

Bid Addendum No. 1

March 28, 2025

City School District of New Rochelle – 2023 Capital Project – Phase 2A

CSArch Project No. 188-2301.02

SED Control Nos. 66-11-00-01-0-003-018; 66-11-00-01-0-004-016; 66-11-00-01-0-005-014; 66-11-00-01-0-012-014; 66-11-00-01-0-015-018



Architect's Seal

This Bid Addendum No. 1 forms part of the Contract Documents and modifies the original bidding documents dated March 14, 2025. Bid Addendum No. 1 consists of two (2) pages, four (4) specification Sections, eighteen (18) full-size drawings, and responses to written Bidder RFIs.

GENERAL INFORMATION

1. Bid Addendum No. 1 issued to all Bidders / Plan Holders on March 28, 2025.

REVISIONS TO THE PROJECT MANUAL

1. REPLACE Section **002113** Instructions to Bidders with the attached in its entirety.
2. REPLACE Section **004116.02** MC Bid Form Contract MC-02 with the attached in its entirety.
3. REPLACE Section **004116.05** SC Bid Form Contract SC-02 with the attached in its entirety.
4. REPLACE Section **093013** Ceramic Tiling with the attached in its entirety.

REVISIONS TO THE CONTRACT DRAWINGS

1. REPLACE sheet **IEYMS ED101** with the attached sheet in its entirety.
2. REPLACE sheet **IEYMS E101** with the attached sheet in its entirety.
3. REPLACE sheet **HBE PD101** with the attached sheet in its entirety.
4. REPLACE sheet **HBE ED101** with the attached sheet in its entirety.
5. REPLACE sheet **HBE E102** with the attached sheet in its entirety.
6. REPLACE sheet **HBE E102** with the attached sheet in its entirety.
7. REPLACE sheet **CES AD601** with the attached sheet in its entirety.
8. REPLACE sheet **CES A601** with the attached sheet in its entirety.
9. REPLACE sheet **CES AF001** with the attached sheet in its entirety.
10. REPLACE sheet **CES ED101** with the attached sheet in its entirety.
11. REPLACE sheet **CES E101** with the attached sheet in its entirety.
12. REPLACE sheet **CES E102** with the attached sheet in its entirety.
13. REPLACE sheet **TES E101** with the attached sheet in its entirety.
14. REPLACE sheet **DWE PD101** with the attached sheet in its entirety.
15. REPLACE sheet **DWE P101** with the attached sheet in its entirety.
16. REPLACE sheet **DWE P102** with the attached sheet in its entirety.
17. REPLACE sheet **DWE E101** with the attached sheet in its entirety.
18. REPLACE sheet **DWE E102** with the attached sheet in its entirety.

RESPONSES TO WRITTEN BIDDER QUESTIONS

1. What is the engineer's estimate, or project budget, or a bid range for this project? This facilitates/expedites bid security procurement. **RESPONSE: Budgets will not be provided.**

2. Please confirm the School District will pay for all testing & inspections. **RESPONSE: Confirmed. Refer also to Section 011200 for required notice to Construction Manager by Prime Contractor in order to coordinate testing agent's availability.**
3. Please clarify why three of the items on the division breakdown on page 4 of the bid form for Contract SC-02 are highlighted. **RESPONSE: Refer to Bid Addendum 1.**
4. Section 11 of the SC-02 bid form states that a Subcontractor List must be attached to the bid proposal, however section 4.3-E of the Instructions to Bidders does not indicate a subcontractor list is required. Please clarify if a subcontractor list must be submitted with the bid...and if not including such with the bid is grounds for rejection of the bid. **RESPONSE: Refer to Bid Addendum 1. Per Section 002113, the Owner reserves the right to disqualify incomplete Bids.**
5. Section 4.3-E of the Instructions to Bidders states bid proposals must be submitted in duplicate. Would not submitting a proposal in duplicate be grounds for rejection of a bid? **RESPONSE: Sealed Bids must be provided in duplicate. Per Section 002113, the Owner reserves the right to disqualify incomplete Bids.**

END OF BID ADDENDUM NO. 1

DOCUMENT 002113 - INSTRUCTIONS TO BIDDERS – REVISED PER BID ADDENDUM 1

PART 1 – DEFINITIONS

- A. Bidding Documents include the Bidding Requirements and the proposed Contract Documents. The Bidding Requirements consist of the Invitation to Bid, Instruction to Bidders, the Bid Form, Supplementary Bid Forms and other sample bidding and contract forms.
- B. The proposed Contract Documents include the Contract Forms between the Owner and Contractor, Contractor's executed Bid Form and executed Supplementary Bid Forms, Conditions of the Contract (General, supplemental, and other Conditions), Drawings, Specifications and all Addenda issued prior to execution of the Contract.
- C. Definitions set forth in the General Conditions of the Contract of Construction, or in other Contract Documents are applicable to the Bidding Documents.
- D. Addenda are written or graphic instruments issued by the Architect prior to the execution of the Contract which modify or interpret the Bidding Documents by additions, deletions, clarifications or corrections.
- E. A Bid is a complete and properly executed proposal to do the Work for the sums stipulated therein, submitted in accordance with the Bidding Documents.
 - 1. Wherever the word "Bid" occurs in the documents, it refers to the Bidder's Proposal.
- F. The Base Bid is an amount stated in the Bid for which the Bidder offers to perform the Work described in the Bidding Documents.
- G. An Alternate is an amount stated on the Bid Form to be added to or deducted from the amount of the Base Bid if the corresponding change in the Work, as described in the Bidding Documents, is accepted.
- H. A Unit Price is an amount stated on the Bid Form as a price per unit of measurement for materials, equipment for services or a portion of the Work as described in the Bidding Documents.
- I. A Bidder is a person or entity who submits a Bid and who meets the requirements set forth in the Bidding Documents.
 - 1. A Sub-bidder is a person or entity who submits a Bid to a Bidder for materials, equipment, or labor for a portion of the Work.

PART 2 – BIDDER'S REPRESENTATIONS

- A. The Bidder by making a Bid represents that:
1. The Bidder has read and understands the Bidding Documents, to the extent that such documentation relates to the Work for which the Bid is submitted, and for other portions of the Project, if any, being Bid concurrently or presently under construction.
 2. The Bid is made in compliance with the Bidding Documents.
 3. The Bidder has visited the site, become familiar with local conditions under which the Work is to be performed and has correlated the Bidder's personal observations with the requirements of the proposed Contract Documents.
 - a. Bidders may visit the existing facilities by making prior arrangements with Keith Watkins, Director of Facilities at 914-576-4222.
 4. The Bid is based upon the materials, equipment and systems required by the Bidding Documents without exception.
 5. No official, officer or agent of the Owner is authorized to make any representations as to the materials or workmanship involved or the conditions to be encountered and the Bidder agrees that no such statement or the evidence of any documents or plans, not a part of the Bidding Documents, shall constitute any grounds for claim as to conditions encountered. No verbal agreement or conversation with any officer, agent, or employee of the Owner either before or after the execution of this Contract shall affect or modify any of the terms or obligations herein contained.
- B. Each Bidder is required to form an individual opinion of the quantities and character of construction work by personal examination of the site and all existing facilities where the project work is to be done, and of the plans and specifications relating to it by such means as is preferred. Each Bidder shall inspect accessible concealed areas of existing construction, provided no significant permanent damage is inflicted upon the property. Lack of knowledge about conditions in accessible concealed areas shall not be the basis for additional cost claims at a later time.
- C. The Bidder's attention has been directed to the fact that all applicable state laws, municipal ordinances, and rules and regulations of all authorities having jurisdiction over construction of the Project shall apply to the Contract throughout, and they are deemed to be included in the Contract Documents the same as though herein written out in full. By submitting a Bid, the Bidder acknowledges that if awarded the Contract it shall give all notices and comply with all laws, ordinances, rules, and regulations bearing on the conduct of the Work as drawn and specified in the Contract Documents. By submitting a Bid,

the Bidder acknowledges that if awarded the Contract it shall be required to observe all laws and ordinances including, but not limited to, relating to the obstructing of streets, maintaining signals, keeping open passageways, and protecting them where exposed to danger, and all general ordinances affecting it, its employees, or its work hereunder in its relations to the Owner or any person. By submitting a Bid, the Bidder acknowledges that if awarded the Contract it shall also obey all laws and ordinances controlling or limiting the Contractor while engaged in the prosecution of the Work under the Contract.

- D. The Bidder's attention is directed to the fact that Each Contractor shall pay not less than the minimum hourly wage rates on those contracts as established in accordance with Section 220 of the Labor Law as shown in the schedule included in the Bidding Documents. Article 8, Section 220 of the Labor Law, as amended by Chapter 750 of the Laws of 1956, provides (among other things) that it shall be the duty of the fiscal officer to make a determination of the schedule of wages to be paid to all laborers, workers and mechanics employed on public work projects, including supplements for welfare, pension, vacation, and other benefits. These supplements include hospital, surgical or medical insurance, or benefits; life insurance or death benefits; accidental death or dismemberment insurance; and pension or retirement benefits. If the amount of supplements provided by the employer is less than the total supplements shown on the wage schedule, the difference shall be paid in cash to the employee. Article 8, Section 220 of the Labor Law, as amended by Chapter 750 of the Laws of 1956, also provides that the supplements to be provided to laborers, workers, and mechanics upon public work, "...shall be in accordance with the prevailing practices in the locality...." The amount for supplements listed on the enclosed schedule does not necessarily include all types of prevailing supplements in the locality, and a future determination of the Industrial Commissioner may require the Contractor to provide additional supplements. The original payrolls or transcripts shall be preserved for three (3) years from the completion of the Work on the awarded project by the Contractor. The Owner shall receive such payroll record upon completion of the Project.

PART 3 – BIDDING DOCUMENTS

3.1 COPIES

- A. It is the intention of this Project to be both environmentally and fiscally conscious of paper use and consumption. Therefore, documents will be distributed as digital sets in PDF format. Bidding Documents, Drawings, and Specifications, may be viewed online free of charge beginning on **03/14/2025**, at

www.csarchplanroom.com under Public Projects or electronically downloaded for a non-refundable charge of one-hundred dollars (\$100.00.)

1. Please note, in order to access online documents and information, a log in is required. New users can create a free online account upon visiting site by clicking "Register for an Account."
- B. Complete sets of Bidding Documents, Drawings, and Specifications, in PDF format (not CAD format) on compact disc (CD) may be obtained from Rev, 28 Church Street, Unit #7, Warwick, NY 10990 Tel: (877) 272-0216, upon depositing the sum of one hundred dollars (\$100.00) for each combined set of documents. Checks or money orders shall be made payable to City School District of the City of New Rochelle.
 1. Deposit is refundable in accordance with the terms in the Instructions to Bidders to all submitting bids. Any Bidder requiring CD(s) to be shipped shall make arrangements with the printer and pay for all packaging and shipping costs.
 2. Any Bidder requiring paper copies of the Bidding Documents, Drawings, and Specifications, shall make arrangements with the printer, and pay for all printing, packaging, and shipping costs. Such costs are non-refundable.
- C. All Bid Addenda will be transmitted to registered plan holders via email in PDF format and will be available at www.csarchplanroom.com. Plan holders who have paid for CDs or hard copies of the Bidding Documents will need to make the determination if hard copies of the Addenda are required for their use, and coordinate directly with the printer for hard copies of Addenda to be issued.
 1. There will be no charge for registered plan holders to obtain hard copies of the Bid Addenda.
- D. Bidders shall use complete sets of Bidding Documents in preparing Bids; neither the Owner nor Architect assumes responsibility for errors or misinterpretations resulting from the use of incomplete sets of Bidding Documents.
- E. The Owner and Architect may make copies of the Bidding Documents available on the above terms for the purpose of obtaining Bids on the Work. No license or grant of use is conferred by issuance of copies of the Bidding Documents.

3.2 INTERPRETATION OR CORRECTION OF BIDDING DOCUMENTS

- A. The Bidder shall carefully study and compare the Bidding Documents with each other, and with other work being Bid concurrently or presently under construction to the extent that it relates to the Work for which the Bid is

submitted, shall examine the site and local conditions, and shall at once report to the Architect errors, inconsistencies or ambiguities discovered. All reports to the Architect shall be in writing.

- B. No interpretation of the meaning of the Contract Documents, the existing conditions, or of the scope of Work will be made verbally. Provide every request for such interpretation in writing, addressed to CSArch, attn: Matthew Zyrkowski, 19 Front Street, Newburgh, New York 12550, or by e-mail: mzyrkowski@csarchpc.com, and to be given consideration must be received at least seven (7) working days prior to the date of the Bid Opening.
- C. Interpretations, corrections, and changes of the Bidding Documents will be made by Addendum. Interpretations, corrections, and changes of the Bidding Documents made in any other manner will not be binding, and Bidders are not required to rely upon them.
- D. The Bidding Documents for this Project have been prepared using certain existing construction documents furnished by the Owner, which pertain to the construction of the existing conditions, and limited observations obtained by the Architect at the Project site.
 - 1. More extensive investigations of existing conditions, including disassembly, or testing of existing building components, was not undertaken by the Architect.
 - 2. Portrayal of such existing conditions obscured or concealed from the Owner or Architect's view prior to the start of this Project's construction activities, is based on reasonable implications and assumptions. The Owner and Architect do not imply or guarantee to the Bidders, in any way, that such portrayals are accurate or true existing conditions.
- E. In the absence of an interpretation by the Architect, should the Drawings disagree in themselves or with the Specifications, the better quality, the more costly or the greater quantity of work or materials shall be estimated upon, and unless otherwise determined, shall be furnished.

3.3 EQUIVALENTS

- A. The materials, products and equipment described in the Bidding Documents establish as standard of required function, dimension, appearance, and quality to be met by any proposed substitution and/or comparable product/equivalent. It is not the intention of the Owner or Architect to eliminate from consideration products that are equivalent in quality, appearance, and function to those specified.

- B. In the specifications, two or more kinds, types, brands, or manufacturers or materials may be named. They shall be regarded as the required standard of quality, and overall, are judged to be equivalent by the Architect. The Bidder may select one of these named items as the basis for its Bid. If a Bidder proposes to use comparable products/equivalents other than those listed in the Project Manual, submit in accordance with subparagraph C below.
- C. No substitution will be considered prior to receipt of Bids unless written request for approval on a Substitution Request (During the Bidding Phase) Form (Section 004325) has been received by the Architect at least ten (10) days prior to the date for receipt of Bids. Such requests shall include the name of the material or equipment for which it is to be substituted and a complete description of the proposed substitution including drawings, performance and test data, and other information necessary for an evaluation. A statement setting forth changes in other materials, equipment, or other portions of the Work, including changes in the work of other contracts that incorporation of the proposed equivalent would require, shall be included. The burden of proof of the merit of the proposed equivalent is upon the proposer. The Architect's decision of approval or disapproval of a proposed equivalent shall be final.
- D. If the Architect approves a proposed equivalent prior to receipt of Bids, such approval will be set forth in an Addendum. Bidders shall not rely upon approvals made in any other manner.
- E. No substitutions will be considered after the Contract award unless specifically provided for in the Contract Documents.

3.4 ADDENDA

- A. Addenda will be transmitted to all that are known to have received a complete set of Bidding Documents. All such addenda shall become part of the Contract Documents and all Bidders shall be bound by such Addenda whether or not received by the Bidders.
 - 1. Provide Bidding Document distributor with full company name, address, telephone, and facsimile numbers and contact person's name.
- B. Copies of Addenda will be made available for inspection wherever Bidding Documents are on file for that purpose.
- C. Addenda will not be issued later than five (5) working days prior to the time specified for receipt of Bids, except any Addendum withdrawing the request for Bids or one which includes postponement of the time for receipt of Bids.

- D. Each Bidder shall ascertain upon submitting a Bid that the Bidder has received all Addenda issued, and the Bidder shall acknowledge their receipt on the Bid Form.

3.5 TAX LIABILITY

- A. Bidders are exempt from payment of manufacturer's excise taxes for materials purchased for the exclusive use of the Owner, provided that manufacturer has complied with rules and regulation of the Commissioner of Internal Revenue Service.
- B. New York State Sales Tax does not apply to this Project. Contractors are exempt from payment on purchase of materials for the execution of this Contract and such taxes shall not be included in Bids. Exemption Certificates will be provided upon request.
- C. All other taxes shall be included in the Bid.

3.6 PRE-BID CONFERENCE

- A. There will be a Pre-Bid Conference as detailed in the Invitation to Bidders. A lack of representation at the Pre-bid Conference will not be justification for additional costs due to unforeseen conditions during the construction phases of the Contracts.
- B. All Bidders shall be prepared to attend a Bid Leveling meeting within 48 hours of the Bid opening. Failure to attend could result in disqualification.

PART 4 – BIDDING PROCEDURES

4.1 PREPARATION OF BIDS

- A. Bids shall be submitted on forms identical to the Bid Forms contained in this Project Manual, or submitted using unaltered and legible copies thereof.
- B. All blanks on the Bid Form shall be legible executed in a non-erasable medium. No Bid will be considered which does not include bids for all items listed in the proposal sheets.
- C. Sums shall be expressed in both words and figures. In case of discrepancy, the amount written in words shall govern. If there is a difference between the numerical values shown on the schedule of values or total base bid, the lower value shall govern.

- D. Interlineations, alterations, and erasures must be initialed by the signer of the Bid.
- E. Bid all requested alternates. If no change in the Base Bid is required, enter "No Change."
- F. Each copy of the Bid shall state the legal name of the Bidder and the nature of legal form of the Bidder. The Bidder shall provide evidence of legal authority to perform within the jurisdiction of the Work. Each Bid copy shall be signed by the person or persons legally authorized to bind the Bidder to a Contract. A Bid by a corporation shall further give the state of incorporation and have the corporate seal affixed. A Bid submitted by an agent shall have a current power of attorney attached certifying the agent's authority to bind the Bidder.
- G. Where two or more Bids for designated portions of the Work have been requested, the Bidder may, without forfeiture of the bid security, state the Bidder's refusal to accept award of less than the combination of Bids stipulated by the Bidder. The Bidder shall make no additional stipulations on the bid form nor qualify the Bid in any other manner.
- H. The Owner may consider as informal any Bid on which there is an alteration of or departure from or additions to or qualification of the Bid Form or from the any of the other Contract Documents. The Owner may reject a Bid, which in the Owner's sole view, is not adequately filled out, or does not contain the requested information.

4.2 BID SECURITY

- A. Each Bid must be accompanied by a certified bank check of the Bidder, or a Bid Bond prepared by a surety company licensed in New York State.
 - 1. Bid Security shall be provided in the amount of five (5) percent of the dollar amount of the Base Bid.
 - 2. Bid Security shall be payable to City School District of the City of New Rochelle.
 - 3. If certified check is utilized, the Bidder shall provide written confirmation from a licensed New York State Surety company that Performance and Payment Bonds will be available to said Bidder for this Project.
 - 4. The apparent low Bidders, upon failure or refusal to furnish the required Performance and Payment Bonds and execute a Contract within ten (10) calendar days after receipt of notice of the acceptance of Bid, shall forfeit the Bid Security as liquidated damages for such failure or refusal, and not as a penalty.
 - 5. The successful Bidders shall have the Bid Security returned upon execution of an Owner/Contractor Agreement.

6. Unsuccessful Bidders shall have their Bid Security returned following the execution of the Owner/Contractor Agreements or the forty-five (45) day period following the Bid Opening, whichever occurs first.
 7. The Bid Security shall not be forfeited to the Owner in the event the Owner fails to comply with subparagraph 6.2.
 8. If the owner determines the lowest bidder to be non-responsible or identifies discrepancies in their bid, the bidder will be given one opportunity to withdraw their bid. If the Owner issues a disqualification letter, the bidder will forfeit their bid security.
- B. Surety Bond shall be written on AIA Document A310, Bid Bond, and the attorney-in-fact that executes the bond on behalf of the surety shall affix to the bond a certified and current copy of the power of attorney.
- C. The Owner will have the right to retain the Bid Security of Bidders to whom an award is being considered until either:
1. The Contract has been executed and bonds, when required, have been furnished, or;
 2. The specified time has elapsed so that Bids may be withdrawn or;
 3. All Bids have been rejected.

4.3 SUBMISSION OF BIDS

- A. All copies of the Bid, the Bid Security, and any other documents required to be submitted with the Bid shall be enclosed in a sealed opaque envelope. The envelope shall be addressed to the party receiving the Bids and shall be identified with the Project name, the Bidder's name, and address and, if applicable, the designated Contract for which the Bid is submitted. If the Bid is sent by mail, the sealed envelope shall be enclosed in a separate mailing envelope with the notation "SEALED BID ENCLOSED" on the face thereof.
1. If Bidder submits for different Contracts, each shall be submitted individually and so labeled for that Contract.
- B. Bids shall be deposited at the designated location prior to the time and date indicated in the Invitation to Bidders for the receipt of Bids. Bids received after the time and date for receipt of Bids will be returned unopened.
1. The Bidder shall assume full responsibility for timely delivery at the location designated for receipt of Bids.
 2. Oral, telephonic, telegraphic, facsimile, or other electronically transmitted Bids will not be considered.

- C. Bids not exhibiting original signatures or seals will not be accepted as a responsive Bid.
- D. NYSDOL Registration Information for Public Work Contractors: Starting December 31, 2024, all Prime Contractors submitting Bids or performing construction work on public work projects or private projects covered by Article 8 of the Labor Law are required to register with the New York State Department of Labor (NYSDOL) under Labor Law Section 220-i. In accordance with these requirements, Bidders must submit a copy of their valid Certificate of Registration with their Bid. Applications for registration cannot be accepted as a substitute and a Bid not accompanied by a valid NYS Department of Labor Certificate of Registration is subject to rejection.
- E. Bids shall be submitted in duplicate. Executed forms required for each submitted Bid are as follows to be considered a complete bid:
 - 1. Bid Form (all costs are to be filled out).
 - 2. Unit Prices.
 - 3. Substitution List.
 - 4. **Subcontractor List.**
 - 5. Corporate Resolutions.
 - 6. Non-Collusion Affidavit.
 - 7. Iran Divestment Act Certification.
 - 8. Bid Security.
 - 9. Sexual Harassment Written Policy & Training Certification Form.
 - 10. NYSDOL – Certificate of Registration.

4.4 MODIFICATION OR WITHDRAWAL OF BID

- A. A Bid may not be modified, withdrawn, or canceled by the Bidder during the stipulated time period following the time and date designated for the receipt of Bids, and each Bidder so agrees in submitting a Bid. No Bidder may withdraw a Bid within the forty-five (45) day period following the time of the Bid Opening or be subject to forfeiture of the bid security.
- B. Prior to the time and date designated for receipt of Bids, a Bid submitted may be modified or withdrawn by notice to the party receiving Bids at the place designated for receipt of Bids. Such notice shall be in writing over the signature of the Bidder. Written confirmation over the signature of the Bidder shall be received, and date and time-stamped by the receiving party on or before the date and time set for receipt of Bids. A change shall be so worded as not to reveal the amount of the original Bid.

