

**ADDENDUM
NO. 3**

October 15, 2024

**Loy Norrix High School Mechanical Improvements
606 East Kilgore Rd
Kalamazoo, MI 49001**

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 September 16, 2024, by TowerPinkster. Acknowledge receipt of the Addendum in the space provided on the Bid Form. Failure to do so may subject the Bidder to disqualification.

This Addendum consists of Pages ADD 3-1 and TowerPinkster Addendum No. 01 dated October 4, 2024, consisting of 8 pages.

A. SPECIFICATION SECTION 00 00 10 TITLE PAGE

1. Revise Bids Received to Tuesday, November 12, 2024, at 2:00 PM.

B. SPECIFICATION SECTION 00 20 00 NOTICE TO BIDDERS

1. Revise Bids Received to Tuesday, November 12, at 2:00 PM.
2. Bid Opening. Bids will be publicly opened and read aloud on Tuesday, November 12, 2024, shortly after the 2:00 PM Bid receipt deadline, in Kalamazoo Public Schools Facilities Office, 600 West Vine Street, Kalamazoo, MI 49008.
3. Contractor Facility Tours are scheduled for 2:45 PM on Tuesday, October 22, 2024. Contractors are strongly encouraged to attend. Please arrive early and meet at the main stair-tower entrance. Anyone arriving after 2:45 PM will not have access to join the tour. Please RSVP to Brandon Holdeman (269) 568-2333 or bjholdeman@skillman.com
4. The deadline for RFI's is extended to Thursday, October 31, 2024.

C. **SPECIFICATION SECTION 01 12 00 MULTIPLE CONTRACT SUMMARY**

Paragraph 3.03 BID CATEGORIES

A. **BID CATEGORY NO. 1- General Trades**

Add the following Clarifications

1. **Bid Category 2 Masonry** and **Bid Category 4 Flooring** are to be included in, and the responsibility of **Bid Category 1 General Trades** bid package.

B. **BID CATEGORY NO. 2-Masonry**

Add the following Clarifications

1. **Bid Category 2 Masonry** is omitted as a stand-alone Bid Category.

D. **BID CATEGORY NO. 4-Flooring**

Add the following Clarifications

1. **Bid Category 4 Flooring** is omitted as a stand-alone Bid Category.

E. **BID CATEGORY NO. 5-Mechanical & Plumbing**

Add the following Clarifications

1. **Bid Category 5 Mechanical & Plumbing** is responsible to provide and install the break metal closure pieces shown on A10M note 24.

SECTION 00 43 50 - SUBCONTRACTORS AND PRODUCTS LIST

PART 1 - GENERAL

1.01 DESCRIPTION

- A. The two (2) low responsive Bidders in each Bid Category shall furnish electronically, the following Subcontractors and Products List to the Construction Manager within **two (2) working days (48 hrs.)** of bid opening, **unless submitted with Bid.** The blanks appropriate to the Bid Category(ies) on which they bid shall be completed.
1. The Owner and Architect shall have the right to select any material or equipment named in the Specifications for any particular item where the Bidder either fails to list same or lists more than one name for the item in question.
 2. It is intended that this list will show the manufacturer and supplier of major items of work that will be subcontracted and to whom.

1.02 INSTRUCTIONS FOR SUBCONTRACTORS AND PRODUCTS LISTS

- A. Each Bidder shall submit a copy of his list of subcontractors and manufacturers of products and equipment proposed for work indicated as required above.
- B. The list shall be submitted on forms provided and shall be completely executed. **"As Specified" or "With Equipment" type of terminology will not be accepted.**
- C. Under "Subcontractor", insert the name of the firm which the Bidder proposes to have perform the respective work. If work will be done by the Prime Bidder and no subcontract will be awarded, state "By Own Forces".
- D. Submission does not constitute acceptance for use of listed manufacturers' products. Materials and subcontractors are subject to the provisions of the General Conditions and "Standard of Product Acceptability" and must be formally reviewed and adjudged acceptable by the Architect/Engineer.
- E. Engineer, Architect and Owner reserve the right to reject submissions of materials, work, or subcontractors that do not, in their opinion, meet the requirements of Drawings, Specifications or job conditions.
- F. Materials and subcontractors used for work on the Project shall be in accordance with accepted material list.
1. The list is intended to assure use of materials and vendors acceptably equivalent to those specified and is not a substitution sheet or complete listing of required materials or services.

2. Substitutions for listed items will not be allowed, except when termed acceptable, in writing by the Architect/Engineer, provided that substitution will result in a cost savings to the Owner , determined by the Owner to be a better product,or is made necessary due to unavailability of listed item. Unavailability shall be confirmed in writing by manufacturer named on accepted list.

1.03 CIVIL AND ARCHITECTURAL WORK SUBCONTRACTORS AND PRODUCTS LIST

BID CATEGORY NO. 01 GENERAL TRADES

NAME OF BIDDER _____

The undersigned hereby submits the following Subcontractors and Products List which becomes a part of the undersigned Contract proposal. Subcontractor purchased material, equipment, and labor shall be under the direct management and control of the Prime Contractor. If a dual listing of manufacturers and subcontractors is herein made, it is understood the Architect/Engineer (not the Contractor) will select the manufacturer or subcontractor of his choice. State the XBE Designation.

CIVIL AND ARCHITECTURAL WORK

<u>Section</u>	<u>Description</u>	<u>\$\$\$</u>	<u>Subcontractor</u>	<u>Manufacturer</u>
01 21 00	Allowances			
01 51 80	Temporary Fire Protection			
01 52 10	Construction Aids and Temporary Enclosures			
01 52 60	Rubbish Container			
01 53 10	Fences (Temporary Security)			
01 53 20	Tree and Plant Protection			
01 53 30	Barricades			
01 55 00	Access Roads and Parking Areas			
01 56 20	Dust Control			
01 56 80	Erosion Control			
01 72 00	Field Engineering			

<u>Section</u>	<u>Description</u>	<u>\$\$\$</u>	<u>Subcontractor</u>	<u>Manufacturer</u>
02 41 19	Selective Demolition			
03 30 00	Cast-In-Place Concrete			
04 20 00	Unit Masonry			
04 43 13	Adhered Stone Masonry Veneer			
05 50 00	Metal Fabrications			
06 10 00	Rough Carpentry			
06 16 00	Sheathing			
06 41 16	Plastic-Laminate-Face Architectural Cabinets			
06 46 00	Wood Trim			
07 51 13	Built-up Asphalt Roofing			
07 62 00	Sheet Metal Flashing and Trim			
07 72 00	Roof Accessories			
07 84 13	Penetration Firestopping			
07 92 00	Joint Sealants			
08 11 13	Hollow Metal Doors and Frames			
08 14 16	Flush Wood Doors			
08 41 13	Aluminum-Framed Entrances and Storefronts			
08 71 00	Door Hardware			
08 80 00	Glazing			
08 91 19	Fixed Louvers			
09 30 00	Tiling			
09 65 00	Resilient Flooring			
09 65 13	Resilient Base and Accessories			

<u>Section</u>	<u>Description</u>	<u>\$\$\$</u>	<u>Subcontractor</u>	<u>Manufacturer</u>
09 66 23	Resinous Matrix Terrazzo Flooring			
09 67 23	Resinous Flooring			
10 51 13	Metal Lockers			
12 35 53	Laboratory Casework			
12 36 23	Plastic-Laminate-Clad Countertops			
12 36 53	Laboratory Countertops			
32 92 00	Turf and Grasses			

Name of Bidder:	Date:
Address:	
City/State/Zip:	
Telephone:	
By:	

BID CATEGORY NO. 03 INTERIOR FINISHES

NAME OF BIDDER _____

The undersigned hereby submits the following Subcontractors and Products List which becomes a part of the undersigned Contract proposal. Subcontractor purchased material, equipment, and labor shall be under the direct management and control of the Prime Contractor. If a dual listing of manufacturers and subcontractors is herein made, it is understood the Architect/Engineer (not the Contractor) will select the manufacturer or subcontractor of his choice. State the XBE Designation.

CIVIL AND ARCHITECTURAL WORK

<u>Section</u>	<u>Description</u>	<u>\$\$\$</u>	<u>Subcontractor</u>	<u>Manufacturer</u>
01 21 00	Allowances			
05 40 00	Cold-Formed Metal Framing			
07 92 00	Joint Sealants			
08 31 13	Access Doors and Frames			
09 22 16	Non-Structural Metal Framing			
09 26 13	Gypsum Veneer Plastering			
09 29 00	Gypsum Board			
09 51 13	Acoustical Panel Ceilings			
09 91 23	Interior Painting			
09 96 00	High-Performance Coatings			

Name of Bidder:	Date:
Address:	
City/State/Zip:	
Telephone:	
By:	

1.04 MECHANICAL WORK SUBCONTRACTORS AND PRODUCTS LIST

BID CATEGORY NO. 05 MECHANICAL/PLUMBING

NAME OF BIDDER _____

The undersigned hereby submits the following Subcontractors and Products List which becomes a part of the undersigned Contract proposal. Subcontractor purchased material, equipment, and labor shall be under the direct management and control of the Prime Contractor. If dual listing of manufacturers or subcontractors is herein made, it is understood the Architect/Engineer (not the Contractor) will select the manufacturer or subcontractor of his choice.

MECHANICAL WORK

<u>Section</u>	<u>Description</u>	<u>\$\$\$</u>	<u>Subcontractor</u>	<u>Manufacturer</u>
01 21 00	Allowances			
01 51 30	Temporary Heating, Ventilation and Cooling			
01 51 50	Temporary Water			
02 41 19	Selective Demolition			
07 84 13	Penetration Firestopping			
07 92 00	Joint Sealants			
22 05 00	Common Work Results for Plumbing			
22 05 23	General Duty Valves for Plumbing Piping (2 & less)			
22 05 29	Hangers and Supports for Plumbing Piping and Equipment			
22 07 00	Plumbing Insulation			
22 11 16	Domestic Water Piping			
22 13 16	Sanitary Waste and Vent Piping			

<u>Section</u>	<u>Description</u>	<u>\$\$\$</u>	<u>Subcontractor</u>	<u>Manufacturer</u>
22 13 19	Sanitary Waste Piping Specialties			
23 05 00	Common Work Results for HVAC			
23 05 13	Common Motor Requirements for HVAC Equipment			
23 05 16	Expansion Fittings and Loops for HVAC Piping			
23 05 19	Meters and Gages for HVAC Piping			
23 05 23	General Duty Valves for HVAC Piping			
23 05 29	Hangers and Supports for HVAC Piping and Equipment			
23 05 48	Vibration and Seismic Controls for HVAC Piping			
23 05 53	Identification for HVAC Piping and Equipment			
23 05 93	Testing, Adjusting, and Balancing for HVAC			
23 07 00	HVAC Insulation			
23 08 00	Commissioning of HVAC			
23 09 00	Instrumentation and Control for HVAC			
23 21 13	Hydronic Piping			
23 21 23	Hydronic Pumps			
23 22 13	Steam and Condensate Heating Piping			

<u>Section</u>	<u>Description</u>	<u>\$\$\$</u>	<u>Subcontractor</u>	<u>Manufacturer</u>
23 22 16	Steam and Condensate Piping Specialties			
23 22 23	Steam Condensate Pumps			
23 23 00	Refrigerant Piping			
23 25 00	HVAC Water Treatment			
23 31 13	Metal Ducts			
23 31 15	HVAC Air-Distribution System Cleaning			
23 33 00	Air Duct Accessories			
23 36 00	Air Terminal Units			
23 37 13	Diffusers, Registers, and Grilles			
23 37 23	HVAC Gravity Ventilators			
23 40 00	Antimicrobial Systems for HVAC			
23 57 00	Heat Exchangers for HVAC			
23 62 00	Packaged Compressor and Condenser Units			
23 73 13	Modular Indoor Central-Station Air-Handling Units			
23 74 13	Packaged, Outdoor, Central-Station Air-Handling			
23 81 26	Split System Air Conditioners			
23 82 16	Air Coils			
23 83 23	Unit Ventilators			

<u>Section</u>	<u>Description</u>	<u>\$\$\$</u>	<u>Subcontractor</u>	<u>Manufacturer</u>
23 82 25	Vertical Unit Ventilators (Both Split and Self Contained)			
23 82 33	Convectors			
23 82 39	Unit Heaters			

Plumbing Fixtures:

Manufacturer:

- a) _____
- b) _____
- c) _____
- d) _____
- e) _____
- f) _____
- g) _____
- h) _____
- i) _____
- j) _____
- k) _____
- l) _____

Name of Bidder:	Date:
Address:	
City/State/Zip:	
Telephone:	
By:	

1.05 ELECTRICAL WORK SUBCONTRACTORS AND PRODUCTS LIST

BID CATEGORY NO. 06 ELECTRICAL

NAME OF BIDDER _____

The undersigned hereby submits the following Subcontractors and Products List which becomes a part of the undersigned Contract proposal. Subcontractor purchased material, equipment, and labor shall be under the direct management and control of the Prime Contractor. If dual listing of manufacturers or subcontractors is herein made, it is understood the Architect/Engineer (not the Contractor) will select the manufacturer or subcontractor of his choice.

ELECTRICAL WORK

<u>Section</u>	<u>Description</u>	<u>\$\$\$</u>	<u>Subcontractor</u>	<u>Manufacturer</u>
01 21 00	Allowances			
01 51 10	Temporary Electricity, Lighting, and Warning Systems			
02 41 19	Selective Demolition			
07 84 13	Penetration Firestopping			
07 92 00	Joint Sealants			
26 05 00	Common Work Results for Electrical			
26 05 13	Medium-Voltage Cables			
26 05 19	Low-Voltage Electrical Power Conductors and Cables			
26 05 26	Grounding and Bonding for Electrical Systems			
26 05 29	Hangers and Supports for Electrical Systems			

26 05 33	Raceways and Boxes for Electrical Systems			
26 05 44	Sleeves and Sleeve Seals for Electrical Raceways and Cabling			
26 05 53	Identification for Electrical Systems			
26 05 73	Coordination Studies			
26 05 73	Short-Circuit Studies			
26 05 74	Overcurrent Protective Device Arc-Flash Study			
26 09 23	Lighting Control Devices			
26 09 43	Network Lighting Controls			
26 12 00	Medium-Voltage Transformers			
26 22 00	Low Voltage Transformers			
26 24 16	Panelboards			
26 27 26	Wiring Devices			
26 28 13	Fuses			
26 43 13	Surge Protection for Low-Voltage Electrical Power Circuits			
26 51 00	Interior Lighting			
26 56 00	Exterior Lighting			
27 05 00	Common Work Results for Communications			
27 05 26	Grounding and Bonding For Communications			

27 05 28	Pathways for Communications Systems			
27 05 53	Identification for Communications Systems			
27 15 13	Communications Copper Horizontal Cabling			
27 17 00	Testing, Identification and Administration of Balanced Twisted Pair Infrastructure			
27 26 26	IP Address Request Form			
27 41 16	Technology Equipment			
28 13 00	Access Control			
28 15 00	Access Control Hardware Devices			
28 31 00	Fire Detection and Alarm			

Name of Bidder:	Date:
Address:	
City/State/Zip:	
Telephone:	
By:	

END OF SECTION 00 43 50

SECTION 01 12 00 - MULTIPLE CONTRACT SUMMARY

PART 1 GENERAL

1.01 RELATED DOCUMENTS

- A. Drawings and General Provisions of the Prime Contract, including amended General Conditions and other Division 1 Specification Sections, apply to Work of this Section.

1.02 SUMMARY

- A. The intent of this Section is to indicate the Work required by the Contractors and to provide information regarding the duties, responsibilities, and cooperation required by the Contractors, with similar requirements for the subcontractors and suppliers.
- B. Owners right to maintain current operations
- C. Occupancy requirements
- D. Work by Owner
- E. Permits, fees, and notices
- F. Labor and materials
- G. Verifications of existing dimensions
- H. Project security
- I. Coordination of work
- J. Time of commencement and completion
- K. Schedule of contract responsibilities

1.03 WORK UNDER SEPARATE CONTRACTS

- A. Prime Contracts are defined to include the following contracts described in the Schedule of Contract Responsibilities included hereinafter; and each is recognized to be a major part of the project, with Work to be performed concurrently and in close coordination with Work of other Prime Contracts.
- B. The "Contract Documents," as defined in the General Conditions, include "the Drawings." Although Drawings are grouped and identified by classification of the Work, Contractors shall be responsible for their Work as specified herein and as

indicated on the Drawings. Although the majority of the Drawings are "to scale," Contractors are directed to use indicated dimensions for determining material quantities and for other reasons. No additional monies will be allowed due to Contractors using "scaling instruments" to determine material quantities or for other reasons.

- C. Separate prime contracts will be awarded as per the "**Schedule of Contract Responsibilities**" (see Part 3 – Execution). Contractors shall include Work required by the Specifications and Drawings for each contract area defined in the Schedule.
- D. Work for the complete construction of the Project will be under multiple prime contracts with the Owner. The Construction Manager will manage the construction of the Project.
- E. Each Contractor shall be responsible for demolition and disposal of existing items relative to his Contract.

