork/mechanical openings in the gymnasium, as shown on the mechanical drawings. Coordinate opening sizes and locations with the mechanical contractor.

J. BID CATEGORY NO. 10 - ELECTRICAL

1. **ADD:**

Specification Section 27 15 13 - Communication Copper Horizontal Cabling (Category 6A)

2. **ADD:**

Clarification No. 13:

The **Bid Category No. 10 Contractor** shall select a technology subcontractor(s) from the following list of approved vendors:

MOSS - <https://www.mosstele.com/>

New Age Telecom - <https://gonewage.com>

Tri Electronics - <https://www.tri-electronics.com/>

Union Technology Group - <https://uniontechnologygroup.com/>

Videotec - <https://www.videotecsecurity.com//>

D. SPECIFICATION SECTION 01 23 00 – ALTERNATES

Under 1.04 SCHEDULE OF ALTERNATES

1. ADD:

- D. ALTERNATE NO. 4: State the cost to provide all work associated with the New Sound System in the Gymnasium (C107) as shown on the Technology in Unit C. **Base Bid:** The sound system that comes with the scoreboard to be provided by the Owner.

E. SPECIFICATION SECTION 01 52 60 – RUBBISH CONTAINER

1. REPLACE:

Specification Section 01 52 60 - Rubbish Container, with the attached revised Section.

F. SPECIFICATION SECTION 01 53 30 – BARRICADES

1. REPLACE:

Specification Section 01 53 30 - Barricades, with the attached revised Section.

CONTRACTOR'S BID FOR PUBLIC WORKS FORM NO. 96

Format (Revised 2013)
(Amended for PTS)

Portage High School: 2026 Renovations Project
Portage, IN

PART I

(To be completed for all bids. Please type or print)

Date (month, day, year): _____

BIDDER (Firm) _____

Address _____ P.O. Box _____

City/State/Zip _____

Telephone Number: _____ Email Address: _____

Person to contact regarding this Bid _____

Pursuant to notices given, the undersigned offers to furnish labor and/or materials necessary to complete the public works project of:

Insert Category No. (s) and Name(s)

Of public works project, ***Portage High School: 2026 Renovations Project***, in accordance with Plans and Specifications prepared by ***Fanning Howey Associates, Inc., 350 E. New York St., Suite 300, Indianapolis, IN 46204***, as follows:

BASE BID

For the sum of _____
(Sum in words)

_____ DOLLARS (\$ _____)
(Sum in figures)

The undersigned acknowledges receipt of the following Addenda:

Receipt of Addenda No. (s) _____

Bidder agrees that this Bid shall remain in force for a period of sixty (60) consecutive calendar days from the due date, and Bids may be accepted or rejected during this period. Bids not accepted within said sixty (60) consecutive calendar days shall be deemed rejected.

Has visited the jobsite	YES	NO
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Bidder has included their Written Drug Testing Plan that covers all employees of the bidder who will perform work on the public work project and meets or exceeds the requirements set in IC 4-13-18-5 or IC 4-13-18-6.

Bidder has included:

DBE:	YES	_____ %	NO	_____
MBE:	YES	_____ %	NO	_____
WBE:	YES	_____ %	NO	_____
VBE:	YES	_____ %	NO	_____

The undersigned further agrees to furnish a bond or certified check with this Bid for an amount specified in the Notice to Bidders. If Alternate Bids apply, submit a proposal for each in accordance with the Plans and Specifications.

If additional units of material included in the contract are needed, the cost of units must be the same as that shown in the original contract if accepted by the governmental unit. If the bid is to be awarded on a unit bases, the itemization of the units shall be shown on a separate attachment.

The contractor and his subcontractors, if any, shall not discriminate against or intimidate any employee, or applicant for employment, to be employed in the performance of this contract, with respect to any matter directly or indirectly related to employment because of race, religion, color, sex, national origin or ancestry. Breach of this covenant may be regarded as a material breach of the contract.

CERTIFICATION OF USE OF UNITED STATES STEEL PRODUCTS (if applicable)

I, the undersigned bidder, or agent as a contractor on a public works project, understand my statutory obligation to use steel products made in the United States (I.C. 5-16-8-2). I hereby certify that I and all subcontractors employed by me for this project will use U.S. steel on this project if awarded. I understand that violations hereunder may result in forfeiture of contractual payments.

ALTERNATE BIDS

A blank entry or an entry of "No Bid", "N/A", or similar entry on any Alternate will cause the bid to be rejected as non-responsive only if that Alternate is selected. If no change in the bid amount is required, indicate "No Change".

****MARK "ADD" OR "DEDUCT" FOR EACH ALTERNATE****

Alternate Bid No. 1 – Epoxy Terrazzo Flooring and Terrazzo Base

Change the Base Bid the sum of _____
(sum in words)

_____ DOLLARS (\$_____) ADD
(sum in figures) DEDUCT

Alternate Bid No. 2 – Mat Hoist

Change the Base Bid the sum of _____
(sum in words)

_____ DOLLARS (\$_____) ADD
(sum in figures) DEDUCT

Alternate Bid No. 3 – New EPDM Roof Membrane

Change the Base Bid the sum of _____
(sum in words)

_____ DOLLARS (\$_____) ADD
(sum in figures) DEDUCT

Alternate Bid No. 4 – New Sound System in Gymnasium (C107)

Change the Base Bid the sum of _____
(sum in words)

_____ DOLLARS (\$_____) ADD
(sum in figures) DEDUCT

PART II

(For projects of \$150,000 or more – IC 36-1-12-4)

These statements to be submitted under oath by each bidder with and as a part of his bid. (Attach additional pages for each section as needed.)

SECTION I EXPERIENCE QUESTIONNAIRE

1. What public works projects has your organization completed for the period of one (1) year prior to the date of the current bid?

Contract Amount	Class of Work	Completion Date	Name and Address of Owner

2. What public works projects are now in process of construction by your organization?

Contract Amount	Class of Work	Completion Date	Name and Address of Owner

3. Have you ever failed to complete any work awarded to you?_____If so, where and why?

4. List references from private firms for which you have performed work.

SECTION II PLAN AND EQUIPMENT QUESTIONNAIRE

1. Explain your plan or layout for performing proposed Work. (Examples could include a narrative of when you could begin, complete the project, number of workers, etc. and any other information which you believe would enable the governmental unit to consider your bid.)

2. Please list the names and addresses of all subcontractors (i.e. persons or firms outside your own firm who have performed part of the work) that you have used on public works projects during the past five (5) years along with a brief description of the work done by each subcontractor.

3. If you intend to sublet any portion of the work, state the name and addresses of each subcontractor, equipment to be used by the subcontractor, and whether you will required a bond. However, if you are unable to currently provide a listing, please understand a listing must be provided prior to contract approval. Until the completion of the proposed project, you are under a continuing obligation to immediately notify the governmental unit in the event that you subsequently determine that you will use a subcontractor on the proposed project.

4. What equipment do you have available to use for the proposed Project? Any equipment used by subcontractors may also be required to be listed by the governmental unit.

5. Have you entered into contracts or received offers for all materials which substantiate the prices used in preparing your proposal? If not, please explain the rationale used which corroborate the process listed.

SECTION III CONTRACTOR'S FINANCIAL STATEMENT

Attachment of Bidder's financial statement is mandatory. Any Bid submitted without said financial statement as required by statute shall thereby be rendered invalid. The financial statement provided hereunder to the governing body awarding the Contract must be specific enough in detail so that said governing body can make a proper determination of the Bidder's capability for completing the Project if awarded.

SECTION IV CONTRACTOR NON-COLLUSION AFFIDAVIT

The undersigned Bidder or agent, being duly sworn on oath, says that he has not, nor has any other member, representative, or agent of the firm, company, corporation or partnership represented by him, entered into any combination, collusion or agreement with any person relative to the price to be bid by anyone at such letting nor to prevent any person from bidding nor to include anyone to refrain from bidding, and that this Bid is made without reference to any other bid and without any agreement, understanding or combination with any other person in reference to such bidding.

He further says that no person or persons, firms, or corporations has, have, or will receive directly or indirectly, any rebate, fee, gift, commission, or thing of value on account of such contract.

SECTION V OATH AND AFFIRMATION

I HEREBY AFFIRM UNDER THE PENALTIES OF PERJURY THAT THE FACTS AND INFORMATION CONTAINED IN THE FOREGOING BID FOR PUBLIC WORKS ARE TRUE AND CORRECT

Dated at _____ this _____ day of _____, 20

(Name of Organization)

By

(Title of Person Signing)

ACKNOWLEDGEMENT

STATE OF _____)
) SS:
COUNTY OF _____)

Before me, a Notary Public, personally appeared the above-named

Swore that the statements contained in the foregoing document are true and correct.

Subscribed and sworn to before me this _____ day of _____,

(Title)

Notary Public

My Commission Expires: _____

County of Residence: _____

END OF SECTION 00 31 00

SECTION 01 52 60 - RUBBISH CONTAINER

PART 1 - GENERAL

1.01 RELATED DOCUMENTS

- A. Drawings and general provisions of the Contract, including amended General Conditions and other Division 1 Specification Sections, apply to work of this Section.
- B. Contractors having Building Demolition, Sitework, Masonry, Roofing and Drywall assigned to their scope of work are to provide their own rubbish containers for their waste and debris (See Section 01 56 90, Paragraph 3.01C)

1.02 RUBBISH CONTAINER

- A. **The Bid Category No. 1 Contractor** shall provide 200 (30 c.y.) dumpster type rubbish containers sized adequate for the Project waste, debris, and rubbish for all Contractors, except as specified in 1.01.B above, for the life of the Project.
- B. Dispose of container contents weekly or at more frequent intervals if required by inadequate container capacity or as directed by the Construction Manager.
- C. **Provide ten (10) one cubic yard mobile trash carts that can be used during the project by all Contractors, after the initial floors are cast.**
 - 1. **The Bid Category No. 1 Contractor shall empty all one cubic yard trash carts at the end of the workday, regardless of the Prime Contractor filling the cart. All trash carts shall be returned to their appropriate spot upon being emptied. The Bid Category No. 1 Contractor will be fined \$50 for every cart not emptied and returned to the original assigned location, as determined by the Construction Manager.**
 - 2. **The Masonry and Drywall Contractors are not permitted to use the one cubic yard trash carts supplied by the Bid Category No. 1 Contractor. The Masonry and Drywall Contractors are to supply sufficient trash carts to remove their debris on a daily basis. A \$50 fine will be assessed for each cart container not emptied at the end of the day, as determined by the Construction Manager.**

1.03 TRASH CHUTES

- A. Erect suitable, closed, relatively dust-free chutes for the use by all trades during construction above ground floor. No material or debris will be permitted to drop free.
 - 1. Coordinate this installation with the Construction Manager and other Contractors.

END OF SECTION 01 52 60

SECTION 01 53 30 - BARRICADES

PART 1 - GENERAL

1.01 RELATED DOCUMENTS

- A. Drawings and general provisions of the Contract, including amended General Conditions and other Division-1 Specification Sections, apply to work of this Section.

1.02 BARRICADES

- A. The **Bid Category No. 1 Contractor** shall provide wire rope perimeter cabling in accordance with OSHA at elevated floor slab edges and openings framed of steel.
 - 1. Cabling shall be erected prior to placing of concrete slabs.
- B. The **Bid Category No. 1 Contractor** shall provide and maintain OSHA approved toe boards at all elevated floor slab edges and openings.
 - 1. Maintain and relocate as the work progresses the cabling installed by the Structural Steel Contractor and toe boards installed by this contract.
 - 2. Dismantle and discard the cabling installed by the Structural Steel Contractor and toe boards installed by this contract when no longer of service.
- C. The **Bid Category No. 1 Contractor** shall provide and maintain OSHA approved top rail, mid rail and toe boards at all elevated floor slab edges and openings not framed of steel.
 - 1. Maintain and relocate as the work progresses the railing and toe boards installed by this contract.
 - 2. Dismantle and discard when no longer of service.

PART 2 - PRODUCTS, PART 3 - EXECUTION (Not Used)

END OF SECTION 01 53 30

ADDENDUM NO. 2

Portage High School: 2026 Renovations

Portage Township School
Portage, Indiana

Project No. 226023.00

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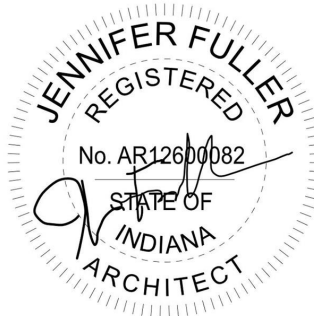
Addendum No. 2, 6 items, 2 pages

New Project Manual Section 27 15 13 Communication Copper Horizontal Cabling (Category 6A)
Revised Drawing Sheets: AD-11A, AD-11B, AD-12C, A-11B, A-12C, AC-11B, I-11B, I-601, MD11B, MV12C,
ET11C, E-11A, EP11B, E-601, TD101, TD102, and T-11C

Date: September 10, 2026

I hereby certify that this Addendum was prepared by me or under my direct supervision and that I am a duly registered Architect/Engineer under the Laws of the State of Indiana.

FANNING/HOWEY ASSOCIATES, INC.
ARCHITECTS/ENGINEERS/CONSULTANTS



Jennifer Fuller, License No. AR12600082
Expiration Date: 12/31/2026

TO: ALL BIDDERS OF RECORD

ADDENDUM NO. 2 to Drawings and Project Manual, dated August 14, 2026, for the Portage High School: 2026 Renovations for Portage Township Schools, 6240 US Highway 6, Portage, Indiana 46368; as prepared by Fanning/Howey Associates, Inc., Indianapolis, Indiana. This Addendum shall hereby be and become a part of the Contract Documents the same as if originally bound thereto.

The following clarifications, amendments, additions, revisions, changes, and modifications change the original Contract Documents only in the amount and to the extent hereinafter specified in this Addendum.

Each bidder shall acknowledge receipt of this Addendum in his proposal or bid.

NOTE: Bidders are responsible for becoming familiar with every item of this Addendum. (This includes miscellaneous items at the very end of this Addendum.)

RE: ALL BIDDERS

ITEM NO. 1. NEW PROJECT MANUAL SECTION

- A. New Project Manual Section 27 15 13 Communication Copper Horizontal Cabling (Category 6A) is included with and hereby made a part of this Addendum.

ITEM NO. 2. PROJECT MANUAL, SECTION 22 13 16 – SANITARY, WASTE, AND VENT PIPING SYSTEM

- A. Article 1.2, B.: Delete in its entirety. Seismic performance is not a Project requirement for this location.
- B. Article 2.5, A.: Add sub-paragraph 4. as follows:
- “4. An option for above ceiling can be PVC for venting. The above ceiling return is a return air plenum, not ducted return, so any PVC vent pipe above the ceiling would need wrapped in plenum-rated insulation that meets the 25/50 flame-spread and smoke development requirements. This must be a foil-faced, plenum-rated fire wrap or a specially listed fiberglass pipe assembly.”

ITEM NO. 3. PROJECT MANUAL, SECTION 23 01 30 - HVAC AIR DUCT CLEANING

- A. Article 3.2, A.: Change paragraph A. to as follows:

“A. Engage a qualified ASCS to clean the following systems associated with AHU-L6.”

ITEM NO. 4. PROJECT MANUAL, SECTION 26 51 00 – INTERIOR LIGHTING

- A. Article 1.8.: Delete in its entirety.

ITEM NO. 5. DRAWING SHEET EF11B – FIRE ALARM PLAN - UNIT B

- A. Add General Note 4. as follows:

- “4. The existing system is a Notifier System. If any inspection reports exist, can be made after the bid opening.”

ITEM NO. 6. REVISED DRAWING SHEETS

Drawing Sheets: AD-11A, AD-11B, AD-12C, A-11B, A-12C, AC-11B, I-11B, I-601, MD11B, MV12C, ET11C, E-11A, EP11B, E-601, TD101, TD102, and T-11C have been revised, dated 9/10/26, and is included with and hereby made a part of this Addendum. These Drawings supersede the original documents.

END OF ADDENDUM

SECTION 27 15 13 - COMMUNICATIONS COPPER HORIZONTAL CABLING

(CATEGORY 6A)

PART 1 - GENERAL

1.1 RELATED DOCUMENTS

- A. Drawings and general provisions of the Contract, including General and Supplementary Conditions and other Division 01 Specification Sections, apply to this Section.

1.2 SUMMARY

- A. Section includes, but is not limited to the following:
1. Not Used
 2. Category 6A Horizontal Cabling
 3. Patch panels compatible with the structured cabling system
 4. Patch cables compatible with the structured cabling system
 5. Modular jacks
 6. Installation and Termination of all horizontal cabling
 7. Testing of all horizontal cabling
- B. Related section includes the following:
1. Division 01 – All Sections
 2. Division 26 - Electrical
 3. Division 27 – Communications Sections
 4. Division 28- Electronic safety and Security.

1.3 DESCRIPTION OF WORK

- A. Provide labor, material, equipment, terminations, and accessories necessary for a complete and operational communications copper horizontal cabling system as indicated on the Drawings and specified herein. The contractor shall furnish the equipment, accessories and necessary material as described herein.

- B. All cabling to be Cat6a or higher with colors indicated below.

C.

Telecommunications Color Legend				
System	Termination (RJ45)	Cable	Patch Cable (Patch Panel)	Patch Cable (Station)
Data	Yellow	Yellow	Yellow	Yellow
Wireless	Orange	Orange	Orange	Orange
Camera	Green	Green	Green	Green
Access	Red	Red	Red	Red
HVAC	Red	Red	Red	Red
Phones	Blue	Blue	Blue	Blue
TV's and Signage	Pink	Pink	Pink	Pink

- D. Provide communications copper horizontal cabling from each communication jack to each

TR/MC/ER as described here and as shown on the drawings. No Bridged Taps and/or splices shall be installed in any of the horizontal cabling.

- E. The maximum allowable horizontal cable length is 295 feet. This maximum allowable length does not include an allowance for the length of 16 feet to the workstation equipment or in the horizontal cross-connect.
- F. The modular computer/data eight-position jack shall match the color scheme of EIA-568 B as follows:
 - 1. Pair 1: Pin 4 - Blue; Pin 5 - White-Blue
 - 2. Pair 2: Pin 1 - White-Orange; Pin 2 – Orange
 - 3. Pair 3: Pin 3 - White-Green; Pin 6 – Green
 - 4. Pair 4: Pin 7 - White-Brown; Pin 8 – Brown
- G. Contractor shall coordinate the extension of the electrical service from the electrical junction box located in the room to each communications cabinets/rack with the Site Electrical Contractor.

1.4 QUALITY ASSURANCE

- A. Communications horizontal cabling system components and equipment shall be listed by Underwriters Laboratories, Inc. and the components shall bear the UL label.
- B. The Communications Copper Horizontal Cabling System shall be installed in accordance with all requirements set by all applicable standards, codes, and regulations including but not limited to the standards referenced in Section 270500 – Common Work Results for Communications.
- C. All equipment and installation practices shall comply with the latest BICSI (TDM) standards.
- D. Installer shall employ or have a contract with a Registered Communications Distribution Designer (RCDD) registered with the Building Industries Consulting Services International (BICSI).
- E. Installer must have personnel certified by BICSI on staff.
- F. Installation Supervision: Installation shall be under the direct supervision of ITS Technician
- G. Field Inspector: Currently registered by BICSI as an RCDD to perform the on-site inspection.

1.5 CERTIFICATION

- A. Cabling Contractor shall provide the services of a component manufacturer and provide equipment listed by Underwriters Laboratories, Inc. The Contractor shall issue a equipment certification stating that the equipment and connected wiring and devices which form the specified system, together with installation have a 20-year Application Assurance and 20-year Extended Product Warranty on Registered Installation, and are in compliance with the requirements established by TIA/EIA 568, 569, and BICSI Standards.
- B. The certificate shall be submitted with the shop drawings.

1.6 SUBMITTALS / RECORD DRAWINGS / MAINTENANCE MANUALS

- A. Shop Drawings
 - 1. Provide complete and comprehensive shop drawings with labeling, etc. to the Architect/Engineer for approval.
 - 2. The manufacturer's statement of warranty shall be included in the shop drawing submittals.
 - 3. Drawings shall be provided in PDF format.
- B. See Common Work Results for Communications section 270500 for more submittal requirements.

- C. Provide record drawings and maintenance manual; see section – "Operation and Maintenance of Communications Systems".
- D. Contractor shall include the following with their submittal:
 - 1. Manufacturer's Certificate stating each testing device used on the project and shall contain the most current revision of software.
 - 2. Manufacturer's Certificate stating that each testing device used on the project has been calibrated within the last 12 months.

1.7 WARRANTY

- A. All components, parts, and assemblies of the Communications Copper Horizontal Cabling System supplied by the installer shall be guaranteed against defects in materials and workmanship for a period of 20 years by the manufacturer and installer.
- B. Warranties shall include all labor, material, travel expenses, test equipment, equipment rental and any other expense required to troubleshoot, remove, repair or replace equipment or components to bring the system up to the original performance criteria and operation.
- C. Warranty services shall be provided by an installer certified by the equipment manufacturer during normal business hours.
- D. Provide warranty certificate as part of the closeout documentation.

1.8 TRAINING

- A. Provide training as specified in section titled "Demonstration, Training, and Warranty of Communications Systems".

PART 2 - PRODUCTS

2.0 Approved Plenum Cat6A Manufacturers: Belden, BerkTek, General, Hitachi, Hubbell, Mohawk, Panduit, Siemon, Superior Essex

Approved Plenum OSP Cat6A Manufacturers: Belden, BerkTek, General, Hitachi, Mohawk, Panduit, Siemon, Superior Essex

Approved OSP Cat6A Protector Manufacturers: Circa, Cyclix, Emerson, Marconni, Tii Tech

Approved Outlet/Connector Manufacturers: Panduit

Approved Faceplate Manufacturers: Panduit

Approved Patch Panel/Patch Cable Manufacturers: Panduit

2.1 HORIZONTAL CABLE AND CONNECTIVITY PRODUCTS

- A. Contractors shall provide a system where the connectivity hardware and cable manufacturer used for the infrastructure have formed a partnership to create a complete channel solution. This solution shall provide standards based performance warranted by the connectivity manufacturer.

2.2 TELECOMMUNICATIONS OUTLET/CONNECTOR

- A. Provide a flush mounted modular data jack RJ-45 to fit in a one or two gang 3-1/2 inch deep box and/or to fit in the surface mounted raceway or floor boxes as shown on the Drawings and as specified herein.

- B. Data jacks shall be 8-position configurations and shall meet all the transmission performance of specified cable.
- C. The data jacks shall be UL listed and must meet TIA/EIA 568B.2 requirements.
- D. The data jacks to be wired to TIA/EIA 568B color scheme.
- E. Modular data jacks shall be mounted in modular cover plates.
- F. Provide one spare bag/box of each color of RJ-45 jacks used to the owner.
- G. **BASIS OF DESIGN:** PANDUIT CJ688TGXX & CJ6X88TGXX

2.3 MODULAR COVER PLATES

- A. Telecommunications outlet/connector faceplates shall be appropriately mounted (e.g., single-gang boxes, double-gang boxes, box eliminators, surface mount boxes, floor monuments/boxes). Flush or surface mount outlets designed for mounting of wall telephones shall use the dimensions of the mounting place and outlet/connector in ANSI/TIA-570-C or local equivalent compatible with wall-mounted telephones to be attached to the faceplates.
- B. Provide decorative modular mounting frames for all jacks in surface raceway.
- C. Provide cover plate in floor boxes to match receptacle cover plates (verify with site electrical contractor).
- D. Wall jacks shall be mounted on stainless steel plate (Panduit KWP6Y) where required.
- E. Cover plate shall be adjustable either in field or by factory (1/4 inch minimum).
- F. Provide blanks in cover plates and floor boxes.
- G. **BASIS OF DESIGN:** PANDUIT CBE*Y, CBE*-2GY, CBX2XX-AY

2.4 STAINLESS STEEL COVER PLATES

- A. Provide stainless steel cover plates to fit the modular jacks as shown on the Drawings.
- B. Stainless steel cover plate shall be single gang or double gang.
- C. Provide stainless steel cover plates in the following areas:
 - 1. Lobby
 - 2. Corridors
 - 3. Gymnasium
 - 4. Auditorium
 - 5. Cafeteria
 - 6. Large Group Instruction – Room with risers
 - 7. Kitchen
 - 8. Any other areas as directed by Owner or Architect/Engineer.
- D. **BASIS OF DESIGN:** PANDUIT CFPSLXSY

2.5 WEATHER PROOF COVERPLATE

- A. Weather resistant receptacles are designed with nylon and corrosion resistant metal components. When installed in an approved weather protective cover, weather resistant receptacles offer extra durable protection from rain, snow, ice, moisture and humidity.
- B. Provide weather proof cover plate for all outdoor devices.

C. **BASIS OF DESIGN:** PANDUIT CFPWR4CXX

2.6 COPPER PATCH PANELS

- A. Provide 24 or 48 port modular patch panels to termination of the UTP cabling as indicated on the drawings.
- B. Patch panels shall be easy to identify with pre-printed numbers, write-on areas and optional label kits.
- C. Provide a dedicated 24 or 48 port RJ45 patch panel for termination of all UTP cables for each system independently if possible with front and back cable management.
- D. Patch panels shall meet or exceed all transmission performance of the specified cable as outlined in TIA/EIA-568B.2, TSB-95.
- E. Each RJ45 jack shall be terminated with all 4 pair of UTP wire and shall be wired to meet TIA/EIA 568B color scheme.
- F. Provide wire management for data switches in each rack/cabinet.
- G. **BASIS OF DESIGN:** PANDUIT CPP24FMWBLY & CPP48FMWBLY

2.7 PATCH CORDS

- A. Provide factory made, four-pair patch cables terminated with an eight-position modular plug at each end for each horizontal cable run indicated on the drawings.
 - 1. Provide 10 foot patch cable for each horizontal cable run at each telecommunications outlet end.
 - 2. Provide 50% 1 foot small diameter patch cables, 40% 6 inch small diameter patch cables, and 10% 3 foot small diameter patch cables for each horizontal cable run at the patch panel end.
- B. Patch cable shall be the same category of the horizontal cabling run.
- C. Approved manufacturers:
 - 1. Panduit

2.8 CATEGORY 6A COPPER HORIZONTAL CABLING

- A. The copper horizontal cable shall be four unshielded twisted pair (UTP), 23 AWG, solid bare CU, FEP insulation for all 4 pairs.
- B. Cable shall be certified to meet transmission characteristics of Category 6A cable at frequencies up to 500 MHz.
- C. Standard: Comply with ANSI/TIA-568.2-D for Category 6a cables.
- D. Conductors: 100-ohm, 23 AWG solid copper.
- E. Shielding/Screening: Unshielded twisted pairs (UTP).
- F. Cable Rating: Plenum.
- G. Pair twisting shall be maintained to meet the cable performance but, maximum category cable untwisting allowed is one half (1/2) inch, cable diameter .2-inch.

H. **BASIS OF DESIGN:** Superior Essex - 6A-272-xB, x = color

2.9 WIRELESS ACCESS POINTS, CAMERA AND VIDEO PROJECTOR LOCATIONS

A. Cable Connection

1. Provide two port plenum rated surface mount boxes to terminate the appropriately rated RJ45 jack and cable.
2. Provide 5 foot patch cord as required.
3. Patch the wireless access point, camera and video projector to the data jack in the box above the ceiling.
4. Place a color dot sticker on the ceiling grid to locate the cable location from the floor in common areas.
5. If cable run is under 295', leave a 20' cable coil on these cables for flexibility of mounting the associated equipment. Do not leave this excess if the coil will make the overall cable be over footage.

B. **BASIS OF DESIGN** – PANDUIT CBX SERIES

PART 3 - EXECUTION

3.1 INSTALLATION

- A. Provide communications copper horizontal cabling connectors, jacks, coverplate, blank inserts, patch panels, cords, etc., as specified herein, and as shown on the drawings.
- B. Cabling at patch panels shall be terminated in numerical order, so as to provide a logical pattern that will provide the end user the greatest ease in the system administration.
- C. The ICT infrastructure shall be clearly labeled to identify all system components, including racks, cables, panels, and telecommunications outlet/connectors. The labeling system shall be machine printed and shall uniquely identify the cable origin and destination. See labeling details for more information.

3.2 UNSHIELDED TWISTED PAIR CABLE (UTP)

- A. Maximum pulling force shall be as recommended by the manufacturers and the maximum bending radius shall be (10) times the cable diameter.
- B. Outdoor computer/data cable shall be used in all floor box locations where concrete is slab on grade.
- C. Outdoor cable shall be used for the utility metering system with service entrance protection.
- D. Terminate the data jacks per the manufacturer's recommendations and ensure the termination bar is positioned as close as possible to the cable jacket edge.

3.3 CABLE PULLING

- A. Cable pulleys must be used when pulling cable around multiple bends and corners of wireways. Pulleys shall have a minimum diameter of 6 inches.
- B. Cable rollers used for pulling cable in cable tray shall be mounted close to wireway supports and shall be placed at the beginning of the run and spaced every 25 feet along the run.
- C. Providing cable slack is recommended to enable the possibility of future changes in the horizontal cabling system configuration:

- In the TR:

- Balanced twisted-pair cabling – ≈3 m (10 ft.)

- Optical fiber cabling – ≈3 m (10 ft.)
- In the work area:
- Balanced twisted-pair cabling – ≈0.3 m (1 ft.)
- Optical fiber cabling – ≈1 m (3.3 ft.)

Cable slack shall be taken into consideration in the total length of the horizontal cabling system.

- D. Support service loop above ceiling properly.

3.4 LABELING AND MARKING

- A. See Drawings for Technology Schedules for more information and notes.
- B. Contractor shall install labels as follows:
 1. • Cables shall be identified at each end with a permanent label. The same alphanumeric identifiers shall be used at both ends of the cable and on the faceplate.
 2. • The labeling will indicate the type, function, and terminating position, preferably using a scheme such as ANSI/TIA-606-B or ISO/IEC 14763-2-1.
 3. Color coding the cables by function (e.g., LAN, voice, fire alarm, environmental control) may be helpful. Different cable jacket colors may be used to distinguish the service type (e.g., voice and data).