- C. Withdrawn Bids may be resubmitted up to the date and time designated for the receipt of Bids provided that they are then fully in conformance with these Instructions to Bidders.
- D. Negligence on the part of the Bidder in preparing its Bid confers no right for the withdrawal of the Bid after it has been opened. If a Bidder claims to have made a mistake or error in its Bid, it shall deliver to the Architect within three (3) days after the Bid Opening, a written notice describing in detail the nature of the claimed mistake or error with documentary evidence or proof (including, but not limited to, bid worksheets, summary sheets and other bid related data requested of it). Failure to deliver notice and evidence or proof specified above within the specified time shall constitute a waiver of the Bidder's right to claim an error or mistake. Upon receipt of specified notice and evidence or proof within the specified time period, the Architect and Owner shall determine if an excusable error or mistake has been made; and, if so, the Owner may permit the Bid to be withdrawn. The Owner's determination of whether a Bidder made an excusable error or mistake shall be conclusive on the Bidder, its Surety, and all the claim rights under the Bidder.

PART 5 – CONSIDERATION OF BIDS

5.1 OPENING OF BIDS

- A. The properly identified Bids received on time will be publicly opened and will be read aloud. **Bids will be opened at 11:00 AM on April 11, 2025 at City Hall, Floor 2, Carew Room, 515 North Avenue, New Rochelle, 10801.** An abstract of the Bids may be made available to Bidders. The Owner reserves the right to postpone the date and time of the opening of Bids at any time prior to the date and time listed in the Advertisement or Invitation to Bid.

5.2 REJECTION OF BIDS

- A. The Owner shall maintain the right to reject any or all Bids. A Bid not accompanied by the required Bid Security or by other data required by the Bidding Documents, or which is in any way incomplete, or irregular is subject to rejection.
- B. If identical bids are received and these bids are or become the low Bids, the Owner reserves the right to award the Contract on the basis of the relative quality of the product or products as shown by similar work done elsewhere, and it is mutually agreed that the Owner's judgment shall be final.

- C. In order to qualify as a Contractor satisfactory to the Owner, each Bidder shall document to the satisfaction of the Owner that it has the skill and experience as well as the necessary facilities, ample financial resources, and adequate laborers and equipment to do the Work in a satisfactory manner and within the time specified. Bidders may be judged qualified only for the type of work in which they demonstrate competence. Bidders must prove to the satisfaction of the Owner that they are reputable, reliable, and responsible. The Owner may make any investigation it deems necessary to assure itself of the ability of the Bidder to perform the Work, and the Bidder shall furnish the Owner with all such additional information and data for this purpose as may be requested. In addition to the general reservation of rights to reject any and all bids, the Owner specifically reserves the right to reject any Bid of any Bidder if the evidence submitted by, or investigation of such Bidder fails to satisfy the Owner that such Bidder is properly qualified to carry out the obligations of the Contract Documents and to complete the Work contemplated therein.
- D. The Owner reserves unto itself the sole right to determine the lowest qualified and responsible Bidder. The Owner may make any investigation necessary to determine the ability of the Bidder to fulfill the Contract and the Bidder shall furnish the Owner with all such information for this purpose as the Owner may request. Without limiting the general rights which the Owner has to reject Bids, as herein before set forth, in determining the lowest responsible Bidder, the following considerations in addition to those above-mentioned will be taken into account. In determining the responsibility of a Bidder for a public works contract, the Owner shall consider whether the Bidder:
1. Maintains a permanent place of business;
 2. Has adequate plant and equipment to do the Work properly and expeditiously;
 3. Has the suitable financial ability to meet obligations required by the Work;
 4. Has appropriate technical ability and experience in institutional and commercial construction including experience in K-12 public school construction in New York State;
 5. Has performed Work of the same general type and the same scale called for under this Contract;
 6. Has previously failed to perform contracts properly or complete them on time;
 7. Is in a position to perform this Contract;
 8. Has habitually and without just cause neglected the payment of bills or otherwise disregarded its obligations to subcontractors, suppliers, or employees;
 9. Is eligible for full bonding capacity of its Contract;

10. Has been in business as the corporation, partnership, sole proprietorship or other business entity, in whose name the bid is submitted, continuously, for no less than the previous five (5) years performing or coordinating the Work which they are bidding on;
11. Is not currently involved in bankruptcy proceedings;
12. Is licensed to perform the Work it is bidding on in the jurisdiction the work will take place;
13. Is able to perform the work with manpower available to it;
14. Will employ a field superintendent with at least five (5) years' experience as a working field superintendent and capable of communicating in fluent English;
15. Has committed a willful violation of the New York State Prevailing Wage Laws within the last five years;
16. Has committed violations of safety and/or training standards as evidenced by a pattern of OSHA violations or the existence of willful OSHA violations;
17. Has committed any significant violation of the Worker's Compensation Law, including, but not limited to, the failure of the bidder to provide proof of worker's compensation or disability benefits coverage;
18. Has committed any criminal conduct involving violations of the Environmental Conservation Law or other federal or state environmental statutes or regulations;
19. Has committed any criminal conduct concerning formation of, or any business association with, an allegedly false or fraudulent Women's or Minority Business Enterprise (W/MBE), or any denial, decertification, revocation or forfeiture of W/MBE status by New York State;
20. Has been debarred by any agency of the U.S. Government; and
21. Has engaged in other conduct of so serious or compelling a nature that it raises questions about the responsibility of the bidder, including, but not limited to submission to the Owner of a false or misleading Statement of Bidder's Qualifications, or in some other form, in connection with a bid for or award of a contract.

5.3 AWARD OF BID

- A. It is the intent of the Owner to enter into separate Prime Contracts with the lowest responsive and responsible bidder, as those criteria are defined and interpreted under the laws of the State of New York regarding competitive bidding for public improvement projects, for each Prime Contract, provided the Bids are submitted in accordance with the requirements of the Bidding Documents and does not exceed the funds available. The Owner shall have the

right to waive informalities and irregularities in a Bid received and to accept the Bid which, in the Owner's judgment, is in the Owner's own best interest.

- B. The Owner shall have the right to accept Alternates in any order or combination, unless otherwise specifically provided in the Bidding Documents, and to determine the low Bidder on the basis of the sum of the Base Bid and Alternates accepted.
- C. The acceptance of a Bid will be a notice in writing signed by a duly authorized representative of the Owner by mail sent within forty-five (45) after the Bids have been opened and no other act of the Owner shall constitute the acceptance of a Bid. The acceptance of a Bid shall bind the successful Bidder to execute the Contract as provided hereinafter. The rights and obligations provided for in the Contract shall become effective and binding upon the parties only with its formal execution by the successful Bidder and the Owner.

PART 6 – POST-BID INFORMATION

6.1 CONTRACTOR'S QUALIFICATION STATEMENT

- A. Bidders to whom award of a Contract is under consideration shall submit to the Construction Manager, within three (3) calendar days, a properly executed AIA Document A305, Contractor's Qualification Statement, unless such statement has been previously required and submitted as a prerequisite to the issuance of Bidding Documents.
- B. The Owner shall have the right to take such steps as it deems necessary to determine the ability of the Bidder to perform its obligations under the Contract, and the Bidder shall furnish the Owner all such information and data for this purpose as the Owner may request. The right is reserved by the Owner to reject any Bid where an investigation of the available evidence or information does not satisfy the Owner that the Bidder is qualified and capable to carry out properly the terms of the Contract. The issuing of Bid Documents and acceptance of a Bidder's payment by the Owner shall not be construed as pre-qualification of that Bidder. If a Bidder is later discovered to have misrepresented or provided false or incorrect information with regard to any material party of the information submitted to the Owner, including but not limited to information regarding experience, debarment, claims, lawsuits, arbitrations, mediations, finances, license, contract termination, the Owner reserves the right to reject the Bid of such Bidder and, if a Contract has been awarded, it will become automatically voidable at the sole discretion and election of the Owner.

6.2 SUBMITTALS

- A. Within three (3) calendar days following the Bid Opening time, the apparent lowest Bidder, shall furnish to the Owner through the Construction Manager the following information:
 - 1. Contractor's Qualification Statement – AIA Document 305, 2020 edition.
 - 2. Material and Equipment List.
 - 3. Schedule of Values.
 - 4. Proposed Project Manager.
 - 5. Preliminary Project Schedule.
- B. Within fifteen (15) calendar days of CSDNR Board of Education approval, Prime Contractors must provide the following:
 - 1. Payment and Performance Bonds
 - 2. Insurance (ACCORD) in accordance with AIA A232
 - 3. Corporate Safety Plan
 - 4. Labor Rates (all classifications)
 - 5. Contact Directory
- C. The Bidder will be required to establish to the satisfaction of the Owner and Construction Manager the reliability and responsibility of the persons or entities proposed to furnish and perform the Work described in the Bidding Documents.
- D. Upon request only, the apparent second and third low Bidders shall be prepared to submit the information of paragraphs 6.1 and 6.2.A.
- E. Prior to the execution of the Contract, the Construction Manager will notify the Bidder in writing if either the Owner, Architect/Engineer, or Construction Manager, after due investigation, has reasonable objection to a person or entity proposed by the Bidder. If the Owner, Architect or Construction Manager has reasonable objection to a proposed person or entity, the Bidder may, at the Bidder's option, (1) withdraw the Bid or (2) submit an acceptable substitute person or entity. In the event of withdrawal or disqualification, Bid Security will not be forfeited.
- F. Persons and entities proposed by the Bidder and to whom the Owner and Construction Manager have made no reasonable objection must be used on the Work for whom they were proposed and shall not be changed except with the written consent of the Owner and Construction Manager.
- F. Any Bidder, upon failure to submit the information required in subparagraphs 6.1.A, 6.2.A, and 6.2.B in the allowed time, may have the Bid rejected. In that

event, the Bidder shall forfeit the Bid Security to the Owner as liquidated damages for such failure or refusal, and not as penalty.

6.3 BOND REQUIREMENTS

- A. The Owner requires the apparent successful Bidder to furnish and deliver bonds, covering the faithful performance of the Contract Work and payment of all obligations arising thereunder duly executed by the Bidder and a surety company licensed to do business in New York State rating.
- B. The premiums shall be included in the Bid and paid by the Contractor. The Bidder shall proportionally distribute the costs of such bonds between the Base Bid and any Alternates.

6.4 TIME OF DELIVERY AND FORM OF BONDS

- A. The Bidder shall deliver the required bonds to the Owner through the Construction Manager on or before the time of execution of the Owner/Contractor Agreement. Bonds shall be payable to **City School District of the City of New Rochelle**.
- B. Unless otherwise provided, the bonds shall be written on AIA Document A312, Performance Bond and Payment Bond, Version 2010. Both bonds shall be written in the amount of the Contract Sum.
- C. The bonds shall be dated the same as the Owner/Contractor Agreement.
- D. The Bidder shall require the attorney-in-fact who executes the required bonds on behalf of the surety to affix thereto a certified and current copy of the power of attorney.
- E. The surety for the performance and payments bonds shall be a duly authorized surety company, licensed to do business in the State of New York, and listed in the latest issue of U.S. Treasury Circular 570. The sufficiency of the surety and the bonds is subject to the approval of the Owner, and sureties and bonds that are deemed insufficient by the Owner may be rejected.

PART 7 – AGREEMENT FORM BETWEEN OWNER AND CONTRACTOR

- A. Standard Form of Agreement Between Owner and Contractor, Construction Manager as Adviser Edition – AIA Document A132-2019 Edition, as modified.

END OF DOCUMENT 002113

SECTION 004116.02 - BID FORM CONTRACT NO. 02 – Mechanical Construction (MC-02) –
REVISED PER BID ADDENDUM 1

BIDDER INFORMATION

CONTACT: _____

COMPANY: _____

ADDRESS: _____

TELEPHONE: () _____

FACSIMILE: () _____

BID TO (Owner): Attention: Purchasing Agent
City School District of the City of New Rochelle
515 North Avenue
New Rochelle, New York 10801

PRIME CONTRACT: Contract No. 02 Mechanical Construction (MC-02)

PROJECT TITLE: City School District of the City of New Rochelle
2023 Capital Project – Phase 2A

SED Project Control No. SED #66-11-00-01-0-003-018
SED #66-11-00-01-0-004-016
SED #66-11-00-01-0-005-014
SED #66-11-00-01-0-012-014
SED #66-11-00-01-0-015-018

CSArch PROJECT NO: 188-2301.02

1. **Representations:** By making this Bid, the Bidder represents that:

The Bidder (identified above) hereby certifies that they have examined and fully understands the requirements and intent of the Bidding and Contract Documents, including Drawings, Project Manuals, and Addenda; and proposes to provide all labor,

2. **Base Bid:** _____ (\$ _____)

Isaac E Young Middle School: _____ (\$ _____)

Henry Barnard School: _____ (\$ _____)

Columbus Elementary School: _____ (\$ _____)

Trinity Elementary School: _____ (\$ _____)

Daniel Webster Elementary School: _____ (\$ _____)

(Words) (Figures)

3. **Addenda:** The Bidder acknowledges receipt of the following Addendum:

No. _____ Dated: _____

No. _____ Dated: _____

6. Allowances:

- A. **\$5,000** Allowance for unforeseen conditions for Mechanical Construction Work at Isaac E Young Middle School.
- B. **\$18,000** Allowance for unforeseen conditions for Mechanical Construction Work at Henry Barnard School.
- C. **\$5,000** Allowance for unforeseen conditions for Mechanical Construction Work at Columbus Elementary School.
- D. **\$12,000** Allowance for unforeseen conditions for Mechanical Construction Work at Daniel Webster Elementary School.
- E. **\$4,000** Allowance for unforeseen conditions for Mechanical Construction Work at Trinity Elementary School.

004116.02 - 2

Section 003113 Preliminary Schedules.

8. **Rejection of Bids:** The Bidder acknowledges that the Owner reserves the right to waive any informality in, or to reject any or all Bids.
9. **Execution of Contract:** If notice of the acceptance of this Bid is mailed, telegraphed, or otherwise delivered to the undersigned within forty-five (45) days after the date of the Bid Opening, or any time thereafter, the undersigned will, within ten (10) working days after the receipt of the form of Agreement, execute and deliver the Contract.

10. **Signature:**

(Signature)

(Name – Printed)

(Title – Printed

(Date)

11. **Attachments:** Obtain and attach the following documents to each individual Bid.

- a. Corporate Resolution
- b. Non-Collusion Affidavit
- c. Iran Divestment Act Affidavit
- d. Bid Security
- e. Subcontractor List
- f. Substitution List
- g. Sexual Harassment Written Policy & Training Certification Form
- h. NYSDOL – Certificate of Registration

12. **Work Cost Breakdown:** This form shall be filled out and submitted by the Contractor. The grand total must equal the BASE BID under Section I (A) "THE BID". UNIT PRICES are required for the items listed in the Unit Prices section of the work cost breakdown. Unit prices will be provided for use if the required quantities are more or less than the quantities indicated in the plans and specifications. Failure to complete the work cost breakdown may result in the disqualification of the bid. As itemized in the "Instructions to Bidders" for a complete Bid Form include the following which must be filled out completely, failure to comply with any listed below bid will be a rejected bid:

- a. Bid Form, all costs must be shown in each CSI section and totaled, failure to breakdown these costs will be subject to disqualification of bid.
- b. Unit costs.

END OF SECTION 004116.02

Isaac E Young Middle School

Contract Number: Mechanical Construction 02 (MC-02)

Contract Titles: 2023 Capital Project – Phase 2A

Bidder:

Date:

* Refer to Section 012973 Schedule of Values for additional information

Item	Division	Description	QTY	Unit	Total
1	1	General Req'mnts (Submittals, Punchlist, etc.)			
2	1	012100 Allowances - Unforeseen Conditions	1	N/A	\$5,000
3	23	230500 Common Work Results for HVAC			
4	23	230505 Cutting and Patching			
5	23	230506 Penetration Firestopping for HVAC			
6	23	230511 Wiring of Mechanic Equipment			
7	23	230512 Motor Controls			
8	23	230523 Valves			
9	23	230529 Pipe Hangers and Supports			
10	23	230553 Pipe and Valve Identification			
11	23	230554 Duct and Equipment Identification			
12	23	230593 Cleaning and Testing			
13	23	230594 Balancing of Systems			
14	23	230713 Duct Insulation			
15	23	230719 Piping Insulation			
16	23	230923 Direct Digital Control System			
17	23	230993 Sequence of Operations for Controls			
18	23	232000 HVAC Piping			
19	23	232006 Hydronic Specifications			
20	23	232201 Steam Specialties			
21	23	232202 Steam Traps			
22	23	233113 Metal Ductwork			
23	23	233300 Ductwork Accessories			
24	23	233713 Diffusers, Registers, and Grilles			
25	23	233723 Roof Mounted Air Inlets and Outlets			
26	23	236000 Refrigeration			
27	23	238127 Ductless Split AC System			
28	23	238129 Variable Refrigerant Flow System			
29	23	238239 Unit Heaters			
30	23	238333 Electric Fin Radiation			

Total Base Bid: \$ _____

Henry Barnard School

Contract Number: Mechanical Construction 02 (MC-02)

Contract Titles: 2023 Capital Project – Phase 2A

Bidder:

Date:

* Refer to Section 012973 Schedule of Values for additional information

Item	Division	Description	QTY	Unit	Total
1	1	General Req'mnts (Submittals, Punchlist, etc.)			
2	1	012100 Allowances - Unforeseen Conditions	1	N/A	\$18,000
3	23	230500 General Mechanical Requirements			
4	23	230505 Cutting and Patching			
5	23	230506 Penetration Firestopping HVAC			
6	23	230511 Wiring of Mechanic Equipment			
7	23	230512 Motor Controls			
8	23	230523 Valves			
9	23	230529 Pipe Hangers and Supports			
10	23	230553 Pipe and Valve Identification			
11	23	230554 Duct and Equipment Identification			
12	23	230593 Cleaning and Testing			
13	23	230594 Balancing of Systems			
14	23	230713 Duct Insulation			
15	23	230719 Piping Insulation			
16	23	230923 Direct Digital Control System			
17	23	230993 Sequence of Operations for Controls			
18	23	232000 HVAC Piping			
10	23	232006 Hydronic Specifications			
20	23	232201 Steam Specialties			
21	23	232202 Steam Traps			
22	23	233113 Metal Ductwork			
23	23	233300 Ductwork Accessories			
24	23	233713 Diffusers, Registers, and Grilles			
25	23	233723 Roof Mounted Air Inlets and Outlets			
26	23	233730 Louvers			
27	23	23600 Refrigeration			
28	23	237200 Air-to-Air Energy Recovery Equipment			
29	23	238127 Ductless Split AC System			
30	23	238129 Variable Refrigerant Flow System			
31	23	238237 Finned Tube Radiation			
32	23	238239 Unit Heaters			
33	23	238333 Electric Fin Radiation			

Total Base Bid: \$

Columbus Elementary School

Contract Number: Mechanical Construction 02 (MC-02)

Contract Titles: 2023 Capital Project – Phase 2A

Bidder:

Date:

* Refer to Section 012973 Schedule of Values for additional information

Item	Division	Description	QTY	Unit	Total
1	1	General Req'mnts (Submittals, Punchlist, etc.)			
2	1	012100 Allowances - Unforeseen Conditions	1	N/A	\$5,000
3	23	230500 General Mechanical Requirements			
4	23	230505 Cutting and Patching			
5	23	230506 Penetration Firestopping HVAC			
6	23	230511 Wiring of Mechanic Equipment			
7	23	230512 Motor Controls			
8	23	230523 Valves			
9	23	230529 Pipe Hangers and Supports			
10	23	230553 Pipe and Valve Identification			
11	23	230554 Duct and Equipment Identification			
12	23	230593 Cleaning and Testing			
13	23	230594 Balancing of Systems			
14	23	230713 Duct Insulation			
15	23	230719 Piping Insulation			
16	23	230923 Direct Digital Control System			
17	23	230993 Sequence of Operations for Controls			
19	23	232000 HVAC Piping			
19	23	232006 Hydronic Specifications			
20	23	233113 Metal Ductwork			
21	23	233300 Ductwork Accessories			
22	23	233713 Diffusers, Registers, and Grilles			
23	23	233723 Roof Mounted Air Inlets and Outlets			
24	23	235413 Electric Cabinet Heaters			
25	23	23600 Refrigeration			
26	23	238127 Ductless Split AC System			
27	23	238129 Variable Refrigerant Flow System			
28	23	238239 Unit Heaters			
29	23	238333 Electric Fin Radiation			

Total Base Bid: \$ _____

Daniel Webster Elementary School

Contract Number: Mechanical Construction 02 (MC-02)

Contract Titles: 2023 Capital Project – Phase 2A

Bidder:

Date:

* Refer to Section 012973 Schedule of Values for additional information

Item	Division	Description	QTY	Unit	Total
1	1	General Requirements (Submittals, Punchlist, etc.)			
2	1	012100 Allowances - Unforeseen Conditions	1	N/A	\$12,000
3	23	230500 General Mechanical Requirements			
4	23	XXXXXX Mechanical Demolition			
5	23	230505 Cutting and Patching			
6	23	230506 Penetration Firestopping HVAC			
7	23	230511 Wiring of Mechanic Equipment			
8	23	230512 Motor Controls			
9	23	230523 Valves			
10	23	230529 Pipe Hangers and Supports			
11	23	230553 Pipe and Valve Identification			
12	23	230554 Duct and Equipment Identification			
13	23	230593 Cleaning and Testing			
14	23	230594 Balancing of Systems			
15	23	230713 Duct Insulation			
16	23	230719 Piping Insulation			
17	23	230923 Direct Digital Control System			
18	23	230993 Sequence of Operations for Controls			
19	23	232000 HVAC Piping			
20	23	232006 Hydronic Specifications			
21	23	233113 Metal Ductwork			
22	23	233300 Ductwork Accessories			
23	23	233713 Diffusers, Registers, and Grilles			
24	23	233723 Roof Mounted Air Inlets and Outlets			
25	23	23600 Refrigeration			
26	23	238127 Ductless Split AC System			
27	23	238129 Variable Refrigerant Flow System			
28	23	238333 Electric Fin Radiant Heaters			

Total Base Bid: \$

Trinity Elementary School

Contract Number: Mechanical Construction 02 (MC-02)

Contract Titles: 2023 Capital Project – Phase 2A

Bidder:

Date:

* Refer to Section 012973 Schedule of Values for additional information

Item	Division	Description	QTY	Unit	Total
1	1	General Requirements (Submittals, Punchlist, etc.)			
2	1	012100 Allowances - Unforeseen Conditions	1	N/A	\$4,000
3	23	230500 General Mechanical Requirements			
4	23	230505 Cutting and Patching			
5	23	230506 Penetration Firestopping HVAC			
6	23	230511 Wiring of Mechanic Equipment			
7	23	230512 Motor Controls			
8	23	230523 Valves			
9	23	230529 Pipe Hangers and Supports			
10	23	230553 Pipe and Valve Identification			
11	23	230554 Duct and Equipment Identification			
12	23	230593 Cleaning and Testing			
13	23	230594 Balancing of Systems			
14	23	230713 Duct Insulation			
15	23	230719 Piping Insulation			
16	23	230923 Direct Digital Control System			
17	23	230993 Sequence of Operations for Controls			
18	23	232000 HVAC Piping			
19	23	232006 Hydronic Specifications			
20	23	233113 Metal Ductwork			
21	23	233300 Ductwork Accessories			
22	23	233713 Diffusers, Registers, and Grilles			
23	23	233723 Roof Mounted Air Inlets and Outlets			
24	23	23600 Refrigeration			
25	23	238127 Ductless Split AC System			
26	23	238129 Variable Refrigerant Flow System			
27	23	238333 Electric Fin Radiation			

Total Base Bid: \$ _____

END OF SECTION 004116.02

BIDDER INFORMATION

FACSIMILE: ()

BID TO (Owner): Attention: Purchasing Agent
City School District of the City of New Rochelle
515 North Avenue
New Rochelle, New York 10801

PRIME CONTRACT: Contract No. 05 Sitework Construction (SC-02)

PROJECT TITLE: City School District of the City of New Rochelle
2023 Capital Project – Phase 2A

SED Project Control No. SED #66-11-00-01-0-005-014

CSArch PROJECT NO: 188-2301.02

1. **Representations:** By making this Bid, the Bidder represents that:

The Bidder (identified above) hereby certifies that they have examined and fully understands the requirements and intent of the Bidding and Contract Documents, including Drawings, Project Manuals, and Addenda; and proposes to provide all labor, material, and equipment necessary to complete the Work on, or before, the dates specified in the Agreement for the Base Bid of:

2. **Base Bid:** _____ (\$ _____)
(Words) (Figures)

In all locations sums shall be expressed in both words and figures. In case of discrepancy, written word governs.