1.04 ADMINISTRATIVE RESPONSIBILITIES OF PRIME CONTRACTORS AND CM

- A. The Construction Manager shall be responsible for the maintenance of the Construction Schedule and management of every phase of the Work.
 - 1. Each Contractor shall read the Specifications and Drawings for other separate Contracts for fixed equipment and the like to be incorporated or attached or built in to the Work; and familiarize himself with the requirements and responsibilities of other Contracts to enable the required coordination and supervision.
 - 2. Each Contractor shall also familiarize himself with other items to be incorporated into the Work including equipment and Work by the Owner.
 - 3. Each Contractor shall cooperate with the Construction Manager in notifying him when the Work is at a stage to require the services of other Contractors and shall notify the Construction Manager in the event that such other Contractors do not carry out their responsibilities in connection with such notification.
- B. Contractors shall cooperate with and assist the Construction Manager in the preparation of construction progress and procedures, schedule of product deliveries, and their effect on the overall project progress and completion. Other Contractors shall cooperate in getting their Work and the Work of their subcontractors completed according to the schedule as prepared and maintained by the Construction Manager. Each Contractor shall immediately notify the Construction Manager of a delay in delivery of products or the scheduled date of completion that may affect the total progress of construction.
- C. The Owner will furnish the topographical survey, either as a part of these Drawings or separately, giving the general topographical lines existing at the site and the property lines.

- D. Contractors required to make connections to existing utilities, especially sewerage where gravity flow occurs, shall verify grades and locations at points of such connections and shall notify the Construction Manager of circumstances which would adversely affect the proper flow or connection to such facilities.

1.05 PRIME CONTRACTORS USE OF PREMISES

- A. Use of the Site: Limit use of the premises to work in areas indicated. Confine operations to areas within contract limits indicated. Do not disturb portions of the site beyond the areas in which the Work is indicated.
 - 1. Owner Occupancy: Allow for Owner occupancy and use by the public.
 - 2. Driveways and Entrances: Keep driveways and entrances serving the premises clear and available to the Owner, the Owner's employees, and emergency vehicles at all times. Do not use these areas for parking or storage of materials. Schedule deliveries to minimize space and time requirements for storage of materials and equipment on site.
- B. Use of the Existing Building: Maintain the existing building in a weathertight condition throughout the construction period. Repair damage caused by construction operations. Take all precautions necessary to protect the building and its occupants during the construction period.

1.06 OWNERS RIGHT TO MAINTAIN OPERATIONS

- A. During the course of this Project, normal and customary functions and operations must be maintained. The Contract Documents are intended to define a strict separation between the school activities of students and staff from the activities of the construction project.
- B. The Construction Manager, Architect, and Owner will not tolerate any visible or audible actions initiated or responded to by any employees of Contractors on this Project toward any students, teachers, or staff members at the school system. Violators shall be promptly removed from the site.
- C. The Owner intends to instruct students, teachers, and staff to refrain from communications with Contractor's personnel working on this Project. All communication with Owner and staff shall be through the Construction Manager.

- D. Contractors must expend their best effort toward protection of the health, safety, and welfare of occupants on the Owner's property during the course of Work on this Project.
- E. Contractors and Subcontractors shall be subject to such rules and regulations for the conduct of the Work as the Owner may establish. Employees shall be properly and completely clothed while working. Bare torsos, legs and feet will not be allowed. Possession or consumption of alcoholic beverages or drugs, tobacco or other noxious behavior on the site is strictly prohibited. Violators shall be promptly removed from the site. Smoking is not permitted on school property or within school buildings.

1.07 OCCUPANCY REQUIREMENTS

- A. Full Owner Occupancy: The Owner will occupy the site and existing building during the entire construction period. Cooperate with the Owner during construction operations to minimize conflicts and facilitate Owner usage. Perform the Work so as not to interfere with the Owner's operations.
- B. Partial Owner Occupancy: The Owner reserves the right to occupy and to place and install equipment in completed areas of the building prior to Substantial Completion, provided such occupancy does not interfere with completion of the Work. Such placing of equipment and partial occupancy shall not constitute acceptance of the total Work.
 - 1. The Construction Manager will prepare a Certificate of Substantial Completion for each specific portion of the Work to be occupied prior to Owner occupancy.
 - 2. Party which obtained general building permit shall obtain a Certificate of Occupancy from local building officials prior to Owner occupancy.
 - 3. Prior to partial Owner occupancy, mechanical and electrical systems shall be fully operational. Required inspections and tests shall have been successfully completed. Upon occupancy, the Owner will operate and maintain mechanical and electrical systems serving occupied portions of the building.
 - 4. Upon occupancy, the Owner will assume responsibility for maintenance and custodial service for occupied portions of the building.

1.08 WORK BY OWNER

- A. The Owner intends to complete the following items of Work outside the provisions of these Contract Documents. Contractors shall not restrict or interfere with the Owner's right to the Project to accomplish this Work.
 - 1. Equipment and furniture except as scheduled and specified under Divisions 11 and 12 and shown on the Drawings.
 - 2. Items which may be deleted from Contracts for Work as required by the Contract Documents.
 - 3. Existing school maintenance work.

4. The purchase and supplying of certain materials as noted in the Project Manual.
5. The Owner, under separate contract, shall provide removal of identified asbestos containing materials from the existing structure. The asbestos report is available through the Construction Manager upon request.
6. (List other items as may be applicable).

1.09 PERMITS, FEES, AND NOTICES

- A. The Construction Manager will secure the general building permit for the Owner. Each Contractor shall secure and pay for other permits, governmental fees, and licenses necessary for the proper execution and completion of the Contractors Work. Fees to relocate utilities on Owner's property shall be included in the bid of the Contractor doing the relocation.
 1. The Owner shall pay for the cost of the Building Permit.
 2. State filing fees for plan approval are the responsibility of the Owner and will be paid by the Owner.
- B. Utility Tie-Ins: Shall be arranged with local utility company and other involved parties for minimum interruption of service.
- C. Shutdowns of existing systems shall be limited to minimum time required and scheduled with other involved parties. Provide 2 days written notice of shutdown to Construction Manager and Owner.
- D. Inspections of installed work shall be performed by the governing authority as arranged for by the Contractor. Work shall not be covered until approved.
- E. Each Contractor shall give notices and comply with laws, ordinances, rules, regulations, and orders of public authorities bearing on the performance of his Work. If a Contractor observes that the Contract Documents are at variance therewith, he shall promptly notify the Construction Manager in writing, and necessary changes shall be adjusted by appropriate notification. If a Contractor performs Work knowing it to be contrary to such laws, ordinances, rules, and regulations, and without such notice to the Construction Manager, he shall assume full responsibility therefore and shall bear the costs attributable thereto.

1.10 LABOR AND MATERIALS

- A. Unless otherwise specifically noted, the Contractor shall provide and pay for labor, materials, equipment, tools, construction equipment and machinery, water, heat, utilities, transportation, and other facilities and services necessary for the proper execution and completion of his Work, whether temporary or permanent and whether or not incorporated or to be incorporated in the Work.

- B. Each Contractor shall enforce strict discipline and good order among his employees or other persons carrying out Work of his Contract and shall not permit employment of unfit person or persons or anyone not skilled in the task assigned to them.
- C. Prime Contractors must furnish a letter to the Construction Manager, stating that Contractor shall not assign any of its employees, agents or other individuals to perform any services in the District's facilities or program sites if that individual:
 - 1. Is listed on the Michigan Sex Offender Registry, www.mipsor.state.mi.us.
 - 2. Is listed on the Federal Sex Offender Registry www.nsopw.gov.
 - 3. Has not passed a 5-50 drug screen, testing negative for the following drugs:
 - a. Amphetamines
 - b. Methamphetamines
 - c. Cocaine
 - d. Codeine
 - e. Methadone
 - f. Morphine
 - g. Phencyclidine (PCP)
 - h. Marijuana
- D. ID Stickers will be issued by The Skillman Corporation upon receipt of verification from the Contractor that the employee/subcontractor employee or independent contractor has a satisfactory record to work on the Project. Stickers will be numbered and numbers assigned to each worker to be worn on their hardhat. It is the Contractor's responsibility to maintain a record of contractor's name assigned each number and provide to The Construction Manager upon request.
- E. Consistent with Michigan law, possession or consumption of drugs on school property will promptly be reported to the local police. Consumption of alcoholic beverages or tobacco or other noxious behavior on school owned property is strictly prohibited. Violators shall be promptly removed from the site. Smoking is not permitted on school property or within school buildings.

1.11 CUTTING AND PATCHING

- A. Refer to Section 01 73 10 – Cutting and Patching, for provisions on this subject.

1.12 VERIFICATIONS OF EXISTING DIMENSIONS

- A. When verification of existing dimensions is required, the Contractor requiring said verification for the construction or fabrication of his material shall be the Contractor responsible for the procurement of the field information.

1.13 PROJECT SECURITY

- A. Each Prime Contractor shall take all reasonable precautions to prevent injury, damage or loss to people and property in, on and adjacent to the project. This shall

include not only their own work or property but that of other contractors and the Owner.

- B. If deemed necessary by The Construction Manager a project wide security program may be developed for the purpose of preventing damage or loss at the project site or property adjacent thereto. Once accepted by the Owner, contractors shall comply.

1.14 SCHEDULE OF CONTRACT RESPONSIBILITIES - SCOPE

- A. Contractors shall submit their proposals based on the work included under each contract area as listed herein. Include Work necessary for a complete project, as shown on the Drawings and called for in the Specifications.
- B. Questions concerning the phasing or "Schedule of Contract Responsibilities" should be directed to the Construction Manager, who will be the interpreter and be responsible for this Schedule of Contract Responsibilities and Contract Breakdown, prior to submitting proposals and during construction.
- C. The requirements of Division 1 are a part of the Work of each and every contract area. The Contractor for any one contract area shall be familiar with the Work and requirements of all other contract areas.
- D. Certain Specification Sections describe Work to be performed under several contract areas. (Example: 06 10 00 - Rough Carpentry.) Provide Work of this nature as required for each contract area whether or not enumerated in the Schedule of Contract Responsibilities.
- E. The following contract areas are broken down by Specifications Section conforming basically to the CSI format.
- F. The Drawings and Specifications as furnished for each of the Contracts is for the convenience of the Contractor in preparing a proposal for this Project. However, each Contractor is responsible to review the complete set of Drawings and Specifications to assure that Work required to be installed to complete his phase of the Work is included in his proposal. This "Schedule of Contract Responsibilities" is a definition of the work as it is to be bid in separate contracts. Where a specific item of Work is not defined, but is normally inherent to a trade, or is included in the scope of the applicable technical revision, it will be the responsibility of that Contractor to include the Work in his proposal.
- G. This "Schedule of Contract Responsibilities" is to aid each Contractor in defining the Scope of Work to be included in his proposal. However, omissions from this "Schedule of Responsibilities" do not relieve the Contractor from including in his proposal that Work which will be required to complete his Contract. Each Contractor should read the "Schedule of Contract Responsibilities" completely to familiarize himself with the Work of other Contractors that may have Work in

adjacent areas and to coordinate the interfacing problems that may occur as the work is assembled and constructed.

- H. Where specific Work is to be completed under a particular phase of the Project and the Work is wholly or partially completed by other trades because of the type of work involved or jurisdictional trade agreements, the Contractor will be responsible to subcontract the Work as necessary to complete the Work included in his Contract. No delay in the Work will be allowed due to the failure of the Contractor to subcontract related work required by jurisdictional trade agreements.

1.15 COORDINATION OF WORK

- A. Each Contractor is responsible to coordinate his Work with the Work of other trades and other Contractors and requirements of the school system. The Contractor must make space allowances for Work of other Contractors, provide necessary openings where indicated or implied by the Drawings and Specifications. Each Contractor is responsible to protect his own Work.

1.16 TIME OF COMMENCEMENT AND COMPLETION

- A. The Contractor shall commence work within ten (10) days after being notified in writing to proceed and shall complete the Work within the time limitations established in the Form of Agreement.
 - 1. It is anticipated that construction will start within **29** calendar days after receipt of bids.
 - 2. Construction shall be complete within **571** consecutive calendar days, or earlier, after Notice to Proceed.

PART 2 PRODUCTS (Not Used)

PART 3 EXECUTION

3.01 SCHEDULE OF CONTRACT RESPONSIBILITIES

3.02 GENERAL REQUIREMENTS

- A. PROVIDED BY OWNER THROUGH THE CONSTRUCTION MANAGER
 - Section 01 32 00 Schedules and Reports
 - Section 01 45 00S Masonry Inspection Report
 - Section 01 45 10 Testing Laboratory Services
 - Section 01 51 60 Temporary Sanitary Facilities
 - Section 01 52 60 Rubbish Container
 - Section 01 53 10 Fences (Temporary Security)
 - Section 01 57 60 Project Signs
 - Section 01 59 10 Project Office
 - Section 01 71 50 Final Cleaning

B. PROVIDED BY ALL CONTRACTORS AS APPLICABLE

Section	01 12 00	Multiple Contract Summary
Section	01 2 300	Alternates
Section	01 25 00	Contract Modification Procedures
Section	01 28 00	Schedule of Values
Section	01 29 00	Applications for Payment
Section	01 31 00	Project Meetings
Section	01 32 00	Schedules and Reports
Section	01 33 00	Submittal Procedures
Section	01 45 10	Testing Laboratory Services (Paragraph 1.05)
Section	01 50 50	Temporary Facilities and Controls
Section	01 54 60	Environment Protection
Section	01 54 80	Utility Protection
Section	01 56 30	Water Control
Section	01 56 90	Housekeeping & Safety
Section	01 59 20	Offices and Sheds
Section	01 60 00	Product Requirements
Section	01 72 50	Work Layout
Section	01 73 10	Cutting and Patching
Section	01 77 00	Contract Closeout

All Contractors shall provide their Superintendents with radios capable of handling multiple channels and compatible with radios used by the Construction Manager.

Autodesk Build is replacing **PlanGrid**. **Autodesk Build** does not require users to purchase a license. **Contractors** will be invited to the project and required to use this tool. **Autodesk Build** will be used as the **Current Set** and **As-Built Record Drawings**. Additionally, it will be used to track **Issues** for **Safety, QA/QC, Non-Compliance Issues, Work Completion List** and **Punch List**.

C. PROVIDED BY DESIGNATED CONTRACTORS

Section	01 21 00	Allowances
Section	01 51 10	Temporary Electricity, Lighting and Warning Systems
Section	01 51 30	Temporary Heating, Ventilation and Cooling
Section	01 51 50	Temporary Water
Section	01 51 80	Temporary Fire Protection
Section	01 52 10	Construction Aids and Temporary Enclosures
Section	01 52 60	Rubbish Containers
Section	01 53 20	Tree and Plant Protection
Section	01 53 30	Barricades
Section	01 55 00	Access Roads and Parking Areas
Section	01 56 20	Dust Control
Section	01 56 80	Erosion Control
Section	01 72 00	Field Engineering

3.03 BID CATEGORIES

A. BID CATEGORY NO. 1 – General Trades

General Requirements in Paragraph 3.02.B above.

Section	01 21 00	Allowances
Section	01 51 80	Temporary Fire Protection
Section	01 52 10	Construction Aids and Temporary Enclosures
Section	01 52 60	Rubbish Container
Section	01 53 20	Tree and Plant Protection
Section	01 53 30	Barricades
Section	01 55 00	Access Roads and Parking Areas
Section	01 56 20	Dust Control
Section	01 56 80	Erosion Control
Section	01 72 00	Field Engineering
Section	02 41 19	Selective Demolition
Section	03 30 00	Cast-In-Place Concrete
Section	04 20 00	Unit Masonry
Section	04 43 13	Adhered Stone Masonry Veneer
Section	05 50 00	Metal Fabrications
Section	06 10 00	Rough Carpentry
Section	06 16 00	Sheathing
Section	06 41 16	Plastic-Laminate-Face Architectural Cabinets
Section	06 46 00	Wood Trim
Section	07 51 13	Built-up Asphalt Roofing
Section	07 62 00	Sheet Metal Flashing and Trim
Section	07 72 00	Roof Accessories
Section	07 84 13	Penetration Firestopping
Section	07 92 00	Joint Sealants
Section	08 11 13	Hollow Metal Doors and Frames
Section	08 14 16	Flush Wood Doors
Section	08 41 13	Aluminum-Framed Entrances and Storefronts
Section	08 71 00	Door Hardware
Section	08 80 00	Glazing
Section	08 91 19	Fixed Louvers
Section	09 30 00	Tiling
Section	09 65 00	Resilient Flooring
Section	09 65 13	Resilient Base and Accessories
Section	09 66 23	Resinous Matrix Terrazzo Flooring
Section	09 67 23	Resinous Flooring
Section	10 51 13	Metal Lockers
Section	12 35 53	Laboratory Casework
Section	12 36 23	Plastic-Laminate-Clad Countertops
Section	12 36 53	Laboratory Countertops
Section	32 92 00	Turf and Grasses

B. BID CATEGORY NO. 3 – Interior Finishes

General Requirements in Paragraph 3.02.B above.

Section	01 21 00	Allowances
Section	05 40 00	Cold-Formed Metal Framing
Section	07 92 00	Joint Sealants
Section	08 31 13	Access Doors and Frames
Section	09 22 16	Non-Structural Metal Framing
Section	09 26 13	Gypsum Veneer Plastering
Section	09 29 00	Gypsum Board
Section	09 51 13	Acoustical Panel Ceilings
Section	09 91 23	Interior Painting
Section	09 96 00	High-Performance Coatings

C. BID CATEGORY NO. 5 – Mechanical/Plumbing

General requirements in Paragraph 3.02.B above.