3.5 CABLE SEPARATION FROM POWER WIRING

- A. Between the cabling system and any fluorescent, neon, incandescent, or high intensity discharge lamp fixtures, the minimum distance shall be 5 inches.
- B. Cable may be installed closer to lighting and convenience outlet power cable (single phase, 120V, 20A maximum), in metal cable channels for limited distances if the following guidelines are observed:
 1. Coincident (parallel) runs of no more than 15 feet are permissible if a 1 inch separation between the power cable and the cabling system cable is maintained by separators or suitable retention hardware. If necessary, the separation may be less than 1 inch for a run of up to 6 inches if no contact between the cabling system cable and the power cable occur.
 2. Coincident runs of no more than 30 feet are permissible if a 2 inch separation is maintained. The separation may be less than 2 inches for a run of up to 12 inches, if no contact occurs between the cabling system cable and the power cable.

3.6 TESTING

- A. The Cabling Contractor shall be responsible for testing each horizontal cable run, patch panel, and patch cables to verify the performance of the channel warranty for the horizontal cabling system as defined in TIA/EIA TSB-67.
- B. The contractor shall configure the tester for the cable and connectors used in the installation.
- C. The contractor shall calibrate the tester to the newest software.
- D. The contractor shall use the same tester(s) from the same manufacturer for the entire project(s).
- E. All test reports shall look the same and shall be done with the same manufacture tester to assure all test results have the same appearance.
- F. The contractor shall turn in all passing copper/fiber test results. Partial, failed or quick tests shall NOT be accepted, all test results shall be PDF format when submitted with the close out

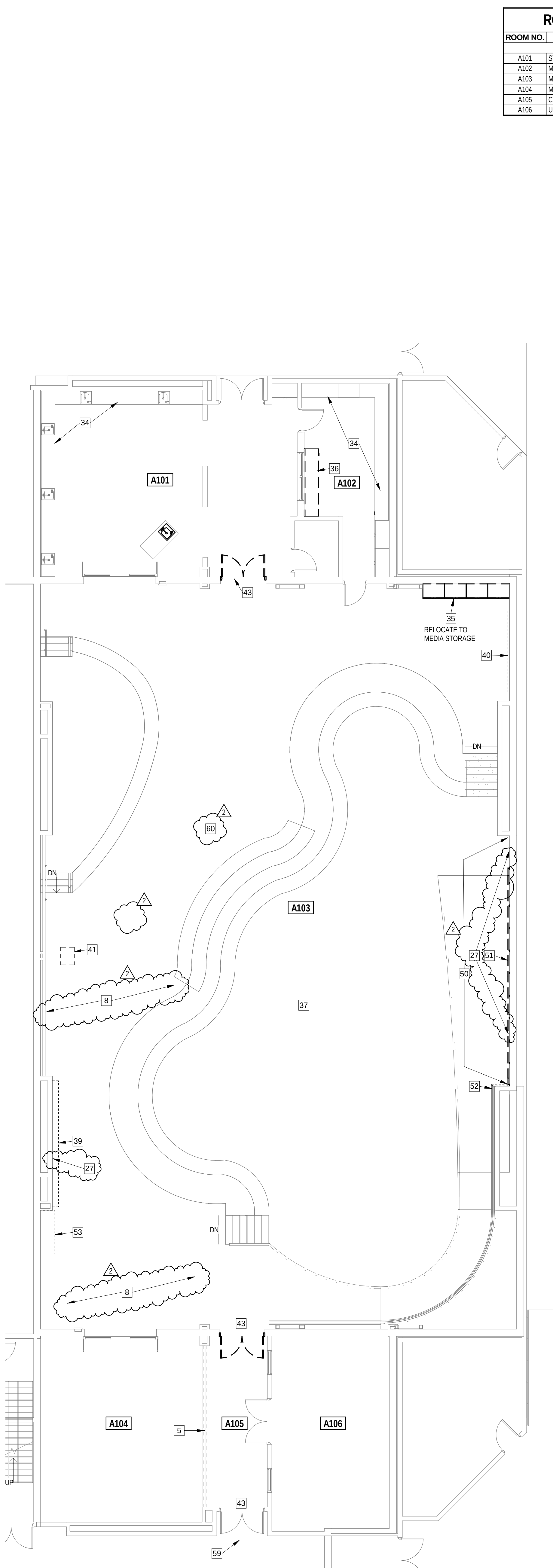
documents.

G. System and Wiring Testing, Checking, and Reports:

1. Cabling Contractor shall provide necessary technical personnel and testing instruments as required to perform complete testing of all systems installed by Contractor and coordinate this testing activity with the Architect/Engineer and Owner's representative.
2. All wiring, terminations, equipment, etc. shall be checked and tested by qualified field representative or equipment vendor. A report shall be submitted to Architect/Engineer and Commissioning Agent by vendor representative and/or Contractor indicating results of such final check-out and testing processes. Final payment will not be approved until such report is submitted and any "failure" results are corrected.
3. Cabling Contractor shall conduct such other tests and make necessary adjustments of equipment and installation infrastructure required by Architect/Engineer and/or Commissioning Agent, as requested or necessary to verify performance requirements. Submit all data gathering information taken during such tests to Architect/Engineer and Commissioning Agent.
4. Cabling Contractor must input the specified cable parameters, manufacturers' name and number in the tester. (Test results will not be accepted with generic or not applicable cable types.)
5. Reporting to be done in compliance with standards and schedules published by authority and agencies defined in the Specifications.

END OF SECTION 27 15 13

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LEARNING LAB DEMOLITION PLAN

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

ROOM LEGEND - UNIT A		
ROOM NO.	ROOM NAME	AREA (SF)
A101	STEM LAB	890 SF
A102	MEDIA WORKROOM	274 SF
A103	MEDIA CENTER	6,571 SF
A104	MEDIA COMMONS	582 SF
A105	CORRIDOR	214 SF
A106	UTILITY	438 SF

ARCHITECTURAL DEMOLITION GENERAL NOTES

- DEMOLITION IS TO FOLLOW ESTABLISHED CONSTRUCTION SEQUENCE. CONTRACTOR IS TO VERIFY THEIR WORK IN THE FIELD WITH THE DEMOLITION DRAWINGS, NEW CONSTRUCTION DRAWINGS, AND THE EXISTING IN-FIELD CONDITIONS. REPORT DISCREPANCIES TO THE ARCHITECT.
- "FLOORING" DENOTES FLOOR COVERING MATERIALS INCLUDING BACKINGS, ADHESIVES, BASES, DOWN TO BUT EXCLUSIVE OF FLOOR SLABS AND STRUCTURAL MATERIALS, UNLESS NOTED OTHERWISE.
- "CEILING" DENOTES CEILING MATERIALS INCLUDING SUSPENSION SYSTEMS, ADHESIVE RESIDUES, MOLDINGS, UP TO BUT EXCLUSIVE OF STRUCTURAL MATERIALS. WALLS TO BE REMOVED SHALL BE REMOVED TO A POINT 2" (MIN) BELOW THE EXISTING FLOOR SLAB (UNLESS SETTING ON SLAB). PATCH WITH NEW CONCRETE TO BE FLUSH WITH THE EXISTING FLOOR SLAB.
- WHEN OPENINGS ARE CUT INTO AN EXISTING WALL, THE OPENING SHALL BE A MINIMUM OF 1'-4" LONGER THAN THE FINISHED OPENING REQUIRED TO ALLOW FOR 8" (MIN) OF NEW CMU TOOTHED-IN AT EDGES.
- AFTER THE DEMOLITION OF MATERIALS, THE RESULTING EXPOSED SURFACE SHALL BE SMOOTH AND FLUSH WITH EXISTING CONDITIONS.
- MECHANICAL AND ELECTRICAL ITEMS THAT ARE CAPPED AND ABANDONED SHALL BE LOCATED BEHIND FINAL FINISH SYSTEMS.
- COORDINATE THIS WORK WITH DEMOLITION WORK ON SITE, STRUCTURAL, PLUMBING, MECHANICAL, AND ELECTRICAL.
- PROVIDE INTERIOR AND EXTERIOR SHORING, BRACING, OR SUPPORT TO PREVENT MOVEMENT OR SETTLEMENT OF EXISTING STRUCTURES.
- CONTRACTOR TO FIELD VERIFY PORTIONS OR SECTIONS OF EXISTING WALLS TO BE FILLED IN AND SALVAGE NECESSARY MATERIAL.
- MATERIALS OF DEMOLITION SHALL BE DISPOSED OF OFF-SITE UNLESS OTHERWISE DIRECTED BY OWNER.
- OWNER TO REMOVE EXISTING FURNITURE AND MISCELLANEOUS ITEMS NOT SHOWN AND NOT TO BE DEMOLISHED. CONTRACTOR TO NOTIFY OWNER IN ADVANCE WHEN ITEMS NEED TO BE REMOVED. CONTRACTOR IS RESPONSIBLE FOR OTHER ITEMS TO BE REMOVED.
- ALL HUNG WALL BANNERS SHOULD BE REMOVED AND TURNED OVER TO OWNER.
- ITEMS TO BE PATCHED. REMOVE ALL LOOSE OR DAMAGED MATERIAL, REFINISH TO LIKE NEW CONDITION, OR IF CONDITION WARRANTS REPLACE IN ENTIRETY.
- THE OWNER SHALL RESERVE RIGHT TO CLAIM ANY MATERIALS THAT ARE BEING DEMOLISHED PRIOR TO THE CONTRACTOR DISPOSING OF THEM OFF SITE.
- "TURNED OVER TO THE OWNER" DENOTES: 1) TAG AND IDENTIFY ITEMS; 2) STORE IN AN ORDERLY FASHION IN A LOCATION DESIGNATED BY THE OWNER.
- ITEMS MADE OBSOLETE TO ACCOMMODATE NEW CONSTRUCTION OR RENOVATION SHALL BE REMOVED. ITEMS TO BE REMOVED SHALL BE REMOVED IN THEIR ENTIRETY.
- AFTER REMOVAL OF ITEMS, THE EXISTING WALL SURFACES (IF EXPOSED) SHALL BE REPAIRED/PATCHED AS REQUIRED TO RECEIVE NEW FINISHES.
- REFER TO REFLECTED CEILING GENERAL NOTES FOR ADDITIONAL INFORMATION.

DEMOLITION PLAN NOTES

(ALL NOTES MAY NOT BE INDICATED ON THIS SHEET)

- REMOVE SUSPENDED ACOUSTICAL CEILING SYSTEM (PADS, GRIDS, ETC.) IN ITS ENTIRETY.
- REMOVE ACOUSTICAL CEILING TILES (CEILING GRID TO REMAIN) BOTH WHERE NEW ACCENT CEILING TILES ARE BEING INSTALLED AND TILES WITH HOLES FROM LIGHTING SUSPENSION. RETAIN ALL UNBLEMISHED CEILING TILES FOR REINSTALLATION (SEE REFLECTED CEILING PLAN) AND DISCARD TILES WITH HOLES OR DAMAGED.
- REMOVE WOOD CASEWORK AND PLASTIC LAMINATE COUNTERTOPS. THE WOOD CABINETS ARE TO BE RELOCATED AS DIRECTED BY OWNER.
- REMOVE GWB BULKHEAD AND SUPPORT FRAMING.
- EXISTING GWB BULKHEAD TO REMAIN.
- REMOVE VINYL COMPOSITION TILE (VCT) FLOORING, RESILIENT BASE AND ADHESIVES. PREP ALL SURFACES AS REQUIRED TO RECEIVE NEW FLOOR FINISHES.
- REMOVE CARPET TILE FLOORING, RESILIENT BASE AND ADHESIVES. PREPARE ALL SURFACES AS REQUIRED TO RECEIVE NEW FLOOR FINISHES.
- REMOVE PORTION OF LVT FLOORING AS REQUIRED TO ACCOMMODATE THE SAW CUTTING OF SLAB FOR NEW POWER TO BOTH THE COUNTERTOP AND CIRCULATION DESK. REFER TO ELECTRICAL DRAWINGS.
- REFER TO TECHNOLOGY DRAWINGS FOR RELOCATION OF FILE SERVERS.
- REMOVE COLUMN ENCLOSURE AND WOOD COLUMN CAPITAL AND GWB TOP. PATCH AND REPAIR BOTTOM OF BULKHEAD FOR NEW PAINT.
- REMOVE BRICK, CAST STONE TOP AND COLUMN COVER.
- REMOVE DISPLAY BOARD (MARKERBOARD, TACKBOARD, ETC.).
- REMOVE WOOD CORNICE / CROWN DETAILS ON GWB WALL. PATCH AND REPAIR AS REQUIRED TO RECEIVE NEW PAINT.
- REMOVE RUNNING WOOD TRIM.
- REMOVE WALL MOUNTED MIRROR.
- NO ARCHITECTURAL DEMOLITION WORK IN THIS ROOM.
- BRACE MECHANICAL WALL PANELS UNTIL THEY CAN BE SECURED TO NEW CMU WALL.
- REMOVE CERAMIC / PORCELAIN TILE FLOORING, RESILIENT BASE AND ADHESIVES. PREPARE ALL SURFACES AS REQUIRED TO RECEIVE NEW FLOOR FINISHES.
- REMOVE OVERHEAD COILING GRILLE.
- REMOVE GWB AND METAL STUD WALL.
- REMOVE CMU WALL.
- REMOVE DOOR AND FRAME IN ITS ENTIRETY.
- REMOVE CMU WALL TO ACCOMMODATE NEW WINDOW(S) OPENING.
- EXISTING WOOD PANEL CEILING TO REMAIN.
- REMOVE LOW WALL WITH WOOD CAP.
- REMOVE GWB COLUMN ENCLOSURE.
- REMOVE RESILIENT BASE (RB). PREPARE ALL SURFACES AS REQUIRED TO RECEIVE NEW FLOOR FINISHES.
- REMOVE GWB CEILING.
- REMOVE DISPLAY CASES TO ACCOMMODATE NEW CAFETERIA IMPROVEMENTS.
- REMOVE TOILET ACCESSORIES AND TURN OVER TO OWNER.
- REMOVE CEILING MOUNTED PROJECTOR - SEE ELECTRICAL DRAWINGS.
- REMOVE CEILING MOUNTED PROJECTION SCREEN - SEE ELECTRICAL DRAWINGS.
- REMOVE MASONRY WALL AS INDICATED BACK TO FACE OF ADJACENT WALL. PATCH AND REPAIR AS REQUIRED TO RECEIVE NEW ADHERED GWB. PATCH AND REPAIR GWB BULKHEAD.
- EXISTING CASEWORK / RESIN COUNTERTOP TO REMAIN.
- REMOVE AND RELOCATE PLASTIC LAMINATE CASEWORK TO ROOM ADA.
- REMOVE CASEWORK.
- EXISTING CEILING TYPES AND CLOUDS TO REMAIN.
- REMOVE VINYL WALL COVERING FROM GWB AROUND EXISTING MEDIA CENTER. PATCH, REPAIR AND RESTORE GWB TO LEVEL 5 FINISH TO RECEIVE NEW PAINT.
- REMOVE COAT RACK / PEG BOARDS.
- REMOVE GREEN SCREEN AND TURN OVER TO OWNER.
- PROTECT PROJECTOR DURING RENOVATION BY BAGGING AND SEALING.
- (SHADED AREA) REMOVE CONCRETE SLAB TO ACCOMMODATE NEW UNDERGROUND FOR FOOD SERVICE AND PLUMBING. REFER TO PLUMBING FOR EXTENTS.
- REMOVE DOOR - EXISTING FRAME TO REMAIN.
- DISCONNECT AND REMOVE SCOREBOARD.
- REMOVE HIGH CEILING IN THIS AREA.
- EXISTING BASKETBALL BACKSTOP TO REMAIN.
- EXISTING TELESOPING BLEACHERS TO REMAIN.
- NO DEMOLITION IN THIS ROOM.
- REMOVE MEDIA CENTER SHELVING AND DESK.
- REMOVE RESILIENT BASE BETWEEN PLASTER.
- REMOVE PORTION OF WALL MOUNTED HANDRAIL TO ACCOMMODATE NEW BOOK SHELVING. TURN OVER TO OWNER.
- MODIFY HANDRAIL AND RETURN TO PLASTER.
- REMOVE 6'-0" PORTION OF SOLID SURFACE COUNTERTOP AND WALL BRACKETS TO ACCOMMODATE NEW COPIER. REFER TO EQUIPMENT PLAN. REFINISH NEW END OF SOLID SURFACE.
- REMOVE SUSPENDED ACOUSTICAL CEILING SYSTEM (PADS, GRIDS, ETC.) IN ITS ENTIRETY. SALVAGE UNBLEMISHED CEILING TILES FOR REINSTALLATION IN NEW CAFETERIA AREA AS INDICATED ON REFLECTED CEILING PLAN.
- DISCONNECT AND REMOVE VIDEOBOARD.
- DISCONNECT AND REMOVE CEILING FAN.
- REMOVE BASKETBALL GOAL AND SUPPORT ASSEMBLY.
- PROTECT EXISTING WOOD FLOOR DURING DEMOLITION OF GYMNASIUM ITEMS.
- RE-WORK EXISTING CEILING TO ACCOMMODATE NEW BULKHEAD.
- REMOVE PORTIONS OF RESILIENT BASE TO ACCOMMODATE NEW WALL MOUNTED BOOK SHELVING. REFER TO EQUIPMENT DRAWINGS.

VERIFICATION NOTE

CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CLEARANCES AND ALL EXISTING FIELD CONDITIONS BEFORE STARTING CONSTRUCTION. COMMENCEMENT OF WORK CONSTITUTES ACCEPTANCE OF CONDITIONS.

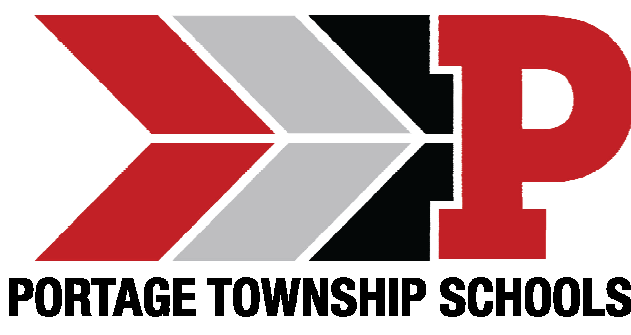
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PORTAGE TOWNSHIP SCHOOLS



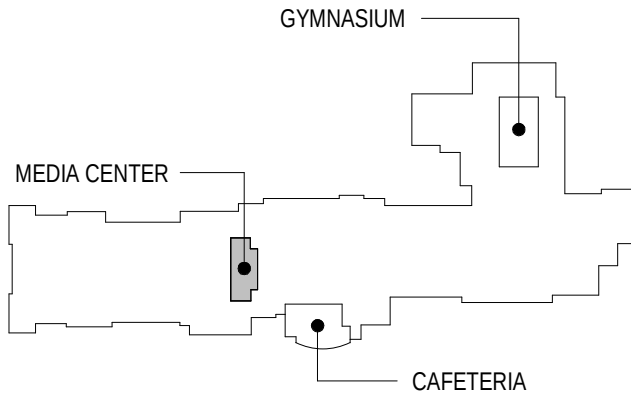
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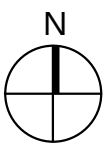
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KEY PLAN



CONSTRUCTION DOCUMENTS



PROJECT MANAGER: MKS

DRAWN BY: RLG

PROJECT NUMBER: 2023023.00

PROJECT ISSUE DATE: 8-14-2025

REV. NO.	DESCRIPTION	DATE
2	Addendum #2	9-10-2026

DEMOLITION PLAN UNIT A

AD-11A

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ROOM LEGEND - UNIT B		
ROOM NO.	ROOM NAME	AREA (SF)
B101	CAFETERIA	8,749 SF
B102	SERVING	2,419 SF
B103	WAREWASHING	371 SF
B104	CUSTODIAN	63 SF
B105	KITCHEN	1,673 SF
B106	COOLER / FREEZER	501 SF
B107	LOCKERS	66 SF
B108	TOILET	54 SF
B109	RECEIVING	156 SF
B110	OFFICE	73 SF
B111	DRY STORAGE	519 SF
B112	TECH CLOSET	52 SF
B113	GRAB & GO	279 SF

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- T. REFER TO REFLECTED CEILING GENERAL NOTES FOR ADDITIONAL INFORMATION.

DEMOLITION PLAN NOTES

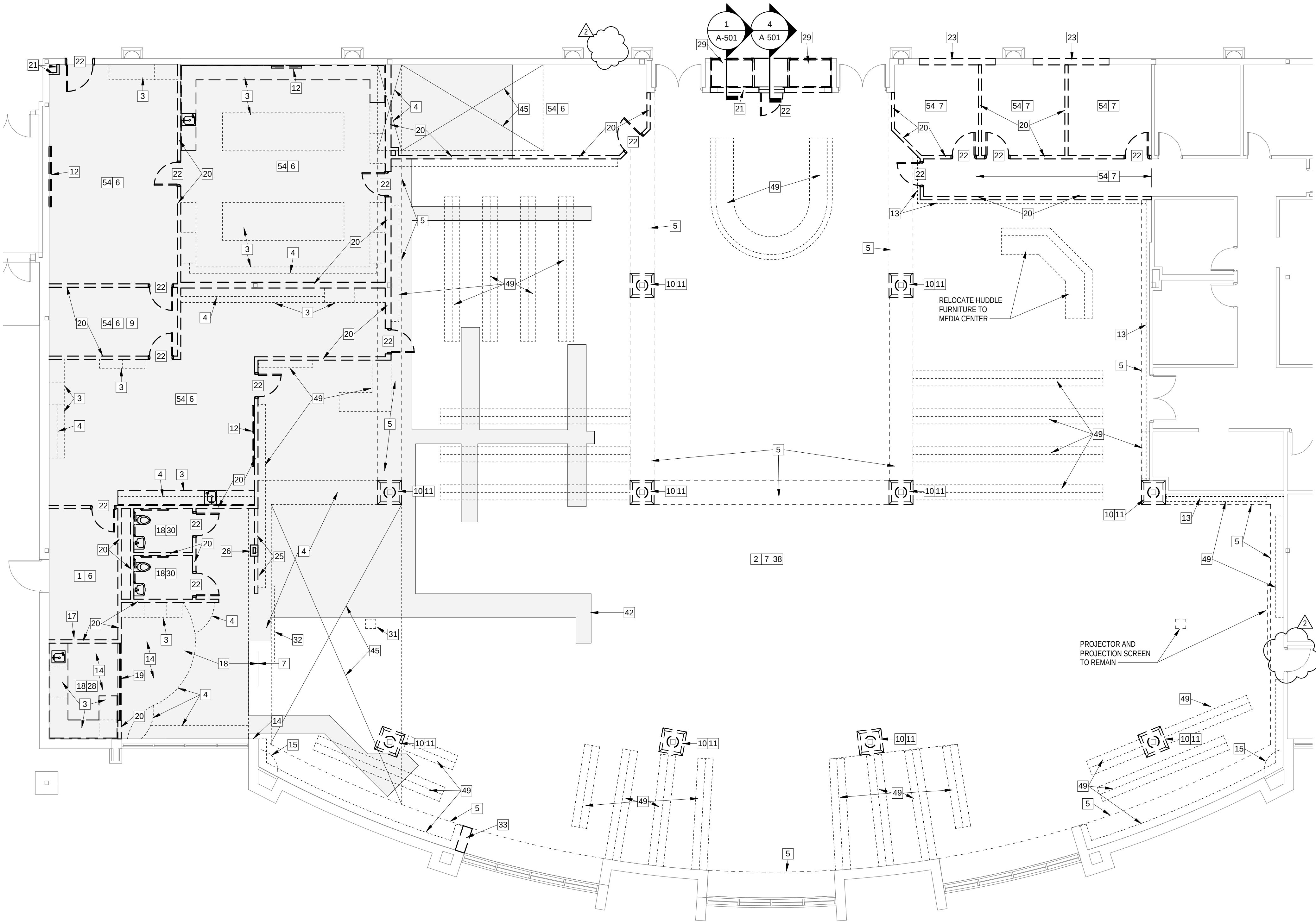
(ALL NOTES MAY NOT BE INDICATED ON THIS SHEET)

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- REMOVE GWB BULKHEAD AND SUPPORT FRAMING.
- EXISTING GWB BULKHEAD TO REMAIN.
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- REFER TO TECHNOLOGY DRAWINGS FOR RELOCATION OF FILE SERVERS.
- REMOVE COLUMN ENCLOSURE AND WOOD COLUMN CAPITAL AND GWB TOP. PATCH AND REPAIR BOTTOM OF BULKHEAD FOR NEW PAINT.
- REMOVE BRICK, CAST STONE TOP AND COLUMN COVER.
- REMOVE DISPLAY BOARD (MARKERBOARD, TACKBOARD, ETC.).
- REMOVE WOOD CORNICE / CROWN DETAILS ON GWB WALL. PATCH AND REPAIR AS REQUIRED TO RECEIVE NEW PAINT.
- REMOVE RUNNING WOOD TRIM.
- REMOVE WALL MOUNTED MIRROR.
- NO ARCHITECTURAL DEMOLITION WORK IN THIS ROOM.
- BRACE MECHANICAL WALL PANELS UNTIL THEY CAN BE SECURED TO NEW CMU WALL.
- REMOVE CERAMIC / PORCELAIN TILE FLOORING, RESILIENT BASE AND ADHESIVES. PREPARE ALL SURFACES AS REQUIRED TO RECEIVE NEW FLOOR FINISHES.
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- REMOVE CMU WALL.
- REMOVE DOOR AND FRAME IN ITS ENTIRETY.
- REMOVE CMU WALL TO ACCOMMODATE NEW WINDOW(S) OPENING.
- EXISTING WOOD PANEL CEILING TO REMAIN.
- REMOVE LOW WALL WITH WOOD CAP.
- REMOVE GWB COLUMN ENCLOSURE.
- REMOVE RESILIENT BASE (RB). PREPARE ALL SURFACES AS REQUIRED TO RECEIVE NEW FLOOR FINISHES.
- REMOVE GWB CEILING.
- REMOVE DISPLAY CASES TO ACCOMMODATE NEW CAFETERIA IMPROVEMENTS.
- REMOVE TOILET ACCESSORIES AND TURN OVER TO OWNER.
- REMOVE CEILING MOUNTED PROJECTOR - SEE ELECTRICAL DRAWINGS.
- REMOVE CEILING MOUNTED PROJECTION SCREEN - SEE ELECTRICAL DRAWINGS.
- REMOVE MASONRY WALL AS INDICATED BACK TO FACE OF ADJACENT WALL. PATCH AND REPAIR AS REQUIRED TO RECEIVE NEW ADHERED GWB. PATCH AND REPAIR GWB BULKHEAD.
- REMOVE AND RELOCATE PLASTIC LAMINATE CASEWORK TO ROOM ADA.
- REMOVE CASEWORK.
- EXISTING CEILING TYPES AND CLOUDS TO REMAIN.
- REMOVE VINYL WALL COVERING FROM GWB AROUND EXISTING MEDIA CENTER. PATCH, REPAIR AND RESTORE GWB TO LEVEL 5 FINISH TO RECEIVE NEW PAINT.
- REMOVE COAT RACK / PEG BOARDS.
- REMOVE GREEN SCREEN AND TURN OVER TO OWNER.
- PROTECT PROJECTOR DURING RENOVATION BY BAGGING AND SEALING.
- (SHADE AREA) REMOVE CONCRETE SLAB TO ACCOMMODATE NEW UNDERGROUND FOR FOOD SERVICE AND PLUMBING. REFER TO PLUMBING FOR EXTENTS.
- REMOVE DOOR - EXISTING FRAME TO REMAIN.
- DISCONNECT AND REMOVE SCOREBOARD.
- REMOVE HIGH CEILING IN THIS AREA.
- EXISTING BASKETBALL BACKSTOP TO REMAIN.
- EXISTING TELESCOPING BLEACHERS TO REMAIN.
- NO DEMOLITION IN THIS ROOM.
- REMOVE MEDIA CENTER SHELVING AND DESK.
- REMOVE RESILIENT BASE BETWEEN PLASTER.
- REMOVE PORTION OF WALL MOUNTED HANDRAIL TO ACCOMMODATE NEW BOOK SHELVING. TURN OVER TO OWNER.
- MODIFY HANDRAIL AND RETURN TO PLASTER.
- REMOVE 6'-0" PORTION OF SOLID SURFACE COUNTERTOP AND WALL BRACKETS TO ACCOMMODATE NEW COPIER. REFER TO EQUIPMENT PLAN. REFINISH NEW END OF SOLID SURFACE.
- REMOVE SUSPENDED ACOUSTICAL CEILING SYSTEM (PADS, GRIDS, ETC.) IN ITS ENTIRETY. SALVAGE UNBLEMISHED CEILING TILES FOR REINSTALLATION IN NEW CAFETERIA AREA AS INDICATED ON REFLECTED CEILING PLAN.
- DISCONNECT AND REMOVE VIDEOBOARD.
- DISCONNECT AND REMOVE CEILING FAN.
- REMOVE BASKETBALL GOAL AND SUPPORT ASSEMBLY.
- PROTECT EXISTING WOOD FLOOR DURING DEMOLITION OF GYMNASIUM ITEMS.
- RE-WORK EXISTING CEILING TO ACCOMMODATE NEW BULKHEAD.
- REMOVE PORTIONS OF RESILIENT BASE TO ACCOMMODATE NEW WALL MOUNTED BOOK SHELVING. REFER TO EQUIPMENT DRAWINGS.

VERIFICATION NOTE

CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CLEARANCES AND ALL EXISTING FIELD CONDITIONS BEFORE STARTING CONSTRUCTION. COMMENCEMENT OF WORK CONSTITUTES ACCEPTANCE OF CONDITIONS.

SHOULD DIFFERENT CONDITIONS BE ENCOUNTERED, CONTACT THE ARCHITECT BEFORE PROCEEDING WITH WORK.