3. **Addenda:** The Bidder acknowledges receipt of the following Addendum:

No. _____ Dated: _____

No. _____ Dated: _____

No. _____ Dated: _____

No. _____ Dated: _____

4. **Alternates:** None.

5. **Bid Security:** Attached hereto is Bid Security in the form of (circle correct form) Bid Bond, Certified Check, or Cash in the amount of five percent (5%) of the written Base Bid amount.

6. **Allowances:**

A. **\$75,000** Allowance for unforeseen conditions, including rock removal, for Site Work Construction at Columbus Elementary School.

7. **Time of Commencement and Completion:** The Bidder agrees to commence Work on the stipulated starting date(s) and will substantially complete the Work in accordance with the project schedule stipulated in Specification Section 011200 Multiple Contract Summary and Section 003113 Preliminary Schedules.

8. **Rejection of Bids:** The Bidder acknowledges that the Owner reserves the right to waive any informality in, or to reject any or all Bids.

9. **Execution of Contract:** If notice of the acceptance of this Bid is mailed, telegraphed, or otherwise delivered to the undersigned within forty-five (45) days after the date of the Bid Opening, or any time thereafter, the undersigned will, within ten (10) working days after the receipt of the form of Agreement, execute and deliver the Contract.

10. **Signature:**

(Signature)

(Name – Printed)

(Title – Printed

(Date)

11. **Attachments:** Obtain and attach the following documents to each individual Bid.

- a. Corporate Resolution
- b. Non-Collusive Bid Certification
- c. Iran Divestment Act Affidavit
- d. Bid Security
- e. Subcontractor List
- f. Substitution List
- g. Sexual Harassment Written Policy & Training Certification Form
- h. NYSDOL – Certificate of Registration

12. **Work Cost Breakdown:** This form shall be filled out and submitted by the Contractor. The grand total must equal the BASE BID under Section I (A) "THE BID". UNIT PRICES are required for the items listed in the Unit Prices section of the work cost breakdown. Unit prices will be provided for use if the required quantities are more or less than the quantities indicated in the plans and specifications. Failure to complete the work cost breakdown may result in the disqualification of the bid. As itemized in the "Instructions to Bidders" for a complete Bid Form include the following which must be filled out completely, failure to comply with any listed below bid will be a rejected bid:

- a. Bid Form, all costs must be shown in each CSI section and totaled, failure to breakdown these costs will be subject to disqualification of bid.
- b. Unit costs.

END OF SECTION 004116.05

Columbus Elementary School

Contract Number: Sitework Construction 05 (SC-02)

Contract Titles: 2023 Capital Project – Phase 2A

Bidder: _____

Date: _____

* Refer to Spec Section 012973 Schedule of Values for additional information

Item	Division	Description	QTY	Unit	Total
1	01	General Req'mnts (Submittals, Punch List, etc.)			
2	01	012600 Allowances - Unforeseen Conditions			\$75,000
3	02	024100 Demolition			
4	03	031000 Concrete Forming and Accessories			
5	03	032000 Concrete Reinforcing			
6	03	033000 Cast-In-Place Concrete			
7	04	042000 Unit Masonry			
8	04	045020 Cold (Hot) Weather Masonry			
9	05	055213 Pipe and Tube Railing			
10	07	079200 Joint Sealants			
11	10	101453 Traffic Signage			
12	31	311000 Site Clearing			
13	31	310100 Selective Tree Removal			
14	31	312000 Excavation and Fill			
15	31	312316 Rock Removal			
16	31	312319 Dewatering			
17	31	312500 Erosion and Sedimentation Control			
18	31	311216 Asphalt Paving			
19	32	321723 Pavement Marking			
20	32	323113 Chain Link Fence and Gate			
21	33	334100 Storm Drainage Piping			
22	33	334900 Storm Drainage Structures			

Total Base Bid: _____

Unit Prices

Contract Number: Sitework Construction (SC-02)

Contract Titles: 2023 Capital Project – Phase 2A

Bidder:

Date:

* Refer to Section 012200 Unit Prices for additional information

Unit Prices – Addition and Deduct Fee Schedule – All prices are Furnish and install

Item	Description	Unit	Unit Price - ADD	Detail Reference
	Excavation & Fill:			
1	Granular Fill (sand, gravel, stone blend)	CY		
2	Crushed Stone	CY		
	Demolition & Removals			
3	Rock Removal	CY		
	Reinforcement:			
5	Welded Wire Mesh	EA		
7	#04 Bar	LF		
	Concrete:			
11	4,500 PSI	CY		

END OF SECTION 004116.05

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SECTION 093013 - CERAMIC TILING – REVISED PER BID ADDENDUM 1

PART 1 - GENERAL

1.1 RELATED DOCUMENTS

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

1.2 SUMMARY

- A. Section Includes:
 - 1. Porcelain tile.
 - 2. Glazed wall tile.
 - 3. Stone thresholds.
 - 4. Waterproof membrane.
 - 5. Metal edge strips.

1.3 DEFINITIONS

- A. General: Definitions in the ANSI A108 series of tile installation standards and in ANSI A137.1 apply to Work of this Section unless otherwise specified.
- B. Module Size: Actual tile size plus joint width indicated.
- C. Face Size: Actual tile size, excluding spacer lugs.

1.4 PREINSTALLATION MEETINGS

- A. Preinstallation Conference: Conduct conference at Project site.
 - 1. Review requirements in ANSI A108.01 for substrates and for preparation by other trades.

1.5 ACTION SUBMITTALS

- A. Product Data: For each type of product.
- B. Shop Drawings: Show locations of each type of tile and tile pattern. Show widths, details, and locations of expansion, contraction, control, and isolation joints in tile substrates and finished tile surfaces.

C. Samples for Initial Selection: For tile, grout, and accessories involving color selection.

D. Samples for Verification:

1. Full-size units of each type and composition of tile and for each color and finish required. For ceramic mosaic tile in color blend patterns, provide full sheets of each color blend.
2. Assembled samples mounted on a rigid panel, with grouted joints, for each type and composition of tile and for each color and finish required. Make samples at least 12 inches (300 mm) square, but not fewer than four tiles. Use grout of type and in color or colors approved for completed Work.
3. Full-size units of each type of trim and accessory for each color and finish required.
4. Stone thresholds in 6-inch (150-mm) lengths.
5. Metal edge strips in 6-inch (150-mm) lengths.

1.6 INFORMATIONAL SUBMITTALS

- A. Qualification Data: For Installer.
- B. Product Certificates: For each type of product.
- C. Product Test Reports: For tile-setting and -grouting products.

1.7 MAINTENANCE MATERIAL SUBMITTALS

- A. Furnish extra materials that match and are from same production runs as products installed and that are packaged with protective covering for storage and identified with labels describing contents.
 1. Tile and Trim Units: Furnish quantity of full-size units equal to 3 percent of amount installed for each type, composition, color, pattern, and size indicated.

1.8 QUALITY ASSURANCE

- A. Installer Qualifications:
 1. Installer is a five-star member of the National Tile Contractors Association or a Trowel of Excellence member of the Tile Contractors' Association of America.
 2. Installer's supervisor for Project holds the International Masonry Institute's Foreman Certification.
 3. Installer employs Ceramic Tile Education Foundation Certified Installers or installers recognized by the U.S. Department of Labor as Journeyman Tile Layers.

- B. Mockups: Build mockups to verify selections made under Sample submittals and to demonstrate aesthetic effects and set quality standards for materials and execution.
 - 1. Build mockup of each type of floor tile installation.
 - 2. Build mockup of each type of wall tile installation.
 - 3. Subject to compliance with requirements, approved mockups may become part of the completed Work if undisturbed at time of Substantial Completion.

1.9 DELIVERY, STORAGE, AND HANDLING

- A. Deliver and store packaged materials in original containers with seals unbroken and labels intact until time of use. Comply with requirements in ANSI A137.1 for labeling tile packages.
- B. Store tile and cementitious materials on elevated platforms, under cover, and in a dry location.
- C. Store aggregates where grading and other required characteristics can be maintained and contamination can be avoided.
- D. Store liquid materials in unopened containers and protected from freezing.

1.10 FIELD CONDITIONS

- A. Environmental Limitations: Do not install tile until construction in spaces is complete and ambient temperature and humidity conditions are maintained at the levels indicated in referenced standards and manufacturer's written instructions.

PART 2 - PRODUCTS

2.1 MANUFACTURERS

- A. Source Limitations for Tile: Obtain tile of each type and color or finish from single source or producer.
 - 1. Obtain tile of each type and color or finish from same production run and of consistent quality in appearance and physical properties for each contiguous area.
- B. Source Limitations for Setting and Grouting Materials: Obtain ingredients of a uniform quality for each mortar, adhesive, and grout component from single manufacturer and each aggregate from single source or producer.

1. Obtain setting and grouting materials, except for unmodified Portland cement and aggregate, from single manufacturer.
 2. Obtain waterproof membrane, except for sheet products, from manufacturer of setting and grouting materials.
- C. Source Limitations for Other Products: Obtain each of the following products specified in this Section from a single manufacturer:
1. Stone thresholds.
 2. Waterproof membrane.
 3. Crack isolation membrane.
 4. Cementitious backer units.
 5. Metal edge strips.

2.2 PRODUCTS, GENERAL

- A. ANSI Ceramic Tile Standard: Provide tile that complies with ANSI A137.1 for types, compositions, and other characteristics indicated.
1. Provide tile complying with Standard grade requirements unless otherwise indicated.
- B. ANSI Standards for Tile Installation Materials: Provide materials complying with ANSI A108.02, ANSI standards referenced in other Part 2 articles, ANSI standards referenced by TCNA installation methods specified in tile installation schedules, and other requirements specified.
- C. Factory Blending: For tile exhibiting color variations within ranges, blend tile in factory and package so tile units taken from one package show same range in colors as those taken from other packages and match approved Samples.

2.3 TILE PRODUCTS

- A. **NOT USED.**
- B. Ceramic Wall Tile **Type CWT-1**: Porcelain tile.
1. Basis-of-Design Product: Subject to compliance with requirements, **provide Dal Tile**; see schedule for locations.
 2. **Module Size: Refer to AF Drawings.**
 3. Thickness: 5/16-inch.
 4. **Finish: Refer to AF Drawings.**
 5. **Tile Color: Refer to AF Drawings.**
 6. **Pattern/Bond: Refer to AF Drawings.**
 7. Grout Color: As selected by Architect from manufacturer's full range.

8. Grout Joint width: 3/16-inch.
9. Mortar: Modified Dry-Set Cement Mortar, Lightweight, Non-Sag, for Large and Heavy Tile: ANSI A118.4-A118.11 and ISO 13007; C2TES1P1
 1. Product: Subject to compliance with requirements, provide MAPEI Corporation "Ultraflex LFT"
10. Grout: Factory Blended, Polymer-Modified Tile Grout for grout joints from 1/16-inch to 3/4-inch (1.5 mm to 19 mm) and meeting ANSI A118.7 and ISO 13007; CGWAF.
 - a. Product: Subject to compliance with requirements, provide MAPEI Corporation "Ultracolor Plus FA".
11. Tiling over existing tile: Provide primer Mapei Eco Prim Grip over existing tile. Follow with Mortar and Grout as indicated.

C. Ceramic Tile **Type CWT-2**: Porcelain tile.

1. Basis-of-Design Product: Subject to compliance with requirements, provide **Dal Tile**; see schedule for locations.
2. **Module Size: Refer to AF Drawings.**
3. **Thickness: 5/16-inch.**
4. **Finish: Refer to AF Drawings.**
5. **Tile Color: Refer to AF Drawings.**
6. Grout Color: As selected by Architect from manufacturer's full range.
7. Mortar for Toilet and Shower Rooms: Water-Cleanable, Tile-Setting Epoxy: ANSI A118.3 and ISO R2.
 1. Product: Subject to compliance with requirements, provide MAPEI Corporation "Kerapoxy 410".
 2. Provide all components for showers including waterproofing.
8. Mortar for Corridor Walls: Non-flammable organic adhesive, complying with ANSI A136.1 and ISO 13007 D2TE; MAPEI, "Type 1" adhesive or MAPEI, "Ultramastic ECO," or Ker 909, ISO 13007; D1TE.
9. Grout: Factory Blended, Polymer-Modified Tile Grout for grout joints from 1/16-inch to 3/4-inch (1.5 mm to 19 mm) and meeting ANSI A118.7 and ISO 13007; CGWAF.
 - a. Product: Subject to compliance with requirements, provide MAPEI Corporation "Ultracolor Plus FA".

D. Ceramic Tile Base **Type CTB-1**: Glazed wall base.

1. Basis-of-Design Product: Subject to compliance with requirements, provide **Dal Tile**; see schedule for locations.
2. **Module Size: Refer to AF Drawings.**
3. **Tile Color: Refer to AF Drawings.**
4. Grout Color: As selected by Architect from manufacturer's full range.

5. Mortar for Toilet and Shower Rooms: Water-Cleanable, Tile-Setting Epoxy: ANSI A118.3 and ISO R2.
 3. Product: Subject to compliance with requirements, provide MAPEI Corporation "Kerapoxy 410".
 4. Provide all components for showers including waterproofing.
6. Mortar for Corridor Walls: Non-flammable organic adhesive, complying with ANSI A136.1 and ISO 13007 D2TE; MAPEI, "Type 1" adhesive or MAPEI, "Ultramastic ECO," or Ker 909, ISO 13007; D1TE.
7. Grout: Factory Blended, Polymer-Modified Tile Grout for grout joints from 1/16-inch to 3/4-inch (1.5 mm to 19 mm) and meeting ANSI A118.7 and ISO 13007; CGWAF.
 - a. Product: Subject to compliance with requirements, provide MAPEI Corporation "Ultracolor Plus FA".

E. **NOT USED.**

2.4 THRESHOLDS

- A. General: Fabricate to sizes and profiles indicated or required to provide transition between adjacent floor finishes.
 1. Bevel edges at 1:2 slope, with lower edge of bevel aligned with or up to 1/16-inch (1.5 mm) above adjacent floor surface. Finish bevel to match top surface of threshold. Limit height of threshold to 1/2-inch (12.7 mm) or less above adjacent floor surface.
- B. Marble Thresholds: ASTM C 503/C 503M, with a minimum abrasion resistance of 12 according to ASTM C 1353 or ASTM C 241/C 241M and with honed finish.
 1. Description: Uniform, fine- to medium-grained white stone with gray veining.

2.5 WATERPROOF MEMBRANE

- A. General: Manufacturer's standard product that complies with ANSI A118.10 and A118.12, and is recommended by the manufacturer for the application indicated. Include reinforcement and accessories recommended by manufacturer.
- B. Fabric-Reinforced, Fluid-Applied Membrane: System consisting of liquid-latex rubber or elastomeric polymer and continuous fabric reinforcement.
 1. Product: Subject to compliance with requirements, provide MAPEI Corporation, Mapelastastic 400.
 2. Product: Subject to compliance with requirements, provide MAPEI Corporation, Mapelastastic HPG.

2.6 MISCELLANEOUS MATERIALS

- A. Trowelable Underlayments and Patching Compounds: Latex-modified, portland cement-based formulation provided or approved by manufacturer of tile-setting materials for installations indicated.
- B. Grout Release: product formulated to protect exposed surfaces of unglazed or unpolished floor tile against adherence of mortar and grout; compatible with tile, mortar and grout products.
- C. Edge Strips/Metal Transitions, Vertical Locations:
 - 1. Basis of Design:
 - a. CWT to CWT: Schluter; Quadec, Anodized Aluminum. Full height, one piece.
 - b. CWT to PNT or X-Door Frames: Schluter; Schiene, Anodized Aluminum. Full height, one piece.
 - c. CWT to CPT: Schluter, Schiene, Anodized Aluminum. Maximum piece sizes.
- D. Edge Strips/Metal Transitions, floor, and base locations:
 - 1. Basis of Design manufacturer: Schluter.
 - 2. Schedule:
 - a. Existing Terrazzo →CFT: Schluter Reno-T.
 - b. New Terrazzo→CFT: Schluter Reno – TK.
 - c. CFT→CPT: Schluter Reno – TK.
 - d. CFT→RT: Schluter Reno – TK.
 - e. CFT→VCT: Schluter Reno – TK.
 - f. WOM→CFT: Schluter Schiene.
 - g. CWT →RB: Schluter Schiene.
 - h. CWT →CPT: Schluter; Schiene.
- E. Tile Cleaner: A neutral cleaner capable of removing soil and residue without harming tile and grout surfaces, specifically approved for materials and installations indicated by tile and grout manufacturers.

2.7 MIXING MORTARS AND GROUT

- A. Mix mortars and grouts to comply with referenced standards and mortar and grout manufacturers' written instructions.
- B. Add materials, water, and additives in accurate proportions.

- C. Obtain and use type of mixing equipment, mixer speeds, mixing containers, mixing time, and other procedures to produce mortars and grouts of uniform quality with optimum performance characteristics for installations indicated.

PART 3 - EXECUTION

3.1 EXAMINATION

- A. Examine substrates, areas, and conditions where tile will be installed, with Installer present, for compliance with requirements for installation tolerances and other conditions affecting performance of the Work.
 - 1. Verify that substrates for setting tile are firm; dry; clean; free of coatings that are incompatible with tile-setting materials, including curing compounds and other substances that contain soap, wax, oil, or silicone; and comply with flatness tolerances required by ANSI A108.01 for installations indicated.
 - 2. indicated.
 - 3. Verify that concrete substrates for tile floors installed with adhesives comply with surface finish requirements in ANSI A108.01 for installations indicated.
 - a. Verify that surfaces that received a steel trowel finish have been mechanically scarified.
 - b. Verify that protrusions, bumps, and ridges have been removed by sanding or grinding.
 - 4. Verify that installation of grounds, anchors, recessed frames, electrical and mechanical units of work, and similar items located in or behind tile has been completed.
 - 5. Verify that joints and cracks in tile substrates are coordinated with tile joint locations; if not coordinated, adjust joint locations in consultation with Architect.
- B. Proceed with installation only after unsatisfactory conditions have been corrected.

3.2 PREPARATION

- A. Fill cracks, holes, and depressions in concrete substrates for tile floors installed with adhesives with trowelable leveling and patching compound specifically recommended by tile-setting material manufacturer.
- B. Where indicated, prepare substrates to receive waterproofing by applying a reinforced mortar bed that complies with ANSI A108.1A and is sloped 1/4 inch per foot (1:50) toward drains.

- C. Blending: For tile exhibiting color variations, verify that tile has been factory blended and packaged so tile units taken from one package show same range of colors as those taken from other packages and match approved Samples. If not factory blended, either return to manufacturer or blend tiles at Project site before installing.

3.3 CERAMIC TILE INSTALLATION

- A. Comply with TCNA's "Handbook for Ceramic, Glass, and Stone Tile Installation" for TCNA installation methods specified in tile installation schedules. Comply with parts of the ANSI A108 series "Specifications for Installation of Ceramic Tile" that are referenced in TCNA installation methods, specified in tile installation schedules, and apply to types of setting and grouting materials used.
 - 1. For the following installations, follow procedures in the ANSI A108 series of tile installation standards for providing 95 percent mortar coverage:
 - a. Tile floors in wet areas.
 - b. Tile floors consisting of tiles 8 by 8 inches (200 by 200 mm) or larger.
 - c. Tile floors consisting of rib-backed tiles.
- B. Extend tile work into recesses and under or behind equipment and fixtures to form complete covering without interruptions unless otherwise indicated. Terminate work neatly at obstructions, edges, and corners without disrupting pattern or joint alignments.
- C. Accurately form intersections and returns. Perform cutting and drilling of tile without marring visible surfaces. Carefully grind cut edges of tile abutting trim, finish, or built-in items for straight aligned joints. Fit tile closely to electrical outlets, piping, fixtures, and other penetrations so plates, collars, or covers overlap tile.
- D. Provide manufacturer's standard trim shapes where necessary to eliminate exposed tile edges.
- E. Where accent tile differs in thickness from field tile, vary setting-bed thickness so that tiles are flush.
- F. Jointing Pattern: Lay tile in grid pattern unless otherwise indicated. Lay out tile work and center tile fields in both directions in each space or on each wall area. Lay out tile work to minimize the use of pieces that are less than half of a tile. Provide uniform joint widths unless otherwise indicated.
 - 1. Where adjoining tiles on floor, base, walls, or trim are specified or indicated to be same size, align joints.
 - 2. Where tiles are specified or indicated to be whole integer multiples of adjoining tiles on floor, base, walls, or trim, align joints unless otherwise indicated.