Section	01 21 00	Allowances
Section	01 51 30	Temporary Heating, Ventilation and Cooling
Section	01 51 50	Temporary Water
Section	02 41 19	Selective Demolition
Section	07 84 13	Penetration Firestopping
Section	07 92 00	Joint Sealants
Section	22 05 00	Common Work Results for Plumbing
Section	22 05 23	General Duty Valves for Plumbing Piping (2 & less)
Section	22 05 29	Hangers and Supports for Plumbing Piping and Equipment
Section	22 07 00	Plumbing Insulation
Section	22 11 16	Domestic Water Piping
Section	22 13 16	Sanitary Waste and Vent Piping
Section	22 13 19	Sanitary Waste Piping Specialties
Section	23 05 00	Common Work Results for HVAC
Section	23 05 13	Common Motor Requirements for HVAC Equipment
Section	23 05 16	Expansion Fittings and Loops for HVAC Piping
Section	23 05 19	Meters and Gages for HVAC Piping
Section	23 05 23	General Duty Valves for HVAC Piping
Section	23 05 29	Hangers and Supports for HVAC Piping and Equipment
Section	23 05 48	Vibration and Seismic Controls for HVAC Piping and Equipment
Section	23 05 53	Identification for HVAC Piping and Equipment
Section	23 05 93	Testing, Adjusting, and Balancing for HVAC
Section	23 07 00	HVAC Insulation
Section	23 08 00	Commissioning of HVAC
Section	23 09 00	Instrumentation and Control for HVAC
Section	23 21 13	Hydronic Piping
Section	23 21 23	Hydronic Pumps

Section	23 22 13	Steam and Condensate Heating Piping
Section	23 22 16	Steam and Condensate Piping Specialties
Section	23 22 23	Steam Condensate Pumps
Section	23 23 00	Refrigerant Piping
Section	23 25 00	HVAC Water Treatment
Section	23 31 13	Metal Ducts
Section	23 31 15	HVAC Air-Distribution System Cleaning
Section	23 33 00	Air Duct Accessories
Section	23 36 00	Air Terminal Units
Section	23 37 13	Diffusers, Registers, and Grilles
Section	23 37 23	HVAC Gravity Ventilators
Section	23 40 00	Antimicrobial Systems for HVAC
Section	23 57 00	Heat Exchangers for HVAC
Section	23 62 00	Packaged Compressor and Condenser Units
Section	23 73 13	Modular Indoor Central-Station Air-Handling Units
Section	23 74 13	Packaged, Outdoor, Central-Station Air-Handling Units
Section	23 81 26	Split System Air Conditioners
Section	23 82 16	Air Coils
Section	23 83 23	Unit Ventilators
Section	23 82 25	Vertical Unit Ventilators (Both Split and Self Contained)
Section	23 82 33	Convectors
Section	23 82 39	Unit Heaters

D. BID CATEGORY NO. 6 - Electrical

General Requirements in Paragraph 3.02.B above.

Section	01 21 00	Allowances
Section	01 51 10	Temporary Electricity, Lighting and Warning Systems
Section	02 41 19	Selective Demolition
Section	07 84 13	Penetration Firestopping
Section	07 92 00	Joint Sealants
Section	26 05 00	Common Work Results for Electrical
Section	26 05 13	Medium-Voltage Cables
Section	26 05 19	Low-Voltage Electrical Power Conductors and Cables
Section	26 05 26	Grounding and Bonding for Electrical Systems
Section	26 05 29	Hangers and Supports for Electrical Systems
Section	26 05 33	Raceways and Boxes for Electrical Systems
Section	26 05 44	Sleeves and Sleeve Seals for Electrical Raceways and Cabling
Section	26 05 53	Identification for Electrical Systems
Section	26 05 73	Coordination Studies
Section	26 05 73	Short-Circuit Studies

Section	26 05 74	Overcurrent Protective Device Arc-Flash Study
Section	26 09 23	Lighting Control Devices
Section	26 09 43	Network Lighting Controls
Section	26 12 00	Medium-Voltage Transformers
Section	26 22 00	Low Voltage Transformers
Section	26 24 16	Panelboards
Section	26 27 26	Wiring Devices
Section	26 28 13	Fuses
Section	26 43 13	Surge Protection for Low-Voltage Electrical Power Circuits
Section	26 51 00	Interior Lighting
Section	26 56 00	Exterior Lighting
Section	27 05 00	Common Work Results for Communications
Section	27 05 26	Grounding and Bonding for Communications Systems
Section	27 05 28	Pathways for Communications Systems
Section	27 05 53	Identification for Communications Systems
Section	27 15 13	Communications Copper Horizontal Cabling
Section	27 17 00	Testing, Identification and Administration of Balanced Twisted Pair Infrastructure
Section	27 26 26	IP Address Request Form
Section	27 41 16	Technology Equipment
Section	28 13 00	Access Control
Section	28 15 00	Access Control Hardware Devices
Section	28 31 00	Fire Detection and Alarm

END OF SECTION 01 12 00

ADDENDUM NO. 1

DATE OF ISSUANCE:	October 4, 2024
PROJECT:	Loy Norrix High School Mechanical Improvements 606 East Kilgore Road Kalamazoo, MI 49001
OWNER:	Kalamazoo Public Schools
ARCHITECT'S PROJECT NO.:	21-807.00
ORIGINAL BID ISSUE DATE:	September 16, 2024

SCOPE OF WORK

This Addendum includes changes to, or clarifications of, the original Bidding Documents and any previously issued addenda, and shall be included in the Bid. All of these Addendum items form a part of the Contract Documents. The Bidder shall acknowledge receipt of this Addendum in the appropriate space provided on the Bid Form. Failure to do so may result in disqualification of the Bid.

DOCUMENTS INCLUDED IN THIS ADDENDUM

This Addendum includes **Two pages** of text and the following documents:

- Bidding Documents: **NA**
- Contract Conditions: **NA**
- Specification Sections: **NA**
- Drawings: **AD 100K, AD 100C, 200K & A 201C**

CHANGES TO PREVIOUSLY ISSUED ADDENDA

None.

CHANGES TO SPECIFICATIONS

ADD-1 Item No. S-1 - <Insert Title>

NA

CHANGES TO DRAWINGS

ADD-1 Item No. D-1 - Ceiling Changes

Refer to Sheet[s]: AD 100K, AD 100C, A 200K, and A 201C

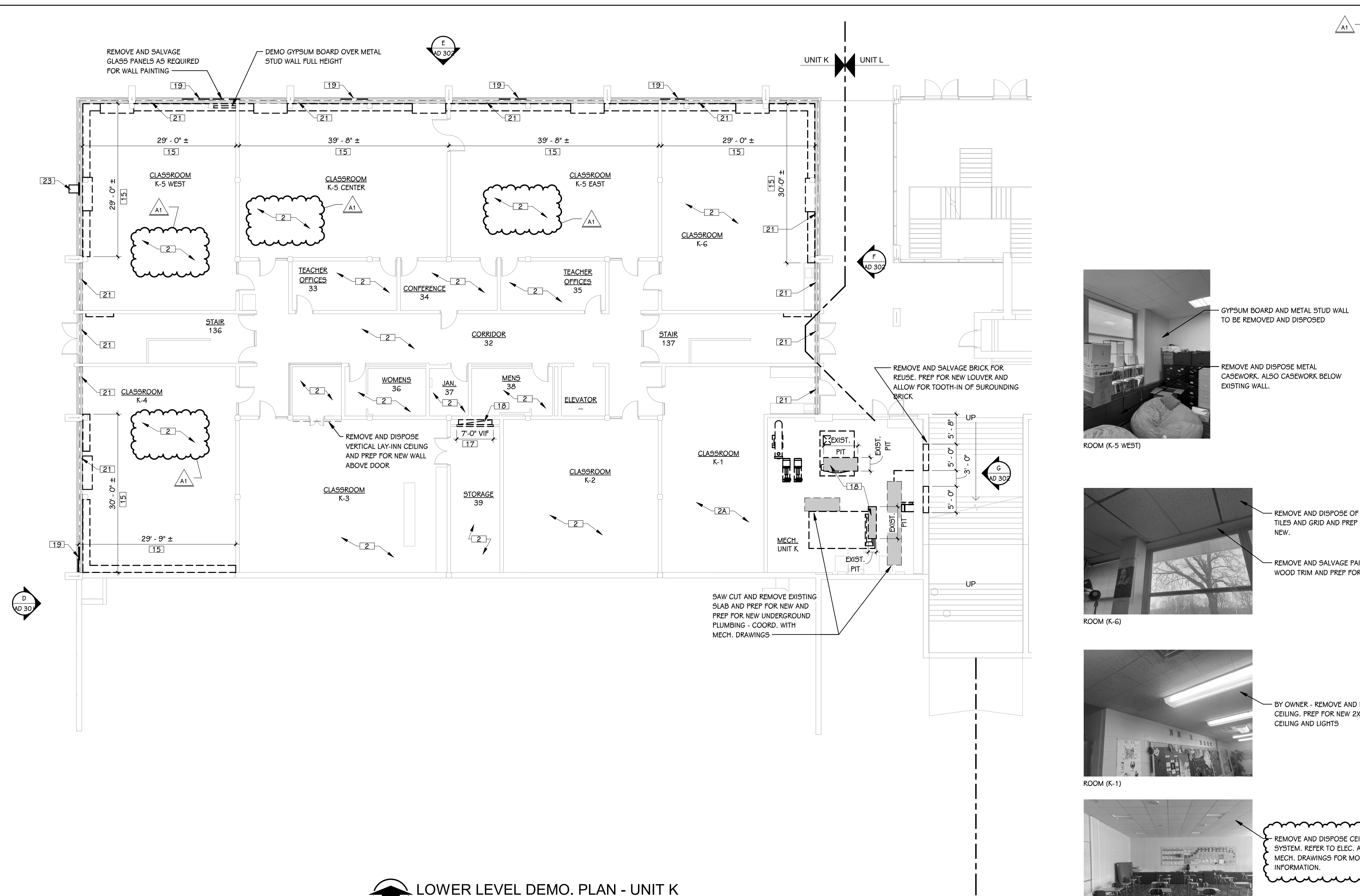
Any existing ceilings previously shown as removed, salvaged and reinstalled are to be removed, deposed and NEW ceiling installed. Updated ceiling types on ceiling plans, keyed notes (on demo and ceiling plan sheets) and ceiling details.

ADD-1 Item No. D-2 - Casework Changes

Refer to Sheet(s): I 101K and I 103

The casework that was previously shown as base cabinets in Project Room 318, are to be tall cabinets. Updated finish plans and interior elevations.

END OF ADDENDUM.



LOWER LEVEL DEMO. PLAN - UNIT K
3/32" = 1'-0"

- KEYED NOTES - DEMOLITION**
- 1A - NOT USED
 - 2 - REMOVE HARD LID CEILING AND SUPPORT STRUCTURE AND PREP FOR NEW. COORDINATE EXTEND WITH MECHANICAL DRAWINGS.
 - 3 - REMOVE AND DISCARD CEILING SYSTEM - REFER TO OTHER DRAWINGS FOR CEILING MOUNTED FIXTURE SCOPE. PREP FOR NEW CEILING.
 - 4 - BY OWNER - REMOVE AND DISCARD CEILING - REFER TO OTHER DRAWINGS FOR CEILING MOUNTED FIXTURE SCOPE. PREP FOR NEW CEILING.
 - 5 - REMOVE AND DISCARD OF CONVECTOR - REFER TO MECH. DRAWINGS. PREP WALL FOR NEW FINISH.
 - 6 - FOR MECH. UNIT REMOVAL REFER TO MECH. DRAWINGS. PREP WALL FOR REFINISH.
 - 7 - REMOVE AND DISCARD LOUVER - REFER TO AND COORDINATE WITH MECH. DRAWINGS.
 - 8 - REMOVE UNIT VENTILATOR FRONT SCREEN AND COUNTERTOP - SEE MECH. DRAWINGS.
 - 9 - REMOVE AND DISCARD OF COUNTERTOP AND FRONT PANEL OVER LIV UNIT.
 - 10 - REMOVE ROOF BEAM MOUNTED PIPE SYSTEM WELDED TO ROOF BEAMS AND DISCARD, GRIND BEAMS SMOOTH AND PREP FOR NEW PRIME AND PAINT ENTIRE BEAM.
 - 11 - REMOVE AND DISCARD GLASS UNIT AND PREP FOR NEW LOUVER INSERT INTO EXISTING MULLION SYSTEM.
 - 12 - REMOVE AND DISCARD ELEVATED WOOD FLOOR SYSTEM FRAMING, SHEATHING, FLOOR FINISH AND WALL BASE. PREP FLOOR AND WALLS FOR NEW FINISH.
 - 13 - REMOVE AND SALVAGE PIPE RAIL SYSTEM FOR REINSTALLATION. STORE AND PROTECT DURING CONSTRUCTION.
 - 14 - REMOVE AND DISCARD CASEWORK AND PREP FOR NEW.
 - 15 - REMOVE AND DISCARD PORTIONS OF WALL TO ALLOW FOR DUCT ACCESS
 - 16 - REMOVE PORTION OF WALL FULL HEIGHT AS REQUIRED FOR NEW WORK AND PREP FOR NEW WALL MECHANICAL PIT. PREP PIT FOR INFILL. SEE OTHER DRAWINGS.
 - 17 - REMOVE GLASS OUT OF EXISTING STOREFRONT WINDOW FRAME AND PREP FOR NEW CONSTRUCTION - REFER TO EXTERIOR DEMO. ELEVATIONS
 - 18 - REMOVE AND SALVAGE ALUM. CHASE. STORE AND PROTECT DURING CONSTRUCTION AND PREP FOR REUSE.
 - 19 - REMOVE WOOD TRIM PIECE AT CEILING ALONG EXTERIOR WINDOW WALLS AND SALVAGE FOR REUSE. STRIP AND PREP TRIM FOR NEW PRIME AND PAINT.
 - 20 - REMOVE AND DISCARD WALL TILE, AND CMU FACE SHELL AND PREP FOR NEW.
 - 21 - REMOVE WINDOW AC UNIT AND RETURN TO KPS. REMOVE AND DISCARD TEMPORARY PANEL AROUND AC UNIT.
 - 22 - REMOVE AND DISCARD CASEWORK AND COUNTERTOP.
 - 23 - REFER TO MECHANICAL DRAWINGS FOR MECHANICAL DEMO SCOPE, PREP OPENING FOR NEW CONSTRUCTION.
 - 24 - BY OWNER - REMOVE AND DISCARD FLOORING AND ADHESIVE BELOW EXISTING UNIT VENTILATOR BEING REMOVED AND DISPOSED. REMOVE AND DISPOSE OF EXISTING BUILD UP U.V. BASE AND WALL BASE.
 - 25 - REMOVE AND SALVAGE CASEWORK, COUNTERTOP, AND BASE AND PREP FOR REINSTALLATION.
 - 26 - REMOVE AND DISCARD FLOOR SLAB AND PREP FOR NEW DUCTWORK - REFER TO STRUCTURAL AND MECHANICAL AND COORD. FOR FINAL SIZE AND LOCATION. FINAL LOCATION SHALL BE BETWEEN EXISTING STRUCTURAL CONCRETE FLOOR BEAMS.
 - 27 - REMOVE AND SALVAGE TACKBOARD - REFER TO NEW CONSTRUCTION FOR NEW LOCATION
 - 28 - REMOVE AND DISCARD SOAP DISPENSER AND PAPER TOWEL DISPENSER
 - 29
 - 30



ROOM (K-5 WEST)

GYPSUM BOARD AND METAL STUD WALL TO BE REMOVED AND DISPOSED

REMOVE AND DISPOSE METAL CASEWORK. ALSO CASEWORK BELOW EXISTING WALL.



ROOM (K-6)

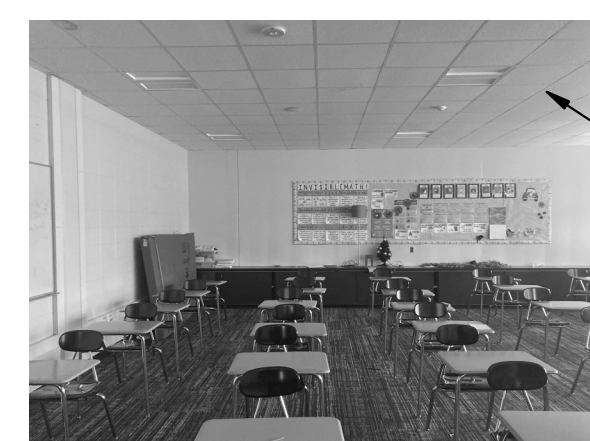
REMOVE AND DISPOSE OF CEILING TILES AND GRID AND PREP FOR NEW.

REMOVE AND SALVAGE PAINTED WOOD TRIM AND PREP FOR REUSE.



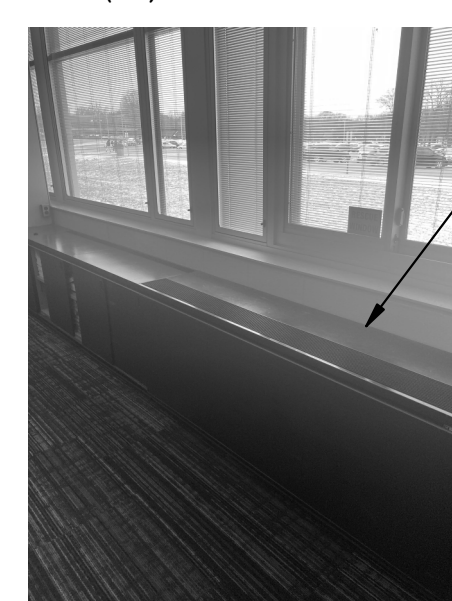
ROOM (K-1)

BY OWNER - REMOVE AND DISCARD CEILING. PREP FOR NEW 2X2 DROP CEILING AND LIGHTS



ROOM (K-4)

REMOVE AND DISPOSE CEILING SYSTEM. REFER TO ELEC. AND MECH. DRAWINGS FOR MORE INFORMATION.



ROOM (K-5 EAST)

REMOVE AND DISPOSE METAL CABINETS AND PREP FOR NEW. PATCH PRIME AND PAINT EXISTING WALL AS REQUIRED.