MEDIA CENTER DEMOLITION PLAN

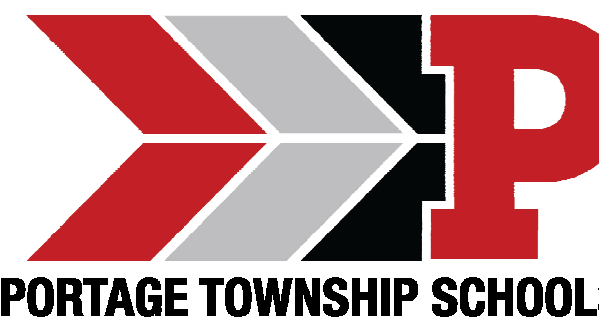
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PORTAGE TOWNSHIP SCHOOLS



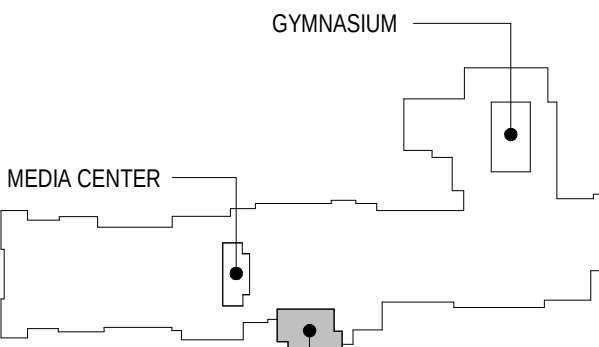
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KEY PLAN

CONSTRUCTION DOCUMENTS



PROJECT MANAGER: MKS

DRAWN BY: Author

PROJECT NUMBER: 220203.00

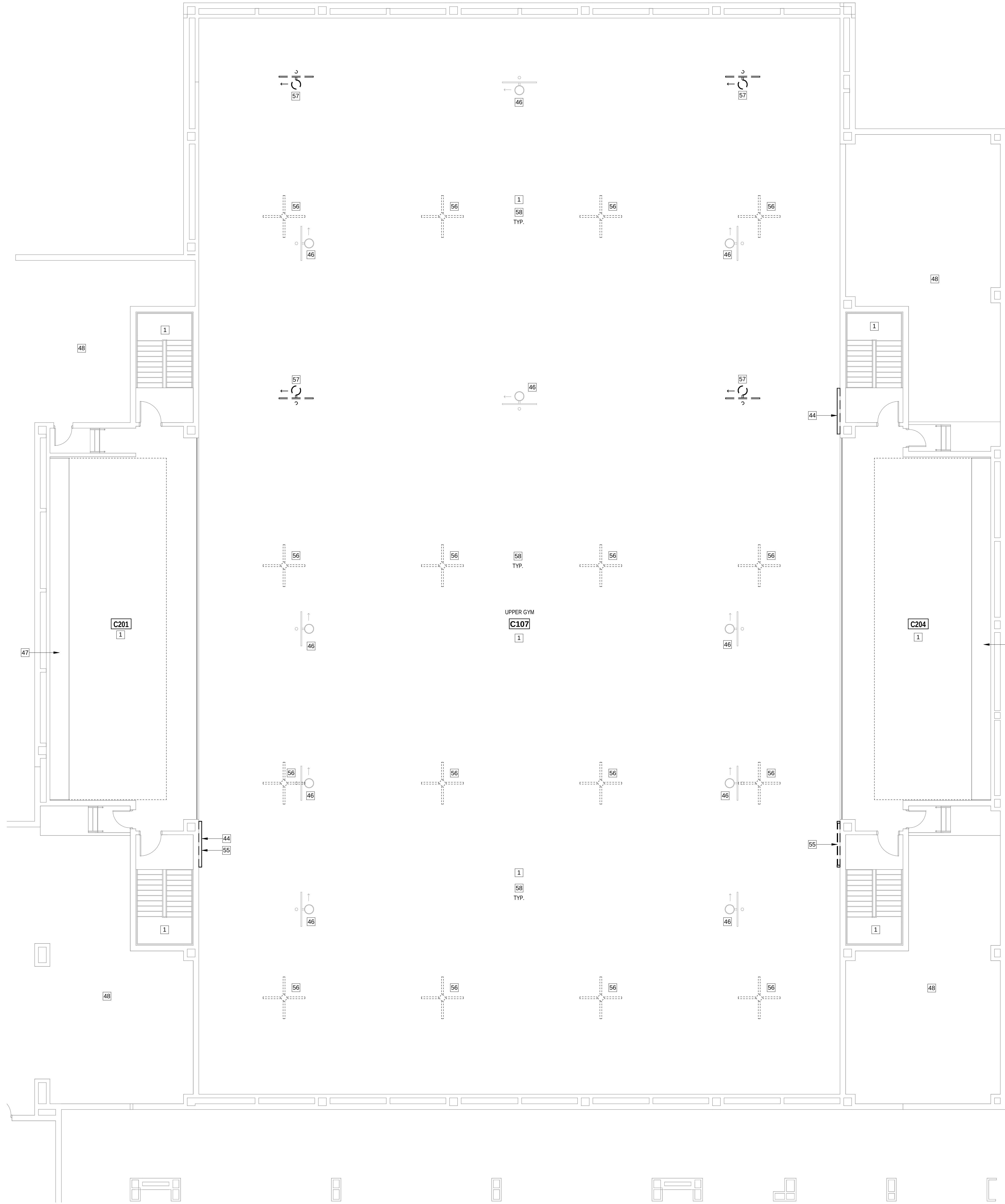
PROJECT ISSUE DATE: 8-14-2025

REV. NO.	DESCRIPTION	DATE
2	Addendum #2	9-10-2026

DEMOLITION PLAN UNIT B

AD-11B

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SECOND FLOOR DEMOLITION PLAN - UNIT C

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

ROOM LEGEND - UNIT C SECOND...

ROOM NO.	ROOM NAME	AREA (SF)
C201	BALCONY	1,733 SF
C202	MECHANICAL	1,632 SF
C203	MECHANICAL	1,113 SF
C204	BALCONY	1,687 SF
C205	MECHANICAL	1,204 SF

ARCHITECTURAL DEMOLITION GENERAL NOTES

- DEMOLITION IS TO FOLLOW ESTABLISHED CONSTRUCTION SEQUENCE. CONTRACTOR IS TO VERIFY THEIR WORK IN THE FIELD WITH THE DEMOLITION DRAWINGS, NEW CONSTRUCTION DRAWINGS, AND THE EXISTING IN-FIELD CONDITIONS. REPORT DISCREPANCIES TO THE ARCHITECT.
- "FLOORING" DENOTES FLOOR COVERING MATERIALS INCLUDING BACKINGS, ADHESIVES, BASES, DOWN TO BUT EXCLUSIVE OF FLOOR SLABS AND STRUCTURAL MATERIALS, UNLESS NOTED OTHERWISE.
- "CEILING" DENOTES CEILING MATERIALS INCLUDING SUSPENSION SYSTEMS, ADHESIVE RESIDUES, MOLDINGS, UP TO BUT EXCLUSIVE OF STRUCTURAL MATERIALS. WALLS TO BE REMOVED SHALL BE REMOVED TO A POINT 2" (MIN) BELOW THE EXISTING FLOOR SLAB (UNLESS SETTING ON SLAB). PATCH WITH NEW CONCRETE TO BE FLUSH WITH THE EXISTING FLOOR SLAB.
- WHEN OPENINGS ARE CUT INTO AN EXISTING WALL, THE OPENING SHALL BE A MINIMUM OF 1'-0" LONGER THAN THE FINISHED OPENING REQUIRED TO ALLOW FOR 8" (MIN) OF NEW CMU TOOTHED-IN AT EDGES.
- AFTER THE DEMOLITION OF MATERIALS, THE RESULTING EXPOSED SURFACE SHALL BE SMOOTH AND FLUSH WITH EXISTING CONDITIONS.
- MECHANICAL AND ELECTRICAL ITEMS THAT ARE CAPPED AND ABANDONED SHALL BE LOCATED BEHIND FINAL FINISH SYSTEMS.
- COORDINATE THIS WORK WITH DEMOLITION WORK ON SITE. STRUCTURAL, PLUMBING, MECHANICAL, AND ELECTRICAL.
- PROVIDE INTERIOR AND EXTERIOR SHORING, BRACING, OR SUPPORT TO PREVENT MOVEMENT OR SETTLEMENT OF EXISTING STRUCTURES.
- CONTRACTOR TO FIELD VERIFY PORTIONS OR SECTIONS OF EXISTING WALLS TO BE FILLED IN AND SALVAGE NECESSARY MATERIAL.
- MATERIALS OF DEMOLITION SHALL BE DISPOSED OF OFF-SITE UNLESS OTHERWISE DIRECTED BY OWNER.
- OWNER TO REMOVE EXISTING FURNITURE AND MISCELLANEOUS ITEMS NOT SHOWN AND NOT TO BE DEMOLISHED. CONTRACTOR TO NOTIFY OWNER IN ADVANCE WHEN ITEMS NEED TO BE REMOVED. CONTRACTOR IS RESPONSIBLE FOR OTHER ITEMS TO BE REMOVED.
- ALL HUNG WALL BANNERS SHOULD BE REMOVED AND TURNED OVER TO OWNER.
- ITEMS TO BE PATCHED. REMOVE ALL LOOSE OR DAMAGED MATERIAL, REFINISH TO LIKE NEW CONDITION, OR IF CONDITION WARRANTS REPLACE IN ENTIRETY.
- THE OWNER SHALL RESERVE RIGHT TO CLAIM ANY MATERIALS THAT ARE BEING DEMOLISHED PRIOR TO THE CONTRACTOR DISPOSING OF THEM OFF SITE.
- "TURNED OVER TO THE OWNER" DENOTES: 1) TAG AND IDENTIFY ITEMS; 2) STORE IN AN ORDERLY FASHION IN A LOCATION DESIGNATED BY THE OWNER.
- ITEMS MADE OBSOLETE TO ACCOMMODATE NEW CONSTRUCTION OR RENOVATION SHALL BE REMOVED. ITEMS TO BE REMOVED SHALL BE REMOVED IN THEIR ENTIRETY.
- AFTER REMOVAL OF ITEMS, THE EXISTING WALL SURFACES (IF EXPOSED) SHALL BE REPAIRED/PATCHED AS REQUIRED TO RECEIVE NEW FINISHES.
- REFER TO REFLECTED CEILING GENERAL NOTES FOR ADDITIONAL INFORMATION.

DEMOLITION PLAN NOTES

(ALL NOTES MAY NOT BE INDICATED ON THIS SHEET)

- REMOVE SUSPENDED ACOUSTICAL CEILING SYSTEM (PADS, GRIDS, ETC.) IN ITS ENTIRETY.
- REMOVE ACOUSTICAL CEILING TILES (CEILING GRID TO REMAIN) BOTH WHERE NEW ACCENT CEILING TILES ARE BEING INSTALLED AND TILES WITH HOLES FROM LIGHTING SUSPENSION. RETAIN ALL UNBLEMISHED CEILING TILES FOR REINSTALLATION (SEE REFLECTED CEILING PLAN) AND DISCARD TILES WITH HOLES OR DAMAGED.
- REMOVE WOOD CASEWORK AND PLASTIC LAMINATE COUNTERTOPS. THE WOOD CABINETS ARE TO BE RELOCATED AS DIRECTED BY OWNER.
- REMOVE GWB BULKHEAD AND SUPPORT FRAMING.
- EXISTING GWB BULKHEAD TO REMAIN.
- REMOVE VINYL COMPOSITION TILE (VCT) FLOORING, RESILIENT BASE AND ADHESIVES. PREP ALL SURFACES AS REQUIRED TO RECEIVE NEW FLOOR FINISHES.
- REMOVE CARPET TILE FLOORING, RESILIENT BASE AND ADHESIVES. PREPARE ALL SURFACES AS REQUIRED TO RECEIVE NEW FLOOR FINISHES.
- REMOVE PORTION OF LVT FLOORING AS REQUIRED TO ACCOMMODATE THE SAW CUTTING OF SLAB FOR NEW POWER TO BOTH THE COUNTERTOP AND CIRCULATION DESK. REFER TO ELECTRICAL DRAWINGS.
- REFER TO TECHNOLOGY DRAWINGS FOR RELOCATION OF FILE SERVERS.
- REMOVE COLUMN ENCLOSURE AND WOOD COLUMN CAPITAL AND GWB TOP. PATCH AND REPAIR BOTTOM OF BULKHEAD FOR NEW PAINT.
- REMOVE BRICK CAST STONE TOP AND COLUMN COVER.
- REMOVE DISPLAY BOARD (MARKERBOARD, TACKBOARD, ETC.).
- REMOVE WOOD CORNICE / CROWN DETAILS ON GWB WALL. PATCH AND REPAIR AS REQUIRED TO RECEIVE NEW PAINT.
- REMOVE RUNNING WOOD TRIM.
- REMOVE WALL MOUNTED MIRROR.
- NO ARCHITECTURAL DEMOLITION WORK IN THIS ROOM.
- BRACE MECHANICAL WALL PANELS UNTIL THEY CAN BE SECURED TO NEW CMU WALL.
- REMOVE CERAMIC / PORCELAIN TILE FLOORING, RESILIENT BASE AND ADHESIVES. PREPARE ALL SURFACES AS REQUIRED TO RECEIVE NEW FLOOR FINISHES.
- REMOVE OVERHEAD COILING GRILLE.
- REMOVE GWB AND METAL STUD WALL.
- REMOVE CMU WALL.
- REMOVE DOOR AND FRAME IN ITS ENTIRETY.
- REMOVE CMU WALL TO ACCOMMODATE NEW WINDOW(S) OPENING.
- EXISTING WOOD PANEL CEILING TO REMAIN.
- REMOVE LOW WALL WITH WOOD CAP.
- REMOVE GWB COLUMN ENCLOSURE.
- REMOVE RESILIENT BASE (RB). PREPARE ALL SURFACES AS REQUIRED TO RECEIVE NEW FLOOR FINISHES.
- REMOVE GWB CEILING.
- REMOVE DISPLAY CASES TO ACCOMMODATE NEW CAFETERIA IMPROVEMENTS.
- REMOVE TOILET ACCESSORIES AND TURN OVER TO OWNER.
- REMOVE CEILING MOUNTED PROJECTOR - SEE ELECTRICAL DRAWINGS.
- REMOVE CEILING MOUNTED PROJECTION SCREEN - SEE ELECTRICAL DRAWINGS.
- REMOVE MASONRY WALL AS INDICATED BACK TO FACE OF ADJACENT WALL. PATCH AND REPAIR AS REQUIRED TO RECEIVE NEW ADHERED GWB. PATCH AND REPAIR GWB BULKHEAD.
- EXISTING CASEWORK / RESIN COUNTERTOP TO REMAIN.
- REMOVE AND RELOCATE PLASTIC LAMINATE CASEWORK TO ROOM ADA.
- REMOVE CASEWORK.
- EXISTING CEILING TYPES AND CLOUDS TO REMAIN.
- REMOVE VINYL WALL COVERING FROM GWB AROUND EXISTING MEDIA CENTER. PATCH, REPAIR AND RESTORE GWB TO LEVEL 5 FINISH TO RECEIVE NEW PAINT.
- REMOVE COAT RACK / PEG BOARDS.
- REMOVE GREEN SCREEN AND TURN OVER TO OWNER.
- PROTECT PROJECTOR DURING RENOVATION BY BAGGING AND SEALING.
- (SHADED AREA) REMOVE CONCRETE SLAB TO ACCOMMODATE NEW UNDERGROUND FOR FOOD SERVICE AND PLUMBING. REFER TO PLUMBING FOR EXTENTS.
- REMOVE DOOR - EXISTING FRAME TO REMAIN.
- DISCONNECT AND REMOVE SCOREBOARD.
- REMOVE HIGH CEILING IN THIS AREA.
- EXISTING BASKETBALL BACKSTOP TO REMAIN.
- EXISTING TELESCOPING BLEACHERS TO REMAIN.
- NO DEMOLITION IN THIS ROOM.
- REMOVE MEDIA CENTER SHELVING AND DESK.
- REMOVE RESILIENT BASE BETWEEN PLASTER.
- REMOVE PORTION OF WALL MOUNTED HANDRAIL TO ACCOMMODATE NEW BOOK SHELVING. TURN OVER TO OWNER.
- MODIFY HANDRAIL AND RETURN TO PLASTER.
- REMOVE 6'-0" PORTION OF SOLID SURFACE COUNTERTOP AND WALL BRACKETS TO ACCOMMODATE NEW COPIER. REFER TO EQUIPMENT PLAN. REFINISH NEW END OF SOLID SURFACE.
- REMOVE SUSPENDED ACOUSTICAL CEILING SYSTEM (PADS, GRIDS, ETC.) IN ITS ENTIRETY. SALVAGE UNBLEMISHED CEILING TILES FOR REINSTALLATION IN NEW CAFETERIA AREA AS INDICATED ON REFLECTED CEILING PLAN.
- DISCONNECT AND REMOVE VIDEOBOARD.
- DISCONNECT AND REMOVE CEILING FAN.
- REMOVE BASKETBALL GOAL AND SUPPORT ASSEMBLY.
- PROTECT EXISTING WOOD FLOOR DURING DEMOLITION OF GYMNASIUM ITEMS.
- RE-WORK EXISTING CEILING TO ACCOMMODATE NEW BULKHEAD.
- REMOVE PORTIONS OF RESILIENT BASE TO ACCOMMODATE NEW WALL MOUNTED BOOK SHELVING. REFER TO EQUIPMENT DRAWINGS.

VERIFICATION NOTE

CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CLEARANCES AND ALL EXISTING FIELD CONDITIONS BEFORE STARTING CONSTRUCTION. COMMENCEMENT OF WORK CONSTITUTES ACCEPTANCE OF CONDITIONS.

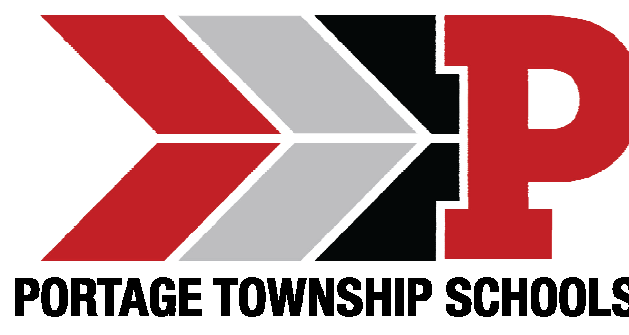
SHOULD DIFFERENT CONDITIONS BE ENCOUNTERED, CONTACT THE ARCHITECT BEFORE PROCEEDING WITH WORK.

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PORTAGE HIGH SCHOOL - 2026 RENOVATIONS

6450 US Highway 6
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PORTAGE TOWNSHIP SCHOOLS



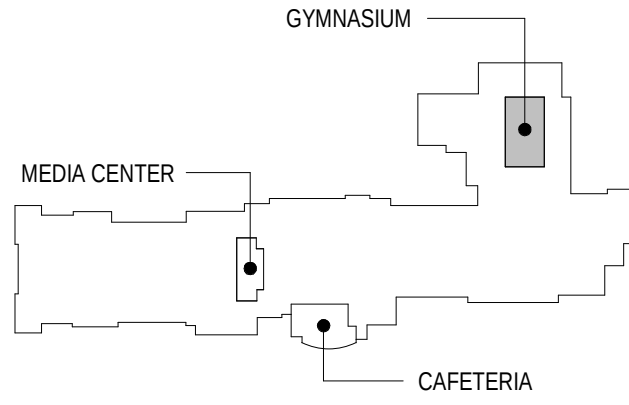
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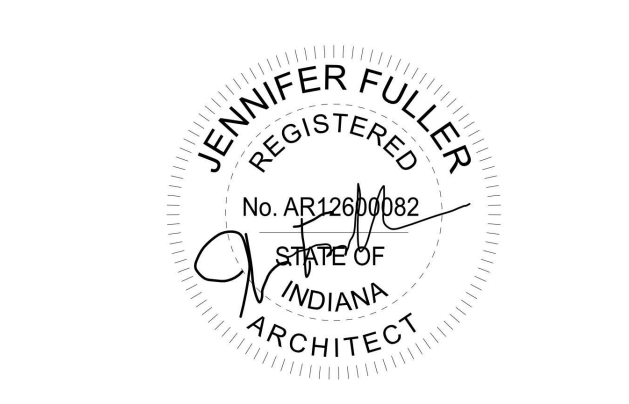
350 E. New York St.

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KEY PLAN

CONSTRUCTION DOCUMENTS



PROJECT MANAGER: MKS

DRAWN BY: MNZ

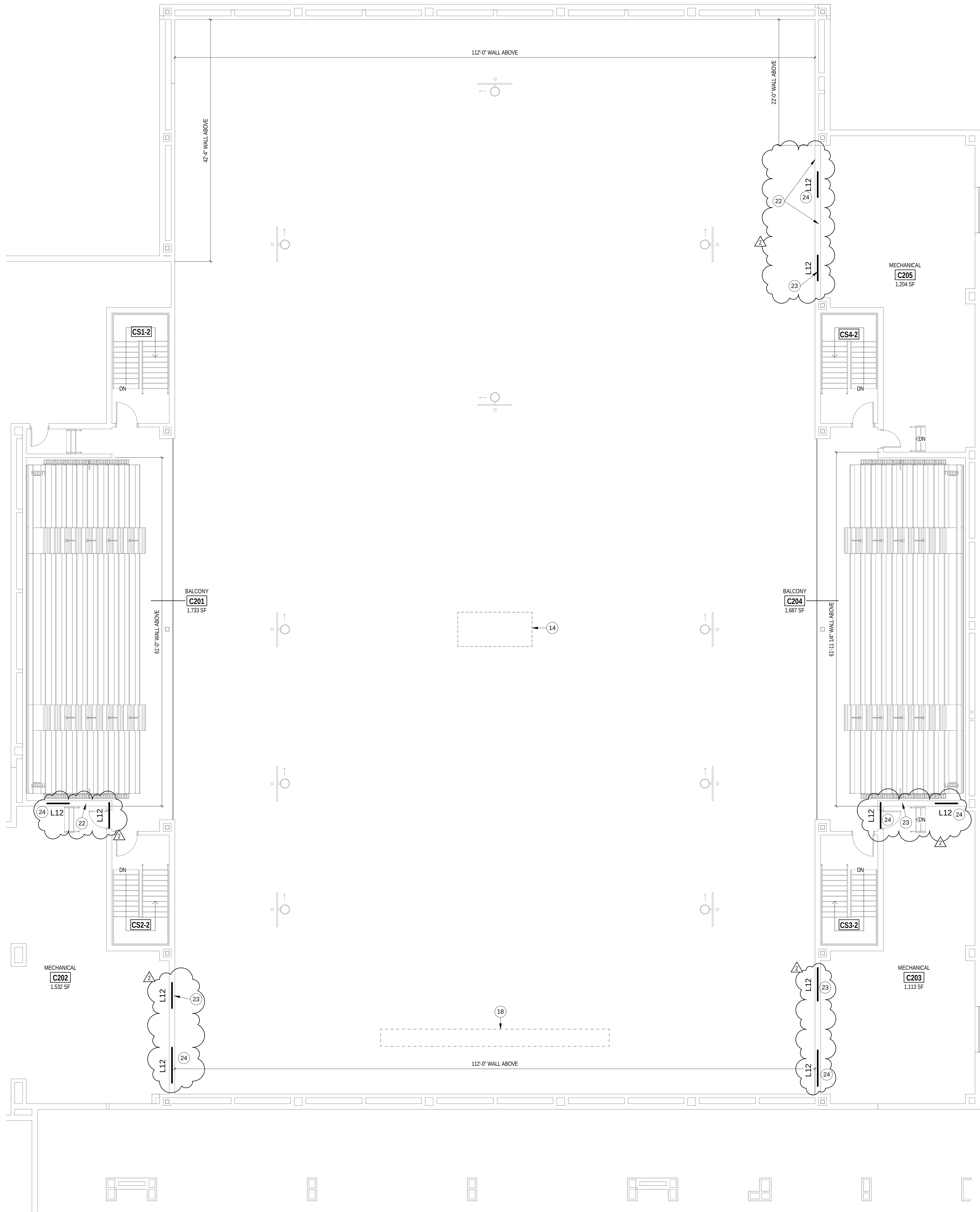
PROJECT NUMBER: 220203.00

PROJECT ISSUE DATE: 8-14-2025

REV. NO.	DESCRIPTION	DATE
2	Addendum #2	9-10-2026

DEMOLITION PLAN - UNIT C

AD-12C



SECOND FLOOR PLAN - UNIT C

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

ROOM LEGEND - UNIT C SECOND...

ROOM NO.	ROOM NAME	AREA (SF)
C201	BALCONY	1,733 SF
C202	MECHANICAL	1,532 SF
C203	MECHANICAL	1,113 SF
C204	BALCONY	1,687 SF
C205	MECHANICAL	1,204 SF

ARCHITECTURAL PLAN GENERAL NOTES

- ALL CMU WALLS THAT DO NOT LAY OUT IN FULL OR HALF LENGTHS SHOULD BE BALANCED SO AS NOT TO HAVE ANY PIECES LESS THAN 4" IN SIZE EXPOSED TO VIEW.
- WHERE DISSIMILAR FLOOR MATERIALS MEET, THEY SHALL DO SO UNDER THE CENTERLINE OF THE DOOR, UNLESS NOTED OTHERWISE.
- ALL INTERIOR MASONRY WALLS THAT RUN TO UNDERSIDE OF DECK ABOVE SHALL HAVE A 2" JOINT (U.N.O.) AT THE DECK TO BE FILLED WITH FIRE STOPPING AT RATED WALLS PER PROJECT MANUAL, AND MINERAL WOOL AT THE NON-RATED WALLS, TO ALLOW FOR DEFLECTION.
- FOR TYPICAL COMMON JOINT DETAILS AND CONSTRUCTION MOVEMENT JOINT DETAILS REFER TO DETAILS ON SHEET A-301.
- ALL DIMENSIONS ON FLOOR PLANS ARE TO FINISH FACE OF CMU, CONCRETE, BRICK OR FINISH FACE OF GWB AT METAL STUD WALLS, UNLESS NOTED OTHERWISE. EXCEPTION: EXTERIOR METAL STUD WALLS ARE TO FACE OF METAL STUDS.
- HINGE SIDE DOOR JAMB AT WALLS WILL TYPICALLY BE LOCATED 4" MINIMUM FROM ADJACENT WALL UNLESS NOTED OTHERWISE.
- ALL EXPOSED CONCRETE MASONRY UNITS (CMU) CORNERS ARE TO BE BULLNOSE, EXCEPT AT WINDOW JAMBS, BULKHEADS, WINDOW AND DOOR HEADS.
- SEE REFLECTED CEILING PLANS FOR BULKHEAD LOCATIONS AND DETAIL REFERENCES.
- REFER TO INTERIORS PLANS FOR LOCATION AND EXTENT OF FINISH FLOOR MATERIALS.
- PROVIDE WOOD BLOCKING AS REQUIRED, WITHIN METAL STUD WALLS FOR WALL MOUNTED ITEMS.
- REFER TO CODE PLANS FOR CODE INFORMATION AND FIRE RATED WALL LOCATIONS.

ARCHITECTURAL PLAN NOTES

(ALL NOTES MAY NOT BE INDICATED ON THIS SHEET)

INDICATES WALL TYPE. REFER TO DRAWING FOR WALL THICKNESS, HEIGHT AND COMPOSITION.

- NEW CONCRETE STEPS TO ACCESS LOWER LEVEL.
- EXISTING STEP AND PLATFORM TO REMAIN.
- EXISTING OVERHEAD DOOR TO REMAIN.
- NEW ALUMINUM SPECIAL FUNCTION DOOR SYSTEM WITH SLIDING CENTER DOORS.
- BUILT-IN COUNTERTOP (ABOVE THIS TOP STEP) TO FOLLOW CONTOUR OF RISERS. REFER TO EQUIPMENT DRAWINGS.
- RETURN AIR GRILLE TO REMAIN. LIBRARY SHELVING TO BE SITUATED FORWARD TO LEAVE GAP FOR AIR FLOW. SEE I-A-11A.
- NEW ACOUSTICAL WALL TREATMENT - SEE INTERIOR DRAWINGS.
- EXISTING GLASS HANDRAIL TO REMAIN.
- REPAIR HOLES FROM REMOVAL OF CASEWORK AND TOUCH-UP PAINT TO MATCH EXISTING.
- 11'-10 3/8" x 8'-0" SIDE SLIDING GRILLE - SEE S-A-CL11B.
- COLUMN COVER AROUND EXISTING STEEL COLUMN - REFER TO 3-A-501.
- EXPOSED EXISTING STEEL COLUMN (PAINT).
- SHADED INDICATES CONCRETE SLAB REPLACEMENT. REFER TO PLUMBING DRAWINGS FOR ANY ADDITIONAL LOCATIONS OF UNDERGROUND PLUMBING AND SLAB REPLACEMENT.
- NEW TWO-SIDED VIDEOBOARD AND SCOREBOARD BY OWNER (ABOVE).
- GYMNASIUM FLOORING REFINISHED BY OWNER.
- PAINTED SCHOOL LOGO. COLORS TO MATCH PORTAGE TOWNSHIP SCHOOLS LOGO COLORS. REFER TO DETAIL FOR ADDITIONAL INFORMATION.
- PROTECT WOOD FLOORING DURING NEW DUCTWORK, LIGHTING, CEILING AND PAINTING SCOPE.
- NEW MAT HOIST (ABOVE). ALTERNATE.
- ALIGN NEW WALL WITH EXISTING.
- ANCHOR STUDS TO BACK OF STEP.
- ALIGN FACE OF GWB TO FACE OF STEP.
- INFILL OPENING LEFT FROM DEMOLISHED DUCT WITH 12" CMU TO MATCH EXISTING.
- ENLARGE EXISTING OPENING TO ACCOMMODATE LARGER DUCT - SEE MECHANICAL DRAWINGS.
- NEW OPENING FOR DUCTWORK - SEE MECHANICAL DRAWINGS.

VERIFICATION NOTE

CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CLEARANCES AND ALL EXISTING FIELD CONDITIONS BEFORE STARTING CONSTRUCTION. COMMENCEMENT OF WORK CONSTITUTES ACCEPTANCE OF CONDITIONS.

SHOULD DIFFERENT CONDITIONS BE ENCOUNTERED, CONTACT THE ARCHITECT BEFORE PROCEEDING WITH WORK.