- G. Joint Widths: Unless otherwise indicated, install tile with the following joint widths:
 - 1. Quarry Tile: 3/8-inch (9.5 mm).
 - 2. Glazed Wall Tile: 1/16-inch (1.6 mm).
 - 3. Porcelain Tile: 1/4-inch (6.4 mm).
- H. Expansion Joints: Provide expansion joints and other sealant-filled joints, including control, contraction, and isolation joints, where indicated. Form joints during installation of setting materials, mortar beds, and tile. Do not saw-cut joints after installing tiles.
 - 1. Where joints occur in concrete substrates, locate joints in tile surfaces directly above them.
- I. Stone Thresholds: Install stone thresholds in same type of setting bed as adjacent floor unless otherwise indicated.
 - 1. At locations where mortar bed (thickset) would otherwise be exposed above adjacent floor finishes, set thresholds in latex-portland cement mortar (thinset).
 - 2. Do not extend waterproofing under thresholds. Fill joints between such thresholds and adjoining tile set on waterproofing with elastomeric sealant.
- J. Metal Edge Strips: Install at locations indicated.

3.4 WATERPROOFING INSTALLATION

- A. Install waterproofing to comply with ANSI A108.13 and manufacturer's written instructions to produce waterproof membrane of uniform thickness that is bonded securely to substrate.
- B. Allow waterproofing to cure and verify by testing that it is watertight before installing tile or setting materials over it.

3.5 ADJUSTING AND CLEANING

- A. Remove and replace tile that is damaged or that does not match adjoining tile. Provide new matching units, installed as specified and in a manner to eliminate evidence of replacement.
- B. Cleaning: On completion of placement and grouting, clean all ceramic tile surfaces so they are free of foreign matter.
 - 1. Remove grout residue from tile as soon as possible.
 - 2. Clean grout smears and haze from tile according to tile and grout manufacturer's written instructions but no sooner than ten (10) days after installation. Use only cleaners recommended by tile and grout manufacturers and only after

determining that cleaners are safe to use by testing on samples of tile and other surfaces to be cleaned. Protect metal surfaces and plumbing fixtures from effects of cleaning. Flush surfaces with clean water before and after cleaning.

3.6 PROTECTION

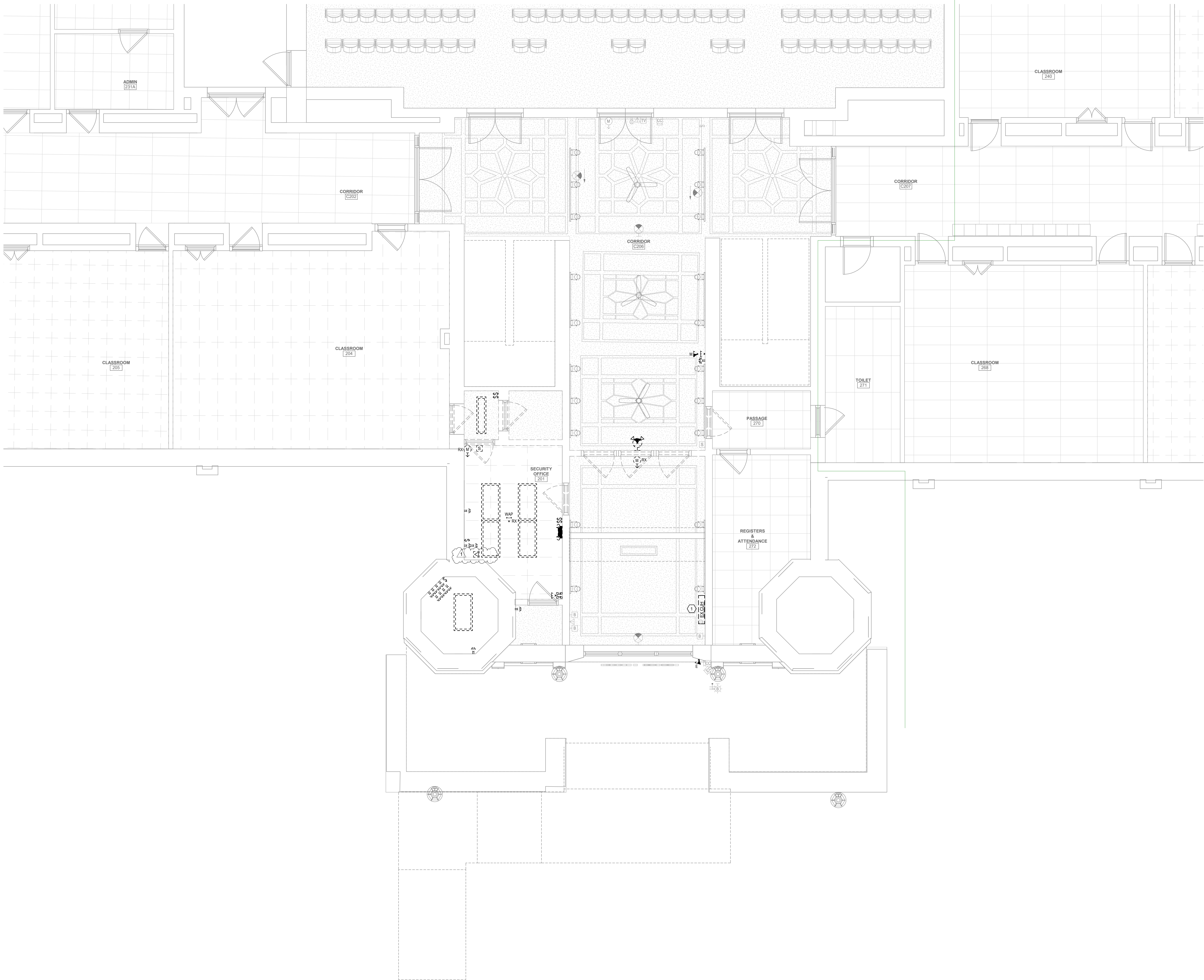
- A. Protect installed tile work with kraft paper or other heavy covering during construction period to prevent staining, damage, and wear. If recommended by tile manufacturer, apply coat of neutral protective cleaner to completed tile walls and floors.
- B. Prohibit foot and wheel traffic from tiled floors for at least seven days after grouting is completed.
- C. Before final inspection, remove protective coverings and rinse neutral protective cleaner from tile surfaces.

END OF SECTION 093013

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1 FIRST FLOOR ELECTRICAL PLAN
ED101 1/4" = 1'-0"



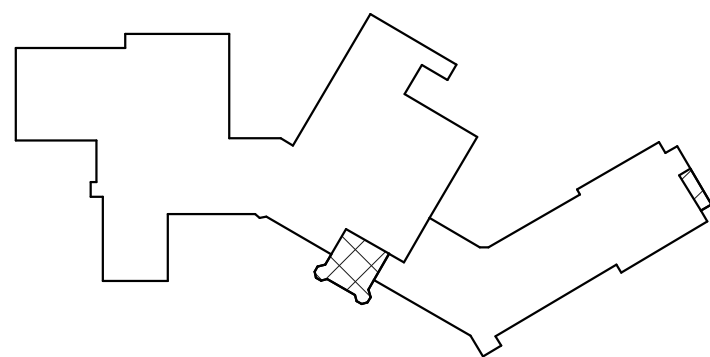
GENERAL NOTES

- A. SCOPE: ELECTRICAL REMOVALS PLAN INDICATES GENERAL SCOPE OF ELECTRICAL REMOVALS WORK, BUT DOES NOT SHOW ALL ELEMENTS OF SAME. PROVIDE ALL ELECTRICAL DISCONNECTIONS AND REMOVALS WORK INDICATED ON DRAWINGS. REQUIRED BY THE SPECIFICATIONS, AND THAT ARE REASONABLY REQUIRED FOR SUCCESSFUL PROJECT COMPLETION.
- B. LIGHT/GRAY LINES: INDICATE EXISTING ELECTRICAL ITEMS TO REMAIN, UNLESS INDICATED OTHERWISE.
- C. BLACK DASHED LINES: REMOVE ALL ELECTRICAL ITEMS SHOWN WITH BLACK DASHED LINES UNLESS INDICATED OTHERWISE. REMOVE ALL ASSOCIATED WIRING AND ALL WIRING WHICH IS OR WILL NO LONGER BE IN USE. REMOVE ALL EXISTING CONDUITS, BOXES, STRAPS, ETC. WHICH WILL NO LONGER BE IN USE.
- D. "X": INDICATES RELOCATE EXISTING ELECTRICAL ITEM. SEE DRAWING E101 FOR CORRESPONDING NEW LOCATION.
- E. EXISTING BRANCH CIRCUITS DISCONNECTED: RETAIN EXISTING 120V AND 208V BRANCH CIRCUITS BEING DISCONNECTED AS PART OF REQUIRED ELECTRICAL REMOVALS WORK IF REUSE IS INDICATED ON DWGS. E101 OR E102, OR OTHERWISE REQUIRED. FOR EACH SUCH EXISTING CIRCUIT NOT BEING REUSED, REMOVE IT COMPLETE BACK TO SOURCE.

KEYED NOTES

- 1 DISCONNECT EXISTING 120V CABINET UNIT HEATER FOR REMOVAL. REMOVE CIRCUIT BACK TO SOURCE.

KEY PLAN



CITY SCHOOL DISTRICT OF NEW ROCHELLE ISAAC E YOUNG MIDDLE SCHOOL 2023 CAPITAL PROJECTS - PHASE 2

Project Title



REV.	DATE	DESCRIPTION
1	03/14/2025	Bid Addendum 1

Drawn By: JBM/PT
Checked By: CB
Proj. #: 66-11-00-01-0-003-010
CSArch Proj. #: 188-2301.02
Issued for Bid: 03/14/2025

Sheet Title

FIRST FLOOR
ELECTRICAL
REMOVALS
PLAN

Sheet No.

IEYMS
ED101

CONSTRUCTION DOCUMENTS

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518-463-8866 www.csarch.com

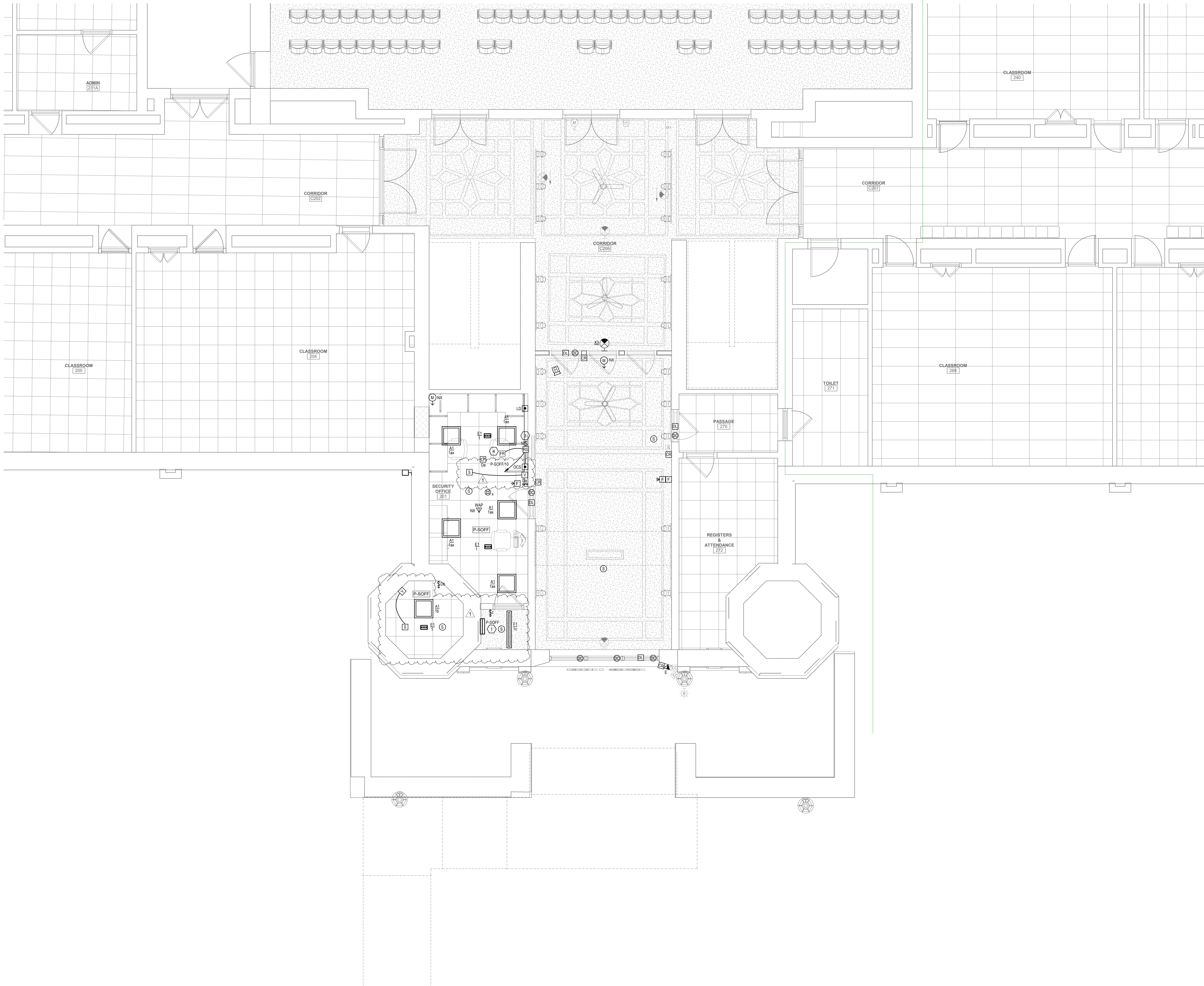


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1 FIRST FLOOR LIGHTING AND SYSTEMS PLAN
E101 1/4" = 1'-0"



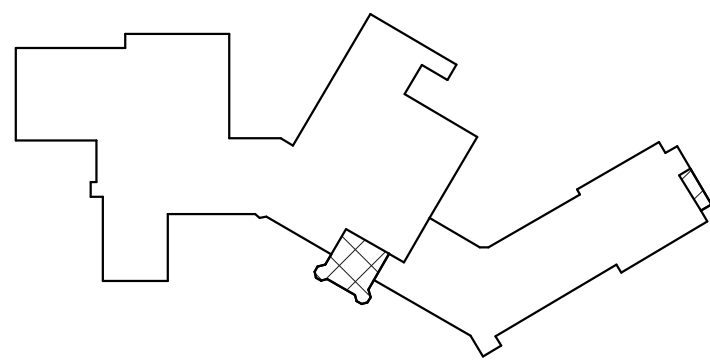
GENERAL NOTES

- LIGHT/GRAY LINES: INDICATE EXISTING ELECTRICAL ITEMS TO REMAIN, UNLESS INDICATED OTHERWISE.
- SOLID BLACK LINES: INDICATE ELECTRICAL NEW WORK, UNLESS INDICATED OTHERWISE.
- "NX" INDICATES NEW LOCATION FOR EXISTING ELECTRICAL ITEM (SEE DWG. E101 FOR ORIGINAL LOCATION). CLEAN, CHECKOUT, REINSTALL AND RECONNECT ITEM PER ORIGINAL. EXTENDING EXISTING CIRCUITING IN KIND AS REQUIRED.
- "EX" INDICATES CONNECT TO EXISTING 120V, 20A LIGHTING OR RECEPTACLE CIRCUIT (AS INDICATED IN ROOM VICINITY). EXTEND CIRCUITING AS REQUIRED.
- BRANCH CIRCUITS: ALL BRANCH CIRCUITS TO BE 1/2" C, 2#12 & 1#12G OR EQUIVALENT TYPE "MC" CABLE WHERE PERMITTED BY SPECS. 280501, UNLESS INDICATED OR REQUIRED OTHERWISE BY NEC.
- FIRE ALARM INITIATING DEVICES: CONNECT TO EXISTING FIRE ALARM INITIATING/CONTROL LOOP IN VICINITY (CONFIRM ADEQUATE CAPACITY).
- FIRE ALARM NOTIFICATION DEVICES: CONNECT TO EXISTING FIRE ALARM NOTIFICATION CIRCUIT(S) IN VICINITY (CONFIRM ADEQUATE CAPACITY).
- SECURITY SYSTEMS DEVICES/STATIONS: FOR EACH, PROVIDE MINIMUM 4" SQUARE X 2-1/2" DEEP BOX WITH SINGLE GANG EXTENSION RING AND BLANK COVERPLATE, AND 3/4" C. FROM BOX STUBBED UP TO NEAREST ACCESSIBLE CEILING SPACE. REAM AND BUSH CONDUIT STUB AND PROVIDE NYLON PULL STRING. CONFIRM REQUIRED OUTLET BOX SIZE WITH OWNER'S SELECTED SECURITY SYSTEMS VENDOR AND PROVIDE BIGGER OR SPECIAL OUTLET BOX IF REQUIRED. SECURITY DEVICE/STATION AND REQUIRED CABLEING TO BE PROVIDED SEPARATELY BY OWNER'S SELECTED SECURITY SYSTEMS CONTRACTOR/VENDOR. COORDINATE ALL WORK AS REQUIRED.

KEYED NOTES

- 120/208V, 3Ø, 4W, 100A PANELBOARD. SEE SCHEDULE ON DWG. E102.
- 1-1/2" C, 4#2 & 1#6G FEEDER TO EXISTING DISTRIBUTION PANEL PCCC ON GROUND FLOOR BELOW. FIELD ROUTE AS REQUIRED.
- CONNECT ROLLING COUNTER FIRE SHUTTER OPERATOR TO INDICATED 120V, 20A CIRCUIT. PROVIDE 120V, 1-POLE TOGGLE SWITCH DISCONNECT FOR SHUTTER OPERATOR. PROVIDE OUTLET BOX FOR AND INSTALL REMOTE OPEN/CLOSE/STOP PUSHBUTTON STATION FURNISHED BY DIV. 8 AND 1/2" C. FROM SHUTTER OPERATOR TO PUSHBUTTON STATION OUTLET BOX WITH ALL CONTROL WIRING AS REQUIRED BY DIV. 8.
- FIRE ALARM RELAY MODULE FOR ROLLING COUNTER FIRE SHUTTER RELEASE. CONNECT TO EXISTING FIRE ALARM INITIATING/CONTROL LOOP IN VICINITY, AND TO SHUTTER RELEASE MECHANISM. PROGRAM EXISTING FACP SO THAT SHUTTER RELEASES AND CLOSES UPON ACTIVATION OF EITHER OR BOTH NEARBY SMOKE DETECTORS (ONE IN SECURITY OFFICE AND NEAREST ONE IN ADJACENT LOBBY).

KEY PLAN



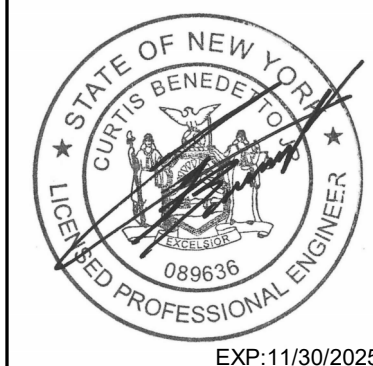
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CITY SCHOOL DISTRICT OF NEW ROCHELLE ISAAC E YOUNG MIDDLE SCHOOL 2023 CAPITAL PROJECTS - PHASE 2

Project Title



REV	DATE	DESCRIPTION
1	03/14/2025	Bid Addendum 1

Drawn By: JBM/PT
Checked By: CB
Proj. #: 66-11-00-81-0-003-018
CSArch Proj. #: 188-2301.02
Issued for Bid: 03/14/2025

Sheet Title

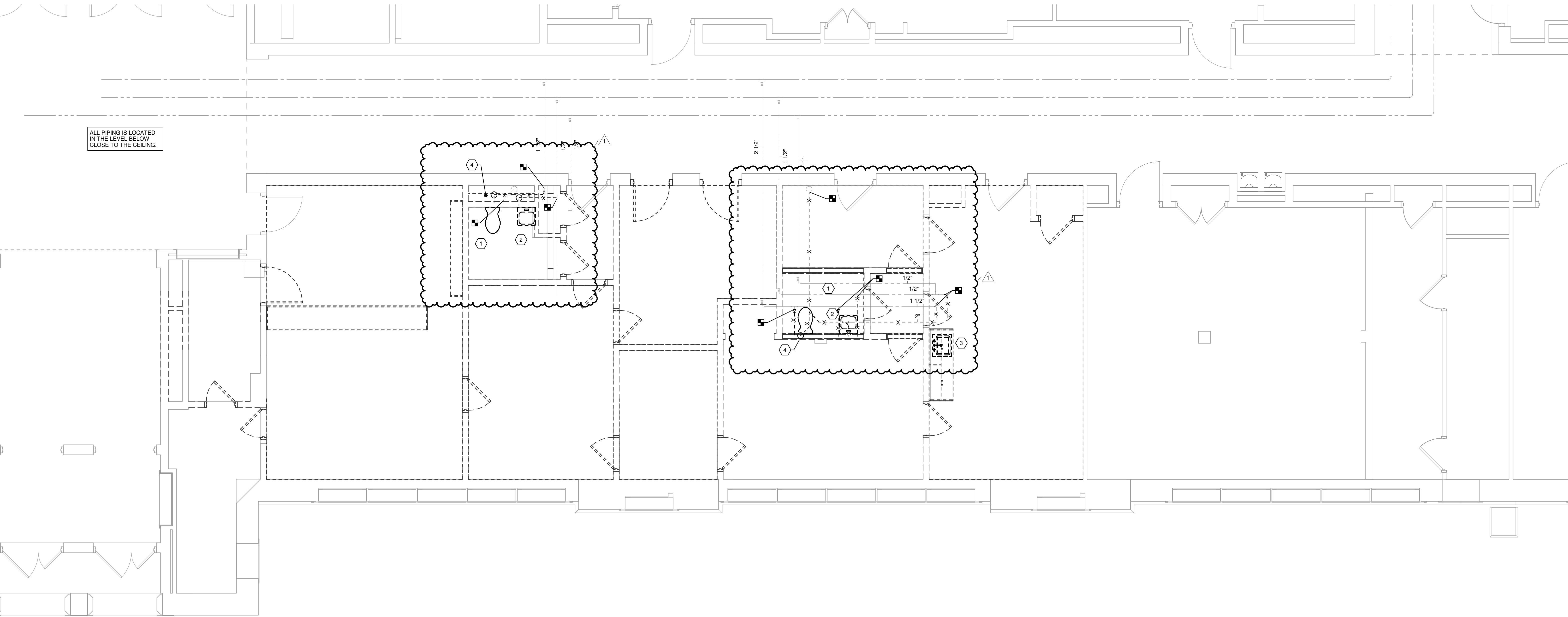
FIRST FLOOR
LIGHTING AND
SYSTEMS PLAN

Sheet No.

IEYMS
E101

CONSTRUCTION DOCUMENTS

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ALL PIPING IS LOCATED
IN THE LEVEL BELOW
CLOSE TO THE CEILING.