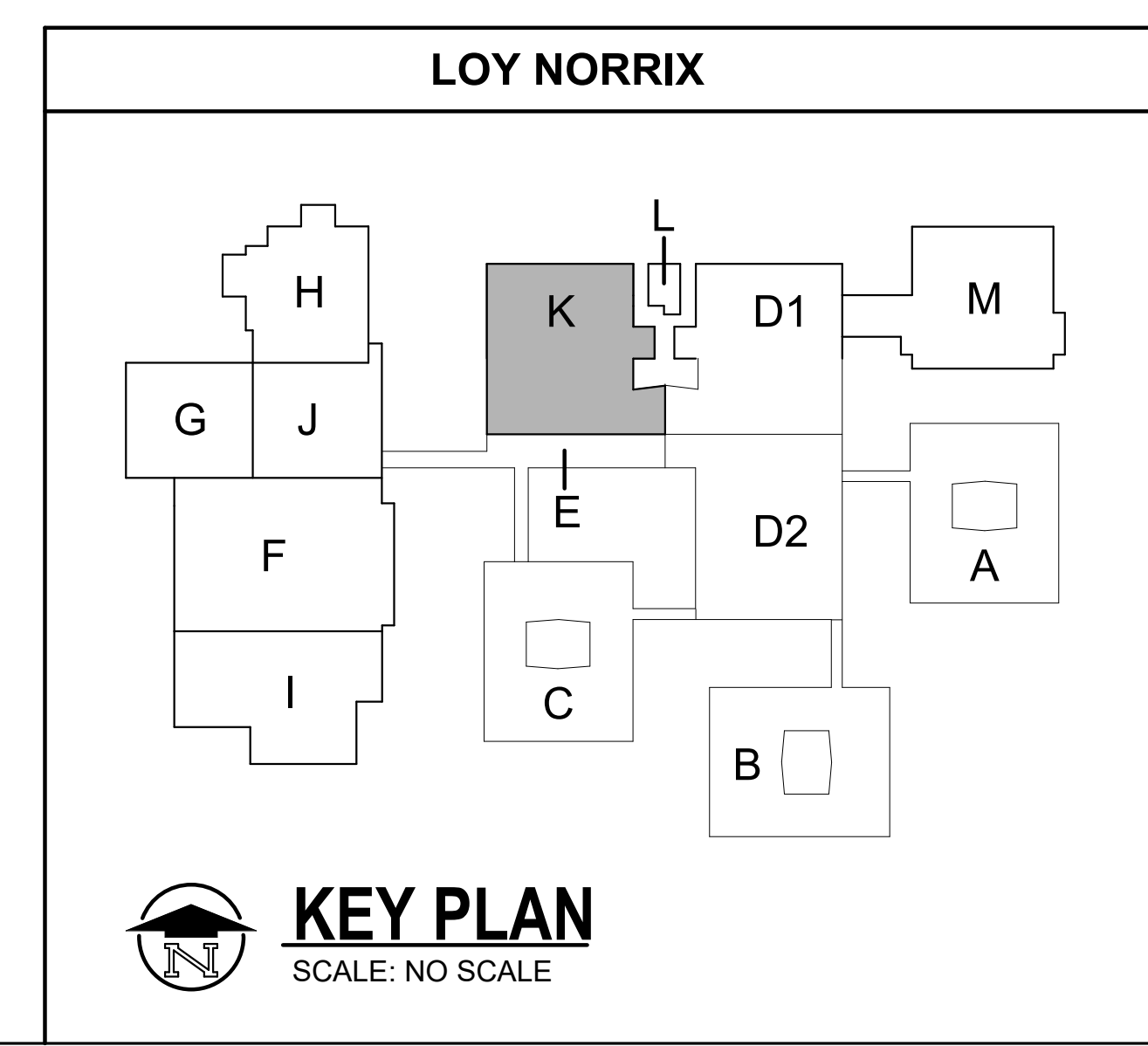


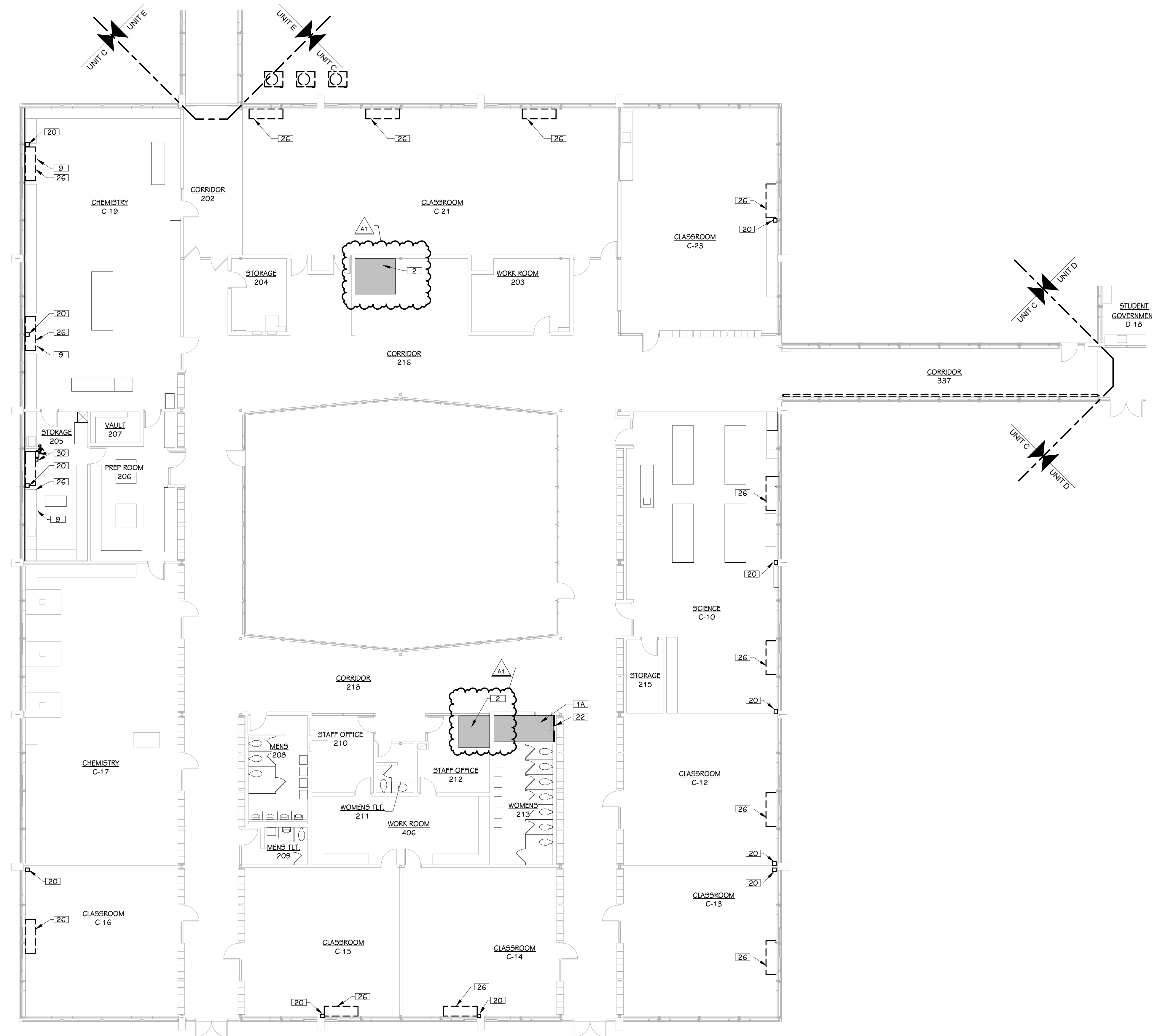
ROOM (K-3)

REMOVE AND DISPOSE CEILING AND PREP FOR NEW

REMOVE AND DISPOSE VERTICAL LAY-IN CEILING AND PREP FOR NEW WALL

DOORS AND EXISTING WALL THIS LEVEL TO REMAIN





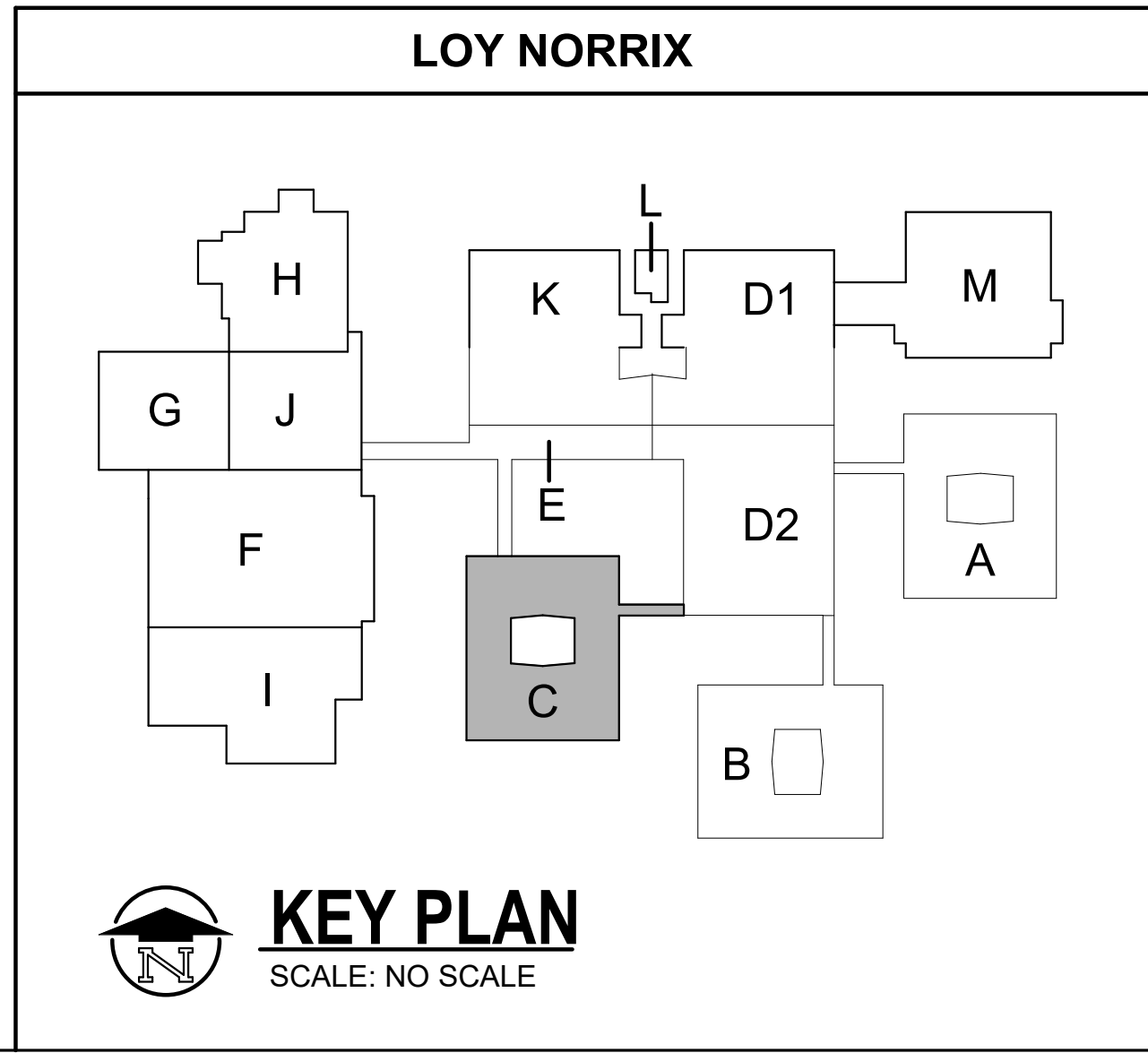
KEYED NOTES - DEMOLITION

- 1 NOT USED
- 1A REMOVE HARD LID CEILING AND SUPPORT STRUCTURE AND PREP FOR NEW. COORDINATE EXTEND WITH MECHANICAL DRAWINGS.
- 2 REMOVE AND DISCARD CEILING SYSTEM - REFER TO OTHER DRAWINGS FOR CEILING MOUNTED FIXTURE SCOPE. PREP FOR NEW CEILING.
- 2A BY OWNER - REMOVE AND DISCARD CEILING - REFER TO OTHER DRAWINGS FOR CEILING MOUNTED FIXTURE SCOPE. PREP FOR NEW CEILING.
- 3 REMOVE AND DISCARD OF CONVECTOR - REFER TO MECH. DRAWINGS. PREP WALL FOR NEW FINISH.
- 4 FOR MECH. UNIT REMOVAL REFER TO MECH. DRAWINGS. PREP WALL FOR REFINISH.
- 5 REMOVE AND DISCARD LOUVER - REFER TO AND COORDINATE WITH MECH. DRAWINGS.
- 7 REMOVE UNIT VENTILATOR FRONT SCREEN AND COUNTERTOP - SEE MECH. DRAWINGS.
- 9 REMOVE AND DISCARD OF COUNTERTOP AND FRONT PANEL OVER UV UNIT.
- 10 REMOVE ROOF BEAM MOUNTED PIPE SYSTEM WELDED TO ROOF BEAMS AND DISCARD, GRIND BEAMS SMOOTH AND PREP FOR NEW PRIME AND PAINT ENTIRE BEAM.
- 11 REMOVE AND DISCARD GLASS UNIT AND PREP FOR NEW LOUVER INSERT INTO EXISTING MULLION SYSTEM.
- 12 REMOVE AND DISCARD ELEVATED WOOD FLOOR SYSTEM FRAMING, SHEATHING, FLOOR FINISH AND WALL BASE. PREP FLOOR AND WALLS FOR NEW FINISH.
- 13 REMOVE AND SALVAGE PIPE RAIL SYSTEM FOR REINSTALLATION. STORE AND PROTECT DURING CONSTRUCTION.
- 15 REMOVE AND DISCARD CASEWORK AND PREP FOR NEW.
- 16 REMOVE AND DISCARD PORTIONS OF WALL TO ALLOW FOR DUCT ACCESS
- 17 REMOVE PORTION OF WALL FULL HEIGHT AS REQUIRED FOR NEW WORK AND PREP FOR NEW WALL MECHANICAL PIT. PREP PIT FOR INFILL. SEE OTHER DRAWINGS.
- 18 REMOVE GLASS OUT OF EXISTING STOREFRONT WINDOW FRAME AND PREP FOR NEW CONSTRUCTION - REFER TO EXTERIOR DEMO. ELEVATIONS
- 20 REMOVE AND SALVAGE ALUM. CHASE. STORE AND PROTECT DURING CONSTRUCTION AND PREP FOR REUSE.
- 21 REMOVE WOOD TRIM PIECE AT CEILING ALONG EXTERIOR WINDOW WALLS AND SALVAGE FOR REUSE. STRIP AND PREP TRIM FOR NEW PRIME AND PAINT.
- 22 REMOVE AND DISCARD WALL TILE, AND CMU FACE SHELL AND PREP FOR NEW.
- 23 REMOVE WINDOW AC UNIT AND RETURN TO KPS. REMOVE AND DISCARD TEMPORARY PANEL AROUND AC UNIT.
- 24 REMOVE AND DISCARD CASEWORK AND COUNTERTOP.
- 25 REFER TO MECHANICAL DRAWINGS FOR MECHANICAL DEMO SCOPE, PREP OPENING FOR NEW CONSTRUCTION.
- 26 BY OWNER - REMOVE AND DISCARD FLOORING AND ADHESIVE BELOW EXISTING UNIT VENTILATOR BEING REMOVED AND DISPOSED. REMOVE AND DISPOSE OF EXISTING BUILD UP U.V. BASE AND WALL BASE.
- 27 REMOVE AND SALVAGE CASEWORK, COUNTERTOP, AND BASE AND PREP FOR REINSTALLATION.
- 28 REMOVE AND DISCARD FLOOR SLAB AND PREP FOR NEW DUCTWORK - REFER TO STRUCTURAL AND MECHANICAL AND COORD. FOR FINAL SIZE AND LOCATION. FINAL LOCATION SHALL BE BETWEEN EXISTING STRUCTURAL CONCRETE FLOOR BEAMS.
- 29 REMOVE AND SALVAGE TACKBOARD - REFER TO NEW CONSTRUCTION FOR NEW LOCATION
- 30 REMOVE AND DISCARD SOAP DISPENSER AND PAPER TOWEL DISPENSER



- REMOVE AND DISPOSE OF COUNTERTOP OVER UV
- REMOVE AND DISPOSE WOOD UV FRONT PANEL
- REMOVE AND SALVAGE BASE FOR REUSE.