PORTAGE HIGH SCHOOL - 2026 RENOVATIONS

6450 US Highway 6
Portage, IN 46368

PORTAGE TOWNSHIP SCHOOLS



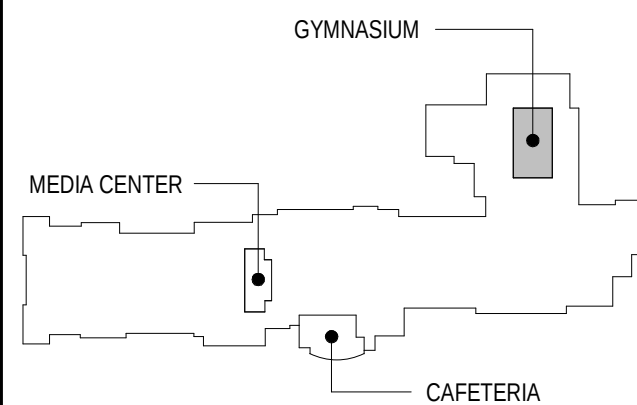
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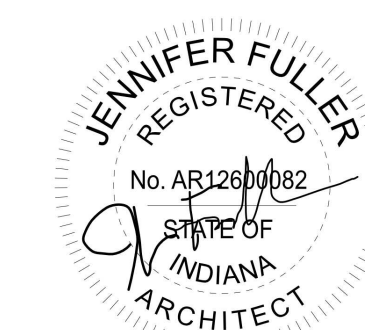
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KEY PLAN



CONSTRUCTION DOCUMENTS



PROJECT MANAGER: MKS

DRAWN BY: MNZ

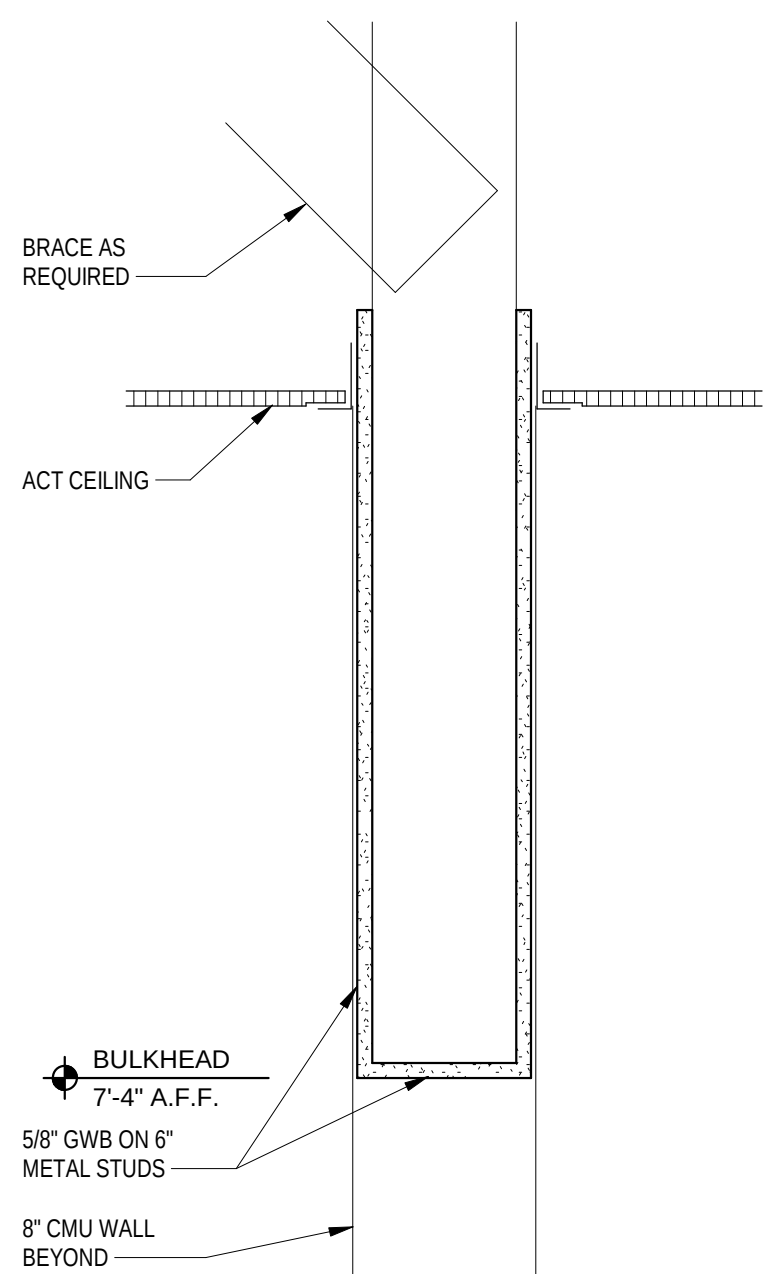
PROJECT NUMBER: 220203.00

PROJECT ISSUE DATE: 8-14-2025

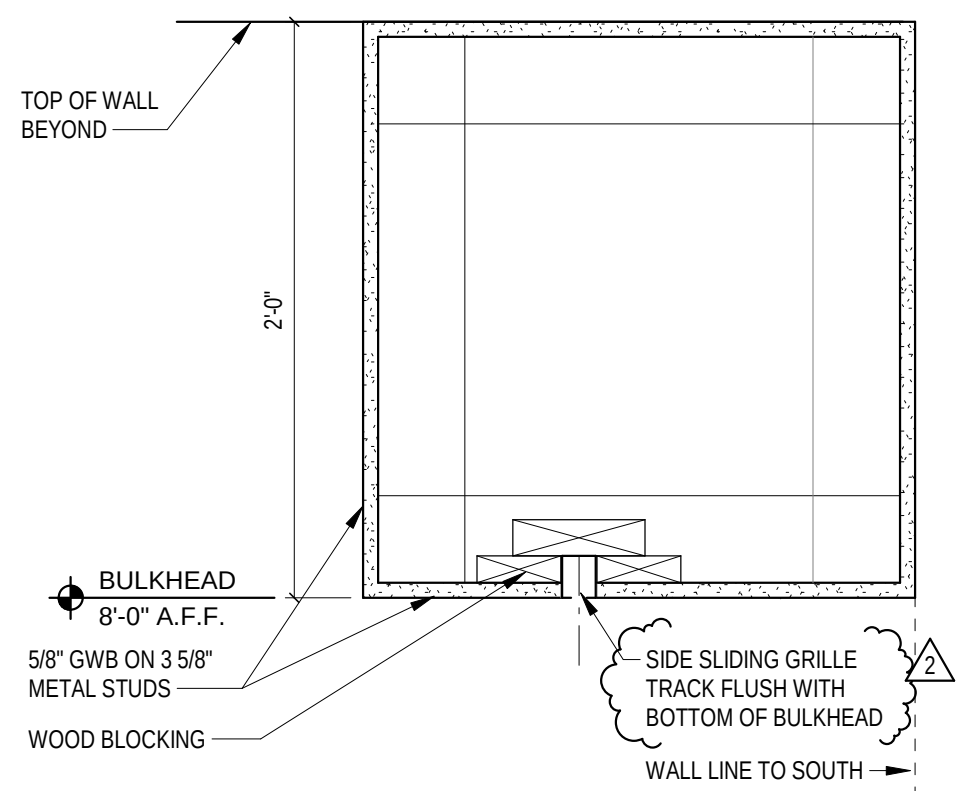
REV. NO.	DESCRIPTION	DATE
2	Addendum #2	9-10-2026

SECOND FLOOR ARCHITECTURE PLAN - UNIT C

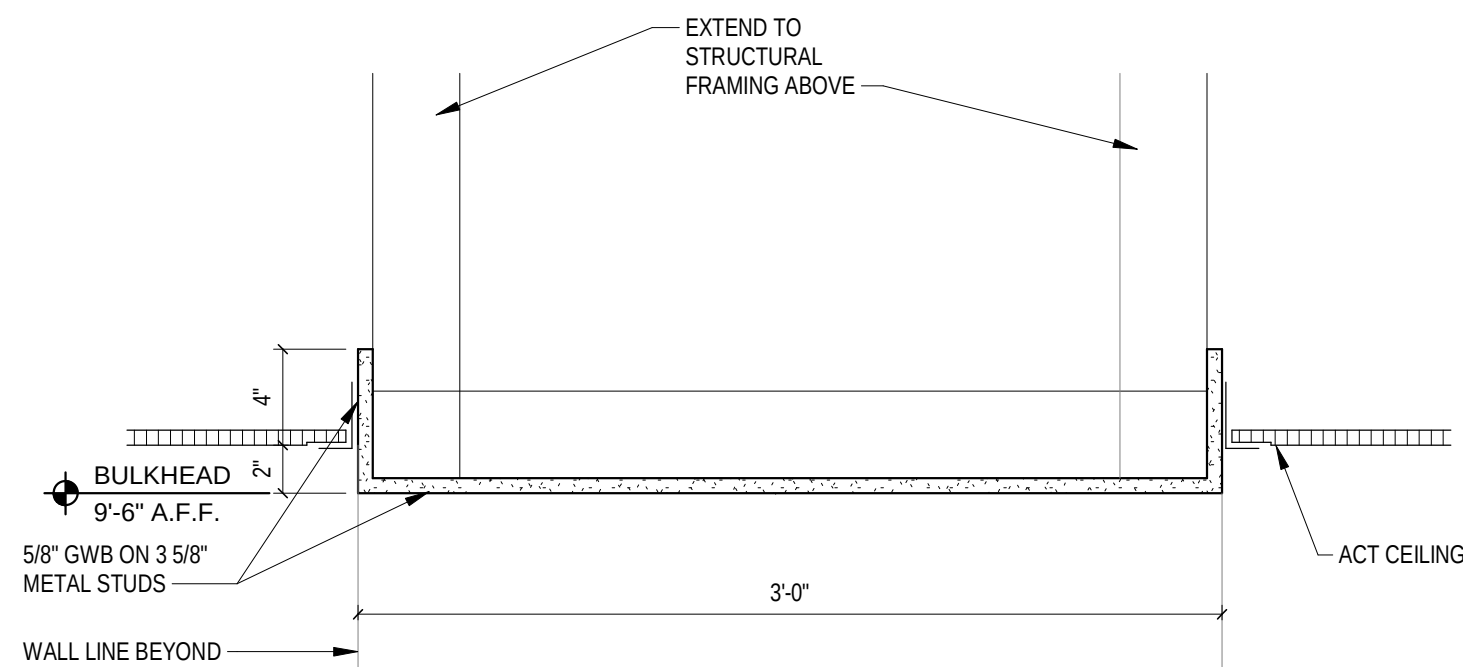
A-12C



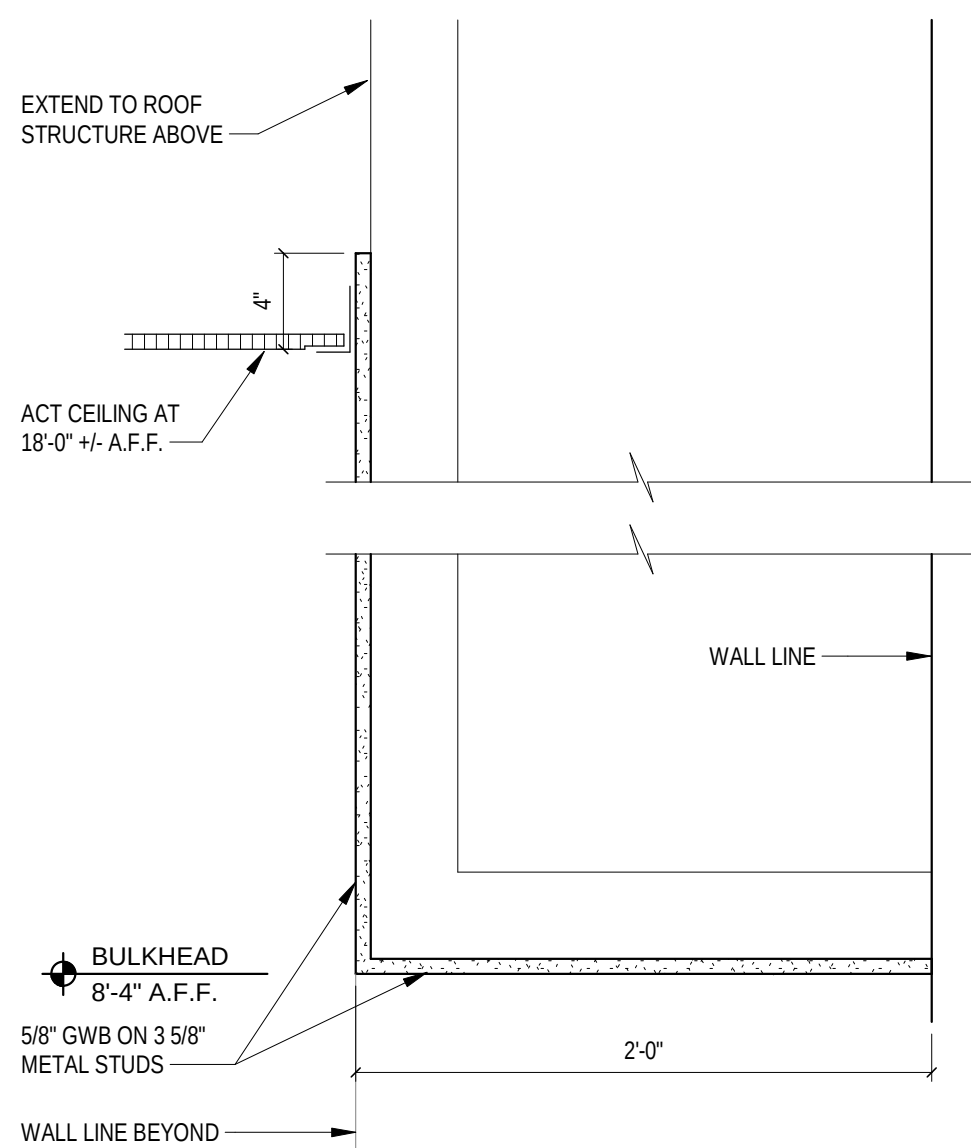
4 BULKHEAD
SCALE: 1 1/2" = 1'-0"



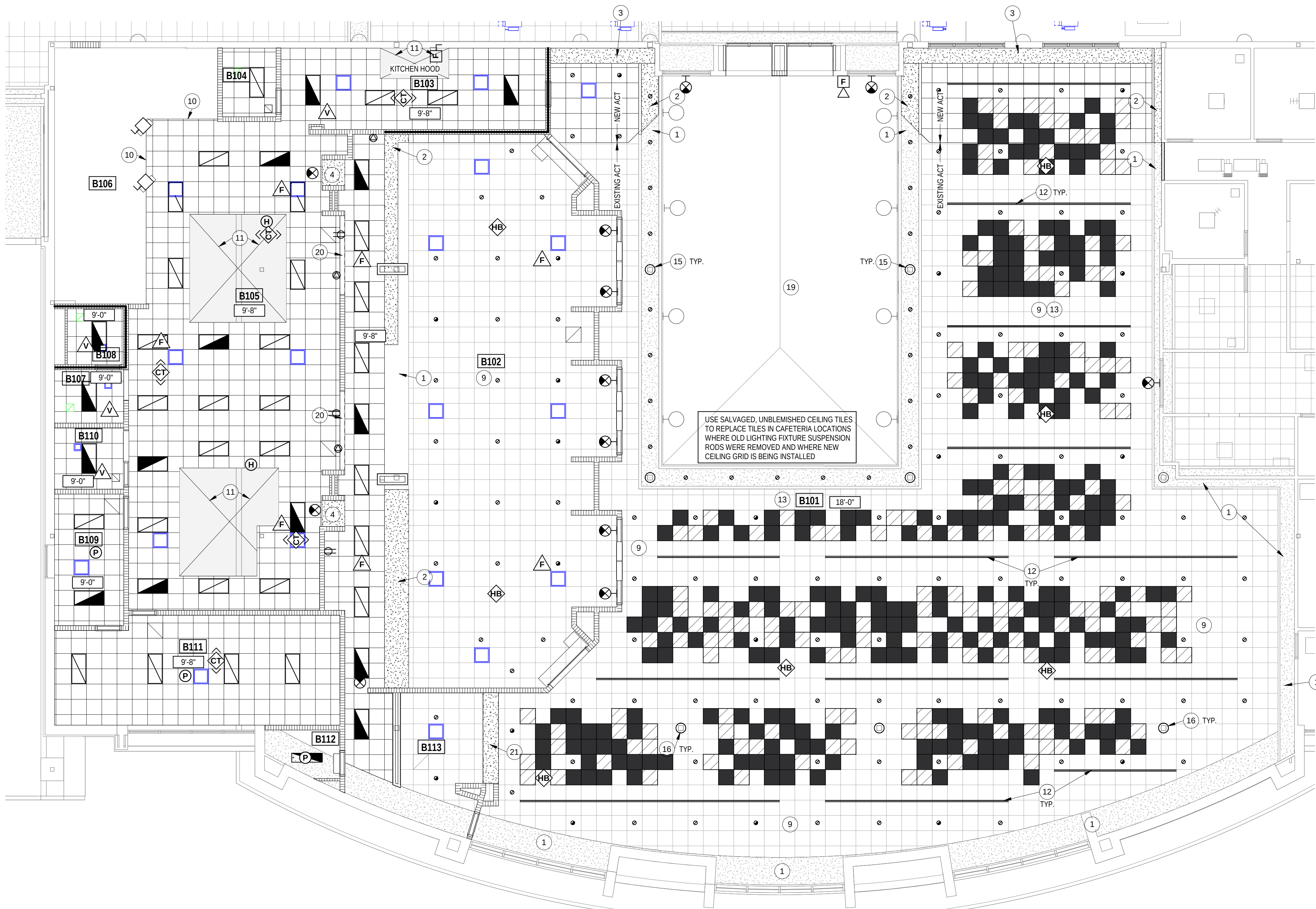
3 BULKHEAD
SCALE: 1 1/2" = 1'-0"



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



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



REFLECTED CEILING PLAN - CAFETERIA

ROOM LEGEND - UNIT B		
ROOM NO.	ROOM NAME	AREA (SF)
B101	CAFETERIA	8,749 SF
B102	SERVING	2,419 SF
B103	WAREWASHING	371 SF
B104	CUSTODIAN	63 SF
B105	KITCHEN	1,673 SF
B106	COOLER / FREEZER	501 SF
B107	LOCKERS	66 SF
B108	TOILET	54 SF
B109	RECEIVING	158 SF
B110	OFFICE	73 SF
B111	DRY STORAGE	519 SF
B112	TECH CLOSET	52 SF
B113	GRAB & GO	279 SF

- REFLECTED CEILING PLAN NOTES**
- A. BULKHEAD FRAMING SHALL BE ATTACHED TO STRUCTURAL SUPPORTS AND NOT TO THE ROOF DECK.
- B. NEW CEILINGS ARE TO MATCH THE HEIGHT OF THE EXISTING CEILING IT IS REPLACING.
- C. THE EXISTING GRID LAYOUT PATTERN SHALL MATCH EXISTING. IN DOING SO, THE SUSPENSION SYSTEM SHOULD ACCOMMODATE THE EXISTING BASKETBALL SUPPORT LAYOUT.
- D. IN AREAS OF CEILING WORK, ALL CEILING MOUNTED ELECTRICAL TECHNOLOGY, ETC. EQUIPMENT AND DEVICES ARE TO BE PROTECTED AND REINSTALLED AFTER INSTALLATION OF NEW CEILING.

- REFLECTED CEILING NOTES**
- (ALL NOTES MAY NOT BE INDICATED ON THIS SHEET)
- EXISTING GWB BULKHEAD
 - AFTER DEMOLITION OF WALLS AS SHOWN ON DEMOLITION PLAN, EXTEND EXISTING BULKHEAD (5/8" GWB ON 3 5/8" METAL STUDS) AS INDICATED.
 - GWB BULKHEAD AT 9'-4" A.F.F. - SEE 1-AC11B
 - GWB BULKHEAD AT 9'-6" A.F.F. - SEE 2-AC11B
 - NEW GWB WALL (2-AC-12C) AT TOP OF EXISTING CMU WALL TO CONCEAL PLENUM AND BATT INSULATION.
 - NO WORK IN THIS ROOM
 - PAINT EXISTING STEEL GIRDER (PT-2)
 - PAINT METAL ROOF DECK (PT-3)
 - EXISTING ACT TILES TO REMAIN
 - CEILING TO FINISH 4" OVER THE EDGE OF COOLER / FREEZER. SEE FOOD SERVICE DRAWINGS FOR EDGE TRIM AT CEILING AND COORDINATE.
 - KITCHEN HOOD - REFER TO FOOD SERVICE DRAWINGS
 - MODIFY THE EXISTING GRID TO ACCOMMODATE THE NEW MECHANICAL SLOT DIFFUSERS
 - INFILL LOCATIONS OF OLD DIFFUSERS WITH SALVAGED ACT TILES
 - EXISTING WOOD CEILING TO REMAIN
 - REPAIR EXISTING GWB TO ACCOMMODATE NEW COLUMN ENCLOSURE
 - REPAIR EXISTING ACT AND GRID TO ACCOMMODATE NEW COLUMN ENCLOSURE
 - CEILING FAN. SEE MECHANICAL DRAWINGS
 - NEW CENTER HUNG TWO SIDED VIDEO BOARD BY OWNER
 - PROVIDE NEW WOOD CEILING
 - GWB BULKHEAD AT 7'-4" - SEE 4-AC11B
 - BULKHEAD / FOLDING GRILLE - SEE 3-AC11B
 - PAINT EXISTING OPEN WEB STEEL JOISTS AND RELATED FRAMING (PT-5)
 - ALTERNATE: WRESTLING MAT HOIST. CENTER MAT HOIST ON JOIST SPAN AND BETWEEN TWO JOISTS, COORDINATE MOS SUPPORT LOCATIONS WITH MAT HOIST REQUIREMENTS. SEE 2-AC12C.
 - LAPENDARY PANELS (BANNERS) 9'-0" x 3'-6" WITH A CENTER DROP TO ACCOMMODATE AN OVERALL LENGTH INSTALLATION ON 8'-0". ATTACHED TO THE TOP JOIST CORD WITH MANUFACTURER'S BEAM CLAMPS. PANELS TO BE COORDINATED WITH CEILING HUNG ELEMENTS.

REFLECTED CEILING PLAN LEGEND

- ACT-4. 2 INCH DEPTH
- ACT-4. 4 INCH DEPTH
- INDICATES CEILING HEIGHT
- LIGHT FIXTURE - REFER TO ELECTRICAL DRAWINGS
- LIGHT FIXTURE - REFER TO ELECTRICAL DRAWINGS
- LIGHT FIXTURE - REFER TO ELECTRICAL DRAWINGS
- MECHANICAL DIFFUSER - REFER TO MECHANICAL DRAWINGS
- MECHANICAL RETURN AIR GRILLE - REFER TO MECHANICAL DRAWINGS
- CEILING MOUNTED EXIT LIGHT
- FIRE ALARM HEAT DETECTOR
- FIRE ALARM HORN STROBE
- FIRE ALARM STROBE
- FIRE ALARM SMOKE DETECTOR
- OCCUPANCY SENSOR
- OCCUPANCY SENSOR
- ACOUSTICAL CEILING TILE (ACT)
- GYPSUM WALL BOARD BULKHEAD / CEILING EXTERIOR FINISH SYSTEM (E.F.S.)
- EXTERIOR INSULATION FINISH SYSTEM (E.I.F.S.)

VERIFICATION NOTE

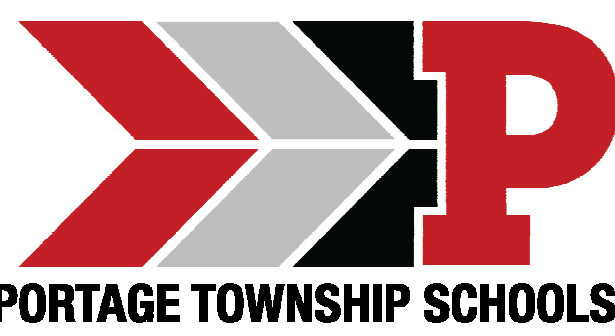
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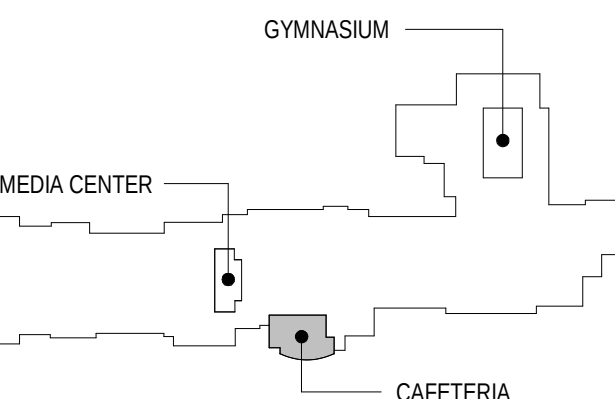
PORTAGE TOWNSHIP SCHOOLS



ARCHITECT

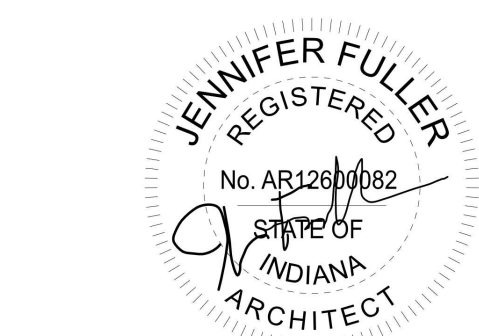
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350 E. New York St.
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KEY PLAN

CONSTRUCTION DOCUMENTS



PROJECT MANAGER: MKS
DRAWN BY: RLGBNVL
PROJECT NUMBER: 220223.00
PROJECT ISSUE DATE: 8-14-2025

REV. NO.	DESCRIPTION	DATE
2	Addendum #2	9-10-2026

FIRST FLOOR REFLECTED CEILING PLAN - UNIT B

AC-11B

Autodesk Docs/Portage_T5_HS Cafeteria Renov/2025_INTX_226023.00_vt
9/10/2025 11:09:37 AM

2 CAFETERIA FURNITURE PLAN - FOR REFERENCE ONLY
SCALE: 1/8" = 1'-0"

1 CAFETERIA FINISH AND EQUIPMENT PLAN
SCALE: 1/8" = 1'-0"

FINISH GENERAL NOTES

- ENSURE ALL SURFACES TO RECEIVE FINISHES AND CLEAN, TRUE AND FREE OF IRREGULARITIES. DO NOT PROCEED WITH WORK UNTIL UNSATISFACTORY CONDITIONS HAVE BEEN CORRECTED. DO NOT PROCEED WITH INSTALLATION UNTIL SUBSTRATE HAS BEEN TESTED AND ADHERED TO FLOORING SPECIFICATIONS.
- REPAIR EXISTING SURFACES TO REMAIN, AS REQUIRED, FOR APPLICATION OF NEW FINISHES.
- SEALANT SHALL BE APPLIED AT ALL MATERIAL TRANSITIONS, BACKSPLASHES, DOOR FRAMES AND ALL LOCATIONS WHERE NEW FINISH ABUTS A DISSIMILAR MATERIAL.
- WHERE A CHANGE IN FLOORING MATERIAL OCCURS, RESILIENT TRANSITION STRIP TO BE PROVIDED.
- WHERE MATERIAL CHANGE OCCURS AT A DOOR, CENTER TRANSITION WITH THE DOOR, UNLESS OTHERWISE NOTED.
- WOOD ATHLETIC FLOORING TO CONTINUE UNDER BLEACHERS.
- AT ALL WALL BASE MATERIAL TRANSITIONS, GC TO PROVIDE 1/4" METAL TRANSITION STRIP BETWEEN UNLIKE MATERIALS.
- ALL WALLS TO BE PAINTED P-1, UNLESS OTHERWISE NOTED.
- ALL WALLS RECEIVING ACCENT PAINT TO BE PAINTED FLOOR TO CEILING, CORNER TO CORNER, UNLESS OTHERWISE NOTED.
- ALL WRAPPED AND EXPOSED COLUMNS TO BE PAINTED P-4, UNLESS OTHERWISE NOTED.
- EXPOSED BLOCKING (FURRING STRIPS) AT ALL ACoustICAL WALL TILE LOCATIONS TO BE PAINTED P-4.
- PANT ALL ACCESS PANELS THE SAME COLOR AS ADJACENT SURFACES.
- PANT ALL EXPOSED WIREMOLD AND CONDUIT THE SAME COLOR AS ADJACENT SURFACES.
- ALL GYPSUM BOARD BULKHEADS/SOFFITS TO BE PAINTED P-4.
- REFER TO LIST OF FINISHES FOR MATERIAL SELECTIONS.
- REFER TO ELEVATIONS FOR ACCENT PAINT LOCATIONS.
- REFER TO J-601 FOR PAINT TYPE GENERAL NOTES.
- PAINING OF EXPOSED DUCTWORK, BRACING, CONDUIT, PIPES, HANGERS, SUPPORTS, BRACING, ETC, WHICH OCCURS IN SPACES TO BE PAINTED, SHALL BE INCLUDED UNDER SPEC SECTION 09 91 23.
- SURFACES TO BE PAINTED WITH HIGH-PERFORMANCE COATINGS SHALL BE INCLUDED UNDER SPEC SECTION 09 96 00.

EQUIPMENT GENERAL NOTES

- ALL COUNTERTOPS TO HAVE CONTINUOUS 4" HIGH BACKSPLASHES AND ENDSPLASHES UNLESS NOTED OTHERWISE.
- HIDDEN LINES () INDICATE ITEMS TO BE PART OF LOOSE EQUIPMENT PACKAGE OR BY OWNER, NOT INCLUDED IN CONSTRUCTION CONTRACTS. DASHED LINES (-) INDICATE OVERHEAD ITEMS (INCLUDED IN CONSTRUCTION CONTRACTS).
- (TB) INDICATES 4" HIGH TACK BOARD LENGTH AS INDICATED. REFER TO MOUNTING HEIGHT DRAWING.
- (XTB) INDICATES EXISTING TACK BOARDS TO REMAIN. PROVIDE FILLER STRIPS BETWEEN CASEWORK UNITS AND WALL OR BETWEEN ANY UNIT AS REQUIRED. EXTEND COUNTER TO FACE OF WALL OR ADJACENT TALL CABINET. ALL CASEWORK DOORS AND DRAWERS SHALL BE LOCKABLE.
- ALL EXPOSED ENDS AND BACKS OF CASEWORK SHALL BE FINISHED.
- CASEWORK INSTALLER SHALL CUT CASEWORK AS REQUIRED FOR PLUMBING/ELECTRICAL LINES.
- CASEWORK INSTALLER SHALL CALCUL BETWEEN COUNTERS, BACKSPLASHES, AND WALLS.
- ALL WALL-MOUNTED CASEWORK SHALL BE MOUNTED WITH THE TOP AT 7'-0" AFT UNLESS OTHERWISE NOTED.
- REFER TO LIST OF FINISHES FOR COLOR SELECTIONS.