1 FIRST FLOOR PLUMBING REMOVAL PLAN
PD101 1/4" = 1'-0"

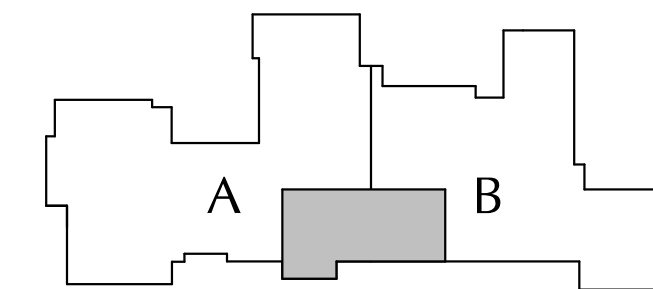
GENERAL REMOVAL NOTES

- UNLESS NOTED OTHERWISE, ALL ITEMS INDICATED ARE TO BE REMOVED COMPLETE. REMOVAL SHALL INCLUDE ALL COMPONENTS, PIPING, HANGERS, SUPPORTS, ASSOCIATED WITH THE EQUIPMENT.
- CONTRACTOR IS TO INSPECT EQUIPMENT THAT IS TO BE REUSED AND DETERMINE THAT IT IS COMPLETE AND IN GOOD WORKING ORDER. IF NOT, REPORT FINDINGS TO THE ARCHITECT/ENGINEER.
- EVERY EFFORT HAS BEEN MADE TO INDICATE ALL EQUIPMENT THAT IS TO BE REMOVED THROUGH FIELD OBSERVATIONS; HOWEVER, THE CONTRACTOR IS TO VISIT THE SITE PRIOR TO BIDDING AND VERIFY ALL REMOVALS.
- ALL ITEMS BEING REMOVED AND NOT REUSED SHALL BE TURNED OVER TO THE OWNER FOR FUTURE USE. IF OWNER DECIDES THE FIXTURES ARE NOT REUSABLE, THE PLUMBING CONTRACTOR SHALL DISPOSE OF THEM. COORDINATE WITH OWNER TO WALK THRU THE AREA TO DETERMINE FIXTURES TO BE SALVAGED PRIOR TO ANY DEMOLITION WORK.
- IF THERE IS A QUESTION REGARDING A REMOVAL, THE CONTRACTOR IS TO VERIFY WITH THE OWNER OR THE OWNER'S REPRESENTATIVE AS TO THE REMOVAL STATUS BEFORE PROCEEDING.
- ALL INTERRUPTIONS OF SERVICE SHALL BE SCHEDULED AND COORDINATED WITH THE OWNER. PLUMBING SYSTEMS FEEDING FROM OR THROUGH THE CONTRACT AREA SHALL BE MAINTAINED.
- COORDINATE ALL WORK WITH PROJECT PHASING REQUIREMENTS.
- WORK THIS DRAWING WITH ARCHITECTURAL DRAWINGS FOR EXTENT OF NEW WALL AND CEILING WORK.
- COORDINATE THIS PLAN WITH NEW WORK PLAN.

KEYED NOTES FOR DRAWING PD101

- REMOVE EXISTING WATER CLOSET AND TRIM INCLUDING ALL COMPONENTS. REMOVE EXISTING SOIL, VENT & CW PIPING BACK TO POINT OF DISCONNECTION. TEMPORARILY CAP PIPING FOR RECONNECTION TO NEW FIXTURES.
- REMOVE EXISTING LAVATORY INCLUDING TRIM AND WALL CARRIER. REMOVE EXISTING WASTE, VENT, HW & CW PIPING BACK TO POINT OF DISCONNECTION. TEMPORARILY CAP PIPING FOR FUTURE RECONNECTION OF NEW FIXTURES.
- REMOVE EXISTING SINK INCLUDING TRIM. REMOVE EXISTING WASTE, VENT, HW & CW PIPING BACK TO POINT OF DISCONNECTION. TEMPORARILY CAP PIPING FOR RECONNECTION TO NEW FIXTURES.
- REMOVE VENT PIPING TO ABOVE CEILING. TEMPORARILY CAP FOR CONNECTION TO NEW VENT PIPING.

KEY PLAN



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CITY SCHOOL DISTRICT OF NEW ROCHELLE HENRY BARNARD ELEMENTARY SCHOOL 2023 CAPITAL PROJECTS - PHASE 2

Project Title



REV.	DATE	DESCRIPTION
1	12/01/2023	Bid Addendum 1

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Sheet Title

PLUMBING
REMOVALS
PLAN

Sheet No.

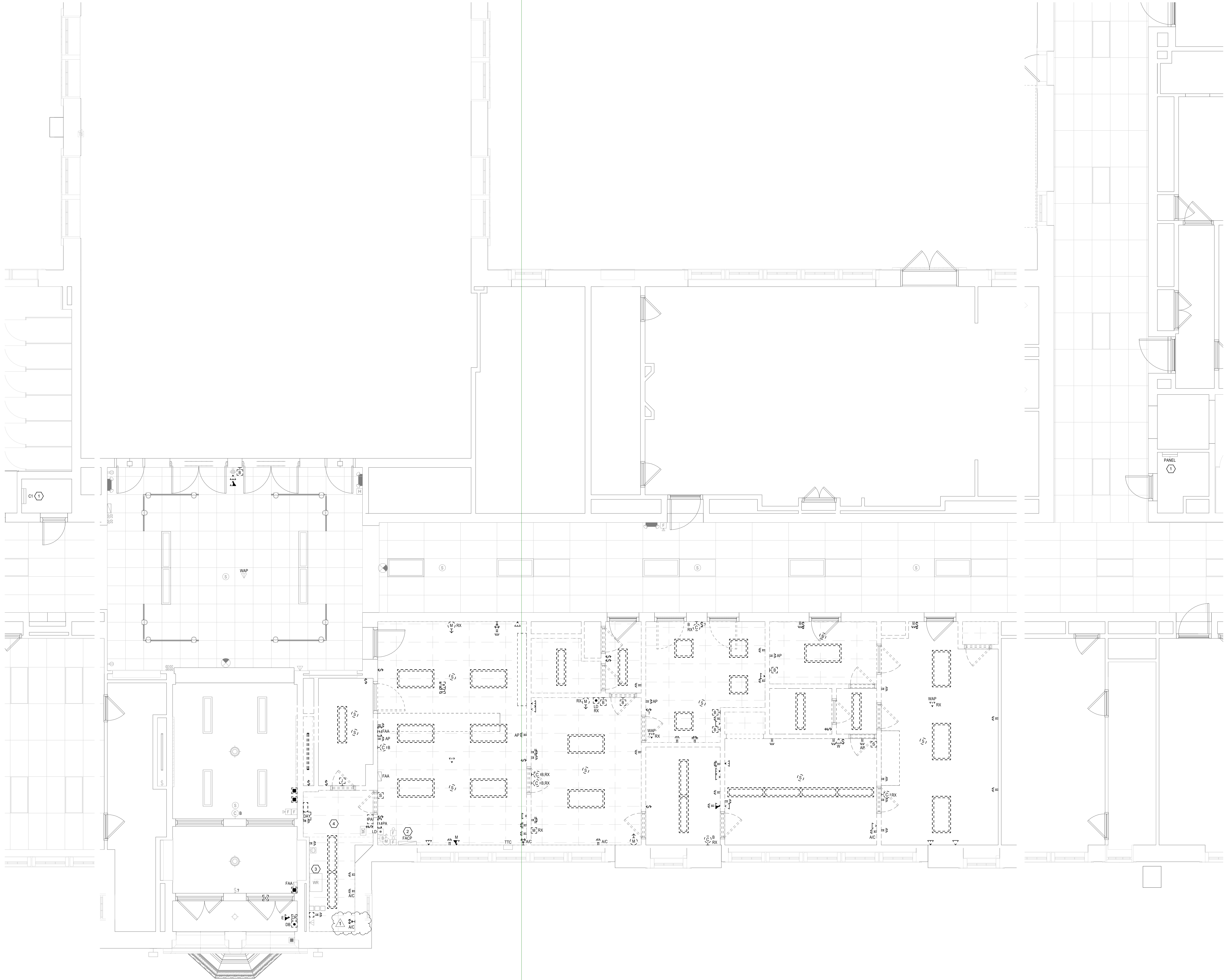
HBE
PD101

CONSTRUCTION DOCUMENTS

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1
ED101 FIRST FLOOR ELECTRICAL REMOVALS PLAN
1/4" = 1'-0"



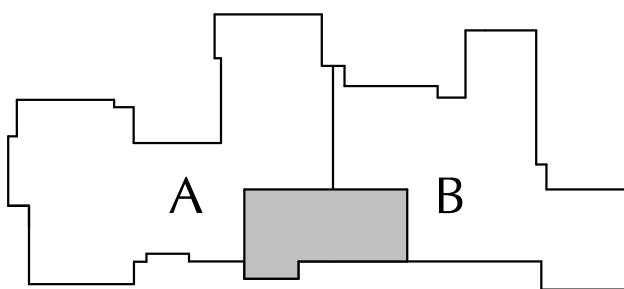
GENERAL NOTES

- A. SCOPE: ELECTRICAL REMOVALS PLAN INDICATES GENERAL SCOPE OF ELECTRICAL REMOVALS WORK, BUT DOES NOT SHOW ALL ELEMENTS OF SAME. PROVIDE ALL ELECTRICAL DISCONNECTIONS AND REMOVALS WORK INDICATED ON DRAWINGS. REQUIRED BY THE SPECIFICATIONS, AND THAT ARE REASONABLY REQUIRED FOR SUCCESSFUL PROJECT COMPLETION.
- B. LIGHT/GRAY LINES: INDICATE EXISTING ELECTRICAL ITEMS TO REMAIN, UNLESS INDICATED OTHERWISE.
- C. BLACKDASHED LINES: REMOVE ALL ELECTRICAL ITEMS SHOWN WITH BLACK DASHED LINES UNLESS INDICATED OTHERWISE. REMOVE ALL ASSOCIATED WIRING AND ALL WIRING WHICH IS OR WILL NO LONGER BE IN USE. REMOVE ALL EXISTING CONDUITS, BOXES, STRAPS, ETC. WHICH WILL NO LONGER BE IN USE.
- D. "RX" INDICATES RELOCATE EXISTING ELECTRICAL ITEM. SEE DRAWING E101 FOR CORRESPONDING NEW LOCATION.
- E. EXISTING BRANCH CIRCUITS DISCONNECTED: RETAIN EXISTING 120V AND 208V BRANCH CIRCUITS BEING DISCONNECTED AS PART OF REQUIRED ELECTRICAL REMOVALS WORK IF REUSE IS INDICATED ON DWGS. E101 OR E102, OR OTHERWISE REQUIRED. FOR EACH SUCH EXISTING CIRCUIT NOT BEING REUSED, REMOVE IT COMPLETE BACK TO SOURCE.

KEYED NOTES

- 1 EXISTING 120/208V, 3Ø, 4W PANELBOARD TO REMAIN.
- 2 EXISTING FIRE ALARM CONTROL PANEL TO REMAIN.
- 3 EXISTING TELECOM WIRING RACK AND ALL OTHER EXISTING TELECOM EQUIPMENT, DEVICES, CONDUITS AND CABLEING IN THIS ROOM TO REMAIN.
- 4 DISCONNECT AND REMOVE ALL EXISTING RECEPTS IN THIS ROOM.

KEY PLAN



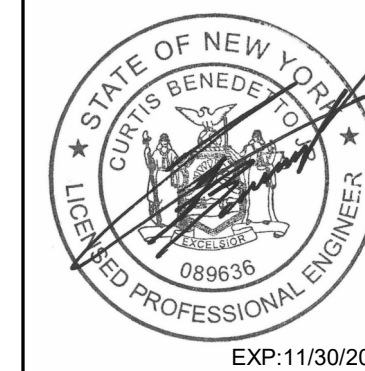
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CITY SCHOOL DISTRICT OF NEW ROCHELLE HENRY BARNARD ELEMENTARY SCHOOL 2023 CAPITAL PROJECTS - PHASE 2

Project Title



DATE	DESCRIPTION
11/30/2023	REV Addendum 1

Drawn By: JBM/PT
Checked By: CB
Proj. #: 66-11-00-81-0-004-016
CSArch Proj. #: 188-2301-02
Issued for Bid: 03/14/2025

Sheet Title

FIRST FLOOR
ELECTRICAL
REMOVALS
PLAN

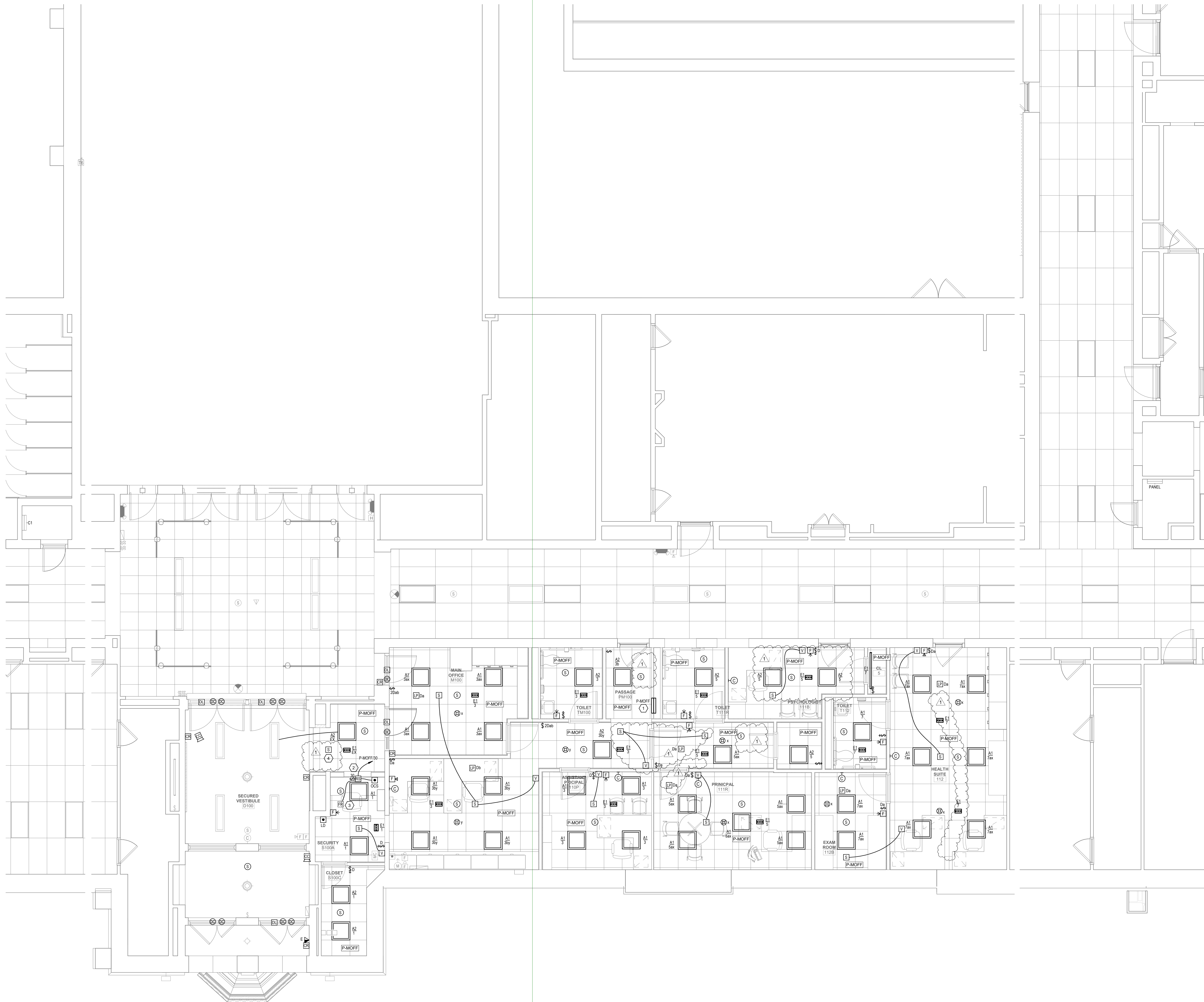
Sheet No.

HBE
ED101

CONSTRUCTION DOCUMENTS

C:\NEWIT Local Files\2400013 B24 HENRY BARNARD MEP Model\imgure@gpi.net.com.rvt

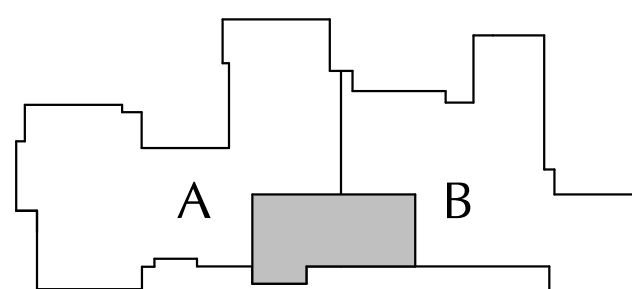
1 FIRST FLOOR LIGHTING AND SYSTEMS PLAN
1/4" = 1'-0"



- GENERAL NOTES**
- A. LIGHT/GRAY LINES: INDICATE EXISTING ELECTRICAL ITEMS TO REMAIN, UNLESS INDICATED OTHERWISE.
 - B. SOLID BLACK LINES: INDICATE ELECTRICAL NEW WORK, UNLESS INDICATED OTHERWISE.
 - C. "NC": INDICATES NEW LOCATION FOR EXISTING ELECTRICAL ITEM (SEE DWG. E101 FOR ORIGINAL LOCATION). CLEAN, CHECKOUT, REINSTALL AND RECONNECT ITEM PER ORIGINAL, EXTENDING EXISTING CIRCUITING IN KIND AS REQUIRED.
 - D. "EX": INDICATES CONNECT TO EXISTING 120V, 20A LIGHTING OR RECEPTACLE CIRCUIT (AS INDICATED) IN ROOM/VICINITY. EXTEND CIRCUITING AS REQUIRED.
 - E. BRANCH CIRCUITS: ALL BRANCH CIRCUITS TO BE 1/2", 2#12 & 1#12S OR EQUIVALENT TYPE "MC" CABLE WHERE PERMITTED BY SPECS. 200(01), UNLESS INDICATED OR REQUIRED OTHERWISE BY NEC.
 - F. FIRE ALARM INITIATING DEVICES: CONNECT TO EXISTING FIRE ALARM INITIATING/CONTROL LOOP IN VICINITY (CONFIRM ADEQUATE CAPACITY).
 - G. FIRE ALARM NOTIFICATION DEVICES: CONNECT TO EXISTING FIRE ALARM NOTIFICATION CIRCUIT(S) IN VICINITY (CONFIRM ADEQUATE CAPACITY).
 - H. SECURITY SYSTEMS DEVICES/STATIONS: FOR EACH, PROVIDE MINIMUM 4" SQUARE X 2-1/2" DEEP BOX WITH SINGLE-GANG EXTENSION RING AND BLANK COVERPLATE, AND 3/4" C. FROM BOX STUBBED UP TO NEAREST ACCESSIBLE CEILING SPACE. REAM AND BUSH CONDUIT STUB AND PROVIDE NYLON PULL STRING. CONFIRM REQUIRED OUTLET BOX SIZE WITH OWNER'S SELECTED SECURITY SYSTEMS VENDOR AND PROVIDE BIGGER OR SPECIAL OUTLET BOX IF REQUIRED. SECURITY DEVICES/STATION AND REQUIRED CABLEING TO BE PROVIDED SEPARATELY BY OWNER'S SELECTED SECURITY SYSTEMS CONTRACTOR/VENDOR. COORDINATE ALL WORK AS REQUIRED.

- KEYED NOTES**
- 1 120/208V, 3Ø, 4W PANELBOARD. SEE SCHEDULE ON DWG. E102.
 - 2 CONNECT ROLLING COUNTER FIRE SHUTTER OPERATOR TO INDICATED 120V, 20A CIRCUIT. PROVIDE 120V, 1-POLE TOGGLE SWITCH DISCONNECT FOR SHUTTER OPERATOR. PROVIDE OUTLET BOX FOR AND INSTALL REMOTE OPEN/LOSE/STOP PUSHBUTTON STATION FURNISHED BY DIV. 8 AND 1/2" C. FROM SHUTTER OPERATOR TO PUSHBUTTON STATION OUTLET BOX WITH ALL CONTROL WIRING AS REQUIRED BY DIV. 8.
 - 3 FIRE ALARM RELAY MODULE FOR ROLLING COUNTER FIRE SHUTTER RELEASE. CONNECT TO EXISTING FIRE ALARM INITIATING/CONTROL LOOP IN VICINITY, AND TO SHUTTER RELEASE MECHANISM. PROGRAM EXISTING FACP SO THAT SHUTTER RELEASES AND CLOSURES UPON ACTIVATION OF EITHER OR BOTH NEARBY SMOKE DETECTORS (ONE IN SECURITY OFFICE AND NEAREST ONE IN ADJACENT LOBBY).
 - 4 CONNECT NEW SPEAKER TO NEAREST EXISTING CORRIDOR SPEAKER.

KEY PLAN



CITY SCHOOL DISTRICT OF NEW ROCHELLE
HENRY BARNARD ELEMENTARY SCHOOL
2023 CAPITAL PROJECTS - PHASE 2

Project Title



REV	DATE	DESCRIPTION
1	12/1/2023	Bid Addendum 1

Drawn By: JBM/02
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Proj. #: 66-11-00-81-0-004-016
CSArch Proj. #: 188-2301-02
Issued for Bid: 03/14/2025

Sheet Title

FIRST FLOOR
LIGHTING AND
SYSTEMS PLAN

Sheet No.