ROOM (C-19)



LEVEL 1 DEMOLITION PLAN - UNIT C
3/32" = 1'-0"

ADDENDUM NO. 1 October 4, 2024

ISSUED FOR DATE

PROJECT TITLE
LOY NORRIX HIGH SCHOOL MECHANICAL IMPROVEMENTS PROJECT

OWNER
KALAMAZOO PUBLIC SCHOOLS

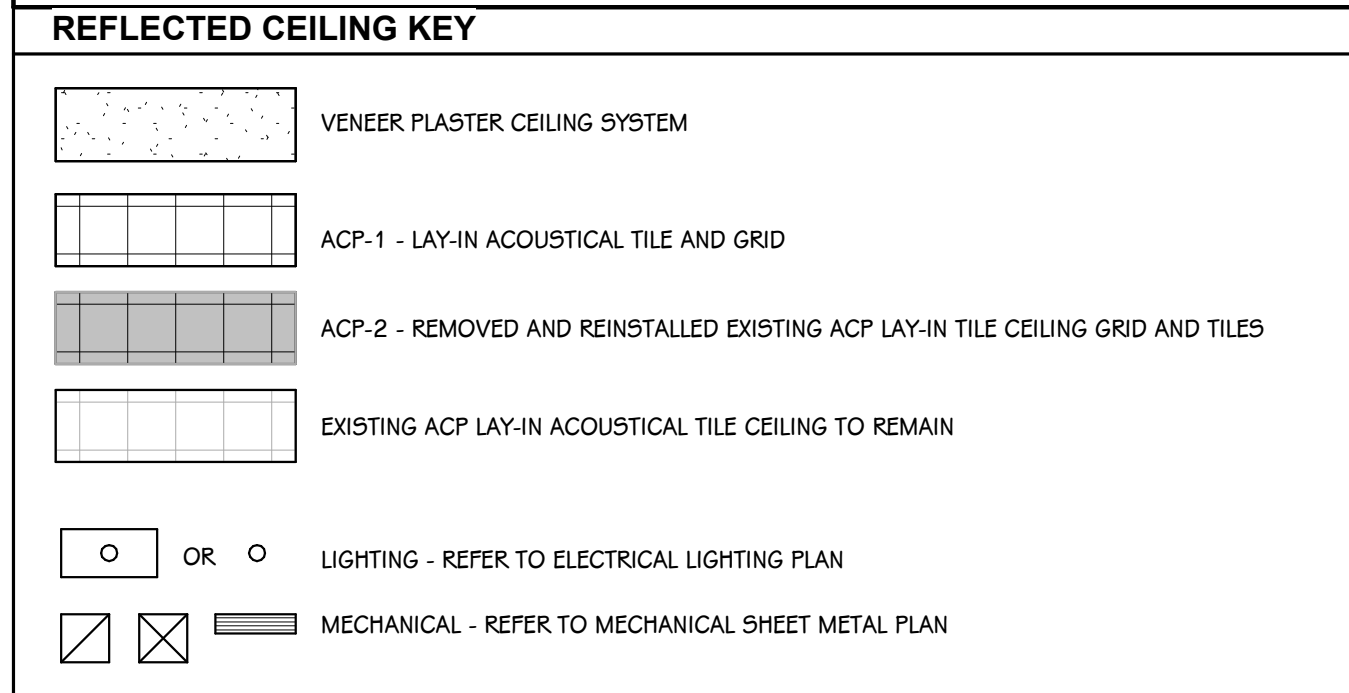
Kalamazoo, Michigan

SHEET TITLE
LEVEL 1 DEMOLITION PLAN - UNIT C

DATE
SEPTEMBER 16, 2024

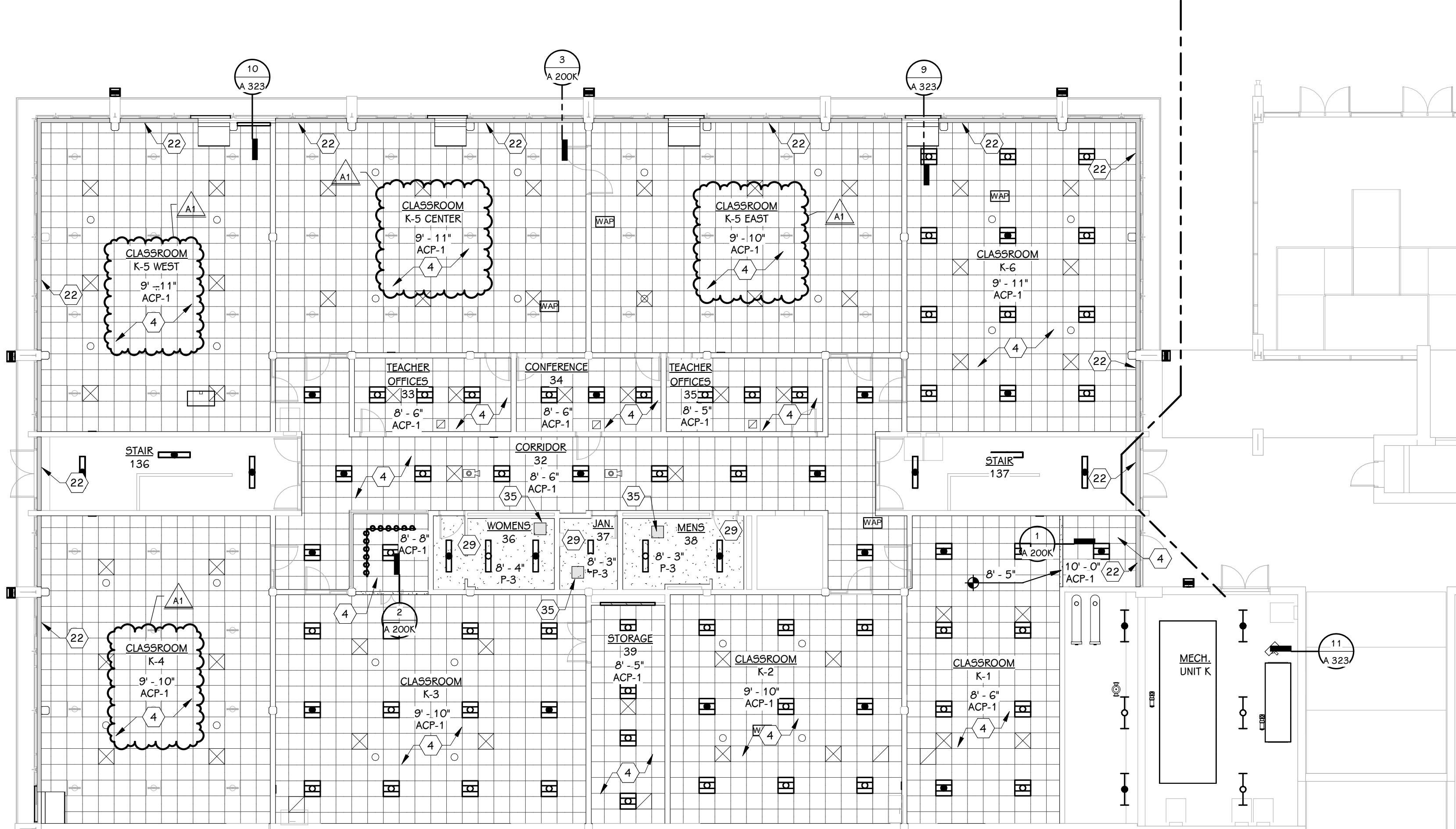
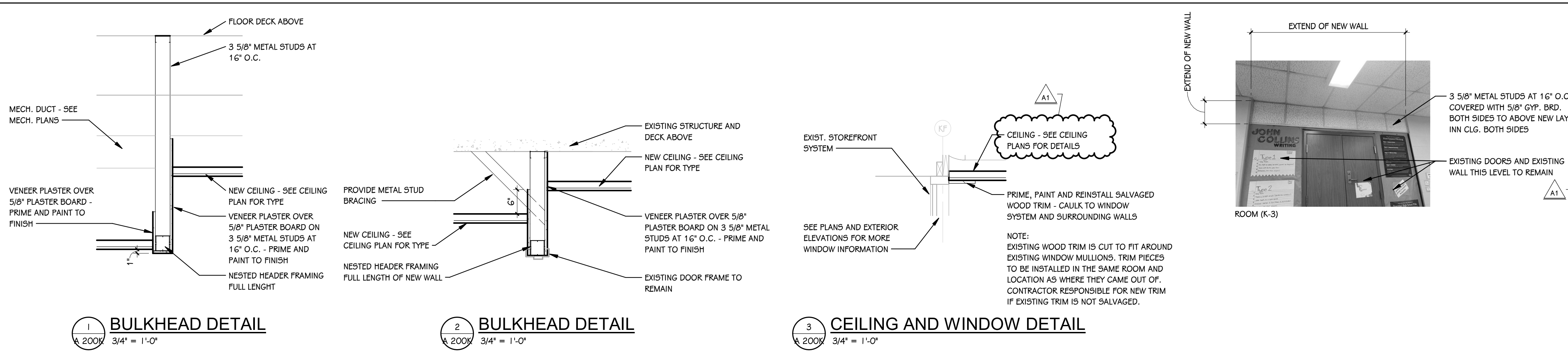
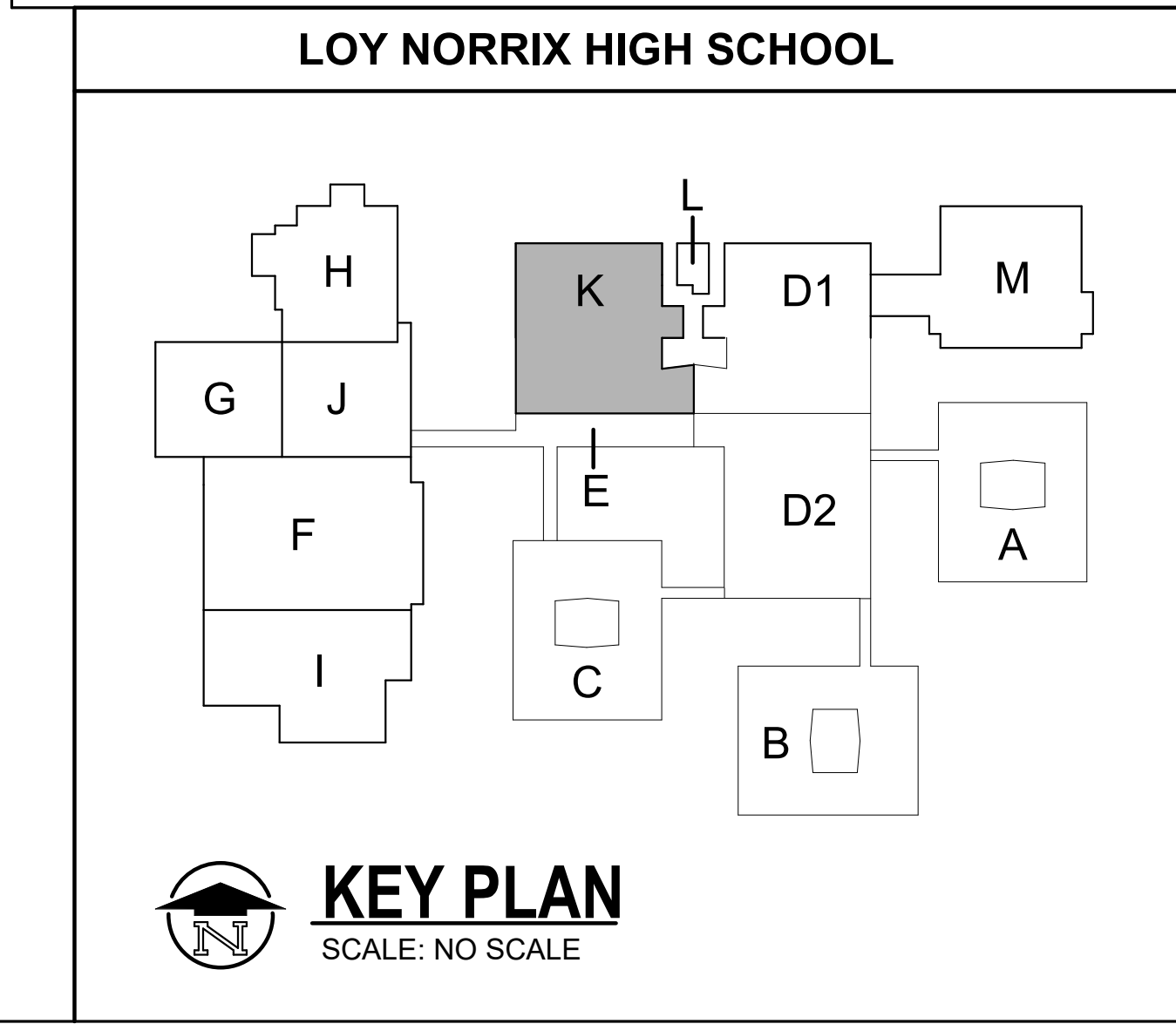
SHEET NUMBER
AD 101C
21-807.07

- KEYED NOTES - NEW CONSTRUCTION**
- WHERE REQUIRED PATCH, PRIME AND PAINT WALL AT REMOVED MECH. EQUIPMENT TO MATCH EXISTING COORDINATE WITH NEW EQUIPMENT.
 - FILL EXISTING CORED HOLES IN FLOOR WITH CONCRETE AND PATCH FLOOR TO MATCH EXISTING.
 - PATCH, PRIME AND PAINT WALL TO MATCH EXISTING.
 - NEW 2X2 ACP CEILING SYSTEM, INSTALL AT EXISTING CEILING HEIGHT.
 - PATCH PRIME AND PAINT WALL AT REMOVED MECH. EQUIPMENT AND REMOVED CASEWORK. PAINT TO MATCH EXISTING.
 - PROVIDE A CLEAR ANODIZED ALUM. CHASE UP ALONG THE SIDE OF THE COLUMN FULL HEIGHT. SIZE TO BE MINIMUM REQUIRED FOR MECHANICAL PIPES. MATCH EXISTING CHASES. FULL HEIGHT TO ABOVE CEILING.
 - INSTALL SALVAGED ALUM. CHASE ASSEMBLY UP ALONG THE WALL. INSTALL IN EXISTING LOCATION.
 - NOT USED
 - IN ALL EXISTING OPENING WITH BRICK AND CMU. BRICK TO MATCH EXISTING.
 - NEW EXHAUST THROUGH ROOF (SEE MECH. DRAWINGS). PATCH ROOF AND PROVIDE STEEL FRAMING AROUND NEW ROOF OPENING. SEE MECHANICAL DRAWINGS FOR MORE INFORMATION.
 - AT EACH SIDE OF NEW HORIZ. UV PROVIDE A PRIME AND PAINTED METAL FILLER PANEL (TOP AND FRONT) TO MATCH AND TIE INTO UV. SECURE TO UV AND ADJOINING CASEWORK (BY MECHANICAL). PROVIDE P-LAM. END PANEL AT NEWLY EXPOSED CASEWORK END (MATCH EXISTING)
 - PRIME AND PAINT ALL EXPOSED ROOF BEAMS IN ROOM.
 - PREP, PRIME, PAINT AND REINSTALL SALVAGED PIPE RAILING SYSTEM. GRIND ALL WELDS SMOOTH
 - PRIME AND PAINT ALL WALLS TO MATCH EXISTING FULL HEIGHT.
 - NEW CASEWORK - SEE INTERIOR DRAWINGS
 - REBUILD WALL AT REMOVED MTL. STUD WALL AND GYPSUM BOARD WITH NEW 5/8" GYPSUM BOARD OVER MTL STUD FRAMING TO MATCH EXISTING. PRIME AND PAINT ENTIRE WALL TO MATCH EXISTING.
 - CAP DUCTS IN VERTICAL FIT WALL WITH 8" CONCRETE DOWELED INTO THE SURROUNDING WALLS. FILL FIT WITH SAND AND FINISH WITH 4" OF CONCRETE SLAB DOWELED INTO THE ADJOINING EXISTING SLAB. FOR SLAB AND WALL - DOWEL ALL SIDES WITH #4 DOWELS X 12" LONG AT 8" O.C. DRILL AND EPOXY WITH HILTI HIT HY 200 WITH 4" EMBEDMENT
 - 5/8" IMPACT RESISTANT GYPSUM BOARD BULKHEAD OVER 3 5/8" METAL STUD FRAMING AT 16" O.C.
 - NEW 6" CMU WALL TO MATCH SURROUNDING EXISTING WALL. TOOTH IN, PRIME AND PAINT TO MATCH EXISTING.
 - AT REMOVED GLASS PANEL PROVIDE NEW CLEAR ANODIZED LOUVER INSERT, PROVIDE INSULATED METAL BLANK OFF PANEL AT ANY UNUSED LOUVER AREAS - SEE MECH. DWGS
 - IN EXISTING LOUVER OPENING INSTALL 3" INSULATED METAL PANEL (BLACK) TIGHT AGAINST LOUVER AND TIGHT IN OPENING. SECURE IN PLACE AND CAULK ALL SIDES. AT INSIDE FLUSH WITH INTERIOR FACE OF EXISTING CMU WALL ADD 4" CMU INFILL TOOTH IN ALL SIDES
 - INSTALL SALVAGED WOOD TRIM PRIME AND PAINT TO MATCH EXISTING. SEE DETAILS.
 - MINOR FLOOR PATCHING REQUIRED AT REMOVED UV'S, NEW CASEWORK, CHASE, OR OTHER MINOR FLOOR CONFIGURATION CHANGES. MATERIAL AVAILABLE OUT OF OWNER ATTIC STOCK.
 - BREAK METAL CLOSURE PIECE WITH HEMMED EDGES, GRIND SMOOTH, AND ROUNDED CORNERS, AND PAINTED TO MATCH NEW UV UNIT. ATTACH TO UV UNIT AND WINDOW FRAME AS REQUIRED. SIZE AND SHAPE TO BE CONFIRMED IN FIELD. HEIGHT TO BE FULL HEIGHT OF EXPOSED PORTION OF BLANK OFF PANEL.
 - EXISTING MECHANICAL ROOF EQUIPMENT TO REMAIN - SEE MECHANICAL DRAWINGS.
 - NEW MECHANICAL CONDENSING UNITS SET ON ROOF. WITH NEW PIPE PENETRATIONS THROUGH ROOF FLASHED WEATHER TIGHT - SEE MECHANICAL DRAWINGS. DEMO EXISTING ROOF AS REQUIRED.
 - NEW SUSPENDED PLASTER CEILING AT EXISTING HEIGHT. PRIME AND PAINT TO MATCH EXISTING.
 - AT REMOVED DIFFUSER OPENING, PROVIDE METAL STUD FRAMING, GYPSUM BOARD AND PRIME AND PAINT TO MATCH EXISTING. PRIME AND PAINT ENTIRE WALL TO ABOVE CEILING TO MATCH EXISTING.
 - NEW EXHAUST FAN / RELIEF HOOD ON EXISTING ROOF CURB FLASH WEATHER TIGHT
 - NEW EXHAUST FAN/RELIEF HOOD OR OTHER MECHANICAL EQUIPMENT ON NEW ROOF CURB. DEMO EXISTING ROOF AS REQUIRED. PATCH NEW CURB INTO EXISTING ROOF WEATHER TIGHT - SEE MECHANICAL DRAWINGS. SEE ROOF CURB AND PENETRATION DETAILS THIS SHEET.
 - REINSTALL SALVAGED CASEWORK AND COUNTERTOP
 - EXISTING UV TO BE REMOVED AND INSTALL NEW UV. REINSTALL EXISTING SALVAGED COVER - SEE PICTURE
 - INSTALL NEW PRIME AND PAINTED WOOD TRIM TO MATCH EXISTING. SEE DETAILS.
 - NEW ACCESS PANELS 18"x18" - PRIME AND PAINT TO MATCH CEILING - COORD. FINAL LOCATION WITH MECHANICAL