FINISH & EQUIPMENT KEYNOTES

- EXISTING DRF TO REMAIN. PATCH AS REQUIRED.
- EXISTING LVIT TO REMAIN. CUT AND PATCH AS REQUIRED TO GET POWER AND DATA TO COUNTER AND CIRCULATION DESK.
- EXISTING CARPET TO REMAIN. CUT AND PATCH AS REQUIRED TO ACCOMMODATE NEW ALUMINUM STOREFRONT.
- EXISTING CASEWORK TO REMAIN.
- EXISTING GLASS MARKER BOARD TO REMAIN.
- EXISTING PROJECTOR TO REMAIN.
- RELOCATE EXISTING CASEWORK FROM MEDIA CENTER. SEE A-11A FOR MORE INFORMATION.
- RELOCATE EXISTING GREEN SCREEN FROM MEDIA CENTER. SEE A-11A FOR MORE INFORMATION.
- NEW STAIRS. OPS-1. (STAINED BLACK TO MATCH EXISTING.)
- CUSTOM FLOORING PATTERN. SEE J-120 FOR ADDITIONAL INFORMATION. BASE BID FLOORING MCT W/ RB WALL BASE. ALTERNATE FLOORING TERRAZZO W/ TERRAZZO BASE.
- PROVIDE NEW RUBBER BASE ON NEW BASE CABINETS.
- CUSTOM CURVED BOOK SHELVING. 36"W X 42"H X 12"D WITH SHELF STIFFENERS ON ANY SHELVES OVER 36"W. NEW SHELVING SHALL BE +/- 2" OFF FACE OF EXISTING CONCRETE RISER.
- CUSTOM CURVED BOOK SHELVING. 36"W X 54"H X 12"D WITH SHELF STIFFENERS ON ANY SHELVES OVER 36"W. NEW SHELVING SHALL BE +/- 2" OFF FACE OF EXISTING CONCRETE RISER.
- CUSTOM SOLID SURFACE COUNTERTOP. SEE I-401 FOR DETAIL.
- PROVIDE COUNTERTOP ON COLUMN. SEE I-401 FOR DETAILS.
- ACRYLIC GRAPHIC WITH 4 INCH STANDOFFS, SO THAT IT IS OUT IN FRONT OF THE EXISTING RETURN AIR GRILL LOUVERS. REFER TO THE BRANDING ALLOWANCE IN SPECIFICATIONS.
- NEW SUSPENDED DECORATIVE GRID.
- REFER TO DETAILS A-401/2 AND 3 FOR LOCKER TYPES. OWNER PROVIDED. CONTRACTOR INSTALLED PAPER TOWEL DISPENSER. (TA-TD).
- PROVIDE MOP HOLDER AT CUSTODIAL SINK. (TA-H)

VERIFICATION NOTE

CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CLEARANCES AND ALL EXISTING FIELD CONDITIONS BEFORE STARTING CONSTRUCTION. COMMENCEMENT OF WORK CONSTITUTES ACCEPTANCE OF CONDITIONS.

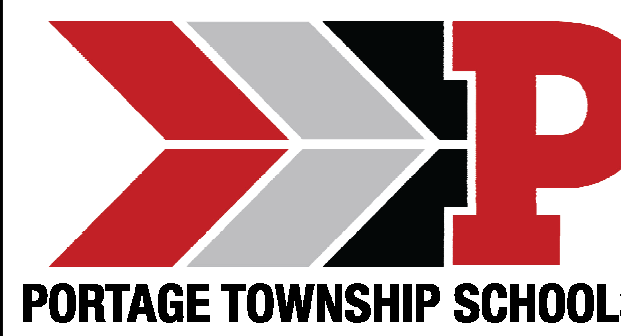
SHOULD DIFFERENT CONDITIONS BE ENCOUNTERED, CONTACT THE ARCHITECT BEFORE PROCEEDING WITH WORK.

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PORTAGE HIGH SCHOOL 2026 RENOVATIONS

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Portage, IN 46368

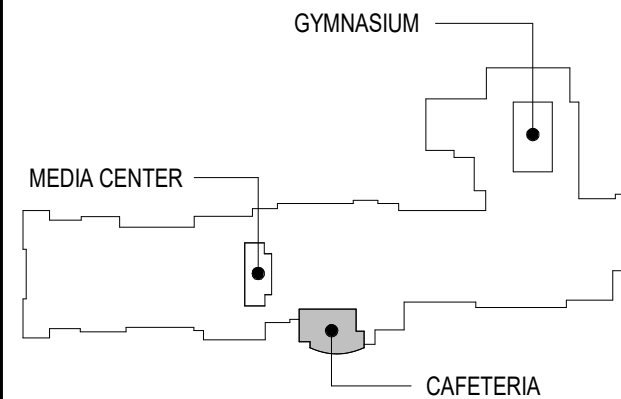
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ARCHITECT



317.848.0966 WWW.FHAI.COM
350 E New York Street Indianapolis, IN 46204



KEY PLAN



PROJECT NUMBER: 220023.00
PROJECT ISSUE DATE: 08.14.26

REV. NO.	DESCRIPTION	DATE
1	ADDENDUM #2	09.10.2026

FIRST FLOOR INTERIOR PLANS - UNIT B

I-11B

EDUCATIONAL CASEWORK SCHEDULE					
TYPE	NO.	SIZE			DESCRIPTION
		W	D	H	
B	82	3'-0"	2'-0"	2'-6"	BASE UNIT WITH ONE ADJUSTABLE SHELF AND TWO HINGED DOORS.
BC	10	3'-0"	1'-0"	3'-6"	
BC	11	3'-0"	1'-0"		CUSTOM CURVED BOOKCASE
BC	42	3'-0"	1'-6"	6'-0"	BOOKCASE
D	2	1'-6"	2'-0"	2'-6"	DRAWER UNIT WITH THREE EQUAL DRAWERS, 5-1/2 INCHES DEEP INSIDE.
DF	2	1'-4"	2'-0"	2'-6"	FILE DRAWER UNIT WITH FOLLOWERS, TWO EQUAL DRAWERS (INSIDE SIDES TO BE 8-3/4 INCHES HIGH) AND HINGED DRAWERS, HINGED WITH HINGERS SQUARE BOTH INSIDE AND OUTSIDE FILING.
MBC	1	3'-0"	2'-0"	2'-6"	MOBILE BOOKCASE, ALL UNITS TO BE STARTERS
MCB	8	3'-1/4"	1'-3/4"	8'-0"	BOOKCASE DISPLAY UNIT

ACOUSTICAL CEILING TILE		
MATERIAL ABBREVIATION	MATERIAL / MANUFACTURER	COLOR SELECTION
ACT-1	REFER TO SPECIFICATIONS	WHITE / 24"x24"
ACT-2 (RESTROOMS)	REFER TO SPECIFICATIONS	WHITE / 24"x24"
ACT-3 (KITCHEN)	REFER TO SPECIFICATIONS	WHITE / 24"x24"
ACT-4 (CAFETERIA)	MPS ACOUSTICS / GRAD	GRAPHITE
ACT-5 (GYM)	REFER TO SPECIFICATIONS	24"x24"

MATERIAL ABBREVIATION	MATERIAL / MANUFACTURER	COLOR SELECTION
GWB - REFER TO REFLECTED CEILING PLANS AND PROJECT MANUAL FOR TYPE AND HEIGHT GWBB - REFER TO REFLECTED CEILING PLANS AND PROJECT MANUAL FOR BULKHEAD TYPE AND HEIGHT.		
PAINTED EXPOSED STRUCTURE		
MATERIAL ABBREVIATION	MATERIAL / MANUFACTURER	COLOR SELECTION

WOOD LINEAL DECORATIVE CEILING		
MATERIAL ABBREVIATION	MANUFACTURER / MATERIAL	COLOR SELECTION
WD-1	REFER TO SPECIFICATIONS	MATCH EXISTING DECORATIVE WOOD CEILING
MISCELLANEOUS FINISHES		

MATERIAL ABBREVIATION	MANUFACTURER / MATERIAL	COLOR SELECTION
GT-1	REFER TO SPECIFICATIONS	TO BE SELECTED
INTERIOR WOOD DOORS, TRIM AND BOOKSHELVES		
MATERIAL ABBREVIATION	MANUFACTURER / MATERIAL	COLOR SELECTION
* REFER TO SPECIFICATIONS.		

HP PLASTIC LAMINATE		
MATERIAL ABBREVIATION	MANUFACTURER / MATERIAL	COLOR SELECTION
PL-1 (CASEWORK)	WILSONART	WALNUT HEIGHTS 795K-12
PL-2 (RECEPTION DESK)	WILSONART	BLACKBIRD 5024K-19
KICKPLATES		

MARKERBOARDS		
MATERIAL ABBREVIATION	MANUFACTURER / MATERIAL	COLOR SELECTION
MB-1	REFER TO SPECIFICATIONS	MANUFACTURER'S STANDARD - WHITE
ROLLER WINDOW SHADES		
MATERIAL ABBREVIATION	MANUFACTURER / MATERIAL	COLOR SELECTION
ROWS-1	REFER TO SPECIFICATIONS	MANUFACTURER'S STANDARD - TO BE SELECTED

MATERIAL ABBREVIATION	MANUFACTURER / MATERIAL	COLOR SELECTION
SSM-1	CORIAN	ARTISTA GRAY

TACKBOARD		
MATERIAL ABBREVIATION	MANUFACTURER / MATERIAL	COLOR SELECTION
TB-1	CARNEGIE / XOREL / METEOR	TO BE SELECTED

FLOOR MATERIALS		
CARPET TILE		
MATERIAL ABBREVIATION	MANUFACTURER / MATERIAL	COLOR SELECTION
CART-1	H-1/EI/ODDING / KINETEX	TO BE SEI ECTED

MATERIAL ABBREVIATION	MANUFACTURER / MATERIAL	COLOR SELECTION
CFS-1	REFER TO SPECIFICATIONS	BLACK - MATCH EXISTING, ADJACENT FLOOR
DECORATIVE RESINOUS FLOORING		
MATERIAL ABBREVIATION	MANUFACTURER / MATERIAL	COLOR SELECTION
DRF-1	SHERWIN WILLIAMS / RESUFLO	TO BE SELECTED

MATERIAL ABBREVIATION	MANUFACTURER / MATERIAL	COLOR SELECTION
ETF-1	REFER TO SPECIFICATIONS	TO BE SELECTED
ETF-2	REFER TO SPECIFICATIONS	TO BE SELECTED
ETF-3	REFER TO SPECIFICATIONS	TO BE SELECTED
ETF-4	REFER TO SPECIFICATIONS	TO BE SELECTED
FLUID APPLIED CEMENTITIOUS URETHANE FLOORING		
MATERIAL ABBREVIATION	MANUFACTURER / MATERIAL	COLOR SELECTION

LUXURY VINYL TILE		
MATERIAL ABBREVIATION	MANUFACTURER / MATERIAL	COLOR SELECTION
LVT-1	MOHAWK GROUP / SECOYA	TO BE SELECTED
RESILIENT TILE FLOORING (LINOLEUM FLOORING)		
MATERIAL ABBREVIATION	MANUFACTURER / MATERIAL	COLOR SELECTION

DECORATIVE RESINOUS FLOORING (INTEGRAL COVE BASE)		
MATERIAL ABBREVIATION	MANUFACTURER / MATERIAL	COLOR SELECTION
DRF-1	MATCH DRF-1 FLOORING	MATCH DRF-1 FLOORING
EPOXY TERRAZZO BASE		**CAFETERIA ALTERNATE

ETF-1	MATCH ETF-1 FLOORING	MATCH ETF-1 FLOORING
FLUID APPLIED CEMENTITIOUS URETHANE BASE		
MATERIAL ABBREVIATION	MANUFACTURER / MATERIAL	COLOR SELECTION
EUF-1	MATCH EUF-1 FLOORING	MATCH EUF-1 FLOORINGH
RESILIENT BASE		
MATERIAL ABBREVIATION	MATERIAL / MANUFACTURER	COLOR SELECTION

	SOUND-RESISTANT TILE	SERIES 9960
<i>WALL FINISHES</i>		
ABUSE RESISTANT-ACOUSTICAL WALL TILES		
MATERIAL ABBREVIATION	MATERIAL / MANUFACTURER	COLOR SELECTION

AR-AWT-2	ARMSTRONG / TECTUM DESIGNART	RIGHT PARALLEL LOGRAM (24"X48" P-2
AR-AWT-3	ARMSTRONG / TECTUM DESIGNART	RIGHT PARALLEL LOGRAM (24"X48" P-4
AR-AWT-4	ARMSTRONG / TECTUM DESIGNART	LEFT PARALLEL LOGRAM (24"X48" P-2
AR-AWT-5	ARMSTRONG / TECTUM DESIGNART	LEFT PARALLEL LOGRAM (24"X48" P-4
AR-AWT-6	ARMSTRONG / TECTUM DESIGNART	LEFT PARALLEL LOGRAM (24"X48" P-4

ACOUSTICAL WALL TILES		
MATERIAL ABBREVIATION	MATERIAL / MANUFACTURER	COLOR SELECTION
AWT-1	REFER TO SPECIFICATIONS	XOREL - METEOR COLOR TO BE DETERMINED
AWT-2	REFER TO SPECIFICATIONS	XOREL - TROPIC COLOR TO BE DETERMINED

CERAMIC WALL TILE		
MATERIAL ABBREVIATION	MATERIAL / MANUFACTURER	COLOR SELECTION
CWT-1	DALTILE / SHOWSCAPE	CURRENT / 12"x24"
CWT-2	DALTILE / COLOR WHEEL CLASSIC	BLACK / 3"x6"
PANT		
MATERIAL ABBREVIATION	MATERIAL / MANUFACTURER	COLOR SELECTION

P-1 (NEG ACCENT)	SHERWIN WILLIAMS	SW6505 TICA RED
P-3 (GRAY ACCENT)	SHERWIN WILLIAMS	SW6254 LAZY GRAY
P-4 (DOOR AND WINDOW FRAMES)	SHERWIN WILLIAMS	SW6238 TRICORN BLACK
P-5 (CEILING)	SHERWIN WILLIAMS	SW6335 DOVER WHITE

GENERAL	A. REFER TO FINISH PLAN DRAWINGS AND DETAILS FOR MATERIALS, PATTERNS AND COLORS. B. ELEVATOR CAB TO BE PLASTIC LAMINATE, PL-1, WITH LVT-1, FLOORING.
FLOORING	A. CENTER FLOORING TILE AND PATTERN IN ROOM UNLESS OTHERWISE INDICATED ON FINISH PLANS. B. SLICH EDGE OF FINISHED FLOOR MATERIAL WITH EDGE OF WALL OR CASEWORK. C. FLOOR FINISH MATERIAL TRANSITIONS SHALL OCCUR UNDER THE CENTER OF THE DOOR UNLESS OTHERWISE INDICATED, WHERE THE FLOORING MATERIAL CHANGES FROM ROOM TO ROOM. D. EXTEND FLOOR MATERIAL AND PATTERN UNDER ALL OPEN TO THE FLOOR CASEWORK AND FURNITURE. E. COORDINATE CONTROL JOINTS IN CONCRETE SLAB WITH STRUCTURAL DRAWINGS AND FINISH FLOORING

G. PROVIDE RSA ON ALL STAIRS. REFER TO FINISH PLANS FOR MATERIAL/COLOR TO BE INSTALLED.

H. AT BUILDING EXITS, PROVIDE A MINIMUM 18" WIDE, 4" HIGH, 1/2" THICK PRE-FABRICATED MOVEMENT PROFILE SYSTEM IN MORTAR BED. PROVIDE SCHEDULED DILEX-EDR OR APPROVED EQUAL, TYPICAL AT ALL LOCATIONS.

WALL BASE

A. ALL RB BASE TO BE COVERED.

B. PROVIDE TO MATCH "RADIUS" AT ALL LOCATIONS WHERE BASE COVERS MASONRY BULLNOSE. REFER TO FINISH SCHEDULE FOR BASE MATERIAL TYPE. TYPICAL AT ALL LOCATIONS. AT RB LOCATIONS PROVIDE PREFORMED OUTSIDE CORNERS, AND USE MANUFACTURER'S RECOMMENDED ADHESIVE (CONTACT GEMENT) FOR PROPER ADHESION WITH NO GAPS.

PAINT & STAIN

A. PAINT ALL WALLS UNLESS OTHERWISE INDICATED ON FINISH PLANS.

PAINT COLOR GENERAL NOTES

A.	ALL INTERIOR WALLS SHALL BE PAINTED P-1, UNLESS OTHERWISE INDICATED ON FINISH PLANS OR INTERIOR ELEVATIONS.
B.	P-1 PAINT ALL EXPOSED INTERIOR STAIRS, RAILS, AND STRINGERS P-4.
C.	P-1 PAINT ALL GIVE SOFFIT, CEILING, OR CORNER INDICATED ON FINISH PLANS OR INTERIOR ELEVATIONS.
D.	P-1 PAINT ALL CASES (HORIZ. AND VERT.) OF SOFFIT TO MATCH CO-1, UNLESS OTHERWISE NOTED.
E.	P-1 PAINT ALL PAINTED EXPOSED CEILINGS AND GYPSUM BOARD CEILINGS P-5 UNLESS OTHERWISE NOTED ON FINISH PLANS OR INTERIOR ELEVATIONS.
F.	ALL INTERIOR HOLLOW METAL FRAMES AND DOOR FRAMES TO BE PAINTED P-4 UNLESS OTHERWISE NOTED.
G.	ALL EXPOSED INTERIOR STEEL COLUMNS SHALL BE PAINTED TO MATCH ADJACENT WALL COLOR, UNLESS OTHERWISE INDICATED ON INTERIOR ELEVATIONS OR FINISH PLANS.

A. UNDER SECTION 099123 - INTERIOR PAINTING, PAINT EXPOSED PIPES, DUCTWORK, BREACHING, CONDUIT, INSULATED PIPES, CONDUIT HANGERS, SUPPORTS, BRACING, ETC., WHICH OCCURS IN SPACES DESIGNATED TO BE PAINTED IN PART OR WHOLE.

B. PAINTING AND FINISHING OF EXTERIOR SURFACES AS DESIGNATED. DETAILS SHALL BE UNDER THE WORK OF SECTION 099113 - EXTERIOR PAINTING.

C. ALL GYPSUM BOARD WALLS SHALL BE PAINTED WITH INTERIOR PAINT TYPE #9.22 (SEMI-GLOSS) UNLESS OTHERWISE INDICATED.

D. ALL GYPSUM BOARD CEILINGS AND SOFFITS SHALL BE PAINTED WITH PAINT TYPE #9.21 (FLAT) UNLESS OTHERWISE INDICATED.

E. PAINT ALL NON-INTERIALLY COLORED CMU WALLS WITH INTERIOR PAINT TYPE #14 (SEMI-GLOSS), UNLESS OTHERWISE INDICATED.

F. PAINT SUMMER SHALL BE PAINTED WITH PAINT CODE #A-223.

6450 US Highway 6
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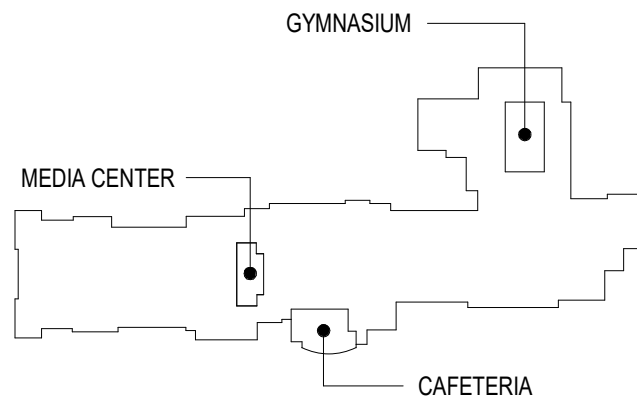
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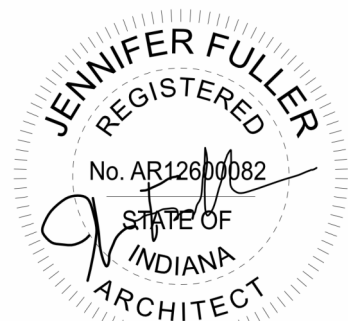
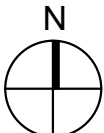
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KEY PLAN



PROJECT NUMBER: 226023.00

PROJECT ISSUE DATE: 08.14.26

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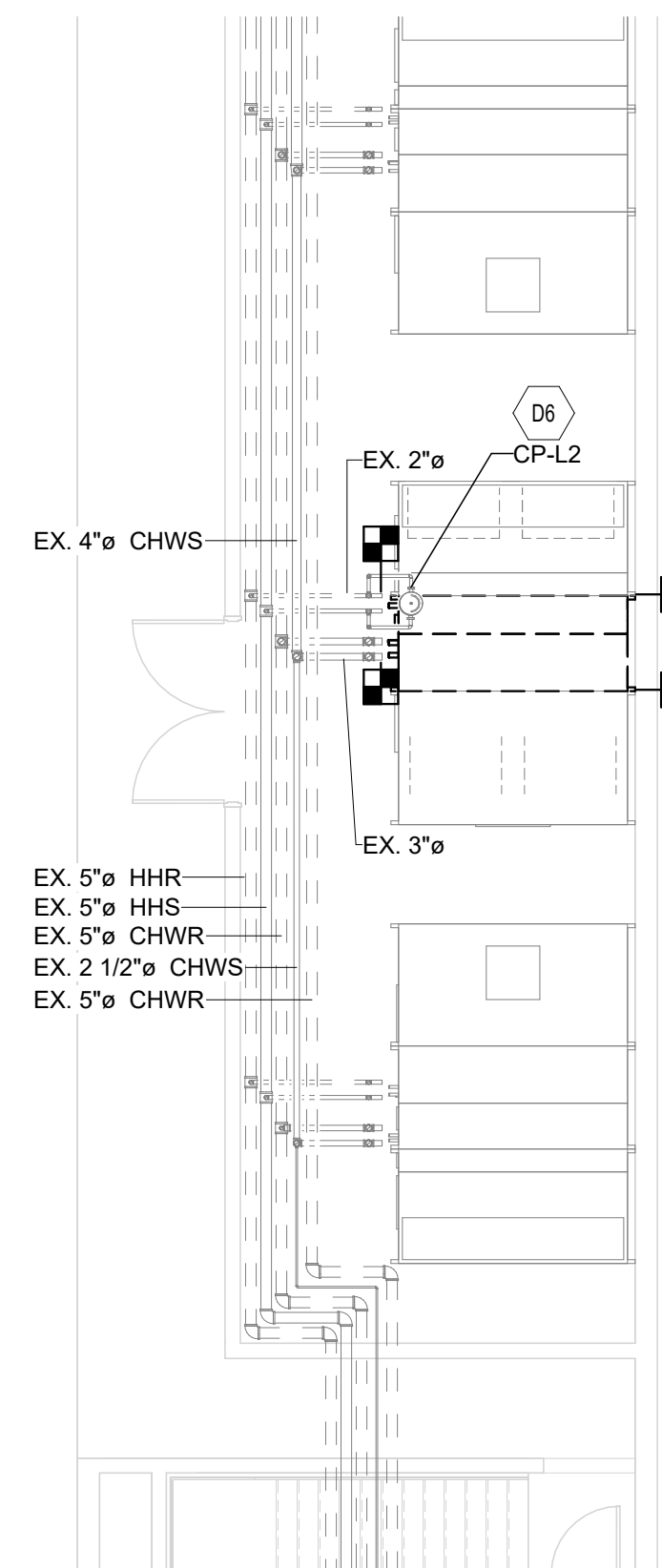
LIST OF FINISHES

I-601

MECHANICAL DEMOLITION PLAN GENERAL NOTES	
A. THE DIVISION 23 CONTRACTOR SHALL VISIT THE PROJECT AND DETERMINE THE EXACT EXTENT OF THE DEMOLITION WORK REQUIRED BEFORE BIDDING THE PROJECT.	
B. WHERE BUILDING SURFACES ARE DAMAGED BY THE REMOVAL OF OLD WORK, SAME SHALL BE PATCHED TO MATCH THE ADJACENT SURFACES BY THIS CONTRACTOR.	
C. EXISTING OPENINGS WHICH ARE TO BE REUSED SHALL NOT BE REMOVED AND SHALL BE MODIFIED OR ENLARGED AS NEEDED TO SUIT THE NEW SYSTEMS. PROVIDE ALL REQUIRED CUTTING AND PATCHING TO MATCH ADJACENT SURFACES.	
D. IF ASBESTOS IS PRESENT CONTACT THE CONSTRUCTION MANAGER. IT WILL BE REMOVED OR RENDERED HARMLESS UNDER SEPARATE CONTRACT BY THE OWNER.	
E. THE OWNER SHALL HAVE THE RIGHT TO CLAIM ANY MATERIALS THAT ARE BEING DEMOLISHED PRIOR TO THE CONTRACTOR DISPOSING OF THEM OFF SITE.	
F. ALL FLOOR, WALL AND ROOF CUTTING WORK TO BE DONE BY DIVISION 23-HVAC CONTRACTOR UNLESS OTHERWISE NOTED. PATCH ALL FLOOR, WALL AND ROOF OPENINGS THAT ARE NOT REUSED TO MATCH ADJACENT CONSTRUCTION.	
G. DIVISION 23 CONTRACTOR IS RESPONSIBLE TO REMOVE EXISTING CEILINGS TO DO WORK ABOVE THE CEILINGS AND REINSTALL THOSE CEILINGS AFTER COMPLETION OF WORK. IF ANY CEILING PADS OR GRIDS ARE DAMAGED, THIS CONTRACTOR SHALL REPLACE WITH NEW TO MATCH EXISTING.	

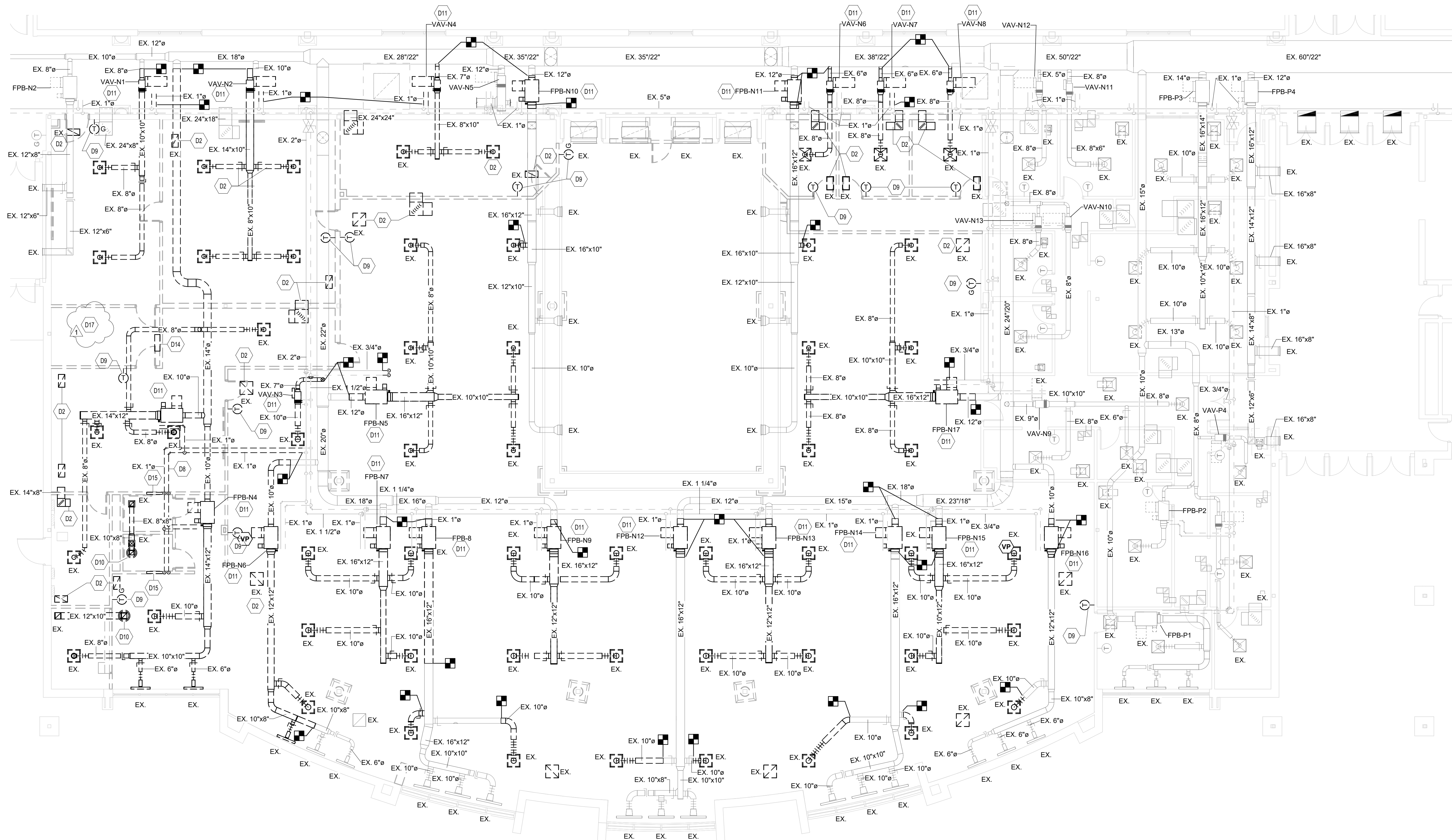
MECHANICAL DEMOLITION PLAN NOTES	
(ALL NOTES MAY NOT BE INDICATED ON THIS SHEET)	
NO.	DESCRIPTION
D2	EXISTING DUCTWORK AND/OR DIFFUSERS/GRILLES SHALL BE REMOVED BACK TO POINT INDICATED. DISPOSE OF MATERIAL OFF SITE.
D6	EXISTING MECHANICAL EQUIPMENT TO REMAIN.
D8	REMOVE EXISTING PIPING BACK TO THE MAIN AND CAP WATER-TIGHT.
D9	DISCONNECT AND REMOVE EXISTING THERMOSTAT AND ALL ASSOCIATED CONDUIT, WIRES, ETC.
D10	DISCONNECT AND REMOVE EXISTING EXHAUST FAN AND RELATED APPURTENANCES. EXISTING CURBS SHALL BE PROVIDED WITH GALVANIZED SHEET METAL CAPS FASTENED TO CURBS WITH CROSS BREAKS TO PREVENT PONDING. UNDERSIDE OF CAPS SHALL BE INSULATED TO MEET ENERGY CODE REQUIREMENTS FOR ROOF INSULATION. ALL EXISTING DUCTWORK/GRILLES TO BE DISCONNECTED AND REMOVED. DISPOSE OF ALL MATERIALS OFF SITE.
D11	EXISTING AIR TERMINAL UNIT TO BE REMOVED. EXISTING HEATING CONTROL VALVES AND CONTROL ACCESSORIES SHALL BE REMOVED. DISPOSE OF ALL MATERIAL OFF-SITE. EXISTING DUCTWORK AND PIPING TO BE DISCONNECTED FROM THE AIR HANDLING UNIT AND REMOVED BACK TO THE POINT INDICATED. CAP WATER-TIGHT.