HBE
E101

CONSTRUCTION DOCUMENTS

40 Beaver St., Albany, New York 12207-1511
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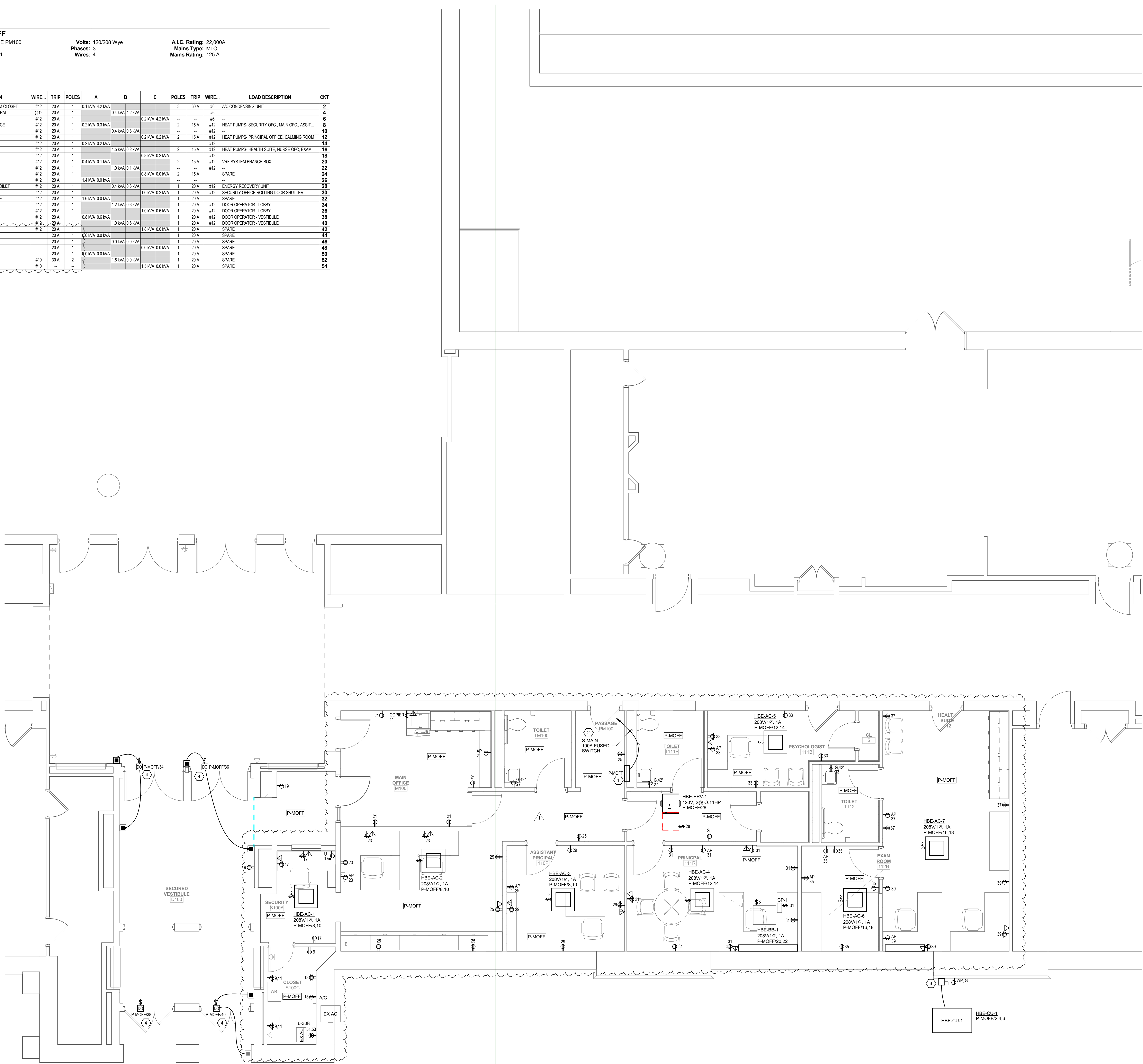


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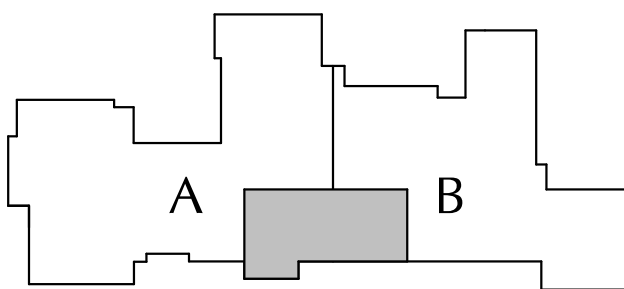
Branch Panel: P-MOFF												
Location: PASSAGE PM100			Volts: 120/208 Wye			A.I.C. Rating: 22,000A						
Supply From: S-MAIN			Phases: 3			Mains Type: MLO						
Mounting: Recessed			Wires: 4			Mains Rating: 125 A						
Enclosure: Type 1												
More Info:												
CKT	LOAD DESCRIPTION	WIRE...	TRIP	POLES	A	B	C	POLES	TRIP	WIRE...	LOAD DESCRIPTION	CKT
1	LIGHTS-SECURITY OFFICE, TELECOM CLOSET	#12	20 A	1	0.1 kVA/4.2 kVA			3	60 A	#6	A/C CONDENSING UNIT	2
3	LIGHTS-MAIN OFFICE, ASST. PRINCIPAL	#12	20 A	1		0.4 kVA/4.2 kVA		--	--	#6		4
5	LIGHTS-PRINCIPAL OFFICE	#12	20 A	1			0.2 kVA/4.2 kVA	--	--	#6		6
7	LIGHTS-HEALTH SUITE, NURSE OFFICE	#12	20 A	1	0.2 kVA/0.3 kVA			2	15 A	#12	HEAT PUMPS-SECURITY OFFICE, MAIN OFFICE, ASST.	8
9	RECEPT-TELECOM CLOSET	#12	20 A	1		0.4 kVA/0.3 kVA		--	--	#12		10
11	RECEPT-TELECOM CLOSET	#12	20 A	1			0.2 kVA/0.2 kVA	2	15 A	#12	HEAT PUMPS-PRINCIPAL OFFICE, CALMING ROOM	12
13	RECEPT-TELECOM CLOSET	#12	20 A	1	0.2 kVA/0.2 kVA			--	--	#12		14
15	RECEPT-TELECOM CLOSET A/C	#12	20 A	1		1.5 kVA/0.2 kVA		2	15 A	#12	HEAT PUMPS-HEALTH SUITE, NURSE OFFICE, EXAM	16
17	RECEPT-SECURITY OFFICE	#12	20 A	1			0.8 kVA/0.2 kVA	--	--	#12		18
19	RECEPT-VESTIBULE	#12	20 A	1	0.4 kVA/0.1 kVA			2	15 A	#12	VRF SYSTEM BRANCH BOX	20
21	RECEPT-MAIN OFFICE	#12	20 A	1		1.0 kVA/0.1 kVA		--	--	#12		22
23	RECEPT-MAIN OFFICE	#12	20 A	1			0.8 kVA/0.0 kVA	2	15 A		SPARE	24
25	RECEPT-MAIN OFFICE	#12	20 A	1	1.4 kVA/0.0 kVA			--	--			26
27	RECEPT-MAIN OFFICE, PRINCIPAL TOILET	#12	20 A	1		0.4 kVA/0.6 kVA		1	20 A	#12	ENERGY RECOVERY UNIT	28
29	RECEPT-ASST. PRINCIPAL	#12	20 A	1			1.0 kVA/0.2 kVA	1	20 A	#12	SECURITY OFFICE ROLLING DOOR SHUTTER	30
31	RECEPT-CALMING RM, NURSE TOILET	#12	20 A	1	1.6 kVA/0.0 kVA			1	20 A		SPARE	32
33	RECEPT-PRINCIPAL OFFICE	#12	20 A	1		1.2 kVA/0.6 kVA		1	20 A	#12	DOOR OPERATOR - LOBBY	34
35	RECEPT-NURSE OFFICE	#12	20 A	1			1.0 kVA/0.6 kVA	1	20 A	#12	DOOR OPERATOR - LOBBY	36
37	RECEPT-HEALTH SUITE	#12	20 A	1	0.8 kVA/0.6 kVA			1	20 A	#12	DOOR OPERATOR - VESTIBULE	38
39	RECEPT-DRAW ROOM	#12	20 A	1		1.0 kVA/0.6 kVA		1	20 A	#12	DOOR OPERATOR - VESTIBULE	40
41	RECEPT-MAIN OFFICE COPIER	#12	20 A	1			1.8 kVA/0.0 kVA	1	20 A		SPARE	42
43	SPARE	20 A	1		0.0 kVA/0.0 kVA			1	20 A		SPARE	44
45	SPARE	20 A	1		0.0 kVA/0.0 kVA			1	20 A		SPARE	46
47	SPARE	20 A	1		0.0 kVA/0.0 kVA			1	20 A		SPARE	48
49	SPARE	20 A	1		0.0 kVA/0.0 kVA			1	20 A		SPARE	50
51	TELECOM CLOSET 208V A/C RECEPT	#10	30 A	2		1.5 kVA/0.0 kVA		1	20 A		SPARE	52
53		#10	--	--		1.5 kVA/0.0 kVA		1	20 A		SPARE	54



- GENERAL NOTES**
- A. LIGHT/GRAY LINES: INDICATE EXISTING ELECTRICAL ITEMS TO REMAIN, UNLESS INDICATED OTHERWISE.
- B. SOLID BLACK LINES: INDICATE ELECTRICAL NEW WORK, UNLESS INDICATED OTHERWISE.
- C. 'X': INDICATES NEW LOCATION FOR EXISTING ELECTRICAL ITEM (SEE DWG. E101 FOR ORIGINAL LOCATION). CLEAN, CHECKOUT, REINSTALL AND RECONNECT ITEM PER ORIGINAL. EXTENDING EXISTING CIRCUITING IN KIND AS REQUIRED.
- D. 'EX': INDICATES CONNECT TO EXISTING 120V, 20A LIGHTING OR RECEPTACLE CIRCUIT (AS INDICATED) IN ROOM VICINITY. EXTEND CIRCUITING AS REQUIRED.
- E. BRANCH CIRCUITS: ALL BRANCH CIRCUITS TO BE 1/2" C, 2#12 & 1#12S OR EQUIVALENT TYPE "MC" CABLE WHERE PERMITTED BY SPECS. 300(R)1, UNLESS INDICATED OR REQUIRED OTHERWISE BY NEC.
- F. TELECOM OUTLETS: FOR EACH, PROVIDE 4" SQUARE X 2-1/2" DEEP BOX WITH SINGLE-GANG EXTENSION RING AND BLANK COVERPLATE, AND 3/4" C FROM BOX STUBBED UP TO NEAREST ACCESSIBLE CEILING SPACE. BEAM AND BUSH CONDUIT STUDS AND PROVIDE NYLON PULL STRING. TELECOM CABLING AND JACKS TO BE PROVIDED SEPARATELY BY OWNER OR OWNER'S VENDOR. COORDINATE ALL WORK AS REQUIRED.

- KEYED NOTES**
1. 120/208V, 3Ø, 4W, 100A PANELBOARD. SEE SCHEDULE ON THIS DWG.
2. 1-1/2", 4#2 & 1#8G FEEDER TO EXISTING SWITCHBOARD S-MAIN ON GROUND FLOOR BELOW. FIELD ROUTE AS REQUIRED.
3. 250V, 60A/3P, NON-FUSED, NEMA-3R SAFETY SWITCH DISCONNECT.
4. CONNECT DOOR OPERATOR TO INDICATED 120V, 20A/1P CIRCUIT BREAKER IN NEW PANELBOARD. PROVIDE 125V, 4-POLE TOGGLE SWITCH DISCONNECT FOR DOOR OPERATOR. PROVIDE OUTLET BOX FOR EACH REMOTE PUSH PLATE STATION AND 1/2" C FROM DOOR OPERATOR TO EACH PUSHPLATE BOX WITH ALL CONTROL WIRING AS REQUIRED BY DIV. 8.

KEY PLAN



CITY SCHOOL DISTRICT OF NEW ROCHELLE
HENRY BARNARD ELEMENTARY SCHOOL
2023 CAPITAL PROJECTS - PHASE 2

Project Title



DATE	DESCRIPTION
11/30/2025	REV Addendum 1

Drawn By: JBM/02
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Proj. #: 66-11-00-81-0-004-016
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Sheet Title

FIRST FLOOR
POWER AND
TELECOM
PLAN

Sheet No.

HBE
E102

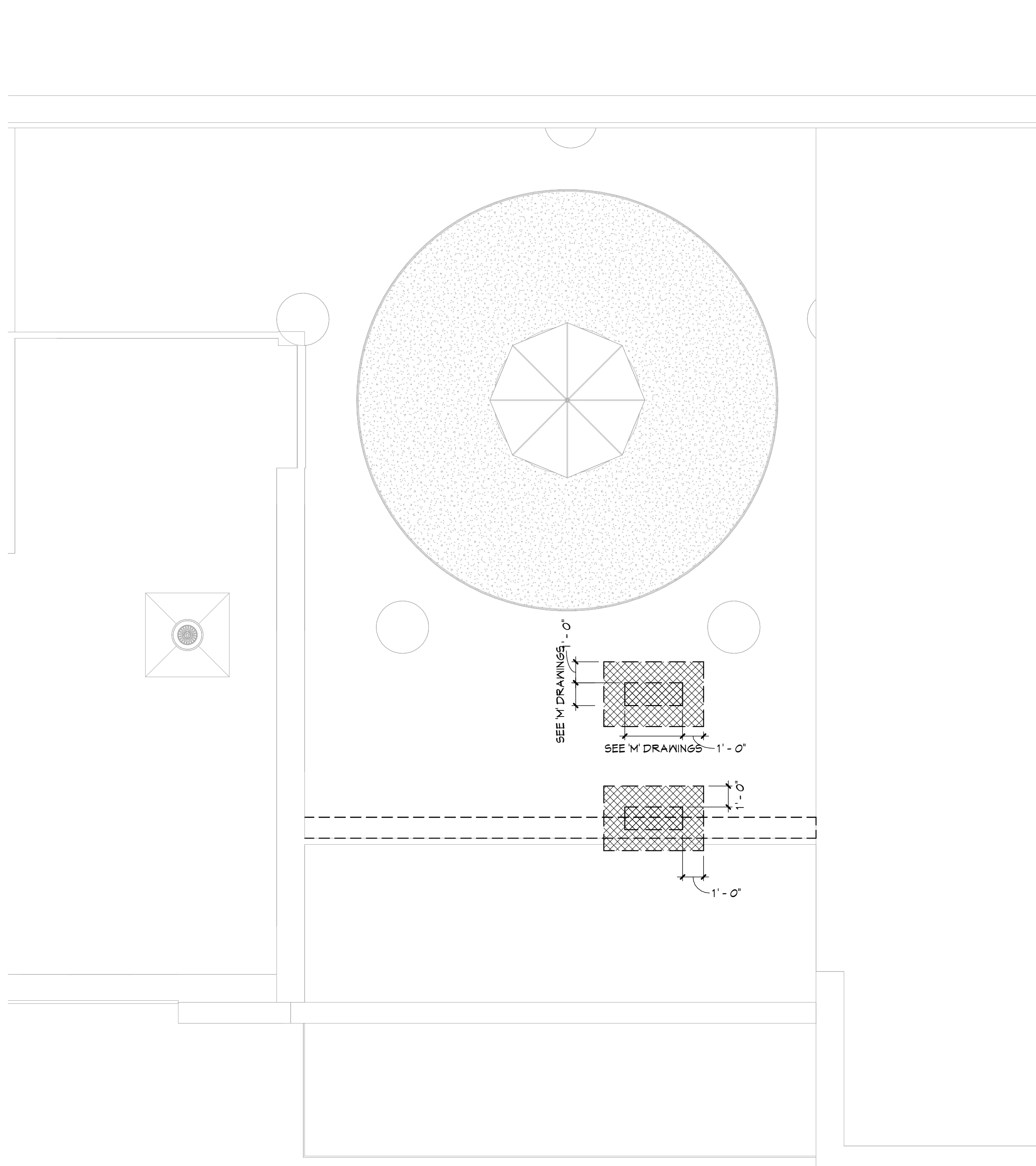
CONSTRUCTION DOCUMENTS

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518-463-8866 www.csarch.com

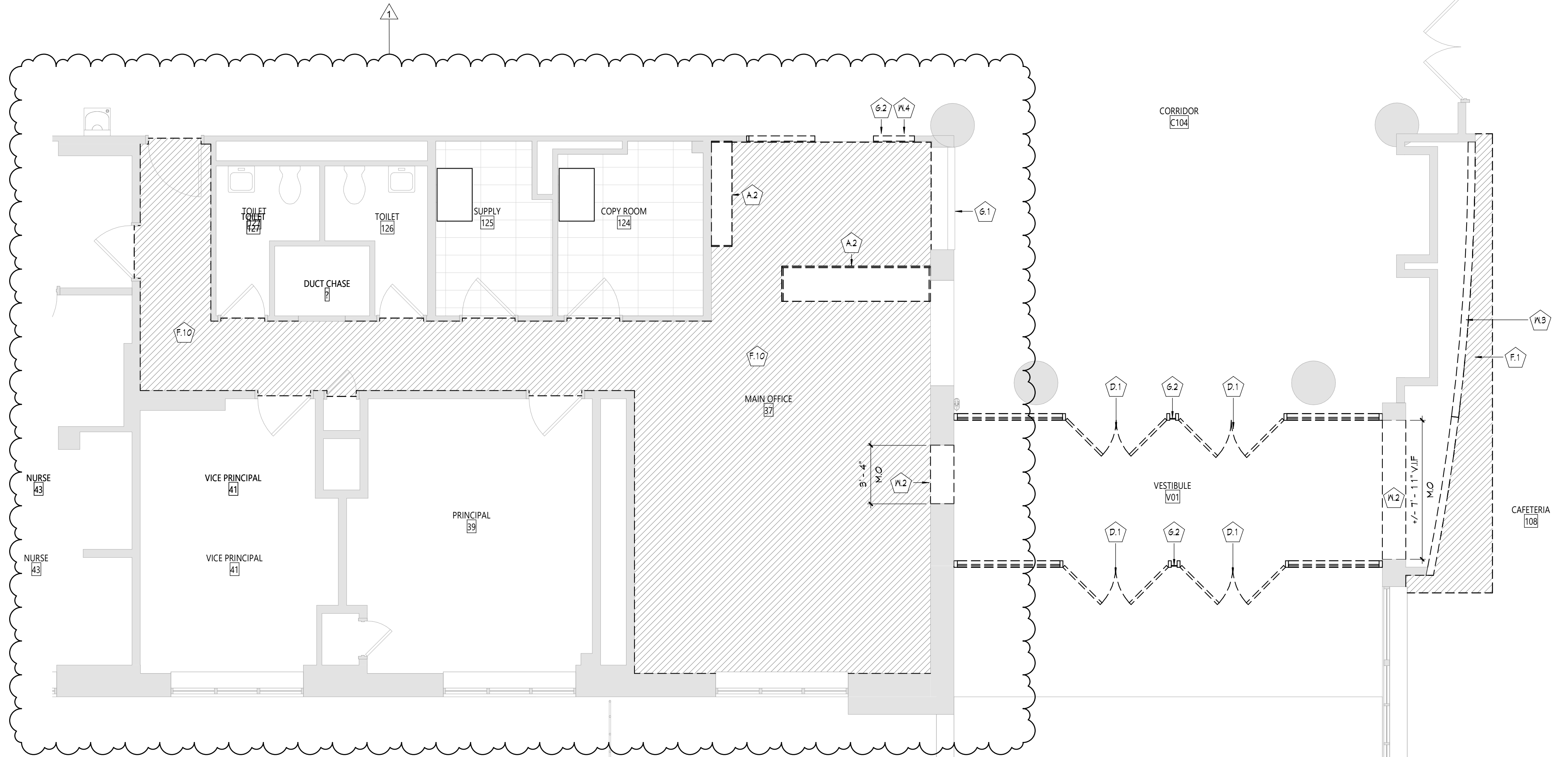
GPI
Greenman-Pedersen, Inc.
80 Wolf Road, Suite 600
Sydney, NY 10591
914-453-6111

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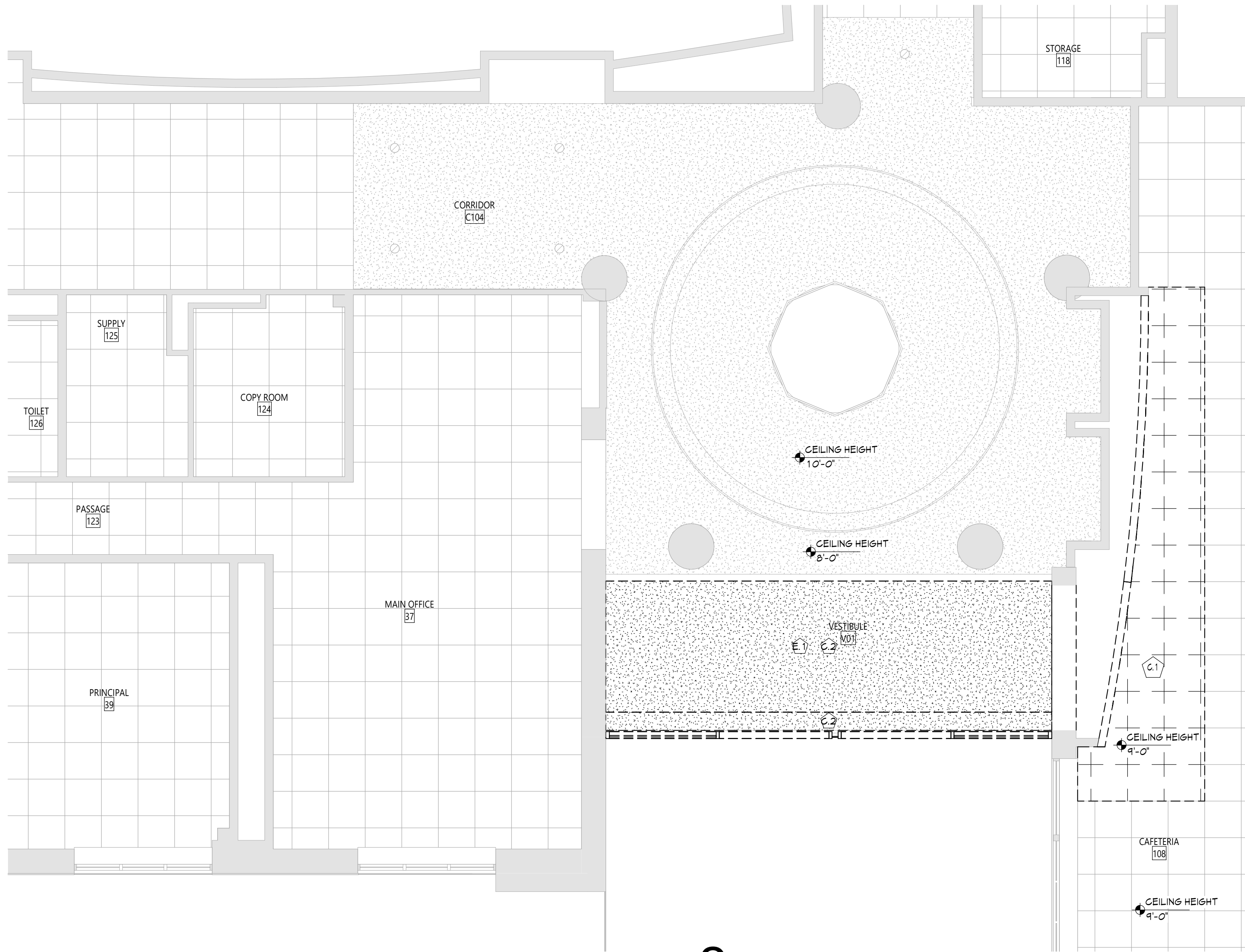
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3 ENLARGED ROOF DEMOLITION PLAN
AD601 1/4" = 1'-0"



1 AREA 'A' FIRST FLOOR DEMOLITION PLAN
AD601 1/4" = 1'-0"



2 AREA 'A' PARTIAL DEMOLITION FIRST FLOOR RCP
AD601 1/4" = 1'-0"

GENERAL DEMOLITION NOTES

- COORDINATE ALL REMOVALS WITH NEW CONSTRUCTION.
- PATCH AND REPLACE EXISTING AND NEWLY CREATED HOLES IN WALLS (DUE TO REMOVAL) WITH MATERIALS TO MATCH EXISTING CONSTRUCTION.
- SALVAGED ITEMS SHALL BE TURNED OVER TO OWNER, UNO.
- ALL KEYED REMOVALS SHALL INCLUDE REMOVAL OF ANY AND ALL ANCHORING SYSTEMS INCLUDING OBJECTS EMBEDDED INTO EXISTING WALLS.
- REFER TO ASBESTOS AND MEP DRAWINGS FOR ADDITIONAL REMOVAL INFORMATION.
- PROVIDE TEMPORARY SHORING AS NECESSARY AT ALL AREAS OF WALL REMOVAL AND NEW WALL PENETRATIONS.