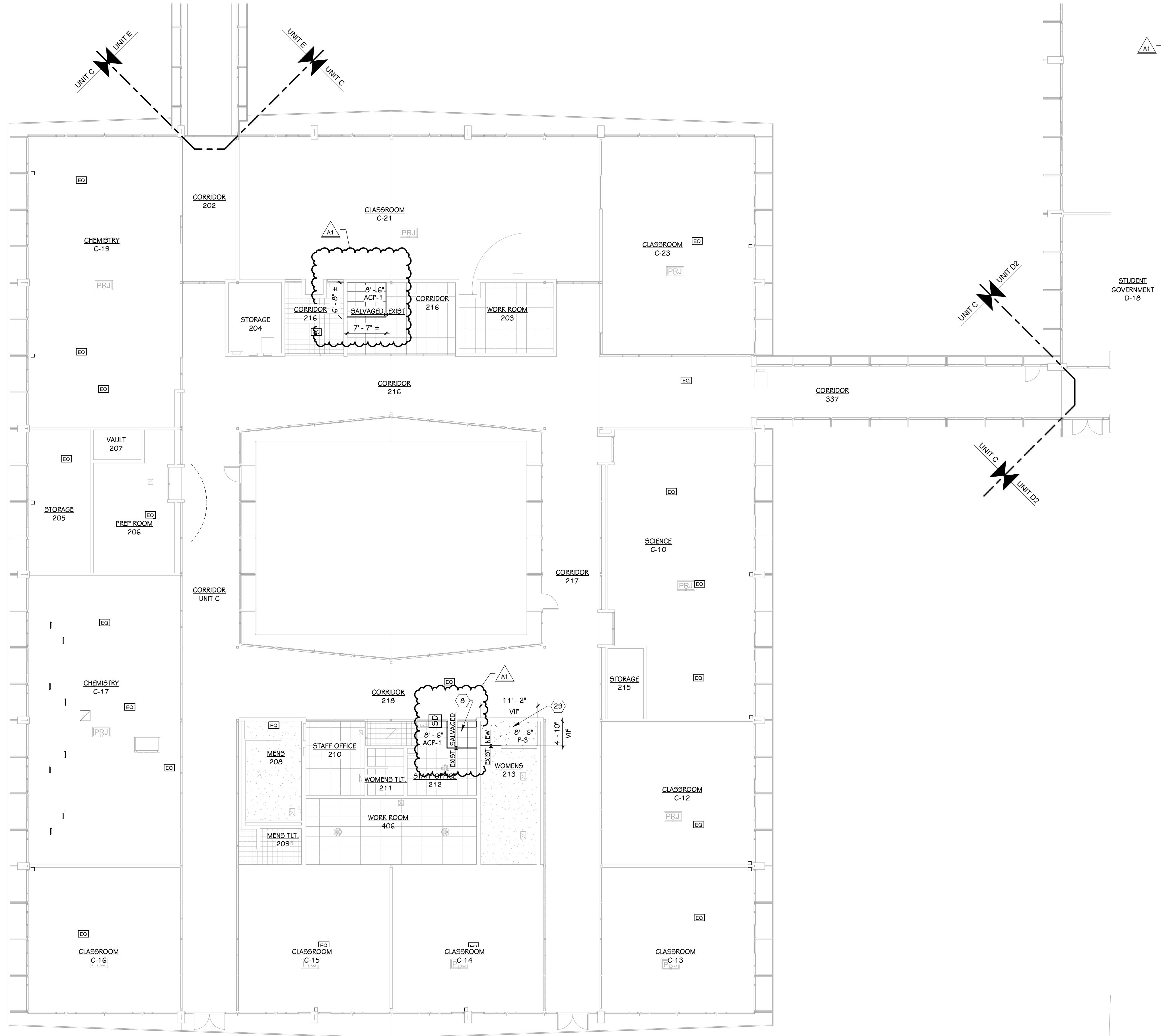


REFLECTED CEILING GENERAL NOTES

- WHERE CEILING TILE IS LESS THAN 3" AT PERIMETER OF ROOM PROVIDE A CUT 2x4 TILE IN LIEU OF FULL 2x2 TILE AND SMALL PIECE OF TILE OR DOUBLE GRID - MATCH 2x2 FOR STYLE AND COLOR.



LOWER LEVEL REFLECTED CEILING PLAN - UNIT K
 3/32" = 1'-0"

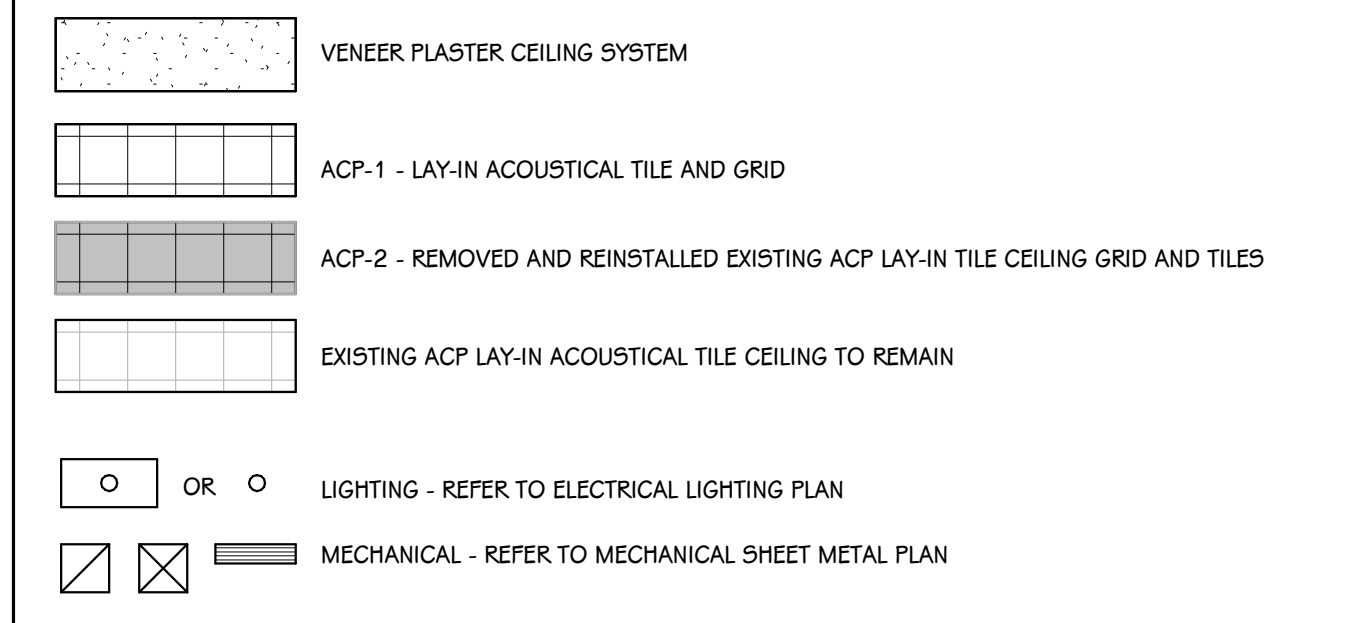


LEVEL 1 REFLECTED CEILING PLAN - UNIT C
 3/32" = 1'-0"

KEYED NOTES - NEW CONSTRUCTION

- 1 WHERE REQUIRED PATCH, PRIME AND PAINT WALL AT REMOVED MECH. EQUIPMENT TO MATCH EXISTING COORDINATE WITH NEW EQUIPMENT.
- 2 FILL EXISTING CORED HOLES IN FLOOR WITH CONCRETE AND PATCH FLOOR TO MATCH EXISTING.
- 3 PATCH, PRIME AND PAINT WALL TO MATCH EXISTING.
- 4 NEW 2X2 ACP CEILING SYSTEM, INSTALL AT EXISTING CEILING HEIGHT.
- 5 PATCH PRIME AND PAINT WALL AT REMOVED MECH. EQUIPMENT AND REMOVED CASEWORK. PAINT TO MATCH EXISTING.
- 6 PROVIDE A CLEAR ANODIZED ALUM. CHASE UP ALONG THE SIDE OF THE COLUMN FULL HEIGHT. SIZE TO BE MINIMUM REQUIRED FOR MECHANICAL PIPES. MATCH EXISTING CHASES. FULL HEIGHT TO ABOVE CEILING.
- 7 INSTALL SALVAGED ALUM. CHASE ASSEMBLY UP ALONG THE WALL. INSTALL IN EXISTING LOCATION.
- 8 -- NOT USED --
- 9 INFILL EXISTING OPENING WITH BRICK AND CMU. BRICK TO MATCH EXISTING.
- 10 NEW EXHAUST THROUGH ROOF (SEE MECH. DRAWINGS). PATCH ROOF AND PROVIDE STEEL FRAMING AROUND NEW ROOF OPENING. SEE MECHANICAL DRAWINGS FOR MORE INFORMATION.
- 11 AT EACH SIDE OF NEW HORIZ. UV PROVIDE A PRIME AND PAINTED METAL FILLER PANEL (TOP AND FRONT) TO MATCH AND TIE INTO UV. SECURE TO UV AND ADJOINING CASEWORK (BY MECHANICAL). PROVIDE P-LAM. END PANEL AT NEWLY EXPOSED CASEWORK END (MATCH EXISTING)
- 12 PRIME AND PAINT ALL EXPOSED ROOF BEAMS IN ROOM.
- 13 PREP, PRIME, PAINT AND REINSTALL SALVAGED PIPE RAILING SYSTEM. GRIND ALL WELDS SMOOTH
- 14 PRIME AND PAINT ALL WALLS TO MATCH EXISTING FULL HEIGHT.
- 15 NEW CASEWORK - SEE INTERIOR DRAWINGS
- 16 REBUILD WALL AT REMOVED MTL. STUD WALL AND GYPSUM BOARD WITH NEW 5/8" GYPSUM BOARD OVER MTL STUD FRAMING TO MATCH EXISTING. PRIME AND PAINT ENTIRE WALL TO MATCH EXISTING.
- 17 CAP DUCTS IN VERTICAL FIT WALL WITH 8" CONCRETE DOWELED INTO THE SURROUNDING WALLS. FILL PIT WITH SAND AND FINISH WITH 4" OF CONCRETE SLAB DOWELED INTO THE ADJOINING EXISTING SLAB. FOR SLAB AND WALL - DOWEL ALL SIDES WITH #4 DOWELS X 12" LONG AT 8" O.C. DRILL AND EPOXY WITH HILTI HIT HY 200 WITH 4" EMBEDMENT
- 18 5/8" IMPACT RESISTANT GYPSUM BOARD BULKHEAD OVER 3 5/8" METAL STUD FRAMING AT 16" O.C.
- 19 NEW 6" CMU WALL TO MATCH SURROUNDING EXISTING WALL. TOOTH IN, PRIME AND PAINT TO MATCH EXISTING.
- 20 AT REMOVED GLASS PANEL PROVIDE NEW CLEAR ANODIZED LOUVER INSERT, PROVIDE INSULATED METAL BLANK OFF PANEL AT ANY UNUSED LOUVER AREAS - SEE MECH. DWGS
- 21 IN EXISTING LOUVER OPENING INSTALL 3" INSULATED METAL PANEL (BLACK) TIGHT AGAINST LOUVER AND TIGHT IN OPENING. SECURE IN PLACE AND CAULK ALL SIDES. AT INSIDE FLUSH WITH INTERIOR FACE OF EXISTING CMU WALL ADD 4" CMU INFILL TOOTH IN ALL SIDES
- 22 INSTALL SALVAGED WOOD TRIM PRIME AND PAINT TO MATCH EXISTING. SEE DETAILS.
- 23 MINOR FLOOR PATCHING REQUIRED AT REMOVED UV'S, NEW CASEWORK, CHASE, OR OTHER MINOR FLOOR CONFIGURATION CHANGES. MATERIAL AVAILABLE OUT OF OWNER ATTIC STOCK.
- 24 BREAK METAL CLOSURE PIECE WITH HEMMED EDGES, GROUND SMOOTH, AND ROUNDED CORNERS, AND PAINTED TO MATCH NEW UV UNIT. ATTACH TO UV UNIT AND WINDOW FRAME AS REQUIRED. SIZE AND SHAPE TO BE CONFIRMED IN FIELD. HEIGHT TO BE FULL HEIGHT OF EXPOSED PORTION OF BLANK OFF PANEL.
- 25 EXISTING MECHANICAL ROOF EQUIPMENT TO REMAIN - SEE MECHANICAL DRAWINGS.
- 26 NEW MECHANICAL ROOF EQUIPMENT ON EXISTING ROOF CURB FLASH WEATHER TIGHT - SEE MECHANICAL DRAWINGS
- 28 NEW MECHANICAL CONDENSING UNITS SET ON ROOF. WITH NEW PIPE PENETRATIONS THROUGH ROOF FLASHED WEATHER TIGHT - SEE MECHANICAL DRAWINGS. DEMO EXISTING ROOF AS REQUIRED.
- 29 NEW SUSPENDED PLASTER CEILING AT EXISTING HEIGHT. PRIME AND PAINT TO MATCH EXISTING.
- 30 AT REMOVED DIFFUSER OPENING, PROVIDE METAL STUD FRAMING, GYPSUM BOARD AND PRIME AND PAINT TO MATCH EXISTING. PRIME AND PAINT ENTIRE WALL TO ABOVE CEILING TO MATCH EXISTING.
- 31 NEW EXHAUST FAN / RELIEF HOOD ON EXISTING ROOF CURB FLASH WEATHER TIGHT
- 31A NEW EXHAUST FAN/RELIEF HOOD OR OTHER MECHANICAL EQUIPMENT ON NEW ROOF CURB. DEMO EXISTING ROOF AS REQUIRED. PATCH NEW CURB INTO EXISTING ROOF WEATHER TIGHT - SEE MECHANICAL DRAWINGS. SEE ROOF CURB AND PENETRATION DETAILS THIS SHEET.
- 32 REINSTALL SALVAGED CASEWORK AND COUNTERTOP
- 33 EXISTING UV TO BE REMOVED AND INSTALL NEW UV. REINSTALL EXISTING SALVAGED COVER - SEE PICTURE
- 34 INSTALL NEW PRIMED AND PAINTED WOOD TRIM TO MATCH EXISTING. SEE DETAILS.
- 35 NEW ACCESS PANELS 18"x18" - PRIME AND PAINT TO MATCH CEILING - COORD. FINAL LOCATION WITH MECHANICAL

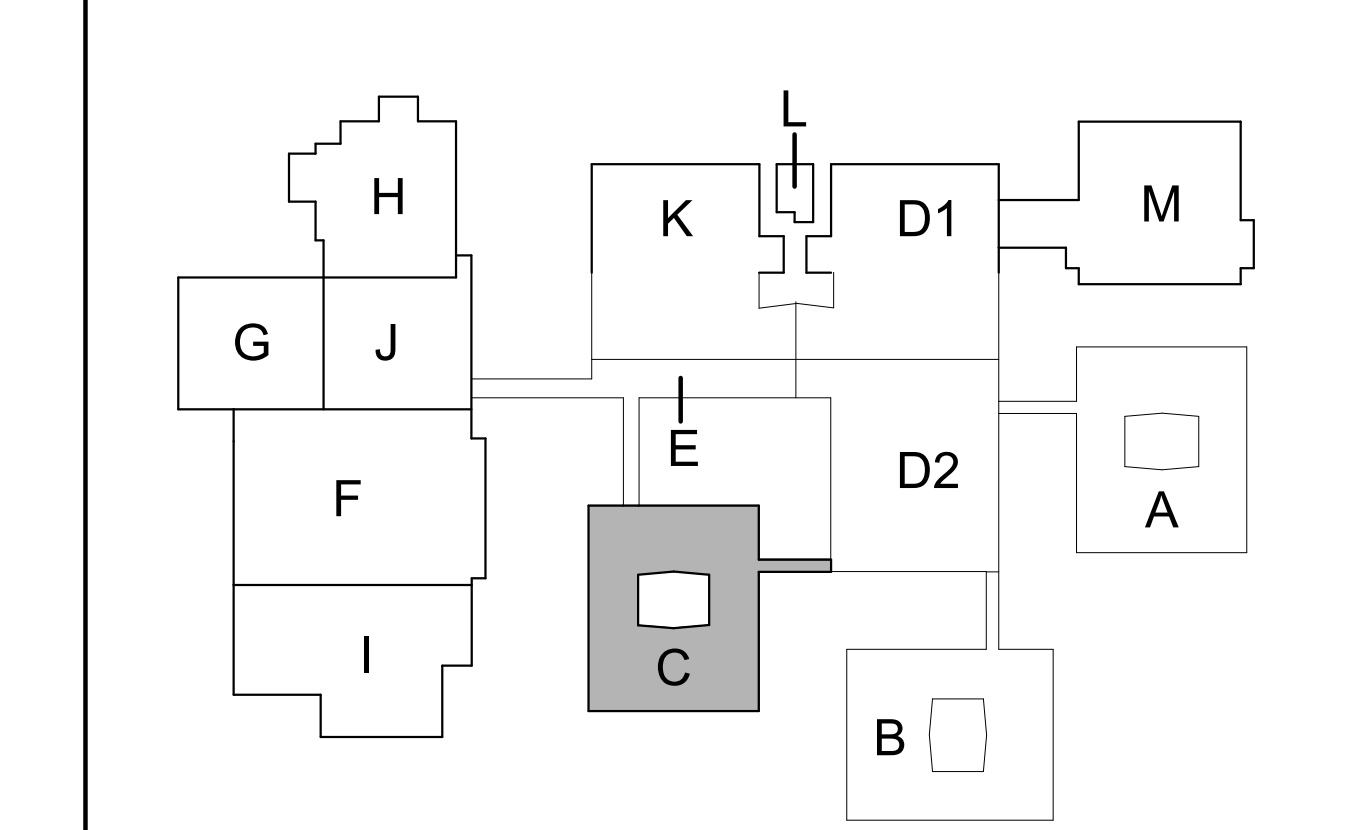
REFLECTED CEILING KEY



REFLECTED CEILING GENERAL NOTES

1. WHERE CEILING TILE IS LESS THAN 3" AT PERIMETER OF ROOM PROVIDE A CUT 2x4 TILE IN LIEU OF FULL 2x2 TILE AND SMALL PIECE OF TILE OR DOUBLE GRID - MATCH 2x2 FOR STYLE AND COLOR.