NO.	DESCRIPTION
D12	EXISTING AIR HANDLING UNIT HEATING & COOLING COIL SECTION TO BE REMOVED AND DISPOSE OF OFF SITE. EXISTING FAN SECTION AND MIXING BOX SHALL REMAIN. EXISTING DUCTWORK TO REMAIN. EXISTING PIPING TO BE DISCONNECTED FROM THE AIR HANDLING UNIT AND REMOVED BACK TO THE POINT INDICATED. CAP WATER-TIGHT. REFER TO THE NEW WORK PLAN FOR CONNECTION OF PIPING TO THE NEW AIR HANDLING UNIT SECTION.
D14	EXISTING WALL MOUNTED SPLIT SYSTEM TO BE REMOVED ALONG WITH ASSOCIATED CONDENSING UNIT. REMOVE REFRIGERANT PIPING. DISPOSE OF ALL MATERIAL OFF-SITE. REPAIR/PATCH EXISTING ROOF TO MATCH ADJACENT CONSTRUCTION IN SUCH A MANNER THAT IT DOES NOT VOID ANY ROOFING WARRANTIES THE OWNER MAY HAVE.
D15	EXISTING CONNECTOR TO BE REMOVED. REMOVE PIPING BACK TO THE MAIN AND CAP WATER-TIGHT. DISPOSE OF ALL MATERIAL OFF-SITE.
D17	CONTRACTOR SHALL VERIFY IF THERE IS ANY EXISTING TEMPERATURE CONTROLS IN THIS AREA THAT NEED TO BE RELOCATED ASSOCIATED WITH THE DEMOLITION/RENOVATION OF THIS AREA. MOVE ALL ITEMS TO ONE OF THE FOLLOWING ROOMS: B104, B109 OR B112. COORDINATE WITH NEW WORK PLAN.



MEZZANINE DEMOLITION PLAN - AHU-L6

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



FIRST FLOOR DEMOLITION PLAN - UNIT B

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

VERIFICATION NOTE
CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CLEARANCES AND ALL EXISTING FIELD CONDITIONS BEFORE STARTING CONSTRUCTION. COMMENCEMENT OF WORK CONSTITUTES ACCEPTANCE OF CONDITIONS.
SHOULD DIFFERENT CONDITIONS BE ENCOUNTERED, CONTACT THE ARCHITECT BEFORE PROCEEDING WITH WORK.

Portage High School 2026 Renovations

6450 US Highway 6
Portage, IN 46368

PORTAGE TOWNSHIP SCHOOLS



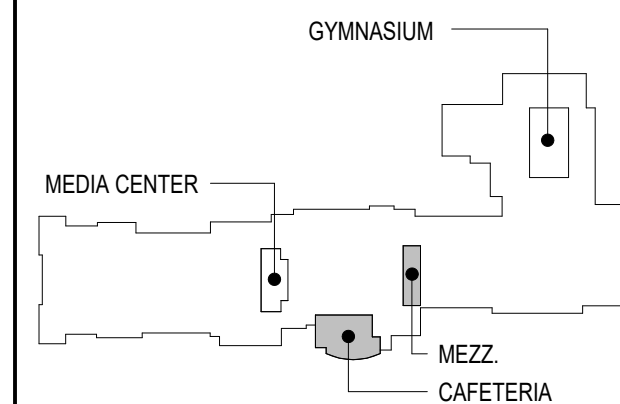
ARCHITECT

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KEY PLAN

CONSTRUCTION DOCUMENTS



DRAWN BY: DJA

PROJECT NUMBER: 226023.00

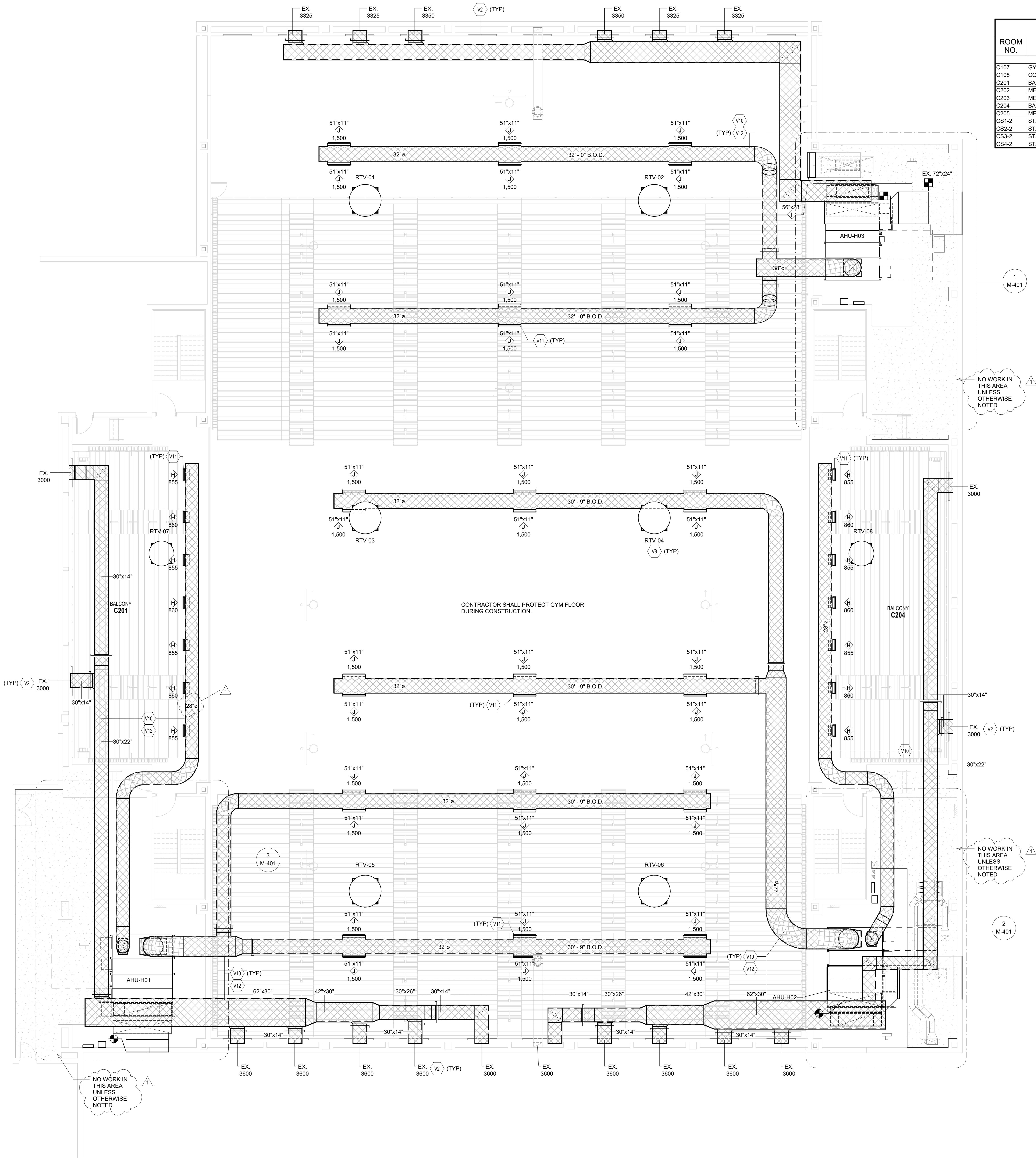
PROJECT ISSUE DATE: 07.17.2026

REV. NO.	DESCRIPTION	DATE
1	ADDENDUM #2	08.10.2026

FIRST FLOOR DEMOLITION PLAN - UNIT B

MD11B

Autodesk Docs: /Portage TS US Cafeteria Renovation/2025_MECH_226023.00.rvt
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ROOM LEGEND		
ROOM NO.	ROOM NAME	AREA (SF)
C107	GYMNASIUM	21917 SF
C108	CORRIDOR	1837 SF
C201	BALCONY	1733 SF
C202	MECHANICAL	1532 SF
C203	MECHANICAL	1113 SF
C204	BALCONY	1687 SF
C205	MECHANICAL	1204 SF
CS1-2	STAIR	194 SF
CS2-2	STAIR	194 SF
CS3-2	STAIR	194 SF
CS4-2	STAIR	194 SF

VENTILATION PLAN GENERAL NOTES

- A. ALL DUCTWORK, PIPING AND VALVES SHALL BE CONCEALED ABOVE THE CEILING AND WITHIN WALLS, UNLESS OTHERWISE NOTED.
- B. REFER TO THE SPECIFICATIONS FOR REQUIREMENTS RELATED TO EQUIPMENT QUALITY, CONSTRUCTION AND FINISH OF MATERIALS.
- C. ARRANGE DUCTWORK, PIPING, ETC. TO ALLOW FOR EASY ACCESS TO COILS, VALVES, DAMPERS AND CONTROLS. KEEP AREAS ADJACENT TO ACCESS PANELS FREE AND CLEAR OF ANY OBSTRUCTIONS.
- D. SEAL DUCT PENETRATIONS THROUGH THE FLOOR AND/OR WALLS IN ACCORDANCE WITH MECHANICAL CODE AND SMACNA REQUIREMENTS. SEAL DUCT PENETRATIONS THROUGH FIRE RATED FLOORS AND/OR WALLS WITH A MATERIAL HAVING SAME FIRE RATING AS THE WALL AND/OR FLOOR.
- E. MECHANICAL CONTRACTOR IS RESPONSIBLE FOR HIS RESPECTIVE WORK FOR REPAIRING AND PATCHING TO MATCH EXISTING SURFACES, SIDEWALKS, STREETS, FLOORS, WALLS, ROOFS, CEILING AND PAVEMENT. ALL RECTANGULAR SHEET METAL DUCT SIZES SHOWN ARE INSIDE FREE AREA DIMENSIONS. ALL ROUND DUCT SIZES SHOWN ARE INSIDE DIAMETERS.
- F. PROVIDE BALANCING DAMPERS AT EACH DUCT BRANCH, SERVING DIFFUSER, GRILLE AND REGISTER.
- G. COORDINATE ALL REQUIRED WALL, ROOF AND FLOOR OPENINGS (BOTH DIMENSIONS AND LOCATIONS) WITH ALL OTHER TRADES.
- H. COORDINATE MECHANICAL SYSTEM INSTALLATION WITH STRUCTURE, FIRE PROTECTION AND LIGHTING LAYOUT. PROVIDE ALL NECESSARY TRANSITIONS TO EQUIPMENT FROM SIZES SHOWN ON PLAN.
- I. ALL EXPOSED DUCTWORK AND DUCT MOUNTED DIFFUSERS SHALL BE PAINTED TO COLOR SELECTED BY THE ARCHITECT/ENGINEER. CLEAN AND PREPARE DUCTWORK TO ENSURE PAINT ADHERES TO DUCTWORK. ALL RETURN/EXHAUST AIR DUCT ABOVE LOCKERS/SHOWER AREAS SHALL BE MADE OF ALUMINUM IN ACCORDANCE WITH SMACNA REQUIREMENTS.
- J. COORDINATE DIFFUSER AND GRILLE LOCATIONS WITH ARCHITECTURAL, REFLECTED CEILING PLANS AND EQUIPMENT PLANS. DIFFUSER/GRILLES TO BE CENTERED IN CEILING TILES.
- K. MAIN SUPPLY AIR DUCTWORK TO BE MEDIUM PRESSURE RATED PER SMACNA REQUIREMENTS FOR AIR HANDLING UNITS TO TERMINAL UNITS. DUCTWORK BRANCHES FROM TERMINAL UNITS TO AIR DEVICES SHALL BE LOW PRESSURE RATED PER SMACNA REQUIREMENTS.
- L. VAV BOXES SHALL BE INSTALLED SUCH THAT NO PIPING, DUCTWORK, HANGERS, FIRE PROTECTION, ETC. SHALL BE INSTALLED WITHIN 9" IF THE CONTROL PANEL. THE UNIT SHALL NOT BE INSTALLED DIRECTLY ABOVE LIGHT FIXTURE OR CEILING TILE WITH SPEAKER, OCCUPANCY SENSOR, FIRE SPRINKLER, ETC.
- M. ALL VAV TERMINAL UNITS, FIRE DAMPERS, SMOKE DAMPERS AND KLINE EXHAUST FANS SHALL BE INSTALLED WITHIN TWO FEET OF THE CEILING MAINTENANCE ACCESS.
- N. COORDINATE WALL MOUNTED DIFFUSER LOCATION WITH ARCHITECTURAL, INTERIOR ELEVATIONS. COORDINATE WALL COVERS LOCATIONS WITH ARCHITECTURAL EXTERIOR ELEVATIONS.
- O. UNLESS OTHERWISE INDICATED, ALL ABOVE CEILING SPACES SHALL BE CONSIDERED PART OF THE RETURN PLENUM, THEREFORE ALL PIPE, DUCT, CONTROL DEVICES, WIRING, AND EQUIPMENT SHALL BE RATED AND ACCEPTABLE FOR INSTALLATION IN THE PLENUM SPACE.

VENTILATION PLAN NOTES

(ALL NOTES MAY NOT BE INDICATED ON THIS SHEET)

NO.	DESCRIPTION
V2	EXISTING WALL GRILLES TO BE REMOVED AND CLEANED TO LIKE NEW CONDITION. CLEAN DEBRIS FROM CONNECTING CHASE BEFORE REINSTALLING.
V8	CONTRACTOR SHALL INSTALL NEW ROOFTOP VENTILATOR ON EXISTING ROOF IN SUCH A MANNER THAT IT DOES NOT VOID ANY WARRANTY THE OWNER HAS ON THEIR ROOFING SYSTEM. MODIFY ROOF OPENING AS REQUIRED.
V10	COORDINATE DUCT ROUTING WITH EXISTING STRUCTURAL, GYM EQUIPMENT AND OTHER TRADES IN THIS AREA. MODIFY DUCT ROUTING AS REQUIRED.
V11	PROVIDE VOLUME DAMPER IN VERTICAL DUCTWORK TO AIR DEVICE.
V12	PAINT DUCTWORK AND DIFFUSERS/GRILLES TO COLOR SELECTED BY THE ARCHITECT/ENGINEER. CLEAN AND PREPARE DUCTWORK TO ENSURE PAINT ADHERES TO DUCTWORK.

VERIFICATION NOTE

CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CLEARANCES AND ALL EXISTING FIELD CONDITIONS BEFORE STARTING CONSTRUCTION. COMMENCEMENT OF WORK CONSTITUTES ACCEPTANCE OF CONDITIONS.

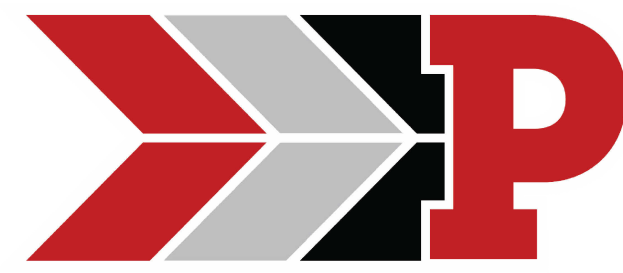
SHOULD DIFFERENT CONDITIONS BE ENCOUNTERED, CONTACT THE ARCHITECT BEFORE PROCEEDING WITH WORK.

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Portage High School 2026 Renovations

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PORTAGE TOWNSHIP SCHOOLS



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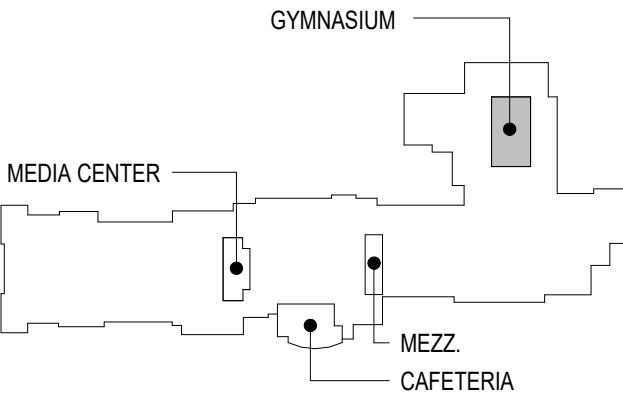
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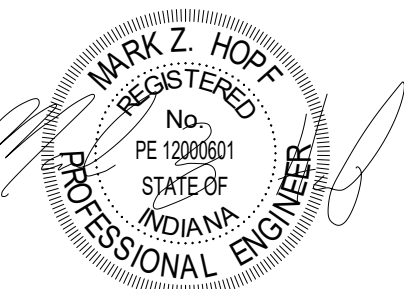
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KEY PLAN

CONSTRUCTION DOCUMENTS



DRAWN BY: DJA

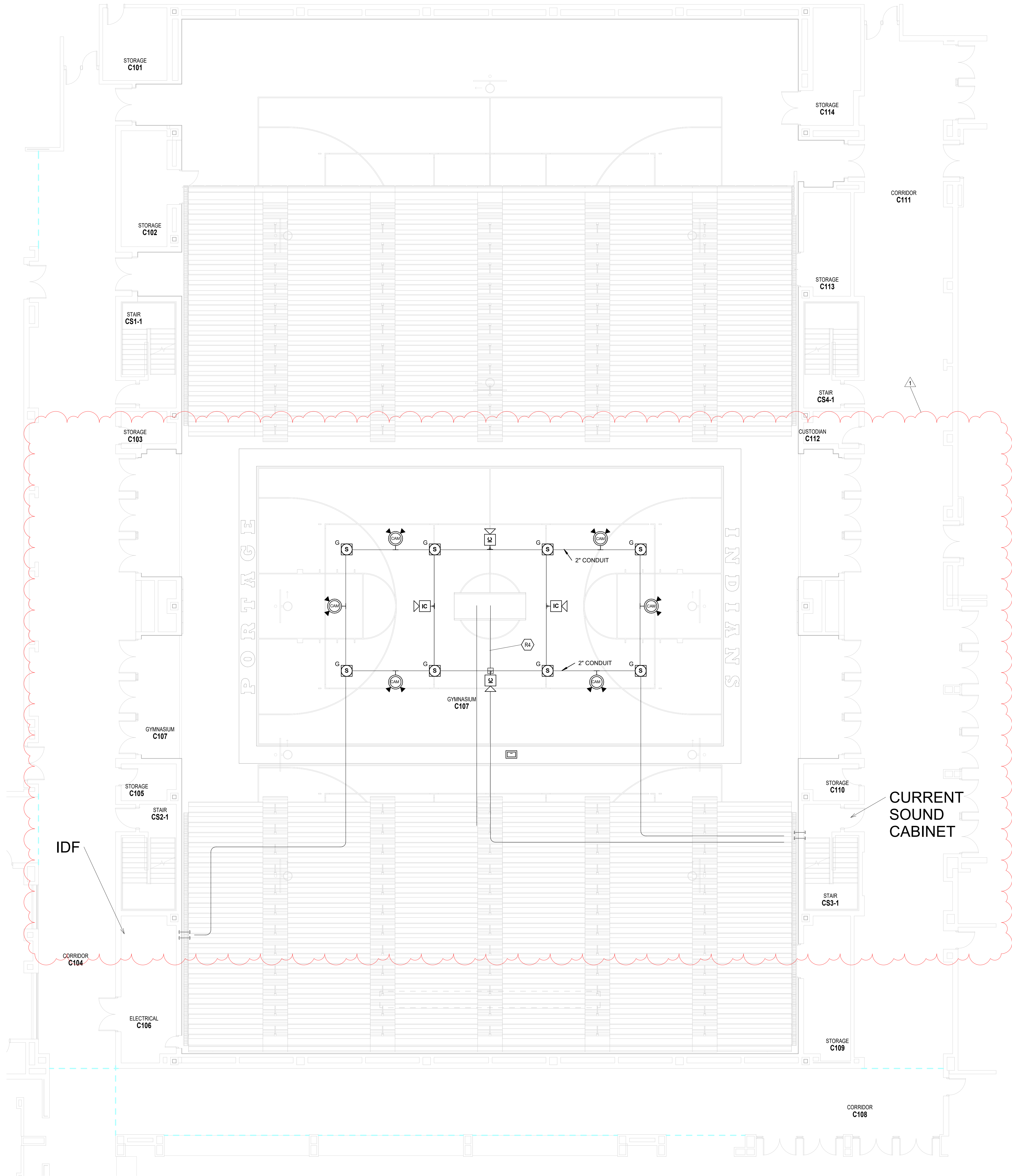
PROJECT NUMBER: 226023.00

PROJECT ISSUE DATE: 07.17.2026

REV. NO.	DESCRIPTION	DATE
1	ADDENDUM #2	09.10.2026

SECOND FLOOR VENTILATION PLAN - UNIT C

MV12C



1 FIRST FLOOR TECHNOLOGY ROUGH-IN PLAN - GYM
SCALE: 1/8" = 1'-0"

ROOM LEGEND			
ROOM NO.	OWNER ROOM NO.	ROOM NAME	AREA (SF)
FIRST FLOOR - EAST			
C101		STORAGE	154 SF
C102		STORAGE	186 SF
C103		STORAGE	58 SF
C104		CORRIDOR	2882 SF
C105		STORAGE	64 SF
C106		ELECTRICAL	260 SF
C107		GYMNASIUM	21917 SF
C108		CORRIDOR	1837 SF
C109		STORAGE	218 SF
C110		STORAGE	64 SF
C111		CORRIDOR	3375 SF
C112		CUSTODIAN	58 SF
C113		STORAGE	158 SF
C114		STORAGE	190 SF
CS1-1		STAIR	170 SF
CS2-1		STAIR	170 SF
CS3-1		STAIR	170 SF
CS4-1		STAIR	170 SF

TECHNOLOGY ROUGH-IN GENERAL NOTES

A. DEVICES SHALL BE INSTALLED AT LOCATIONS SHOWN ON DRAWINGS. LOCATIONS OF DEVICES SHALL BE COORDINATED WITH OTHER ELECTRICAL DEVICES/ CASEWORK/ ARCHITECTURAL FEATURES AND OTHER TRADES PRIOR TO ROUGH-IN. IF RELOCATION OF DEVICES IS REQUIRED DUE TO LACK OF COORDINATION BETWEEN ELECTRICAL DRAWINGS AND OTHER TRADES, ANY ASSOCIATED COSTS SHALL BE RESPONSIBILITY OF ELECTRICAL CONTRACTOR.

ROUGH-IN PLAN NOTES

(ALL NOTES MAY NOT BE INDICATED ON THIS SHEET)

SHEET KEYNOTES

R4 PROVIDE CONDUIT PATHWAY FOR CENTER-HUNG SCOREBOARD SYSTEM. SCOREBOARD, CONTROL CABLING AND ASSOCIATED EQUIPMENT BY P.T.S. COORDINATE CONDUIT SIZE, QUANTITY AND TERMINATION LOCATIONS WITH P.T.S. PRIOR TO ROUGH-IN.

PORTAGE TS/HS
CAFETERIA
RENOVATION

1234 Street Address
City, State 00000

PORTAGE TOWNSHIP
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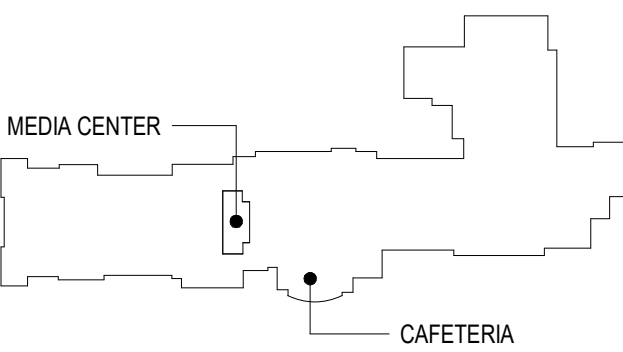
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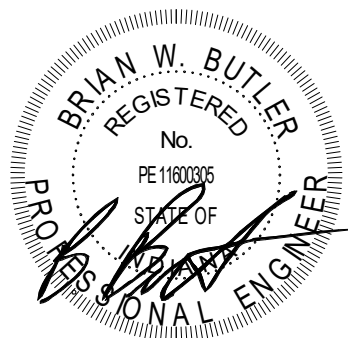
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KEY PLAN

CONSTRUCTION DOCUMENTS



DRAWN BY: JJR

PROJECT NUMBER: 220223.00

PROJECT ISSUE DATE: 8/14/2025

REV. NO.	DESCRIPTION	DATE
1	Addendum #2	09/10/2025

VERIFICATION NOTE

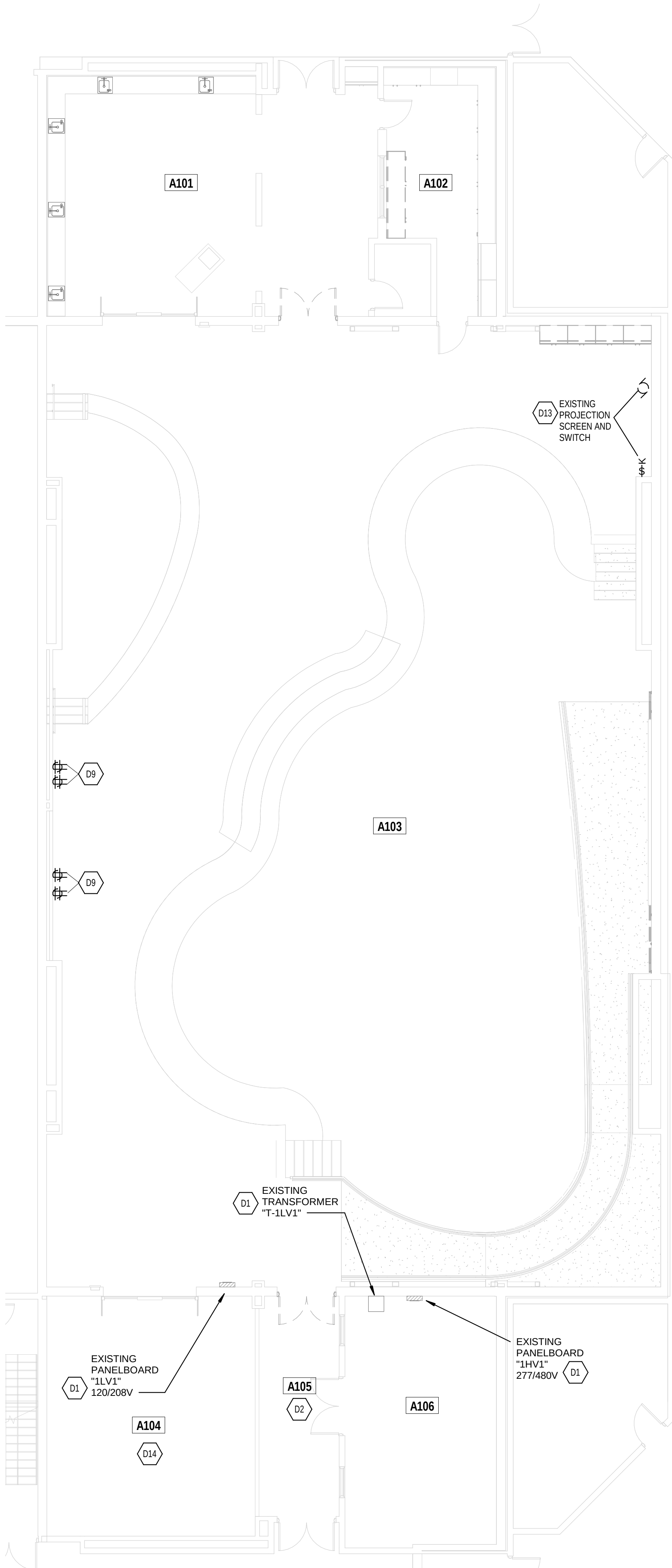
CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CLEARANCES AND ALL EXISTING FIELD CONDITIONS BEFORE STARTING CONSTRUCTION. COMMENCEMENT OF WORK CONSTITUTES ACCEPTANCE OF CONDITIONS.

SHOULD DIFFERENT CONDITIONS BE ENCOUNTERED, CONTACT THE ARCHITECT BEFORE PROCEEDING WITH WORK.