DEMOLITION ROOF NOTES

- COORDINATE ALL REMOVALS WITH NEW CONSTRUCTION.
- PATCH AND REPLACE EXISTING AND NEWLY CREATED HOLES IN ROOF (DUE TO REMOVAL) WITH MATERIALS TO MATCH EXISTING CONSTRUCTION.
- SALVAGED ITEMS SHALL BE TURNED OVER TO OWNER, UNO.
- ALL KEYED REMOVALS SHALL INCLUDE REMOVAL OF ANY AND ALL ANCHORING SYSTEMS INCLUDING OBJECTS EMBEDDED INTO EXISTING WALLS.
- REMOVE EXISTING ROOF MATERIAL AND INSULATION DOWN TO EXISTING ROOF DECK, UNO.
- EXISTING CURBS, VENTS, AND OTHER PENETRATION SIZES AND LOCATIONS ARE APPROXIMATE. CONTRACTOR SHALL VERIFY IN FIELD AND COORDINATE AS REQUIRED PRIOR TO BID.
- COORDINATE WITH ABATEMENT DRAWINGS.
- COORDINATE WITH STRUCTURAL, MECHANICAL, PLUMBING, AND ELECTRICAL DRAWINGS.

ROOF LEGEND

- R ROOF DRAIN
- CU CONDENSING UNIT
- E EXHAUST FAN
- R ROOF HOOD
- EXISTING ROOFING TO BE REMOVED

CEILING DEMOLITION LEGEND

- GW8 OR PLASTER CEILING, REFER TO DETAILS AND ROOM FINISH SCHEDULE.
- SUSPENDED ACOUSTICAL CEILING TILE SYSTEM
- CEILING HEIGHT ABOVE FINISHED FLOOR.

ELECTRICAL EQUIPMENT

REFER TO ELECTRICAL DRAWINGS FOR ADDITIONAL INFORMATION.

- 2'x4' LIGHT FIXTURE
- 2'x2' LIGHT FIXTURE
- 1'x LIGHT FIXTURE
- PENDANT LIGHT FIXTURE
- RECESSED DOWN LIGHT
- CEILING MOUNTED EXIT SIGN
- CEILING MOUNTED OCCUPANCY SENSOR
- CEILING MOUNTED SMOKE DETECTOR
- CEILING MOUNTED HEAT DETECTOR
- CEILING MOUNTED PA SPEAKER
- CEILING MOUNTED SECURITY J-BOX
- CEILING MOUNTED MOTION SENSOR
- CEILING MOUNTED DATA J-BOX

MECHANICAL EQUIPMENT

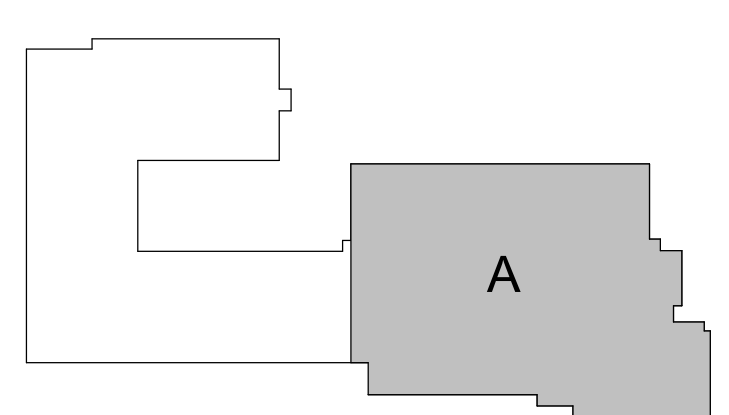
REFER TO MECHANICAL DRAWINGS FOR ADDITIONAL INFORMATION.

- HVAC SUPPLY GRILLE
- HVAC RETURN GRILLE

KEY NOTES

#	DESCRIPTION
A.2	REMOVE CASEWORK IN ITS ENTIRETY, INCLUDING ALL BLOCKING, FASTENERS, AND BASE. REFER TO ELECTRICAL AND PLUMBING DRAWINGS FOR ADDITIONAL REMOVALS.
C.1	REMOVE EXISTING SUSPENDED CEILING SYSTEM IN ITS ENTIRETY, INCLUDING ALL HANGERS AND FASTENERS. REFER TO ELECTRICAL AND MECHANICAL DRAWINGS FOR EQUIPMENT REMOVALS.
C.2	REMOVE EXISTING PLASTER CEILING SYSTEM IN ITS ENTIRETY, INCLUDING ALL FRAMING AND FASTENERS. REFER TO ELECTRICAL AND MECHANICAL DRAWINGS FOR EQUIPMENT REMOVALS.
D.1	REMOVE DOOR, HARDWARE, AND FRAME IN ITS ENTIRETY.
E.1	LIGHT FIXTURE REMOVAL, REFER TO 'E' DRAWINGS AND ABATEMENT DRAWINGS AND REPORT.
F.1	REMOVE FLOOR FINISH, INCLUDING ALL PADDING, ADHESIVES AND WALL BASE, TO SLAB BELOW.
F.10	REMOVE FLOOR FINISH, INCLUDING ALL PADDING, ADHESIVES AND WALL BASE AND TRANSITION STRIPS, TO SLAB BELOW.
G.2	REMOVE WINDOW SYSTEM IN ITS ENTIRETY, INCLUDING ALL SILLS, FLASHING AND FASTENERS.
G.2	REMOVE STOREFRONT SYSTEM IN ITS ENTIRETY, INCLUDING ALL DOORS, HARDWARE, AND ANCHORING DEVICES.
W.2	SAWCUT AND REMOVE MASONRY WALL FOR EXTENT SHOWN, COORDINATE REMOVAL WITH NEW WORK.
W.3	REMOVE PARTITION IN ITS ENTIRETY.
W.4	REMOVE STUD PARTITION WALL FOR EXTENT SHOWN, COORDINATE REMOVAL WITH NEW WORK.

KEY PLAN



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Consultant

CITY SCHOOL DISTRICT OF NEW ROCHELLE
COLUMBUS ELEMENTARY SCHOOL
2023 CAPITAL PROJECTS - PHASE 2A

Project Title



Expiration Date: 02/28/2025

NO.	DATE	REV.	DESCRIPTION
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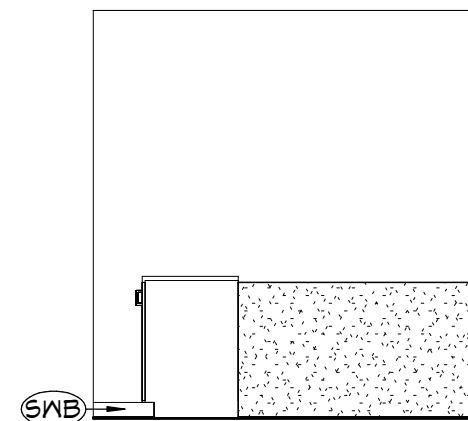
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Checked By:	MZ
Proj. #:	66-11-00-01-0-005-014
CSArch Proj. #:	188-2301.02
Issued for Bid:	03/14/2025

Sheet Title
ENLARGED
DEMOLITION
FLOOR, RCP,
AND ROOF
PLANS

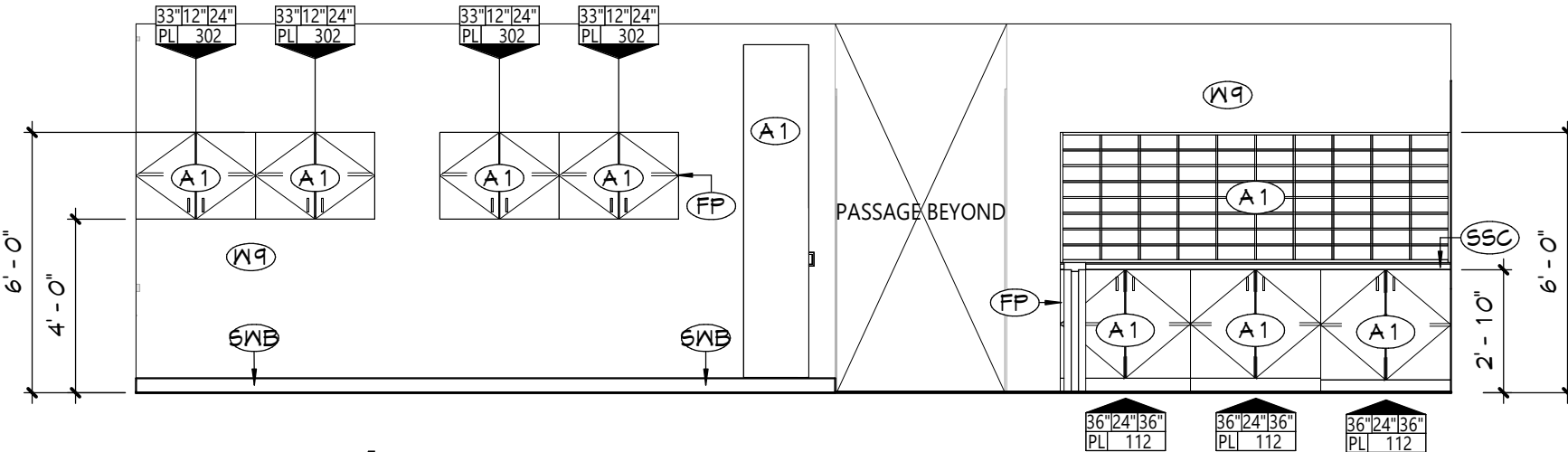
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CES
AD601

CONSTRUCTION DOCUMENTS

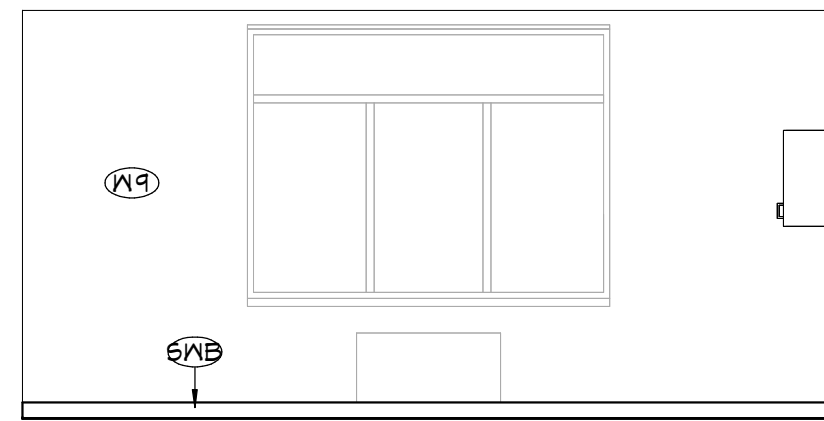
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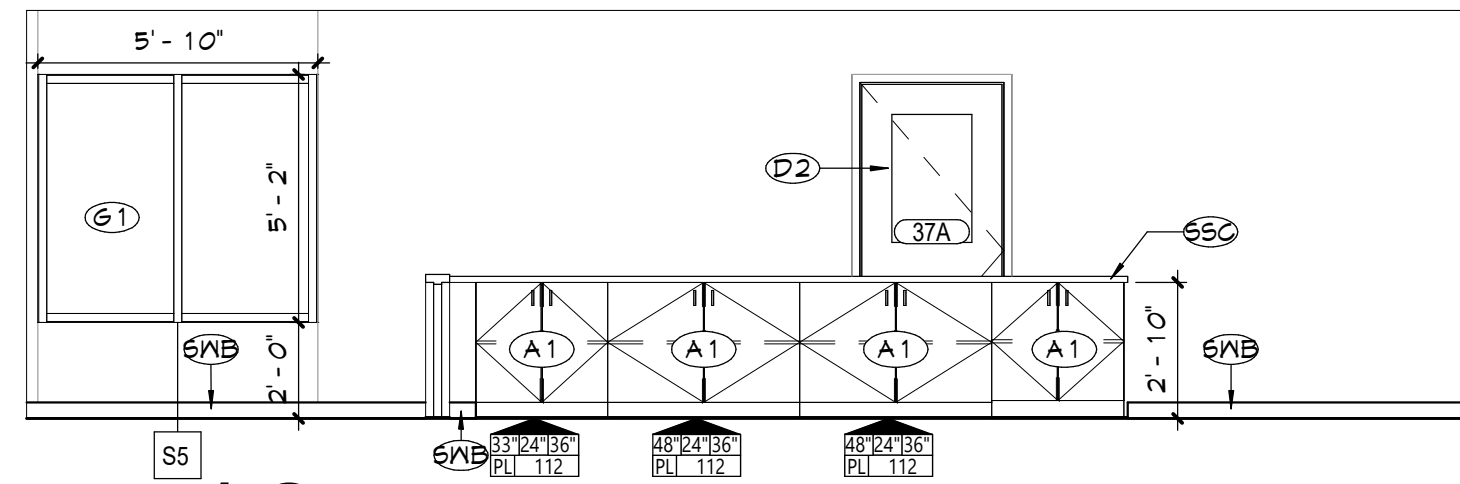
16 MAIN OFFICE CASEWORK ELEVATION
A601 1/4" = 1'-0"



15 MAIN OFFICE WEST ELEVATION
A601 1/4" = 1'-0"



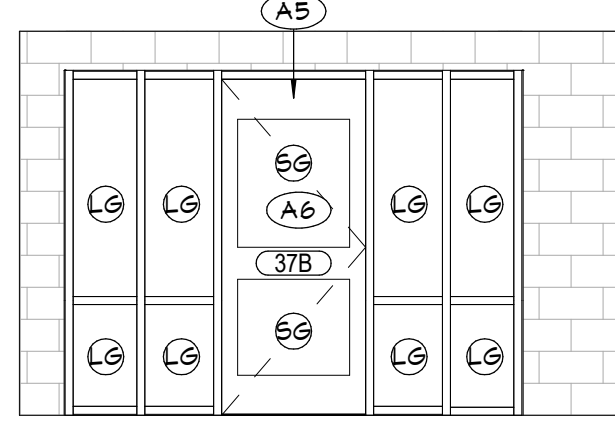
14 MAIN OFFICE SOUTH ELEVATION
A601 1/4" = 1'-0"



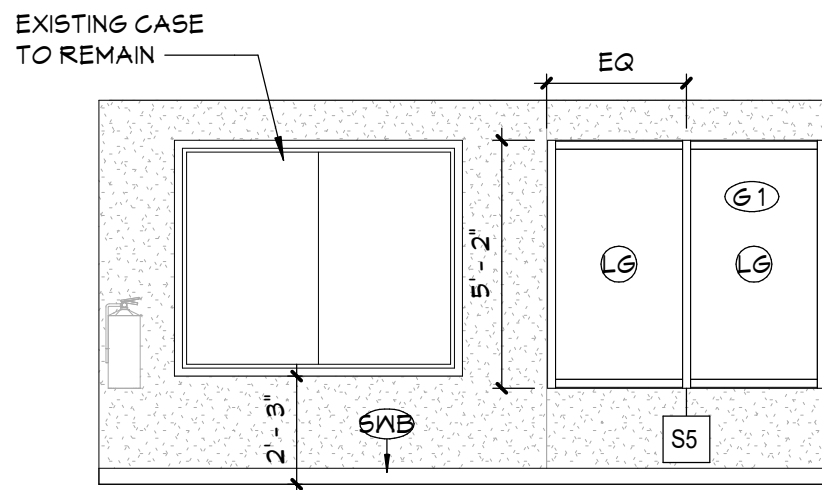
13 MAIN OFFICE EAST ELEVATION
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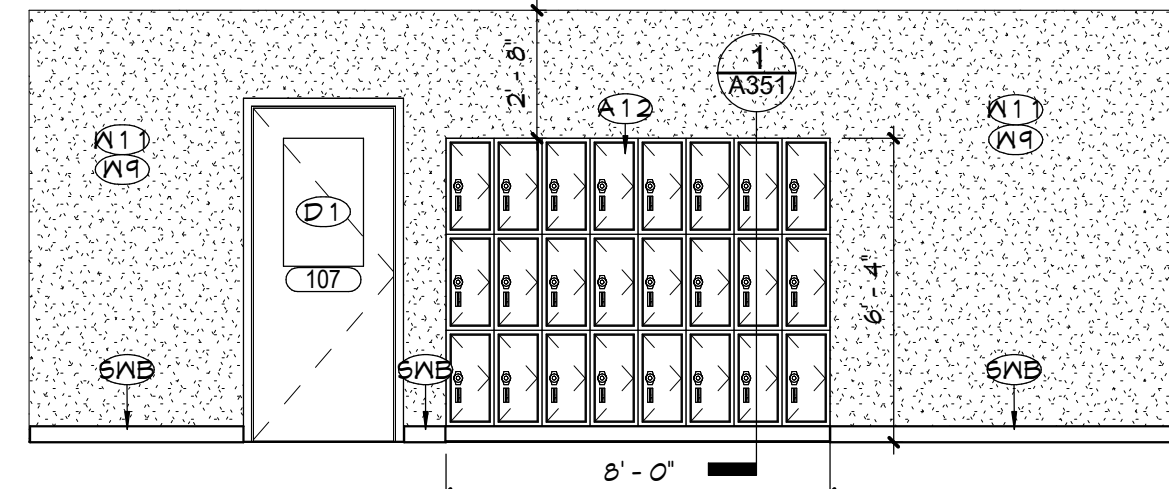
12 MAIN OFFICE NORTH ELEVATION
A601 1/4" = 1'-0"



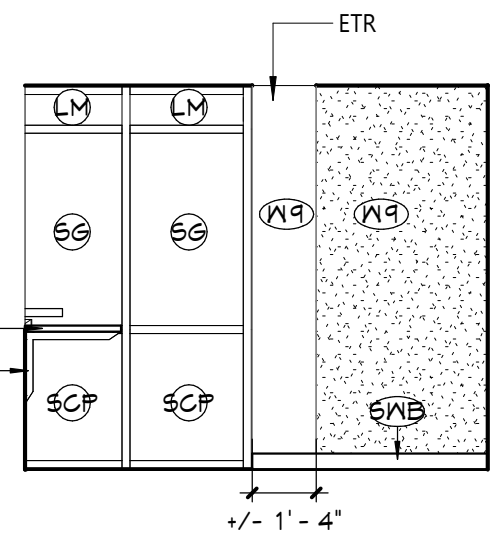
11 MAIN OFFICE EXTERIOR SOUTH ELEVATION
A601 1/4" = 1'-0"



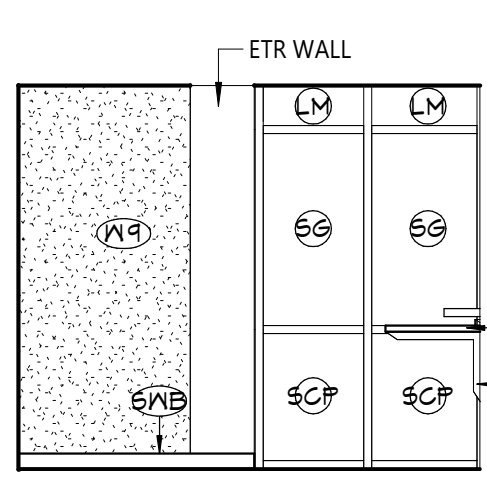
10 LOBBY WEST ELEVATION
A601 1/4" = 1'-0"



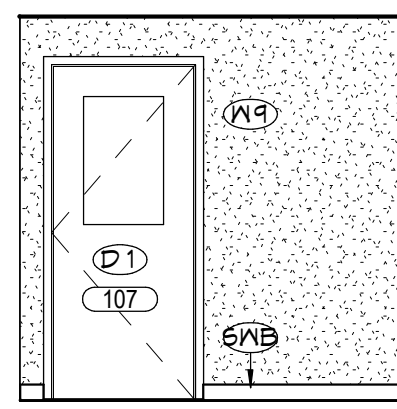
9 CAFETERIA WEST ELEVATION
A601 1/4" = 1'-0"



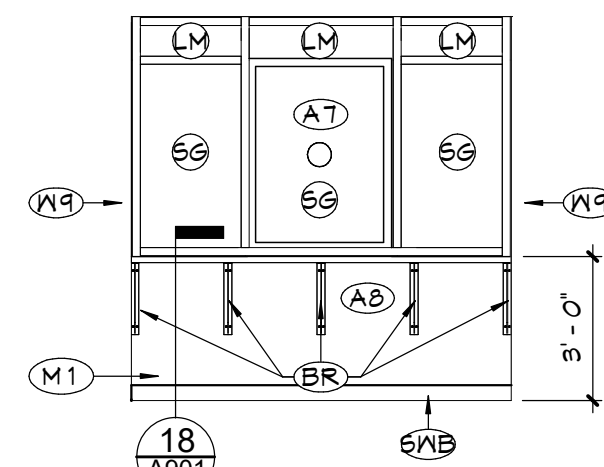
8 SECURITY OFFICE NORTH ELEVATION
A601 1/4" = 1'-0"



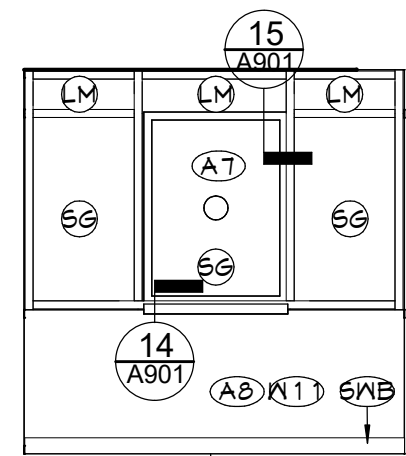
7 SECURITY OFFICE SOUTH ELEVATION
A601 1/4" = 1'-0"



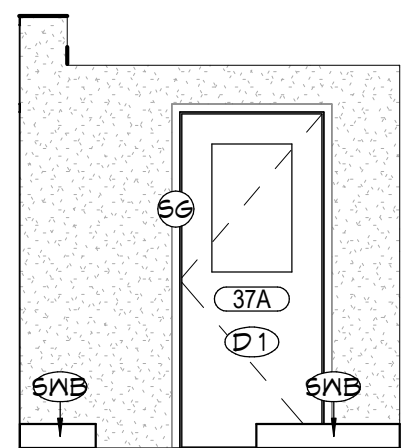
6 SECURITY OFFICE EAST ELEVATION
A601 1/4" = 1'-0"