LOY NORRIX HIGH SCHOOL



KEY PLAN
 SCALE: NO SCALE

ADDENDUM NO. 1 October 4, 2024

ISSUED FOR DATE

PROJECT TITLE
LOY NORRIX HIGH SCHOOL MECHANICAL IMPROVEMENTS PROJECT

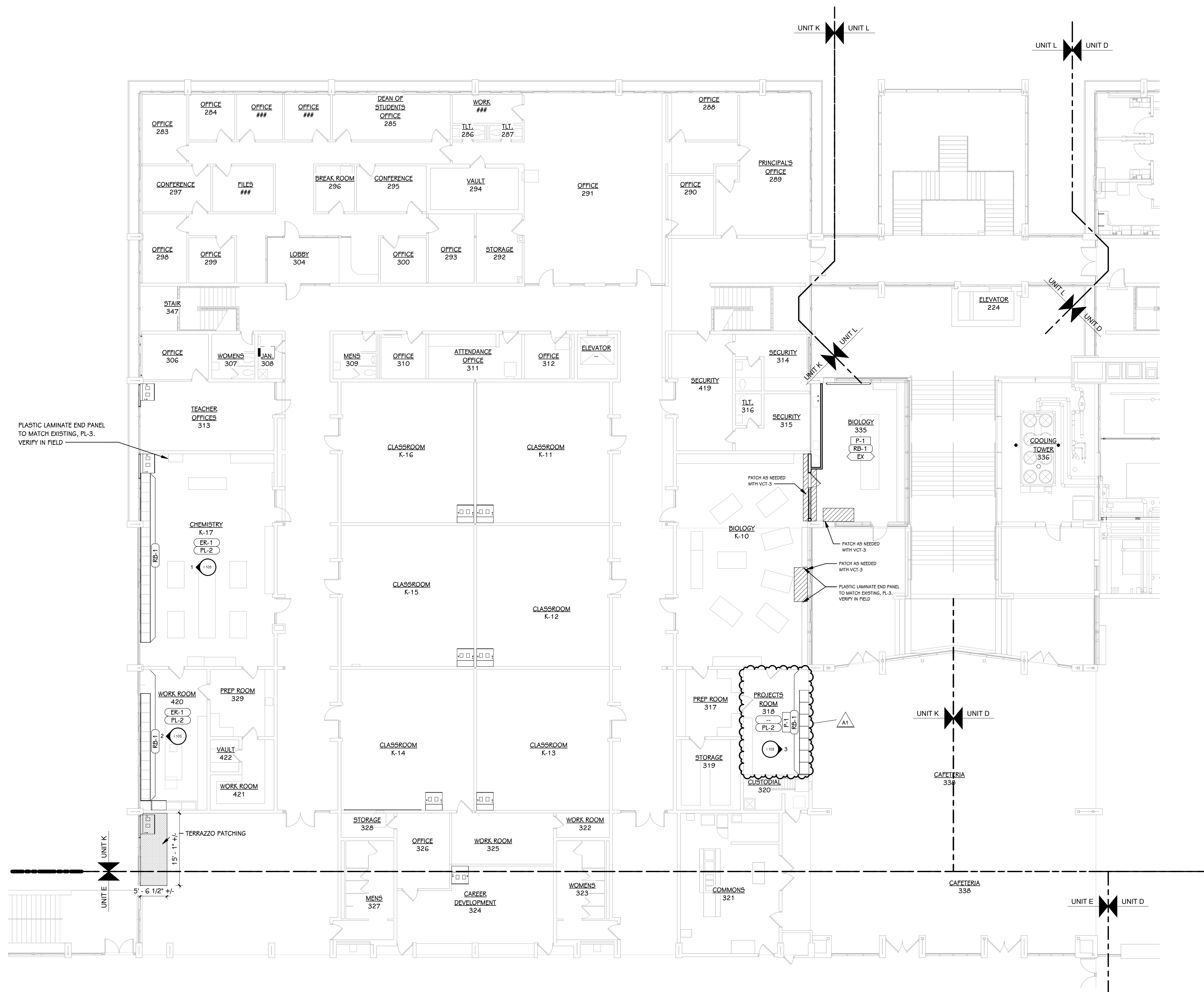
OWNER
KALAMAZOO PUBLIC SCHOOLS

SHEET TITLE
LEVEL 1 REFLECTED CEILING PLAN - UNIT C

SHEET NUMBER
A 201C
 21-807.07

LOCATION
Kalamazoo, Michigan

DATE
SEPTEMBER 16, 2024



FINISH KEY

	WALL FINISH	REFER TO MATERIAL SELECTION SCHEDULE FOR FINISH INFORMATION
	FLOOR BASE	
	FLOOR FINISH	
	COUNTER FINISH	
	CABINET FINISH (BASE AND UPPER)	
	INDICATES EXTENT OF ATYPICAL FINISH	
	INDICATES FLOOR MATERIAL TRANSITION NOTE - REFER TO MATERIAL SELECTION SCHEDULE REMARKS FOR FLOOR TRANSITION TYPE	
	INDICATES MULTIPLE MATERIAL TYPES ON A SURFACE. REFER TO DETAIL OR ELEVATIONS.	
	INDICATES MATERIAL PATTERN. REFER TO DETAILS	

- FINISH PLAN GENERAL NOTES**
- REFER TO ARCHITECTURAL FLOOR PLANS AND SPECIFICATION FOR ADDITIONAL INFORMATION ON CONSTRUCTION MATERIALS.
 - REFER TO REFLECTED CEILING PLANS FOR CEILING FINISH AND HEIGHTS.
 - AT AREAS OF EXPOSED CEILING WHERE THE DUCT WORK AND DIFFUSERS ARE TO BE PAINTED, COORDINATE WITH MECHANICAL SPECIFICATIONS AND REFER TO THE REFLECTED CEILING PLANS FOR PAINT COLORS.
 - REFER TO DOOR SCHEDULE FOR FINISH ON DOORS AND FRAMES.
 - WALL MOUNTED DIFFUSERS, GRILLES, ACCESS PANELS, ELECTRICAL PANELS, ETC. ARE TO BE PAINTED WITH AN OIL-BASED PAINT TO MATCH THE ADJACENT WALL FINISH.
 - FINISH TAGS APPLY TO LIKE MATERIALS IN ENTIRE ROOM. I.E. CASEWORK TAG MAY ONLY CALLOUT ONE RUN OF CASEWORK, BUT ALL CASEWORK IN ROOM RECEIVE THE SAME FINISHES, UNLESS TAGGED DIFFERENTLY.
 - CASEWORK FINISH TAGS DO NOT APPLY TO CUSTOM MILLWORK PIECES. REFER TO THEIR SECTIONS AND/OR ELEVATIONS FOR FINISH MATERIALS.
 - PATCH EXISTING FLOORING AND BASE AROUND NEW CONSTRUCTION. USE OWNERS ATTIC STOCK. REFER TO ARCHITECTURAL AND MECHANICAL SHEETS FOR EXTENT.
 - RUBBER BASE (RB) TO BE REMOVED BUT NOT REPLACED AT NEW UNITS.

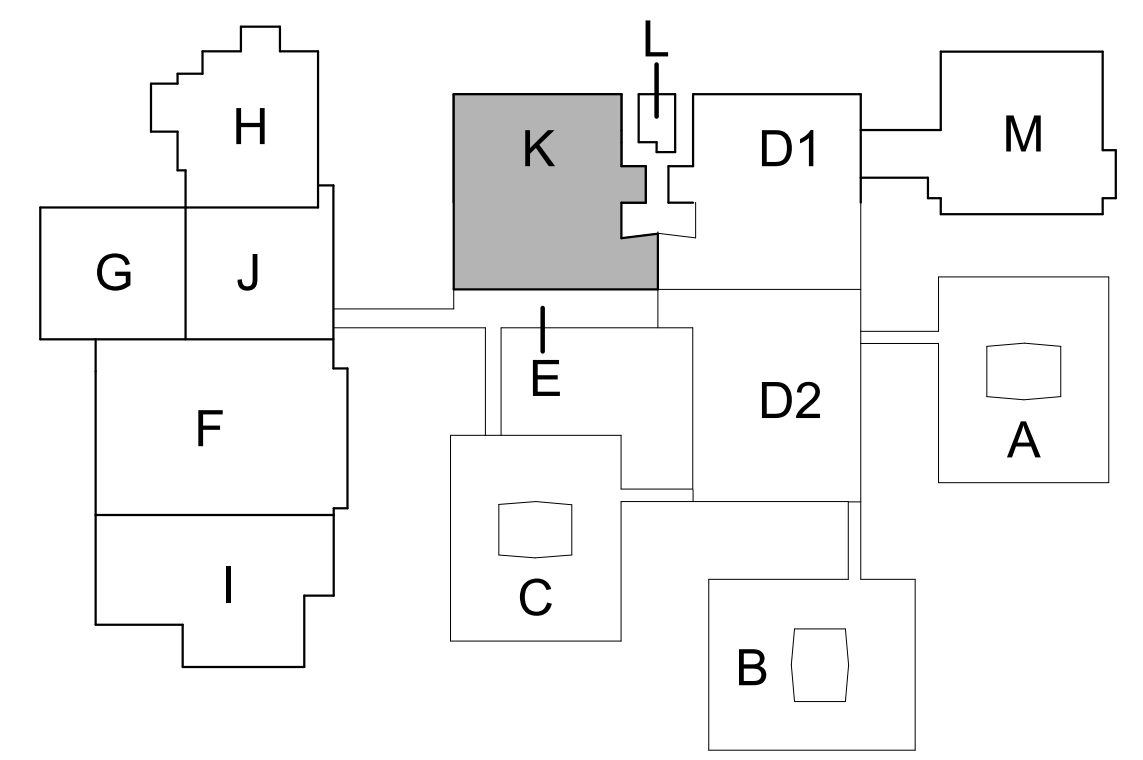
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PROJECT TITLE
LOY NORRIX HIGH SCHOOL MECHANICAL IMPROVEMENTS PROJECT

OWNER
KALAMAZOO PUBLIC SCHOOLS
Kalamazoo, Michigan

LOY NORRIX



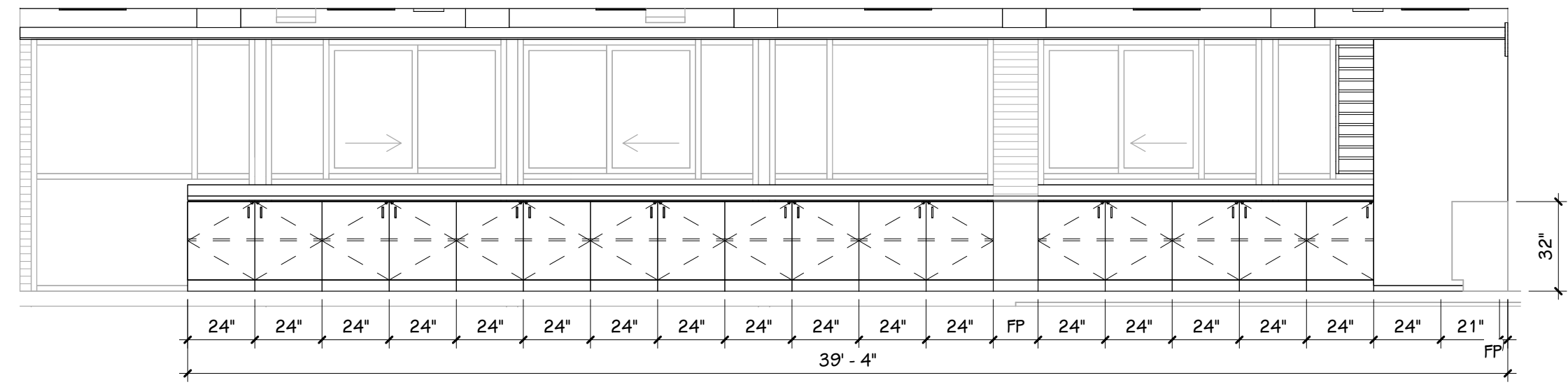
KEY PLAN
SCALE: NO SCALE

LEVEL 1 INTERIOR FINISH PLAN - UNIT K
3/32" = 1'-0"

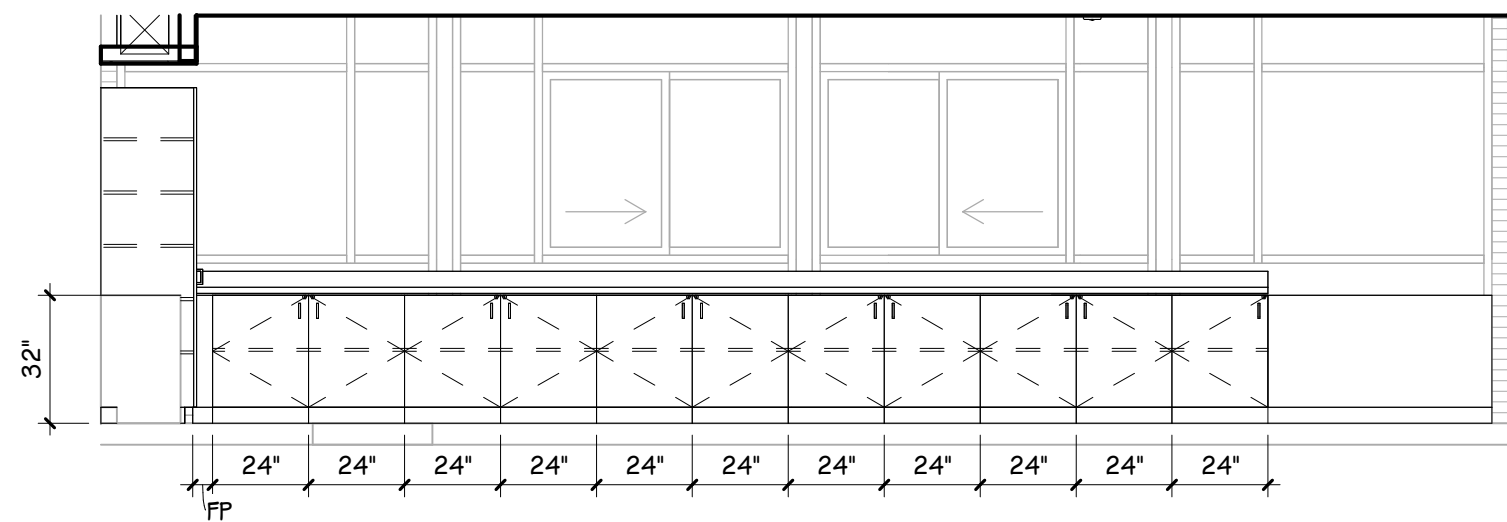
SHEET TITLE
LEVEL 1 FINISH PLAN - UNIT K