FIRST FLOOR TECHNOLOGY
ROUGH-IN PLAN - UNIT C

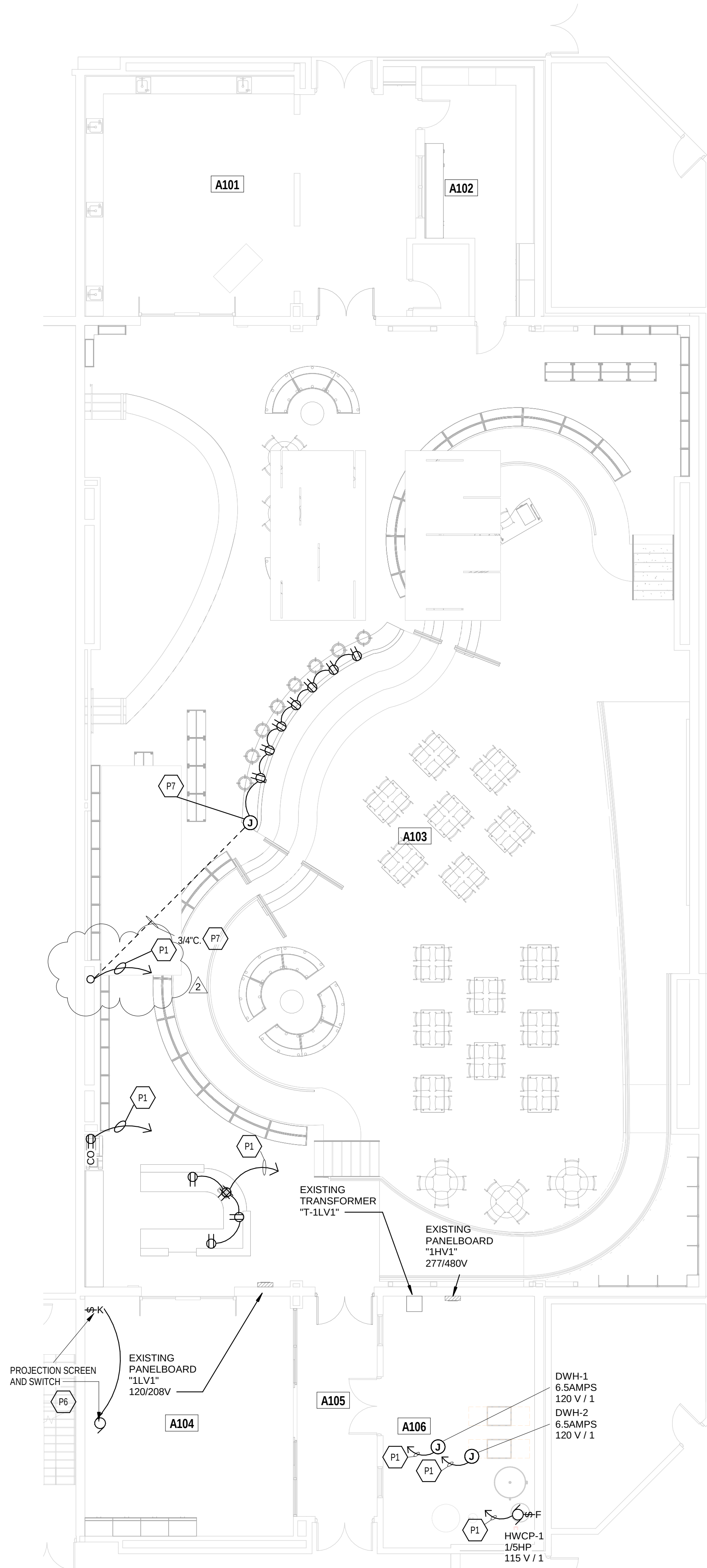
ET11C

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9/10/2025 2:30:03 PM



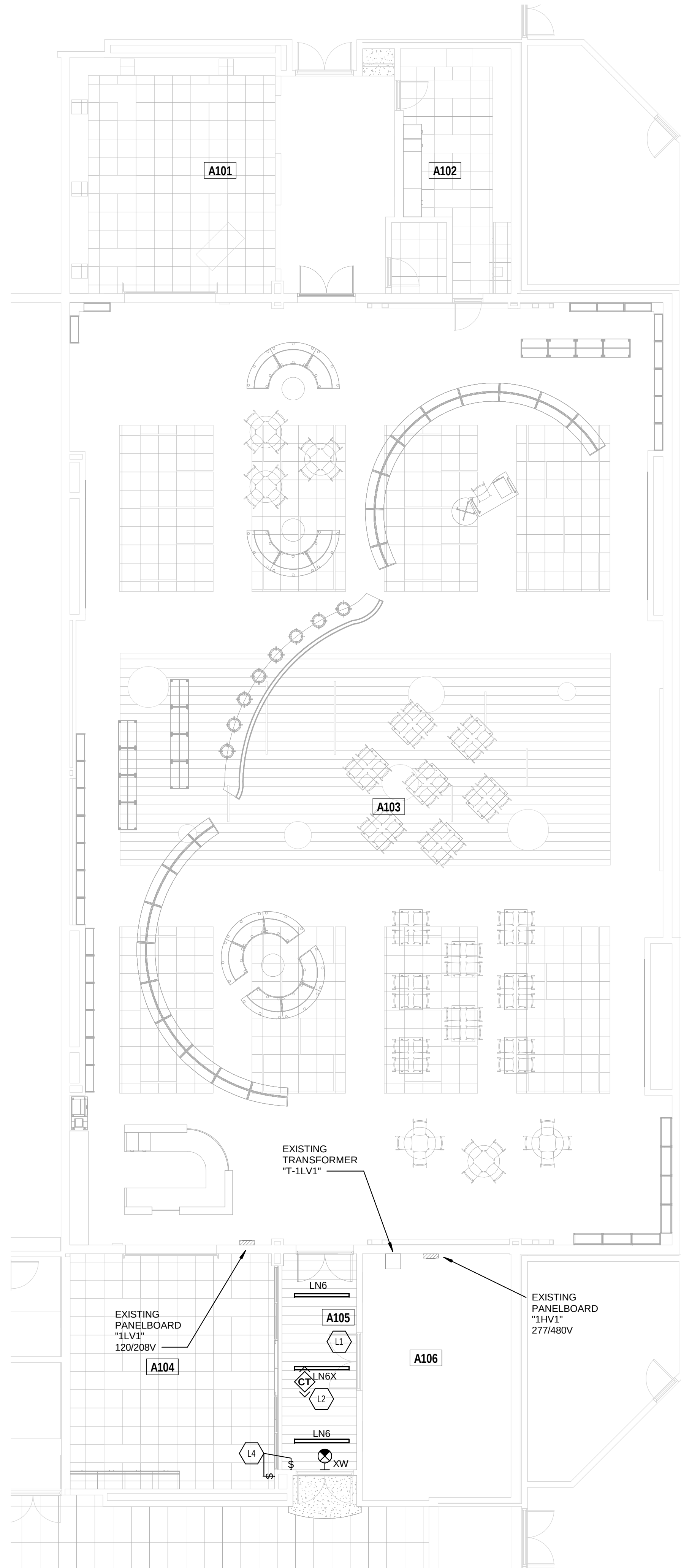
LEARNING LAB ELECTRICAL DEMOLITION PLAN

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



LEARNING LAB POWER PLAN

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



LEARNING LAB LIGHTING PLAN

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

ROOM LEGEND			
ROOM NO.	OWNER ROOM NO.	ROOM NAME	AREA (SF)
		STAIR	47 SF
		STEM LAB	890 SF
A101		MEDIA WORKROOM	274 SF
A102		MEDIA CENTER	6571 SF
A103		MEDIA COMMONS	582 SF
A104		CORRIDOR	214 SF
A105		UTILITY	438 SF

LIGHTING PLAN GENERAL NOTES

1. GENERATOR TRANSFER DEVICE TO TAKE FIXTURE TO 100% IN EMERGENCY CONDITION.
2. FINAL CONNECTOR TO RECESSED LUMINAIRES SHALL BE WITH FLEXIBLE METALLIC CONDUIT, MC CABLE OR MANUFACTURED WIRING SYSTEM.
3. REFER TO ARCHITECTURAL REFLECTED CEILING PLANS FOR LOCATION OF LUMINAIRES. COORDINATE LOCATION OF LUMINAIRES, LOUDESPEAKERS, DIFFUSERS, GRILLES, AND OTHER CEILING INSTALLED ELEMENTS WITH THEIR RESPECTIVE INSTALLERS.
4. REFER TO ARCHITECTURAL REFLECTED CEILING PLAN AND ROOM FINISH SCHEDULE TO DETERMINE PROPER TYPE OF LUMINAIRE TRIM REQUIRED FOR CEILING TYPE PRIOR TO ORDERING LUMINAIRES. PROVIDE LUMINAIRES COMPATIBLE WITH CEILING TYPE.
5. RECESSED LUMINAIRE IN GRID CEILING SYSTEMS SHALL BE PROVIDED WITH SEISMIC CLIPS OR PROVIDE ATTACHMENT TO CEILING GRID SYSTEM AND SUPPORTED PER PROJECT MANUAL AND DETAIL "SE-501".
6. LUMINAIRE TYPE IS SHOWN ONLY ONCE, AS "TYP." IN EVERY ROOM. PROVIDE SAME TYPE OF LUMINAIRE THROUGH-OUT SAME ROOM UNLESS OTHERWISE INDICATED.
7. PROVIDE NO. 10 AWG. MINIMUM CONDUCTORS FOR EXIT SIGNS AND SECURITY LIGHT CIRCUITS.

DEMOLITION PLAN GENERAL NOTES

1. REFER TO ELECTRICAL SPECIFICANTS SECTIONS 280005 "ELECTRICAL DEMOLITION" FOR ADDITIONAL REQUIREMENTS THAT APPLY TO THIS DRAWING SHEET.
2. REMOVE ELECTRICAL EQUIPMENT COMPLETE.

FIRE ALARM PLAN GENERAL NOTES

1. ALL NEW FIRE ALARM DEVICES TO BE CONNECTED TO THE EXISTING FIRE ALARM SYSTEM.
2. COORDINATE WITH EXISTING EQUIPMENT. PROVIDE PROGRAMMING AND TESTING AS REQUIRED.
3. FIRE ALARM LAYOUT IS SHOWN FOR COVERAGE AREA ONLY. CONTRACTOR SHALL PROVIDE DEVICES AS REQUIRED FOR COMPLETE COVERAGE.

POWER PLAN GENERAL NOTES

1. PROVIDE REVISED TYPED PANELBOARD DIRECTORIES FOR EACH PANELBOARD ADDED OR MODIFIED DURING CONSTRUCTION. FIELD VERIFY EXISTING CIRCUIT INFORMATION WITH OWNER'S ASSISTANCE TO ENSURE FINAL DIRECTORY IS ACCURATE. UNUSED SPARE BREAKERS SHALL BE IN THE OPEN POSITION.
2. CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CLEARANCES AND ALL EXISTING FIELD CONDITIONS BEFORE STARTING CONSTRUCTION. COMMENCEMENT OF WORK CONSTITUTES ACCEPTANCE OF CONDITIONS. SHOULD DIFFERENT CONDITIONS BE ENCOUNTERED, CONTACT THE ARCHITECT BEFORE PROCEEDING WITH WORK.
3. LABEL EACH RECEPTACLE WITH THE PANEL NAME AND CIRCUIT NUMBER ON THE FACE OF EACH COVER PLATE WITH A TYPED LAMINATED LABEL.
4. PROVIDE "GFCI PROTECTED" LABEL ON COVER PLATE FOR ANY GFCI PROTECTED DEVICE.
5. CONTRACTOR SHALL INCREASE CIRCUIT CONDUCTOR SIZE TO COMPENSATE FOR VOLTAGE DROP DUE TO EXCESSIVE CIRCUIT LENGTHS. IN NO CASE SHALL VOLTAGE DROP EXCEED NFPA 70 (N.E.C.) REQUIREMENTS.
6. REFER TO MECHANICAL PLANS FOR LOCATION OF MECHANICAL EQUIPMENT. LOCATE DISCONNECT SWITCHES PER NEC.
7. REFER TO "CONTROL SCHEMATICS" MECHANICAL DRAWINGS FOR ADDITIONAL CONTROL WIRING AND CONTROL CONNECTIONS.
8. ALL DEVICES, EQUIPMENT, FIXTURES, AND THE LIKE, SHALL BE BONDED WITH A PROPERLY SIZED EQUIPMENT GROUNDING CONDUCTOR. MAINTAIN MECHANICAL/ELECTRICAL BONDS OF METALLIC RACEWAY SYSTEM.

SHEET KEYNOTES

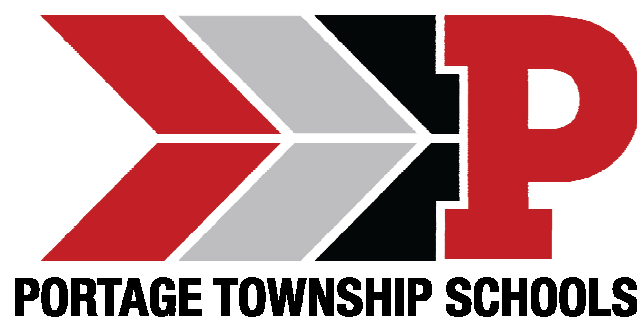
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|-----|--|
| D1 | EXISTING ELECTRICAL EQUIPMENT TO REMAIN IN PLACE. |
| D2 | DISCONNECT AND REMOVE EXISTING LIGHT FIXTURES AND LIGHT SWITCHES IN THIS ROOM. EXISTING LIGHTING CIRCUIT IS TO REMAIN IN PLACE FOR NEW LIGHTING. |
| D9 | DISCONNECT AND REMOVE EXISTING RECEPTACLE AT THIS LOCATION AND REMOVE WIRING BACK TO THE SOURCE. |
| D13 | EXISTING PROJECTION SCREEN AND SWITCH TO BE RELOCATED. REFER TO THE POWER PLAN ON THIS SHEET FOR NEW LOCATION AND ADDITIONAL REQUIREMENTS. |
| D14 | EXISTING LIGHT FIXTURES IN THIS ROOM ARE TO REMAIN. REFER TO THE LIGHTING PLAN ON THIS SHEET FOR NEW SWITCHING REQUIREMENTS. |
| L1 | WIRE NEW LIGHTING IN THIS ROOM TO EXISTING LIGHT SWITCH AND EXISTING LIGHTING CIRCUIT IN THIS AREA. |
| L2 | WIRE THE EMERGENCY SIDE OF THIS LIGHT FIXTURE TO THE EMERGENCY LIGHTING CIRCUIT IN THIS AREA. |
| L4 | NEW LIGHT SWITCH TO CONTROL NEW AND EXISTING LIGHT FIXTURES IN ROOM WHERE THE SWITCH IS TO BE LOCATED. |
| P1 | WIRE TO A SPARE 20 AMP, 1-POLE CIRCUIT BREAKER IN THE NEAREST EXISTING 120/208V PANELBOARD. |
| P6 | NEW LOCATION OF EXISTING PROJECTION SCREEN AND SWITCH. EXTEND EXISTING CIRCUITRY TO THIS NEW LOCATION. |
| P7 | RUN POWER AND DATA CONDUITS UNDERSLAB FROM EXISTING CHASE TO NEW LOW WALL. |

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PORTAGE HIGH SCHOOL - 2026 RENOVATIONS

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PORTAGE TOWNSHIP SCHOOLS



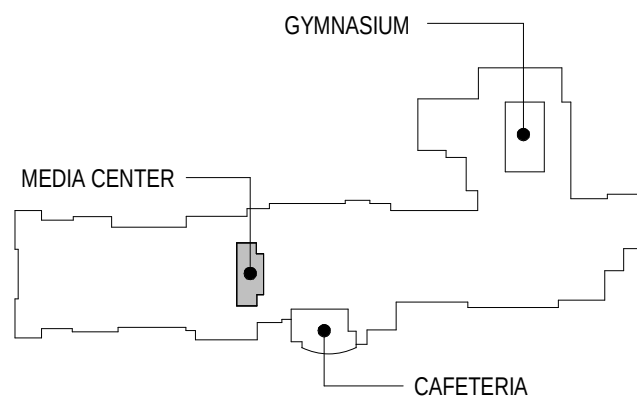
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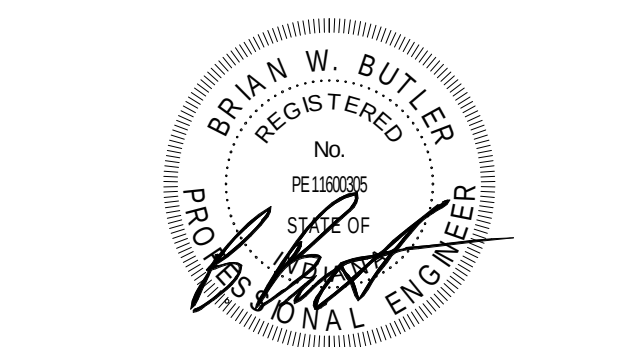
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KEY PLAN

CONSTRUCTION DOCUMENTS



PROJECT MANAGER: MKS

DRAWN BY: MMS

PROJECT NUMBER: 220203.00

PROJECT ISSUE DATE: 8-14-2025

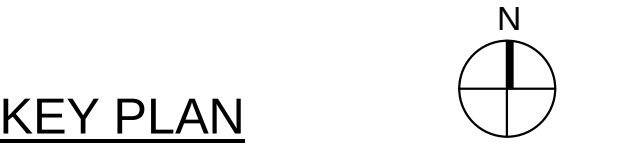
REV. NO.	DESCRIPTION	DATE
1	ADDENDUM NO. 1	9-4-2026
2	ADDENDUM NO. 2	9-10-2026

FIRST FLOOR ELECTRICAL PLANS - UNIT A

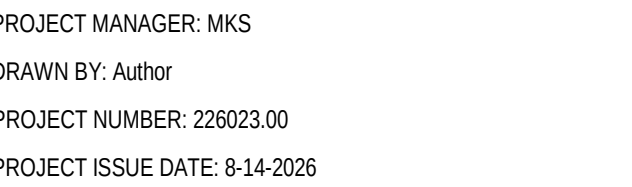
E-11A

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CONSTRUCTION DOCUMENTS



FIRST FLOOR POWER PLAN - UNIT B

EP11B

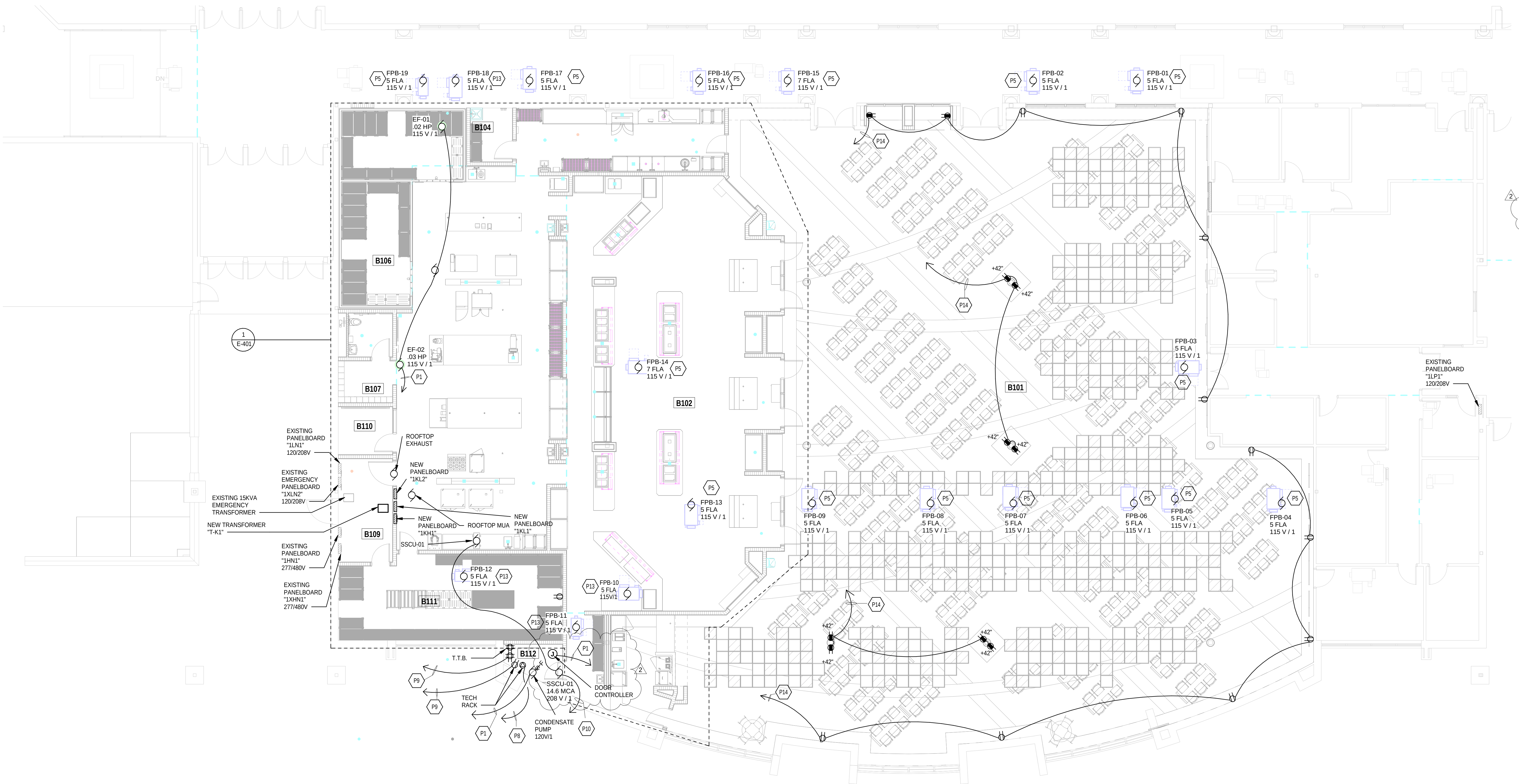
1. PROVIDE REVERSED TYPED PANELBOARD DIRECTIONS FOR EACH PANELBOARD ADDED OR MOVED DURING CONSTRUCTION. LABEL REVERSED TYPED INFORMATION WITH OWNER'S ASSURANCE TO ENSURE FINAL DIRECTORY IS ACCURATE. UNUSED SPARE CIRCUITS MUST BE IN THE PRESENCE OF THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CLEARANCES AND ALL EXISTING FIELD CONDITIONS BEFORE ANY NEW CONSTRUCTION. CONTRACTOR SHALL CONSTITUTE ACCEPTANCE OF CONDITIONS. SHOULD CONDITIONS BE ENCOUNTERED, CONTRACTOR MUST ARCHITECT REPAIRS TO BE IN ACCORD WITH WORK.
2. LABEL EACH RECEPTACLE WITH THE PANEL NAME AND CIRCUIT NUMBER ON THE FACE OF EACH COVER PLATE WITH A TYPED LAMINATED LABEL.
3. PROVIDE PROTECTED LABEL ON COVER PLATE FOR ANY GFCO PROTECTED CIRCUIT.
4. CONTRACTOR SHALL INCREASE CIRCUIT CONDUCTOR SIZE TO COMPENSATE FOR VOLTAGE DROPS DUE TO EXCESSIVE CIRCUIT LENGTHS. IN NO CASE SHALL VOLTAGE DROP EXCEED ANY N.E.C. REQUIREMENTS.
5. PROVIDE MECHANICAL PLANS TO SHOW DETAIL OF MECHANICAL EQUIPMENT. LOCATE DISCONNECT SWITCHES PER N.E.C.
6. REFER TO MECHANICAL SCHEMATICS MECHANICAL DRAWINGS FOR ADDITIONAL CONTROL WIRING AND CIRCUIT CONNECTIONS.
7. ALL EQUIPMENT, INCLUDING FIXTURES, AND THE LIKE, SHALL BE BONDED WITH A PROPERLY SIZED EQUIPMENT GROUNDING CONDUCTOR. MAINTAIN MECHANICAL/ELECTRICAL BOND OF METALLIC RACEWAY SYSTEM.

P1	WIRE TO A SPARE 20 AMP, 1-POLE CIRCUIT BREAKER IN NEAREST EXISTING 120/208V PANELBOARD.
P5	WIRE MECHANICAL UNIT TO EXISTING POWER CIRCUIT FROM MECHANICAL UNIT IN SAME PANELBOARD THAT OTHER MECHANICAL UNITS ARE WIRE TO.
P6	WIRE TO A NEW 30 AMP, 1-POLE CIRCUIT BREAKER IN NEAREST EXISTING 120/208V PANELBOARD. WIRE WITH 3#10.
P9	WIRE TO A SPARE 20 AMP, 1-POLE CIRCUIT BREAKER IN NEAREST EXISTING 120/208V PANELBOARD. WIRE WITH 3#10.
P10	WIRE TO A NEW 20 AMP, 2-POLE CIRCUIT BREAKER IN THE NEAREST EXISTING 120/208V PANELBOARD WITH SPARE CAPACITY.
P13	WIRE NEW MECHANICAL UNIT TO A SPARE 20AMP, 1-POLE CIRCUIT BREAKER IN THE SAME PANELBOARD THAT THE OTHER MECHANICAL UNITS IN THIS AREA ARE WIRED TO.
P14	WIRE RECEPTACLES TO A NEW 20 AMP, 2-POLE CIRCUIT BREAKER IN THE NEAREST EXISTING 120/208V PANELBOARD. THE EXISTING RECEPTACLES IN THIS ROOM ARE FED FROM.

CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CLEARANCES AND ALL EXISTING FIELD CONDITIONS BEFORE STARTING CONSTRUCTION. COMMENCEMENT OF WORK CONSTITUTES ACCEPTANCE OF CONDITIONS.

SHOULD DIFFERENT CONDITIONS BE ENCOUNTERED, CONTACT THE ARCHITECT BEFORE PROCEEDING WITH WORK.

ROOM LEGEND			
ROOM NO.	OWNER ROOM NO.	ROOM NAME	AREA (SF)
B101		CAFETERIA	6749 SF
B102		SERVING	2419 SF
B103		WASH/WASHING	371 SF
B104		CUSTOMER	83 SF
B105		KITCHEN	1673 SF
B106		COOLER / FREEZER	501 SF
B107		LOCKERS	66 SF
B108		TOILET	54 SF
B109		RECEIVING	155 SF
B110		OFFICE	73 SF
B111		DRY STORAGE	519 SF
B112		TECH CLOSET	52 SF
B113		GRAB & GO	279 SF



CAFETERIA POWER PLAN

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

Branch Panel: 1KH1

Location: KITCHEN B105
Supply From: EXISTING SWITCHBOARD MHPD
Mounting: Recessed
Enclosure: Type 1

Volts: 480/277 Wye
Phases: 3
Wires: 4

A.I.C. Rating:
Main Type: MLO
Main Rating: 800 A
MCB Rating: 800 A

Notes:

CKT	Circuit Description	Trip	Poles	A	B	C	Poles	Trip	Circuit Description	CKT
1	TRANSFORMER T-K1 300 KVA RM. B109	500 A	3	35208... 34600...	36671... 34600...	27481... 34600...	3	125 A	UTILITY DISTRIBUTION SYSTEM 124.6 KW NOTE 1	2
3	--	--	--	--	--	--	--	--	--	4
5	--	--	--	--	--	--	--	--	--	6
7	UTILITY DISTRIBUTION SYSTEM 290.6 KW NOTE 1	350 A	3	96800... 2657 VA	96880... 2657 VA	2657 VA	3	20 A	ROOFTOP MUA 9.6 AMPS ROOF ABOVE B105	8
9	--	--	--	--	--	--	--	--	--	10
11	--	--	--	--	--	--	--	--	--	12
13	ROOFTOP MUA 9.6 AMPS	20 A	3	2657... 942 VA	2657 VA	942 VA	3	20 A	GARBAGE DISPOSAL 2HP RM.B103	14
15	--	--	--	--	--	--	--	--	--	16
17	--	--	--	--	--	--	--	--	--	18
19	GARBAGE DISPOSAL 2 HP RM. B105	20 A	3	942 VA 21120...	942 VA 21120...	2657 VA 942 VA	3	125 A	CONVEYOR TYPE DISHWASHER 76.3 AMPS RM...	20
21	--	--	--	--	--	--	--	--	--	22
23	--	--	--	--	--	--	--	--	--	24
25	GARBAGE DISPOSAL 2 HP RM. B103	20 A	3	942 VA 0 VA	942 VA 0 VA	942 VA 0 VA	1	20 A	Spare	26
27	--	--	--	--	--	--	1	20 A	Spare	28
29	--	--	--	--	--	--	1	20 A	Spare	30
31	Spare	20 A	1	0 VA 0 VA	0 VA 0 VA	0 VA 0 VA	1	20 A	Spare	32
33	Spare	20 A	1	0 VA 0 VA	0 VA 0 VA	0 VA 0 VA	1	20 A	Spare	34
35	Spare	20 A	1	0 VA 0 VA	0 VA 0 VA	0 VA 0 VA	1	20 A	Spare	36
37	Spare	20 A	1	0 VA 0 VA	0 VA 0 VA	0 VA 0 VA	1	20 A	Spare	38
39	Spare	20 A	1	0 VA 0 VA	0 VA 0 VA	0 VA 0 VA	1	20 A	Spare	40
41	Spare	20 A	1	0 VA 0 VA	0 VA 0 VA	0 VA 0 VA	1	20 A	Spare	42
Total Load:		195946 VA		197409 VA		188219 VA		679 A		
Total Amps:		712 A		717 A		679 A				

Legend:

Load Classification	Connected Load	Demand Factor	Estimated Demand	Panel Totals
Motor	17782 VA	111.21%	19775 VA	
Other	528204 VA	100.00%	528204 VA	Total Conn. Load: 581575 VA
Receptacle - Convenience	27242 VA	80.00%	21794 VA	Total Est. Demand: 576450 VA
Receptacle - Special	8347 VA	80.00%	6678 VA	Total Conn.: 700 A
				Total Est. Demand: 693 A

Notes:

NOTE 1 - PROVIDE SHUNT TRIP TYPE CIRCUIT BREAKER TO DISCONNECT POWER UNDER HOOD WITH ACTIVATION OF HOOD FIRE SUPPRESSION SYSTEM.