DATE
SEPTEMBER 16, 2024

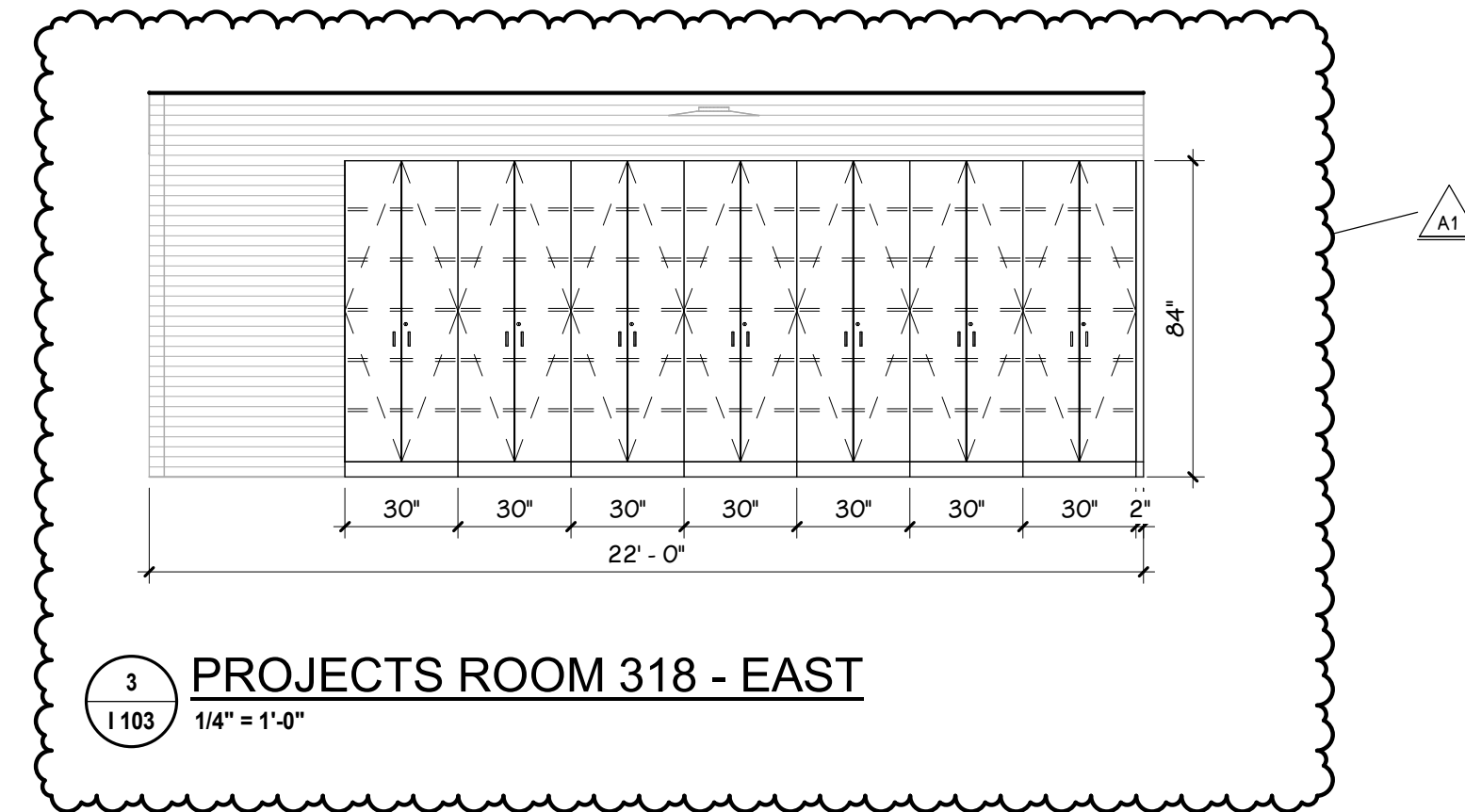
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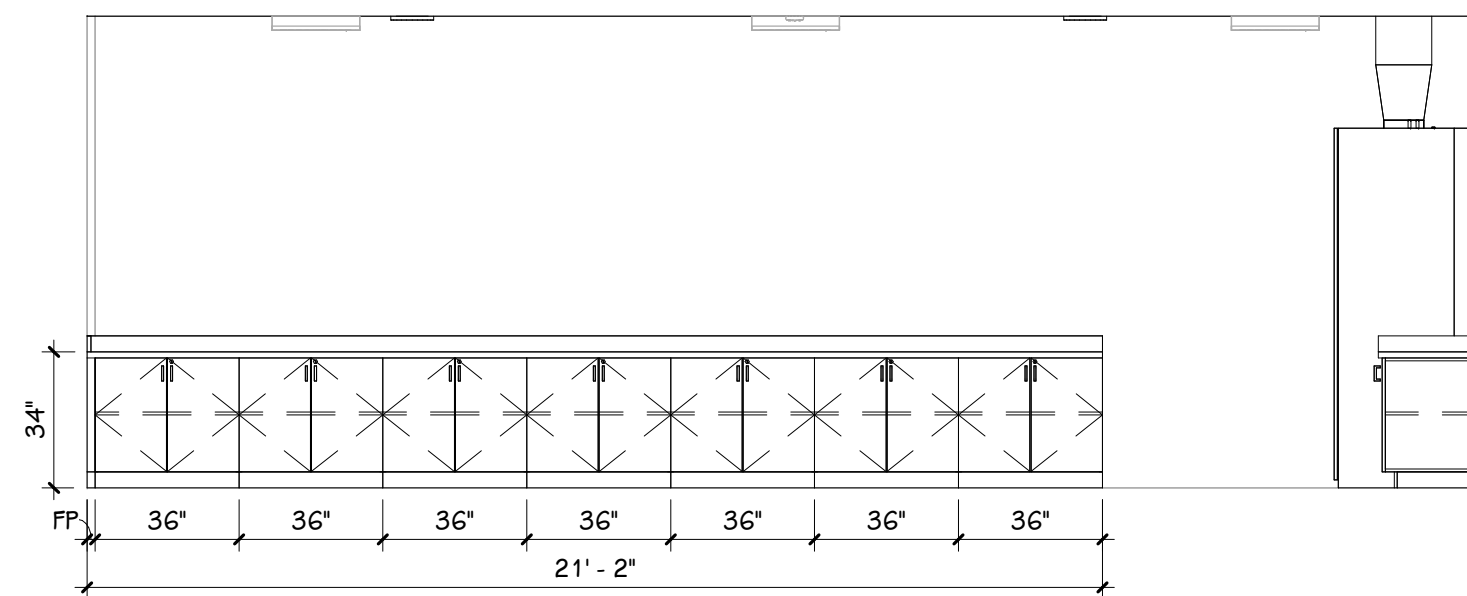
1 CLASSROOM K-17 - WEST
1/4" = 1'-0"



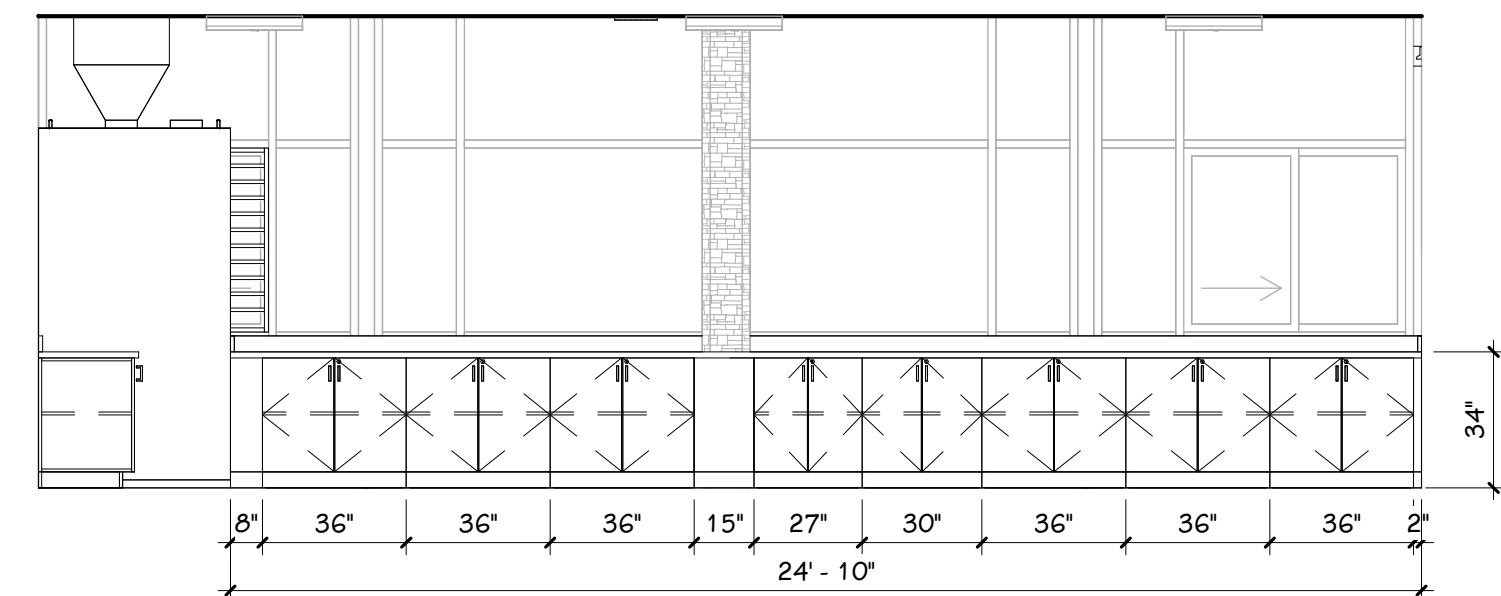
2 WORK ROOM 420 - WEST
1/4" = 1'-0"



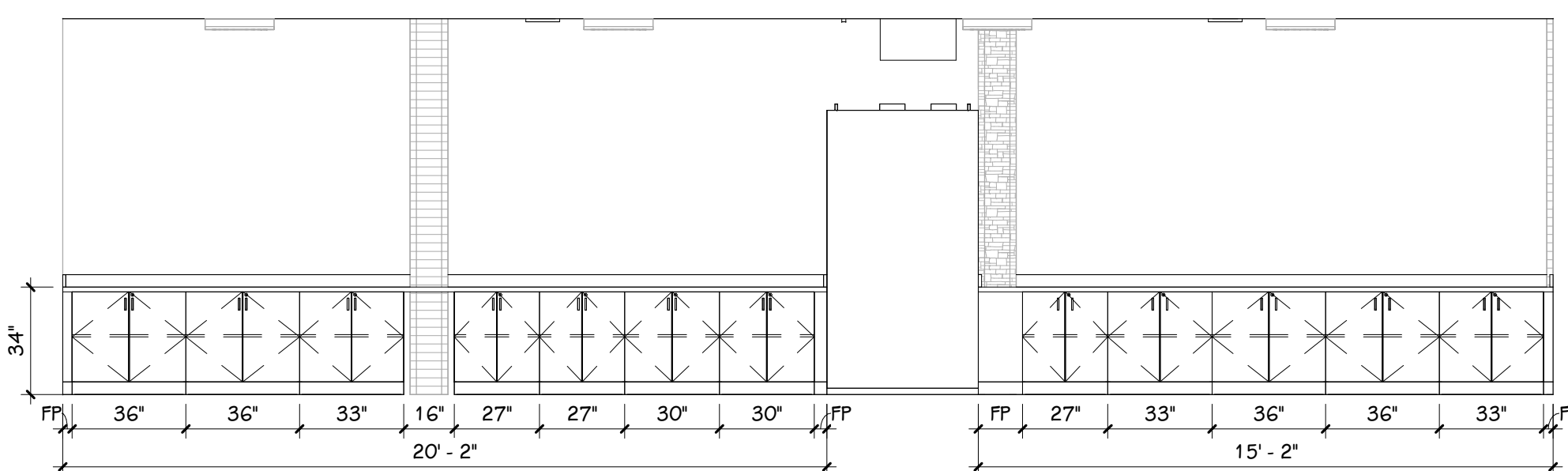
3 PROJECTS ROOM 318 - EAST
1/4" = 1'-0"



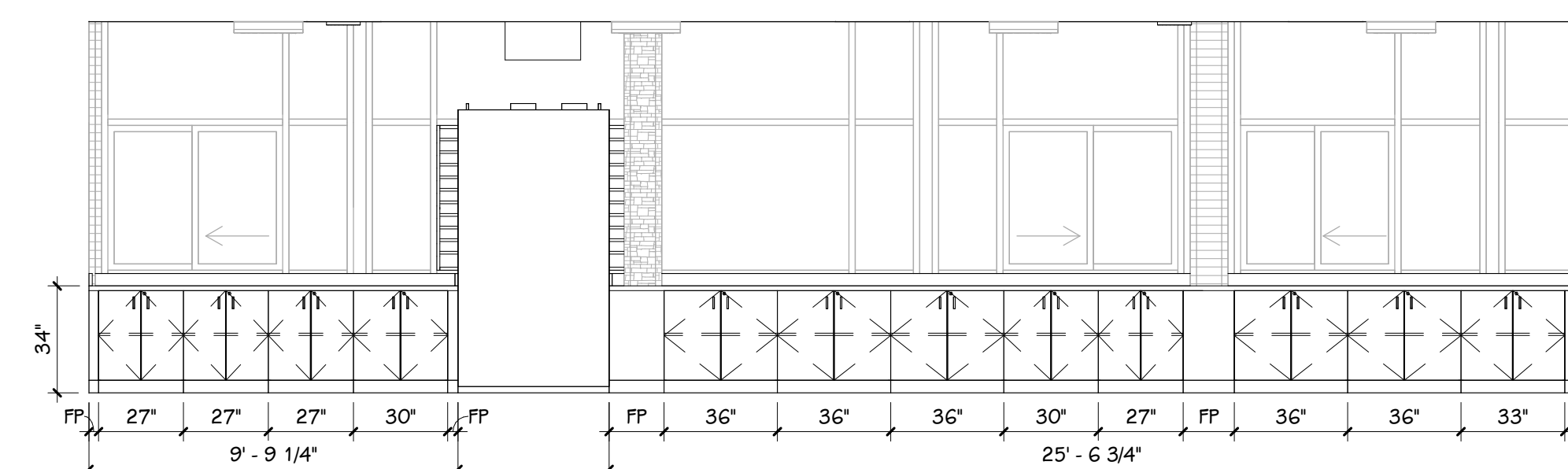
4 CLASSROOM K-4 - SOUTH
1/4" = 1'-0"



5 CLASSROOM K-4 - WEST
1/4" = 1'-0"



6 CLASSROOM K-5 CENTER - NORTH
1/4" = 1'-0"



7 CLASSROOM K-5 EAST - NORTH
1/4" = 1'-0"

NOTES - INTERIOR ELEVATIONS

- 1 REFER TO FINISH PLANS FOR CALLOUTS OF MILLWORK OR ENLARGED FINISH PLANS FOR SCOPE NOT COVERED WITHIN INTERIOR ELEVATIONS.
- 2 REFER TO PATTERN ELEVATIONS FOR COLOR-BLOCKING AND PATTERNED INSTALLATION DETAILS OF PAINT AND ACOUSTICAL WALL PANELS.
- 3 REFER TO FINISH PLANS FOR VISUAL DISPLAY BOARD AND CORNER GUARD TAGS.
- 4 NOT ALL MATERIALS ARE ILLUSTRATED, REFER TO FINISH PLANS AND TYPICAL DETAILS FOR ADDITIONAL INFORMATION.

NOTES - CASEWORK

- 1 VERIFY ALL DIMENSIONS IN THE FIELD PRIOR TO FABRICATION.
- 2 FILLER PANELS SHALL BE NO LESS THAN 2" WIDE, UNLESS NOTED OTHERWISE.
- 3 REFER TO FLOOR FINISH PLANS FOR CASEWORK AND COUNTERTOP FINISHES BY ROOM.
- 4 FINISH ANY EXPOSED END PANELS, UNDERSIDE OF CABINETS OR OPEN CABINETS, WITH PLASTIC LAMINATE SPECIFIED FOR FRONTS IN THAT ROOM.
- 5 ALL VERTICAL AND HORIZONTAL AND SEMI-EXPOSED SURFACES TO BE FINISHED WITH BODY PLASTIC LAMINATE.
- 6 SUPPORT BRACKETS ARE REQUIRED EVERY 36" O.C. AT AREAS WHERE COUNTERTOP IS OPEN UNDERNEATH. THE CONTRACTOR WILL BE RESPONSIBLE FOR PROVIDING BRACKETS APPROPRIATELY SIZED BASED ON DEPTH OF COUNTER.
- 7 PATTERN OR GRAIN DIRECTION TO BE VERTICAL ON DOORS AND HORIZONTAL DRAWERS - PER AWI STANDARDS, UNLESS NOTED OTHERWISE.
- 8 LOCKS TO BE PROVIDED WHERE SHOWN ON DRAWINGS, KEYED ALIKE.
- 9 GROMMET LOCATIONS SHALL BE VERIFIED IN THE FIELD WITH THE OWNER PRIOR TO INSTALLATION - COORDINATE WITH POWER & DATA LOCATIONS FOR ANY ADDITIONAL WIRE MANAGEMENT REQUIREMENTS.
- 10 'SLABSMITHING' WILL BE REQUIRED IN INSTANCES WHERE A PATTERNED SOLID SURFACE, QUARTZ, OR NATURAL STONE IS SPECIFIED.
- 11 WHERE CASEWORK IS INDICATED TO RECEIVE RESIDENTIAL APPLIANCES OR OWNER-FURNISHED EQUIPMENT, COORDINATE WITH FINAL OWNER-PROVIDED SELECTIONS.

CASEWORK HARDWARE & ACCESSORY SELECTIONS

- 1 PULL SELECTION & FINISH: BENT WIRE, NICKEL.
- 2 GROMMETS TYPE & FINISH, WHERE INDICATED.
- 3 SOLID SURFACE COUNTERTOP EDGE: BUILT UP 1-1/2" AND EASED.
- 4 SUPPORT BRACKET TYPES & FINISH: A AND M HARDWARE CONCEALED BRACKETS. SIZE AS REQUIRED, FINISH TO BE WHITE POWDERCOAT.

STANDARD ABBREVIATIONS - CASEWORK

ADJ	P/O
FP	BF
RF	HOLD

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LOY NORRIS HIGH SCHOOL MECHANICAL IMPROVEMENTS PROJECT

OWNER
KALAMAZOO PUBLIC SCHOOLS
Kalamazoo, Michigan

SHEET TITLE
INTERIOR ELEVATIONS

DATE
SEPTEMBER 16, 2024

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I 103
21-807.07