Branch Panel: 1KL1

Location: KITCHEN B105
Supply From: TRANSFORMER T-K1
Mounting: Recessed
Enclosure: Type 1

Volts: 120/208 Wye
Phases: 3
Wires: 4

A.I.C. Rating:
Main Type: MCB
Main Rating: 400 A
MCB Rating: 400 A

Notes:

CKT	Circuit Description	Trip	Poles	A	B	C	Poles	Trip	Circuit Description	CKT
1	UTILITY DISTRIBUTION SYSTEM 36 KW RM. B105	80 A	3	9596... 180 VA	9596 VA 1920 VA		1	20 A	BAKERY EXHAUST VENTILATION RM. B105	2
3	--	--	--	--	--	--	1	20 A	BAKERY EXHAUST VENTILATION (FIRE SUPPRESSION) RM. B105	4
5	--	--	--	--	--	9596 VA 900 VA	1	20 A	RECEPTS RM. B110	6
7	RECEPTS RM. B109, B111, B112	20 A	1	900 VA 2496 VA	1080 VA 2496 VA		2	30 A	COUNTERTOP HOTWATER DISPENSER 24 AMPS RM. B105	8
9	TWENTY QUART COUNTERTOP MIXER RM. B105	20 A	1				--	--	--	10
11	RECEPTS RM. B105	20 A	1			900 VA 0 VA	1	20 A	Spare	12
13	ISLAND KITCHEN PREP WORKTABLE RM. B105	20 A	1	1920... 2496 VA	1920 VA 2496 VA		2	30 A	ISLAND KITCHEN PREP WORKTABLE 24 AMPS RM.B105	14
15	ISLAND KITCHEN PREP WORKTABLE RM. B105	20 A	1				1	20 A	Spare	16
17	ELECTRIC CAN OPENER RM. B105	20 A	1			180 VA 1920...	1	20 A	BLAST CHILLER WORKCOUNTER RM. B105	18
19	COUNTERTOP DIGITAL SCALE RM. B105	20 A	1	180 VA 1548 VA			1	20 A	TWO DOOR REACH-IN REFRIG. RM. B102	20
21	TWO DOOR REACH-IN REFRIG. RM. B102	20 A	2		180 VA 1080 VA		1	20 A	RECEPTS RM. B102	22
23	--	--	--	--	--	180 VA 900 VA	1	20 A	RECEPTS RM. B113	24
25	RECEPTS RM. B113	20 A	1	720 VA 1440 VA	1200 VA 1400 VA		1	20 A	HOT-FOOD HOLDING CAB. RM. B113	26
27	UNDERCOUNTER NUGGET ICEMAKER RM. B113	20 A	1			1440 VA 410 VA	1	20 A	COUNTERTOP AUTO COFFEE MAKER RM. B113	28
29	COUNTERTOP SMOOTHIE DISP. RM. B113	20 A	1				1	20 A	REFRIG. GLASSDOOR MERCH RM. B113	30
31	POINT OF SALE SYSTEM RM. B113	20 A	1	1920... 420 VA	1560 VA 1560 VA		1	20 A	A-LA-CARTE PREP REFRIG. RM. B113	32
33	COUNTERTOP BEVERAGE BLENDER RM. B113	20 A	1			300 VA 900 VA	1	20 A	COUNTERTOP BEVERAGE BLENDER RM. B113	34
35	A-LA-CARTE WORKTOP FREEZER RM. B113	20 A	1				1	20 A	RECEPTS RM. B101	36
37	COILING GRILLE RM. B102	20 A	1	1840... 180 VA			1	20 A	WATER COOLER RM. B101 (NOTE 1)	38
39	COUNTERTOP HEATED MERCHANDISER RM...	20 A	2		615 VA 1230 VA		1	20 A	DROP-IN 48IN HEATED SHELF RM. B102	40
41	--	--	--	--	--	615 VA 1230...	1	20 A	DROP-IN 48IN HEATED SHELF RM. B102	42
43	PIZZA-ITALIAN BREATHGUARD RM. B102	20 A	1	120 VA 120 VA			1	20 A	HOMESTYLE BREATHGUARD RM. B102	44
45	DROP-IN FOUR PAN HOT/COLD WELL RM. B102	20 A	2		1279 VA 770 VA		2	20 A	DROP-IN TWO PAN HOT/COLD WELL RM. B102	46
47	--	--	--	--	--	1279 VA 770 VA	--	--	--	48
49	DROP-IN FOUR PAN WELL RM. B102	20 A	1	624 VA 1664 VA	120 VA 1664 VA		2	20 A	OPEN AIR REFRIGERATED MERCHANDISER RM. B102	50
51	FRESH FOOD BREATHGUARD RM. B102	20 A	1			360 VA 1920...	1	20 A	POINT OF SALE SYSTEM RM. B102	52
53	REFRIGERATED GLASSDOOR MERCHANDISER RM. B102	20 A	1				1	20 A	POINT OF SALE SYSTEM RM. B102	54
55	POINT OF SALE SYSTEM RM. B102	20 A	1	1920... 1920 VA	1920 VA 360 VA		1	20 A	REFRIGERATED GLASS DOOR MERCHANDISER RM. B102	56
57	POINT OF SALE SYSTEM RM. B102	20 A	1				1	20 A	OPEN AIR REFRIGERATED MERCHANDISER RM. B102	58
59	OPEN AIR REFRIGERATED MERCHANDISER RM. B102	20 A	2		728 VA 728 VA		2	20 A	OPEN AIR REFRIGERATED MERCHANDISER RM. B102	60
61	--	--	--	--	--	728 VA 1498 VA	2	20 A	TWO DOOR PASS-THRU HEATED CABINET RM. B102	62
63	OPEN AIR REFRIGERATED MERCHANDISER RM. B102	20 A	2			728 VA 1498...	--	--	--	64
65	--	--	--	--	--	--	--	--	--	66
67	TWO DOOR PASS THRU-REFRIG. RM. B102	20 A	1	1548... 0 VA			1	20 A	Spare	68
69	Spare	20 A	1		0 VA 0 VA		1	20 A	Spare	70
71	Spare	20 A	1		0 VA 0 VA	0 VA 0 VA	1	20 A	Spare	72
Total Load:		35208 VA		36671 VA		27481 VA		229 A		
Total Amps:		303 A		315 A		229 A				

Legend:

Load Classification	Connected Load	Demand Factor	Estimated Demand	Panel Totals
Motor	1840 VA	125.00%	2300 VA	
Other	61930 VA	100.00%	61930 VA	Total Conn. Load: 99359 VA
Receptacle - Convenience	27242 VA	80.00%	21794 VA	Total Est. Demand: 92701 VA
Receptacle - Special	8347 VA	80.00%	6678 VA	Total Conn.: 276 A
				Total Est. Demand: 257 A

Notes:

1. GFCI BREAKER 5mA

ONE LINE DIAGRAM SYMBOLS

	MAIN LUG ONLY CIRCUIT BREAKER PANELBOARD, REFER TO E8 SERIES DRAWINGS FOR PANELBOARD SCHEDULES		DIGITAL ELECTRONIC POWER METER		COMBINATION MAGNETIC MOTOR STARTER WITH FUSED SWITCH		FUSED SWITCH IN SWITCHBOARD, 3P UNO		FUSED POTENTIAL TRANSFORMER
	MAIN BREAKER IN CIRCUIT BREAKER PANELBOARD, REFER TO E8 SERIES DRAWINGS FOR PANELBOARD SCHEDULES		KIRK KEY INTERLOCK		COMBINATION MAGNETIC MOTOR STARTER WITH CIRCUIT BREAKER		DISCONNECT SWITCH IN SWITCHBOARD, 3P UNO		CURRENT TRANSFORMERS, 3 UNO
	THROUGH FEED LUGS CIRCUIT BREAKER PANELBOARD, REFER TO E8 SERIES DRAWINGS FOR PANELBOARD SCHEDULES		UTILITY METER		COMBINATION MAGNETIC MOTOR STARTER WITH MOTOR CIRCUIT PROTECTOR		TRANSFER SWITCH		CAPACITOR
	MAIN DOUBLE LUG CIRCUIT BREAKER PANELBOARD, REFER TO E8 SERIES DRAWINGS FOR PANELBOARD SCHEDULES		MAIN BREAKER IN CIRCUIT BREAKER PANELBOARD WITH SUB-FEED BREAKER, REFER TO E8 SERIES DRAWINGS FOR PANELBOARD SCHEDULES		COMBINATION MAGNETIC MOTOR STARTER WITH VARIABLE SPEED CONTROLLER		DISCONNECT, 3P UNO		EARTH GROUND
	MAIN DOUBLE LUG CIRCUIT BREAKER PANELBOARD, REFER TO E8 SERIES DRAWINGS FOR PANELBOARD SCHEDULES		MAIN BREAKER IN CIRCUIT BREAKER PANELBOARD WITH SPD MOUNTED ADJACENT WITH CLOSED NIPPLE, REFER TO E8 SERIES DRAWINGS FOR PANELBOARD SCHEDULES		COMBINATION MAGNETIC MOTOR STARTER WITH ELECTRONIC OVERLOADS		MOLDED CASE CIRCUIT BREAKER, 3P UNO		PLUG AND RECEPTACLE OR DRAWOUT DEVICE
	MAIN DOUBLE LUG CIRCUIT BREAKER PANELBOARD, REFER TO E8 SERIES DRAWINGS FOR PANELBOARD SCHEDULES		MAIN BREAKER IN CIRCUIT BREAKER PANELBOARD WITH SPD MOUNTED ADJACENT WITH CLOSED NIPPLE, REFER TO E8 SERIES DRAWINGS FOR PANELBOARD SCHEDULES		CIRCUIT BREAKER IN SWITCHBOARD, 3P UNO		PLUG AND RECEPTACLE OR DRAWOUT DEVICE		POWER TRANSFORMER
	MAIN DOUBLE LUG CIRCUIT BREAKER PANELBOARD, REFER TO E8 SERIES DRAWINGS FOR PANELBOARD SCHEDULES		MAIN BREAKER IN CIRCUIT BREAKER PANELBOARD WITH SPD MOUNTED ADJACENT WITH CLOSED NIPPLE, REFER TO E8 SERIES DRAWINGS FOR PANELBOARD SCHEDULES		INSULATED CASED POWER CIRCUIT BREAKER WITH ILS G.S.G. PROTECTION FEATURES, 3P UNO		3 PHASE MOTOR, X INDICATES HORSEPOWER OR KILOWATTS		CONTROL PANEL FURNISHED UNDER DIVISION 25
	MAIN DOUBLE LUG CIRCUIT BREAKER PANELBOARD, REFER TO E8 SERIES DRAWINGS FOR PANELBOARD SCHEDULES		MAIN BREAKER IN CIRCUIT BREAKER PANELBOARD WITH SPD MOUNTED ADJACENT WITH CLOSED NIPPLE, REFER TO E8 SERIES DRAWINGS FOR PANELBOARD SCHEDULES		DRAWOUT CIRCUIT BREAKER, 3P UNO		GENERATOR		
	MAIN DOUBLE LUG CIRCUIT BREAKER PANELBOARD, REFER TO E8 SERIES DRAWINGS FOR PANELBOARD SCHEDULES		MAIN BREAKER IN CIRCUIT BREAKER PANELBOARD WITH SPD MOUNTED ADJACENT WITH CLOSED NIPPLE, REFER TO E8 SERIES DRAWINGS FOR PANELBOARD SCHEDULES		SHUNT TRIP OPERATED CIRCUIT BREAKER				

Branch Panel: 1KL2

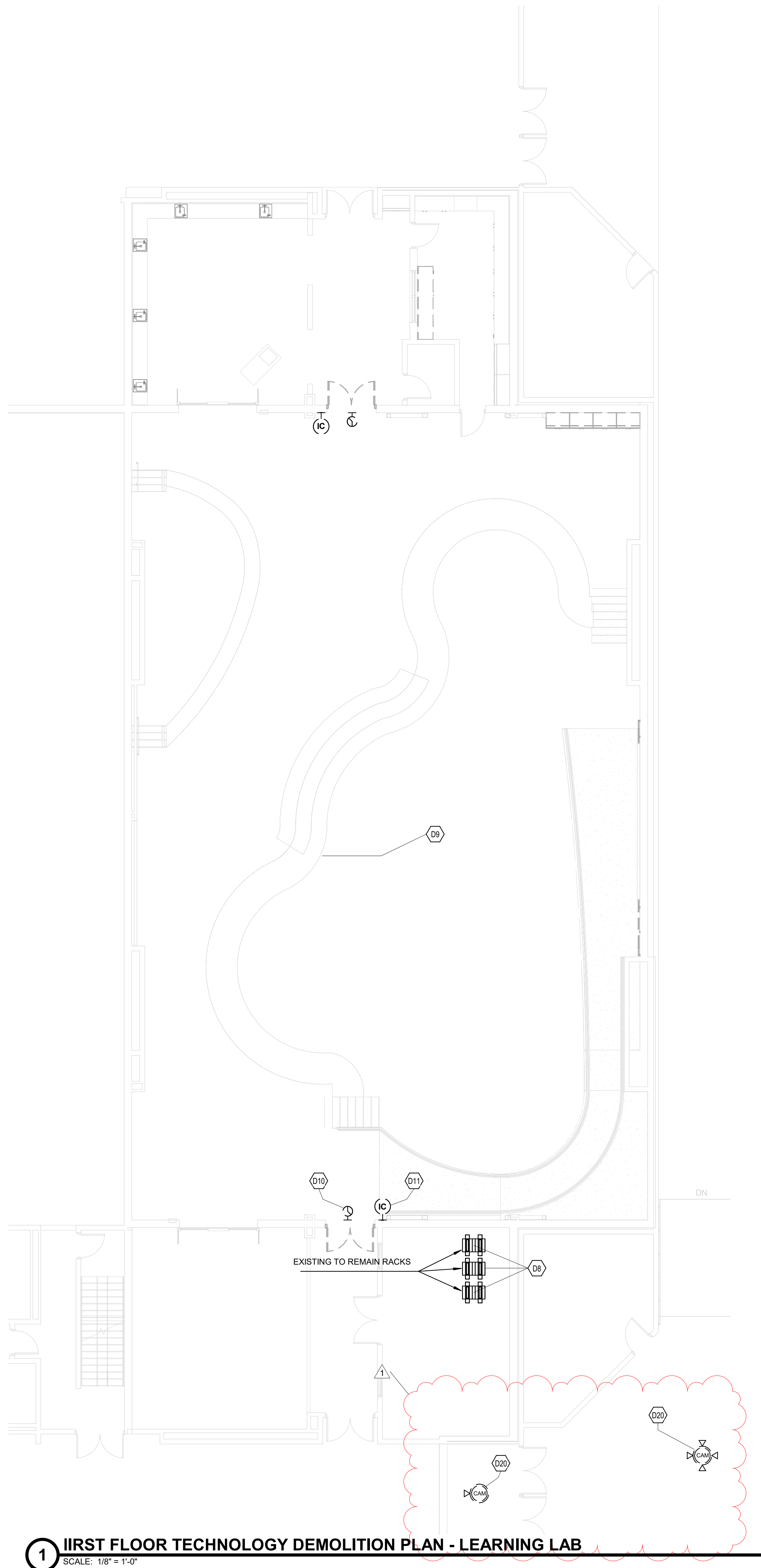
Location: KITCHEN B105
Supply From: TRANSFORMER T-K1
Mounting: Recessed
Enclosure: Type 1

Volts: 120/208 Wye
Phases: 3
Wires: 4

A.I.C. Rating:
Main Type: MCB
Main Rating: 400 A
MCB Rating: 400 A

Notes:

CKT	Circuit Description	Trip	Poles	A	B	C	Poles	Trip	Circuit Description	CKT
1	UTILITY DISTRIBUTION SYSTEM 28.8 KW RM...	50 A	3	5997... 720 VA			1	20 A	RECEPTS RM. B105, B107, B108	2
3	--	--	--	--	5997 VA 180 VA		1	20 A	KITCHEN EXHAUST VENTILATION RM. B105	4
5	--	--	--	--	--	5997 VA 1920...	1	20 A	KITCHEN EXHAUST VENTILATION (FIRE SUPPRESSION) RM. B105	6
7	COUNTERTOP GOOD PROCESSOR RM.B105	20 A	1	360 VA 360 VA			1	20 A	COUNTERTOP FOOD SLICER RM. B105	8
9	ISLAND KITCHEN PREP WORKTABLE RM. B105	20 A	1		1920 VA 1920 VA		1	20 A	ISLAND KITCHEN PREP WORKTABLE RM. B105	10
11	COUNTERTOP HOT WATER DISPENSER RM. B105	30 A	2			2496 VA 540 VA	1	20 A	RECEPTS RM. B105	12
13	--	--	--	2496... 540 VA			1	20 A	RECEPTS RM. B105	14
15	ELECTRIC CAN OPENER RM. B105	20 A	1		180 VA 180 VA		1	20 A	COUNTERTOP DIGITAL SCALE RM. B105	16
17	ISLAND COLD PREP WORKTABLE RM. B105	20 A	1			1920 VA 1920...	1	20 A	ISLAND COLD PREP WORKTABLE RM. B105	18
19	ISLAND COLD PREP WORKTABLE RM.B105	30 A	2	2496... 1440 VA			1	20 A	ICEMAKER WITH BIN RM. B105	20
21	--	--	--	2496 VA 1080 VA			1	20 A	RECEPTS RM. B103, B104, B105	22
23	DISH MACHINE EXHAUST VENTILATION BIN	20 A	1		1127 VA 1260...		1	20 A	RECEPTS RM. B102	24
25	TWO DOOR REACH-IN HEATED CABINET...	20 A	2	1498... 900 VA			1	20 A	RECEPTS RM. B101	26
27	--	--	--	1498 VA 180 VA			1	20 A	WATERCOOLER RM. B101 (NOTE1)	28
29	BOTTOM MOUNT SINGLE PAN HOTWELL RM.B102	20 A	2		620 VA 1279...		2	20 A	COUNTERTOP HEATED MERCHANDISER RM. B102	30
31	--	--	--	620 VA 1279 VA			--	--	--	32
33	BOTTOM MOUNT SINGLE PAN HOTWELL RM...	20 A	2		620 VA 1279 VA		2	20 A	COUNTERTOP HEATED MERCHANDISER RM. B102	34
35	--	--	--	620 VA 1279...			--	--	--	36
37	TWO DOOR PASS-THRU REFRIG. RM. B102	20 A	1	1548... 1269 VA			2	20 A	DROP IN FOUR PAN HOT/COLD WELL RM. B102	38
39	TWO DOOR PASS-THRU HEATED CABINET RM. B102	20 A	2		1498 VA 1269 VA		1	20 A	CHICKEN+GRILL BREATHGUARD RM. B102	40
41	--	--	--	1498 VA 1269 VA			1	20 A	POINT OF SALE SYSTEM RM. B102	42
43	COILING GRILLE RM. B102	20 A	1	1840... 1920 VA			1	20 A	POINT OF SALE SYSTEM RM. B102	44
45	POINT OF SALE SYSTEM RM. B102	20 A	1		1920 VA 360 VA		1	20 A	REFRIGERATED GLASS DOOR MERCHANDISER RM. B102	46
47	OPEN AIR REFRIGERATOR MERCHANDISER RM. B102	20 A	2		1664 VA 120 VA		2	20 A	FRESH FOOD BREATHGUARD RM. B102	48
49	--	--	--	1664... 770 VA			2	20 A	DROP-IN FOUR PAN COLD WELL RM. B102	50
51	DROP-IN FOUR PAN COLD WELL RM.B102	20 A	1		624 VA 770 VA		1	20 A	DROP-IN TWO PAN HOT/COLD WELL RM. B102	52
53	DROP-IN FOUR PAN HOT/COLD WELL RM. B102	20 A	2			770 VA 1269...	2	20 A	DROP-IN TWO PAN HOT/COLD WELL RM. B102	54
55	--	--	--	770 VA 1269 VA			--	--	--	56
57	INTERNATIONAL BREATHGUARD RM. B102	20 A	1		120 VA 0 VA		1	20 A	Spare	58
59	Spare	20 A	1			0 VA 0 VA	1	20 A	Spare	60
Total Load:				29754 VA	24089 VA	26418 VA				
Total Amps:				251 A	201 A	223 A				

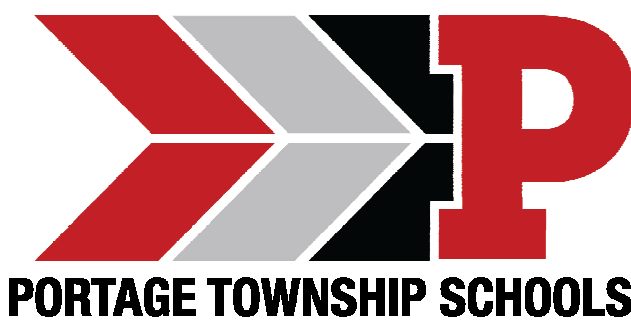


SHEET KEYNOTES	
D8	EXISTING TECHNOLOGY RACK AND ASSOCIATED EQUIPMENT TO REMAIN. PROTECT DURING CONSTRUCTION
D9	ALL EXISTING TECHNOLOGY DEVICES NOT IDENTIFIED FOR DEMOLITION SHALL REMAIN, INCLUDING BUT NOT LIMITED TO WIRELESS ACCESS POINTS, AV SPEAKERS, PROJECTORS AND DATA JACKS. PROTECT EXISTING DEVICES TO REMAIN DURING CONSTRUCTION.
D10	REMOVE ALL CLOCKS
D11	REMOVE ALL IC SPEAKERS
D20	EXISTING SECURITY CAMERAS TO REMAIN. DISCONNECT EXISTING CAMERA CABLING FROM MDF BEING REMOVED AND REROUTE/EXTEND TO NEW IDF B112 OR NEAREST IDF. PROVIDE NEW CATEGORY 5A CABLING, TERMINATIONS, AND ASSOCIATED COMPONENTS AS REQUIRED. MAINTAIN EXISTING CAMERA LOCATIONS AND OPERATION

PORTAGE TS/HS CAFETERIA RENOVATION

1234 Street Address
City, State 00000

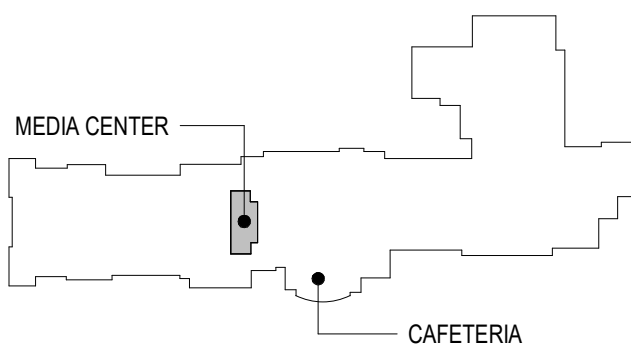
PORTAGE TOWNSHIP SCHOOLS



ARCHITECT

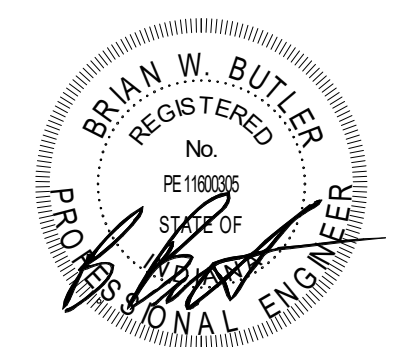


317.848.0966 WWW.FHAI.COM
350 E. New York St.



KEY PLAN

CONSTRUCTION DOCUMENTS



DRAWN BY: JJR
PROJECT NUMBER: 2202023.00
PROJECT ISSUE DATE: 8/14/2025

REV. NO.	DESCRIPTION	DATE
1	Addendum #2	09/10/2025

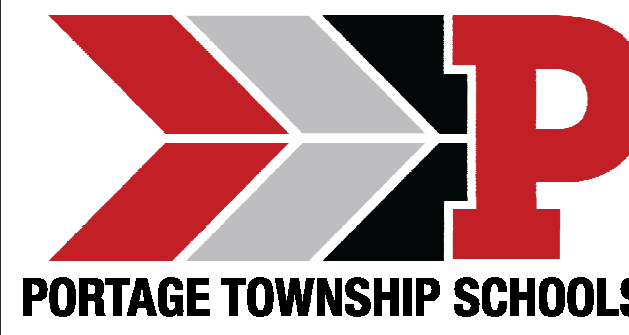
FIRST FLOOR DEMOLITION PLAN - UNIT A

TD101

PORTAGE TS/HS
CAFETERIA
RENOVATION

1234 Street Address
City, State 00000

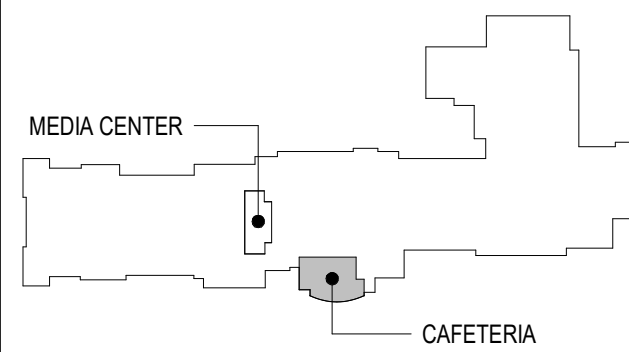
PORTAGE TOWNSHIP
SCHOOLS



ARCHITECT

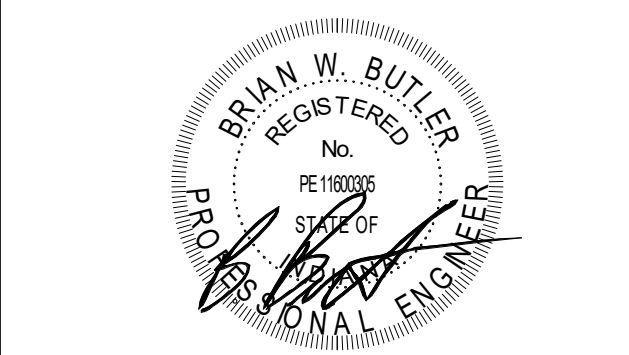


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KEY PLAN

CONSTRUCTION DOCUMENTS



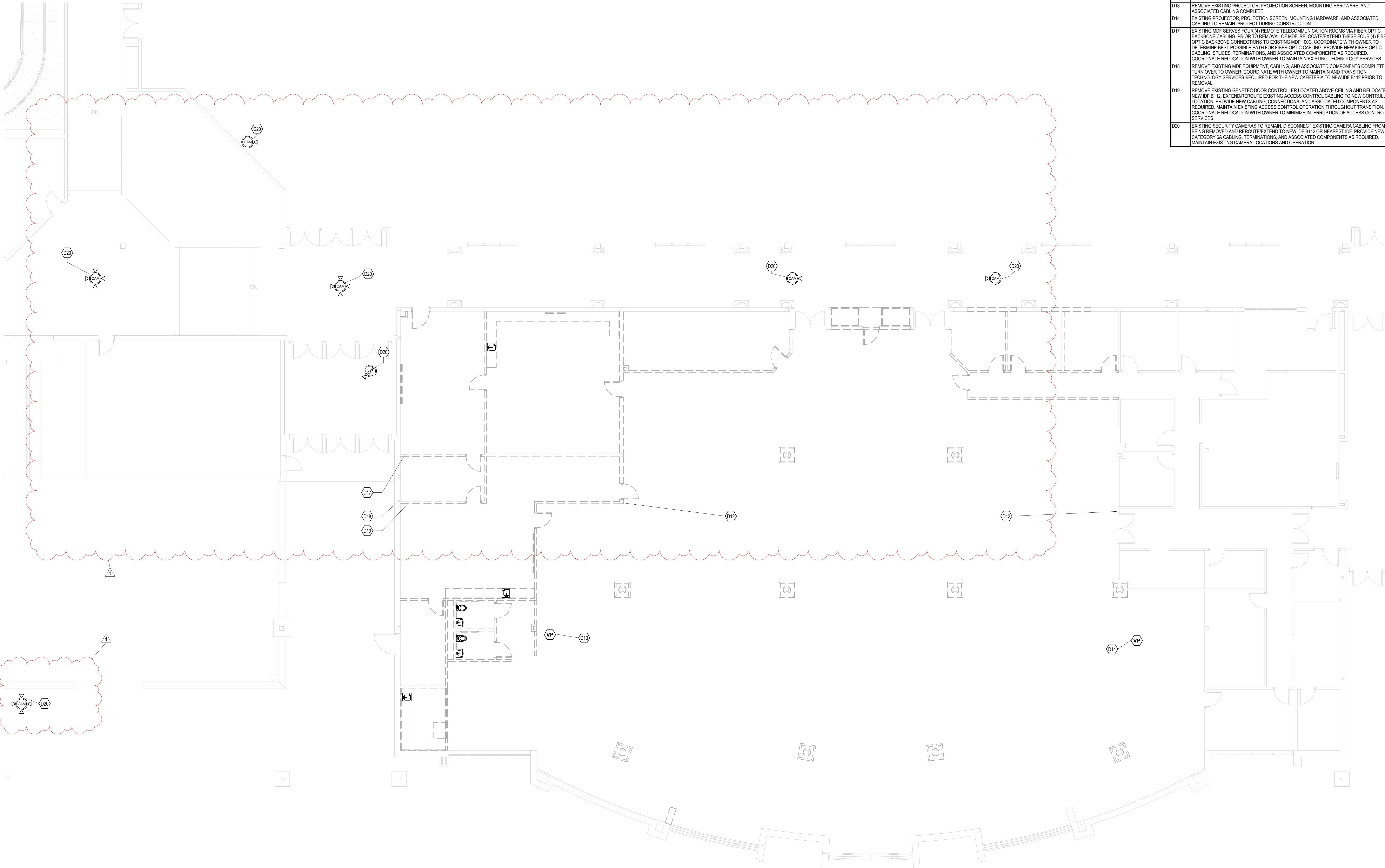
DRAWN BY: JJR
PROJECT NUMBER: 220023.00
PROJECT ISSUE DATE: 8/14/2026

REV. NO.	DESCRIPTION	DATE
1	Addendum #2	09/10/2026

FIRST FLOOR DEMOLITION PLAN -
UNIT B

TD102

SHEET KEYNOTES	
D12	REMOVE ALL EXISTING INTERCOMPARING SPEAKERS, CLOCKS, P.A. SYSTEM SPEAKERS AND CAMERAS. ALL EXISTING DATA CABLING, DATA JACKS, WIRELESS ACCESS POINTS, MONITORS AND MOUNTS AND ASSOCIATED CABLING SHALL REMAIN AND BE PROTECTED DURING CONSTRUCTION.
D13	REMOVE EXISTING PROJECTOR, PROJECTION SCREEN, MOUNTING HARDWARE, AND ASSOCIATED CABLING COMPLETE.
D14	EXISTING PROJECTOR, PROJECTION SCREEN, MOUNTING HARDWARE, AND ASSOCIATED CABLING TO REMAIN. PROTECT DURING CONSTRUCTION.
D17	EXISTING MDF SERVES FOUR (4) REMOTE TELECOMMUNICATION ROOMS VIA FIBER OPTIC BACKBONE CABLING. PRIOR TO REMOVAL OF MDF, RELOCATE/EXTEND THESE FOUR (4) FIBER OPTIC BACKBONE CONNECTIONS TO EXISTING MDF 100C. COORDINATE WITH OWNER TO DETERMINE BEST POSSIBLE PATH FOR FIBER OPTIC CABLING. PROVIDE NEW FIBER OPTIC CABLING, SPLICES, TERMINATIONS, AND ASSOCIATED COMPONENTS AS REQUIRED. COORDINATE RELOCATION WITH OWNER TO MAINTAIN EXISTING TECHNOLOGY SERVICES.
D18	REMOVE EXISTING MDF EQUIPMENT CABLING, AND ASSOCIATED COMPONENTS COMPLETE AND TURN OVER TO OWNER. COORDINATE WITH OWNER TO MAINTAIN AND TRANSITION TECHNOLOGY SERVICES REQUIRED FOR THE NEW CAFETERIA TO NEW IDF B112 PRIOR TO REMOVAL.
D19	REMOVE EXISTING GENETEC DOOR CONTROLLER LOCATED ABOVE CEILING AND RELOCATE TO NEW IDF B112. EXTEND/REROUTE EXISTING ACCESS CONTROL CABLING TO NEW CONTROLLER LOCATION. PROVIDE NEW CABLING, CONNECTIONS, AND ASSOCIATED COMPONENTS AS REQUIRED. MAINTAIN EXISTING ACCESS CONTROL OPERATION THROUGHOUT TRANSITION. COORDINATE RELOCATION WITH OWNER TO MINIMIZE INTERRUPTION OF ACCESS CONTROL SERVICES.
D20	EXISTING SECURITY CAMERAS TO REMAIN. DISCONNECT EXISTING CAMERA CABLING FROM MDF BEING REMOVED AND REROUTE/EXTEND TO NEW IDF B112 OR NEAREST IDF. PROVIDE NEW CATEGORY 6A CABLING, TERMINATIONS, AND ASSOCIATED COMPONENTS AS REQUIRED. MAINTAIN EXISTING CAMERA LOCATIONS AND OPERATION.



1 FIRST FLOOR TECHNOLOGY DEMOLITION PLAN - MEDIA CENTER
SCALE: 1/8" = 1'-0"



T-11C

SHOULD DIFFERENT CONDITIONS BE ENCOUNTERED, CONTACT THE ARCHITECT BEFORE PROCEEDING WITH WORK.