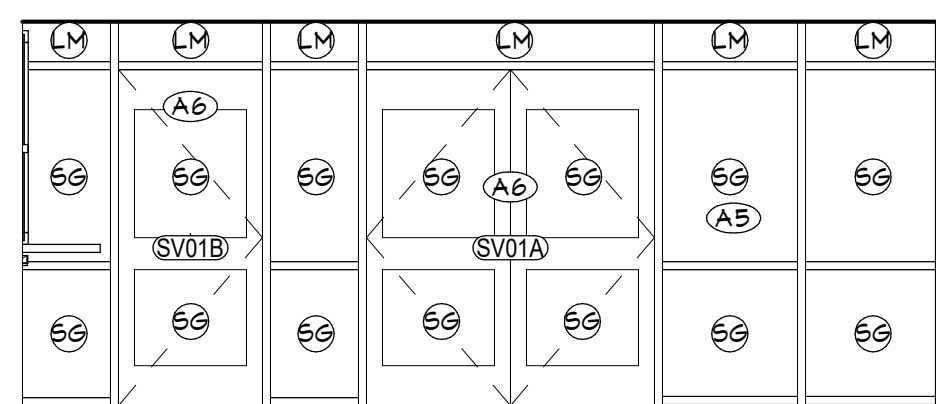
5 SECURITY OFFICE WEST ELEVATION
A601 1/4" = 1'-0"



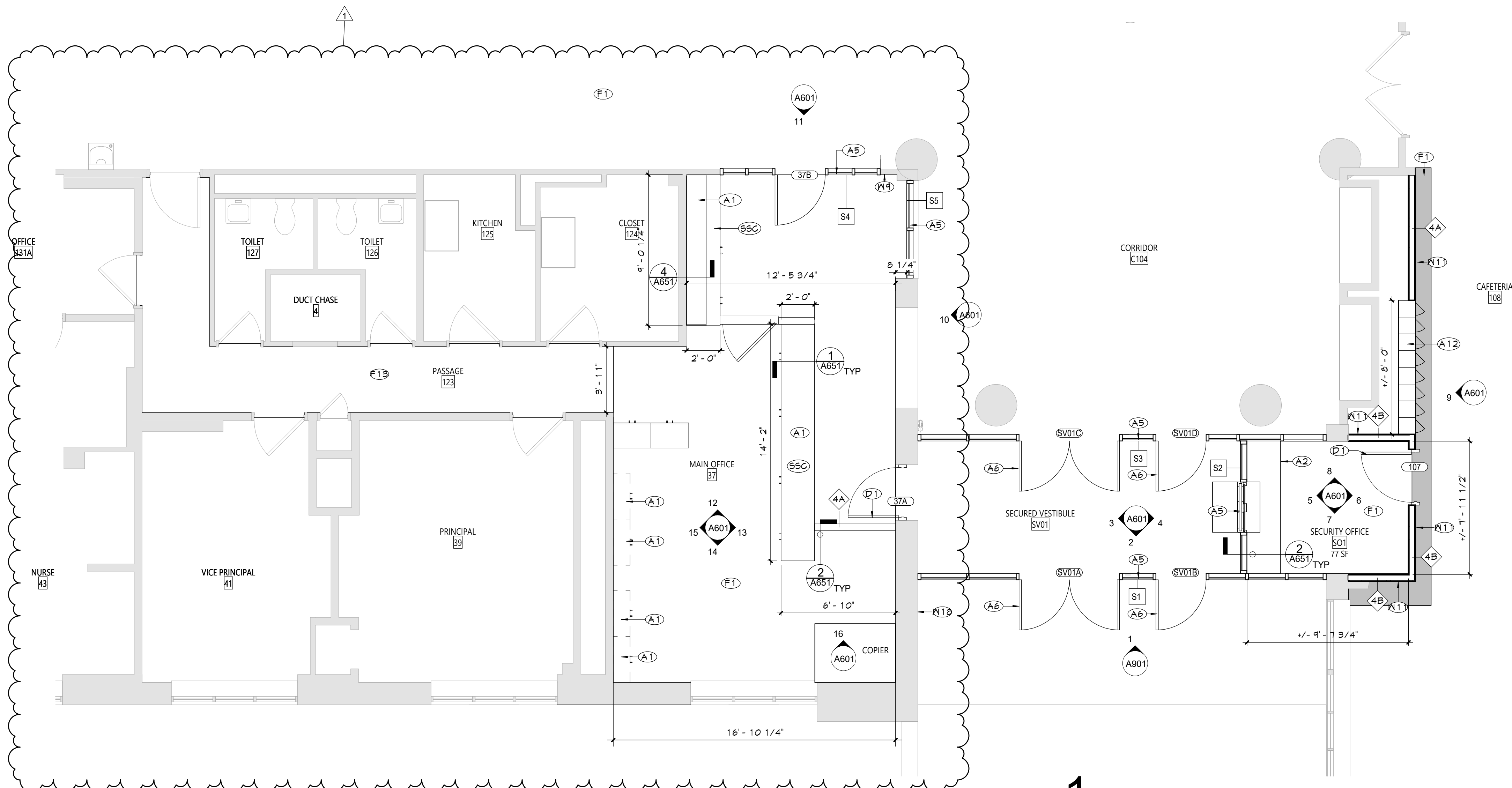
4 FRONT DOOR EAST ELEVATION
A601 1/4" = 1'-0"



3 FRONT DOOR WEST ELEVATION
A601 1/4" = 1'-0"



2 FRONT DOOR SOUTH ELEVATION
A601 1/4" = 1'-0"



1 AREA 'A' FIRST FLOOR PLAN
A601 1/4" = 1'-0"

GENERAL NOTES

1. REFER TO SHEET G001 FOR ADDITIONAL GENERAL NOTES.
2. REFER TO L5100 SERIES DRAWINGS FOR LIFE SAFETY PLANS AND DETAILED INFORMATION.
3. REFER TO A350 SERIES DRAWINGS FOR DIMENSIONS, DETAILS, AND ADDITIONAL LOCKER INFORMATION.
4. REFER TO A400 SERIES DRAWINGS FOR DIMENSIONS, DETAILS, AND ADDITIONAL ROOFING INFORMATION.
5. REFER TO A600 SERIES DRAWINGS FOR DIMENSIONS, DETAILS, AND ADDITIONAL DIMENSIONS AND DETAILED INFORMATION OF CABINETS.
6. REFER TO SHEET A701 FOR PARTITION TYPES AND ADDITIONAL NOTES.
7. REFER TO SHEET A800 SERIES DRAWINGS ADDITIONAL DIMENSIONS AND DETAILED INFORMATION OF CEILING SCOPE.
8. REFER TO A800 SERIES DRAWINGS FOR DOOR, STOREFRONT, WINDOW, DETAILS, SCHEDULES, AND NOTES.
9. REFER TO A100 SERIES DRAWINGS FOR FINISH SCHEDULES, PLANS, AND NOTES.

GENERAL NOTES

1. ALL CASEWORK SHALL HAVE SOLID SURFACE COUNTERTOPS AND 4" BACK SPLASHES, UNO.
2. INSTALL MATCHING FILLER PANELS IN LOCATIONS SHOWN. ADD MATCHING FILLER PANELS AS REQUIRED FOR FINAL FINISH.
3. PROVIDE BLOCKING IN ALL ADJACENT WALLS AS REQUIRED TO INSTALL ALL CASEWORK.
4. PROVIDE FINISHED END PANEL AT ALL EXPOSED FACES OF CASEWORK.
5. PROVIDE WALL BASE AS SCHEDULED ON ALL EXPOSED TOE KICK SPACES AND EXPOSED END PANELS.

CASEWORK NOTES

- WIDTH OF CASEWORK
DEPTH OF CASEWORK
HEIGHT OF CASEWORK
- AWI DESIGN NUMBER (INDICATES ELEVATION LAYOUT ONLY. REFER TO DETAILS AND SPECIFICATIONS FOR CASEWORK CONSTRUCTION REQUIREMENTS)
- TYPE OF CASEWORK
PL = PLASTIC LAMINATE
M = METAL
W = WOOD

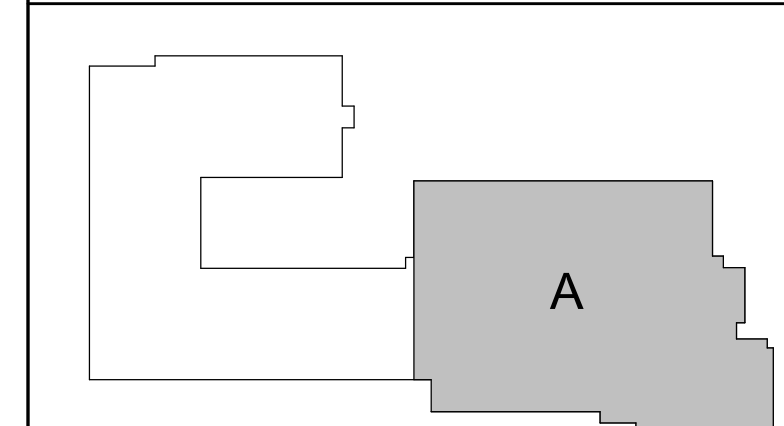
KEY NOTES

- | # | DESCRIPTION |
|-----|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| A1 | PROVIDE AND INSTALL NEW CASEWORK. |
| A2 | PROVIDE NEW GREETER / SECURITY DESK. DESK TO BE CONSTRUCTED OF A NON-COMBUSTIBLE MATERIAL WITHOUT STORAGE COMPARTMENTS OR ADDITIONAL STORAGE UNITS BELOW. DESK TO BE SECURED IN PLACE WITH MOUNTING TO FLOOR AND ADJACENT WALLS. |
| A5 | PROVIDE NEW STOREFRONT SYSTEM AS SPECIFIED. |
| A6 | PROVIDE NEW DOOR AND DOOR HARDWARE IN NEW STOREFRONT AS SPECIFIED. |
| A7 | PROVIDE NEW SECURITY TRANSACTION WINDOW AS SPECIFIED. |
| A8 | PROVIDE NEW FULL HEIGHT HARDENED PARTITION. REFER TO DETAILS FOR ADDITIONAL INFORMATION. |
| A12 | PROVIDE NEW LOCKER SYSTEM. REFER TO ELEVATIONS AND DETAILS FOR MORE INFORMATION. |
| BR | STEEL SUPPORT BRACKET |
| D1 | PROVIDE DOOR, HARDWARE, AND FRAME IN ITS ENTIRETY. |
| D2 | PROVIDE DOOR AND HARDWARE, FRAME TO REMAIN. |
| F1 | PROVIDE NEW FLOOR FINISH, (TYPICAL FOR ROOM, UNLESS NOTED OTHERWISE) REFER TO 'M' DRAWINGS. |
| F13 | PROVIDE NEW FLOOR FINISH, (TYPICAL FOR ROOM, UNLESS NOTED OTHERWISE) REFER TO 'M' DRAWINGS. |
| G1 | PROVIDE NEW SPECIFIED WINDOW SYSTEM. |
| M1 | MECHANICAL INSTALLATION TYPICAL REFER TO 'M' DRAWINGS. |
| SSC | SOLID SURFACE COUNTERTOP, CONTINUOUS |
| SWB | SCHEDULED WALL BASE |
| W9 | PREP AND PAINT WALL SURFACE IN ITS ENTIRETY. |
| W11 | PROVIDE NEW PARTITION. |
| W18 | PATCH WALL TO MATCH ADJACENT WALL THICKNESS AND FINISH. |

GLAZING TYPES

- LM LAMINATED GLASS
SCP SECURITY RATED PANEL
SG SECURITY GLAZING

KEY PLAN



KEY PLAN



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CITY SCHOOL DISTRICT OF NEW ROCHELLE
COLUMBUS ELEMENTARY SCHOOL
2023 CAPITAL PROJECTS - PHASE 2A

Project Title



Expiration Date: 02/28/2025

NO.	DATE	REV	DESCRIPTION
1	03/08/2025		

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Sheet Title

ENLARGED
NEW WORK
PLAN

Sheet No.

CES
A601

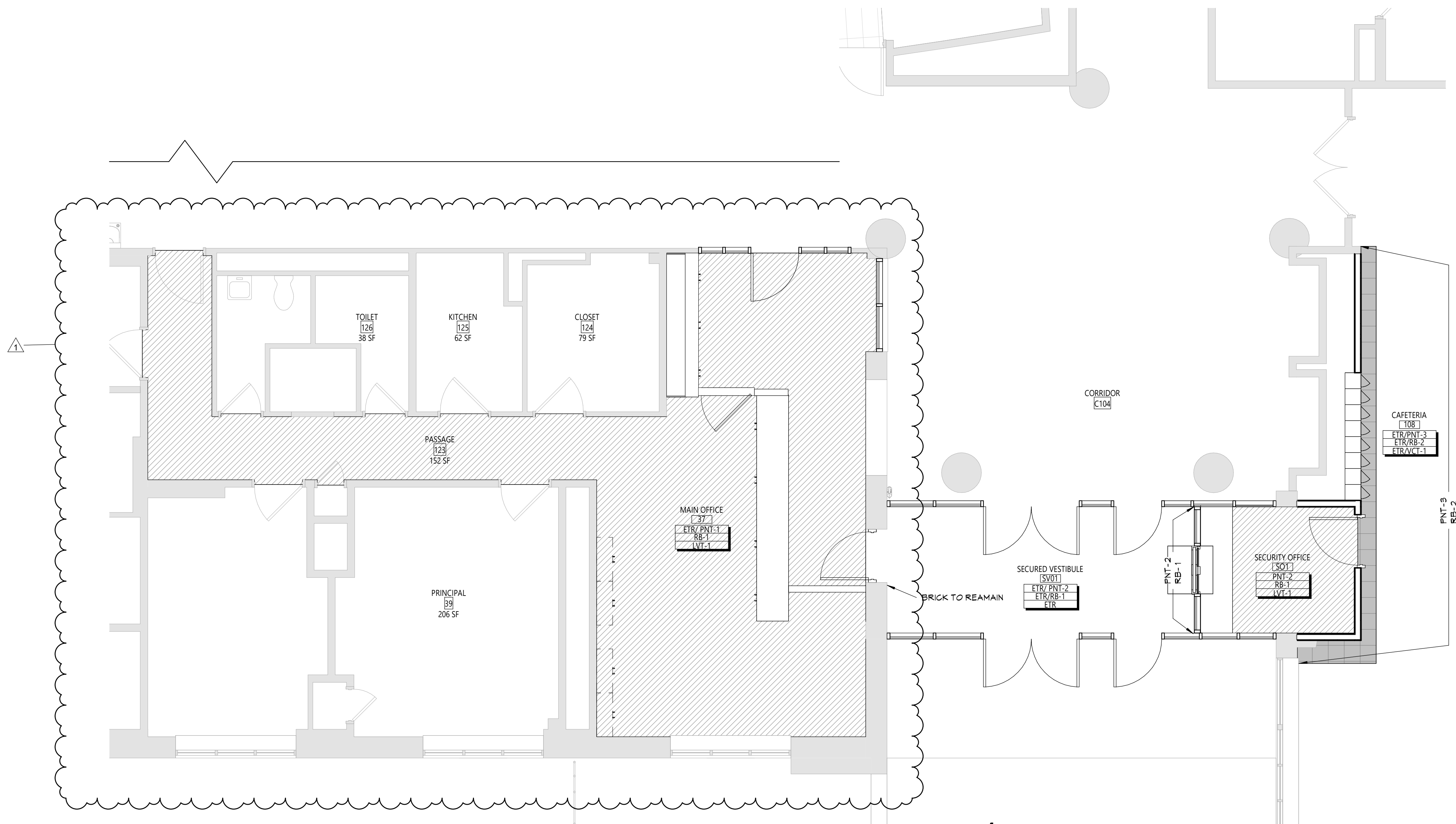
CONSTRUCTION DOCUMENTS

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ROOM FINISH SCHEDULE					
NUMBER	NAME	Wall Finish	FLOOR		CEILING
			FINISH	BASE	
37	MAIN OFFICE	ETR/ PNT-1	LVT-1	RB-1	
108	CAFETERIA	ETR/PNT-3	ETR/VCT-1	ETR/RB-2	
S01	SECURITY OFFICE	PNT-2	LVT-1	RB-1	PNT-4
SV01	SECURED VESTIBULE	ETR/ PNT-2	ETR	ETR/RB-1	PNT-4

MATERIALS LEGEND					
MATERIAL	MANUFACTURER	MODEL	COLOR #/NAME	SIZE	NOTE
LUXURY VINYL TILE					
LVT-1	MANNINGTON	C0135 MATUTO PLUS STONE	915A FROSTBITE STONE	12" X 24"	TYP. FLOOR
PAINT					
PNT-1	SHERWIN WILLIAMS	EGGSHELL	AS SELECTED FROM FULL RANGE OF COLOR / MATCH EXISTING		MAIN OFFICE
PNT-2	SHERWIN WILLIAMS	EGGSHELL	AS SELECTED FROM FULL RANGE OF COLOR / MATCH EXISTING		SECURED VESTIBULE/ SECURITY - MATCH TO CORRIDOR C104
PNT-3	SHERWIN WILLIAMS	SEMI-GLOSS	AS SELECTED FROM FULL RANGE OF COLOR / MATCH EXISTING		CAFETERIA
PNT-4	SHERWIN WILLIAMS	FLAT	SW 7005 PURE WHITE		GYPSUM CEILINGS
PNT-5	SHERWIN WILLIAMS	SEMI-GLOSS	AS SELECTED FROM FULL RANGE OF COLOR / MATCH EXISTING		HM DOOR & FRAME
PLASTIC LAMINATE					
PLAM-1	WILSONART	PLASTIC LAMINATE	FAWN CYPRESS		MAIN OFFICE
RUBBER BASE					
RB-1	TARKETT	BASEWORKS	AS SELECTED FROM FULL RANGE OF COLOR / MATCH EXISTING	MATCH EXISTING	TYP. BASE
RB-2	TARKETT	BASEWORKS	AS SELECTED FROM FULL RANGE OF COLOR / MATCH EXISTING	MATCH EXISTING	PATCH @ CAFETERIA
SOLID SURFACE					
SS-1	DUPONT	CORIAN	DOVE		MAIN OFFICE AND SECURITY
VINYL COMPOSITION TILE					
VCT-1	ARMSTRONG	STANDARD EXCELRON IMPERIAL TEXTURE	AS SELECTED FROM FULL RANGE OF COLOR / MATCH EXISTING	12" X 12"	PATCH @ CAFETERIA



1 AREA 'A' FIRST FLOOR FINISH PLAN
AF001 1/4" = 1'-0"

DISCLAIMER NOTE	
MANUFACTURER'S NAMES AND FINISH INFORMATION ARE INDICATED AS REFERENCED TO THE ARCHITECT'S BASIS-OF-DESIGN SELECTIONS AND HAVE BEEN DETERMINED PRIOR TO BID. THE CONTRACTOR AND OWNER ARE HEREBY NOTIFIED THAT FINISHES INSTALLED IN THE WORK ARE SUBJECT TO CHANGE IN RESPONSE TO SUBMITTALS, CONFIRMED SELECTIONS, PRODUCT AVAILABILITY AND THE SUBSEQUENT COORDINATION OF FINISHES BY ARCHITECT AND MAY DIFFER FROM PRODUCTS LISTED HEREIN.	
ABBREVIATIONS	
ACMU	ARCHITECTURAL CONCRETE MASONRY UNIT
ACT	ACOUSTICAL CEILING TILE
APC	ACOUSTICAL PANEL/CEILING
BBT	BIO-BASED TILE
BRK	BRICK
CT	CERAMIC FLOOR TILE
CMU	CONCRETE MASONRY UNIT
CONC	CONCRETE
CPT	CARPET
CTB	CERAMIC TILE BASE
CWT	CERAMIC WALL TILE
ETR	EXISTING TO REMAIN
EXP	EXPOSED
EXST	EXISTING
FAC/FF	FACTORY FINISH
GWB	GYPSUM WALL BOARD
LMC	LINEAR METAL CEILING
LVT	LUXURY VINYL TILE
MSS	MUSIC STORAGE SYSTEM
MWP	METAL WALL PANEL
PCON	POLISHED CONCRETE
PLAM	PLASTIC LAMINATE
PLAS	PLASTER
PNT	PAINT
RAF	RESILIENT ATHLETIC FLOORING
RB	RUBBER BASE
RF	RESINOUS FLOORING
RST	RUBBER STAIR TREAD / LANDING
RT	RUBBER TILE FLOORING
SCONC	SEALED CONCRETE
SS	SOLID SURFACE
STF	SYNTHETIC TURF FLOORING
STL	STEEL
TEBR	TERRAZZO
TP	TOILET PARTITIONS
TYP	TYPICAL
VCT	VINYL COMPOSITION TILE
VCTAS	VINYL COMPOSITION TILE ANTI-STATIC
VWC	VINYL WALLCOVERING
WAF	WOOD ATHLETIC FLOORING
WD	WOOD
WOM	WALK-OFF MAT

GENERAL FINISH NOTES	
1. ALL EXPOSED SURFACES OF NEW PARTITIONS ARE TO BE PAINTED.	
2. WHEN ANY WORK IS PERFORMED ON ANY EXISTING WALL, THE ENTIRE WALL SURFACE IS TO BE PAINTED CORNER TO CORNER, UNLESS NOTED OTHERWISE.	
3. ALL ELECTRIC, MECHANICAL COMPONENTS AND TELEPHONE PANELS EXPOSED IN A ROOM TO MATCH WALL COLOR.	
4. ALL NEW GWB CEILINGS, FASCIAS, AND SOFFITS TO BE PAINTED PNT-4, UNO.	
5. NEW HM DOORS, DOOR FRAMES AND WINDOW FRAMES AND ETR CORRIDOR DOOR & WINDOW FRAMES AS SCHEDULED ON A900 SERIES DRAWINGS, PNT-5.	
6. IF WALL DAMAGE OCCURS DURING THE REMOVAL OF DOORS, FRAMES, OR EQUIPMENT, REPAIR AND REPAINT THE SURFACE.	

FINISH KEYS	
Room Name [TOT]	
Wall Finish [TOT]	
Base Finish [TOT]	
Floor Finish [TOT]	
PNT-#	AGENT PAINT LOCATION
LVT-1	
VCT-1	

KEY PLAN	
A	

FIRST FLOOR FINISH PLAN	
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CES AF001	
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CONSTRUCTION DOCUMENTS	
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COLUMBUS ELEMENTARY SCHOOL
2023 CAPITAL PROJECTS - PHASE 2A

Project Title

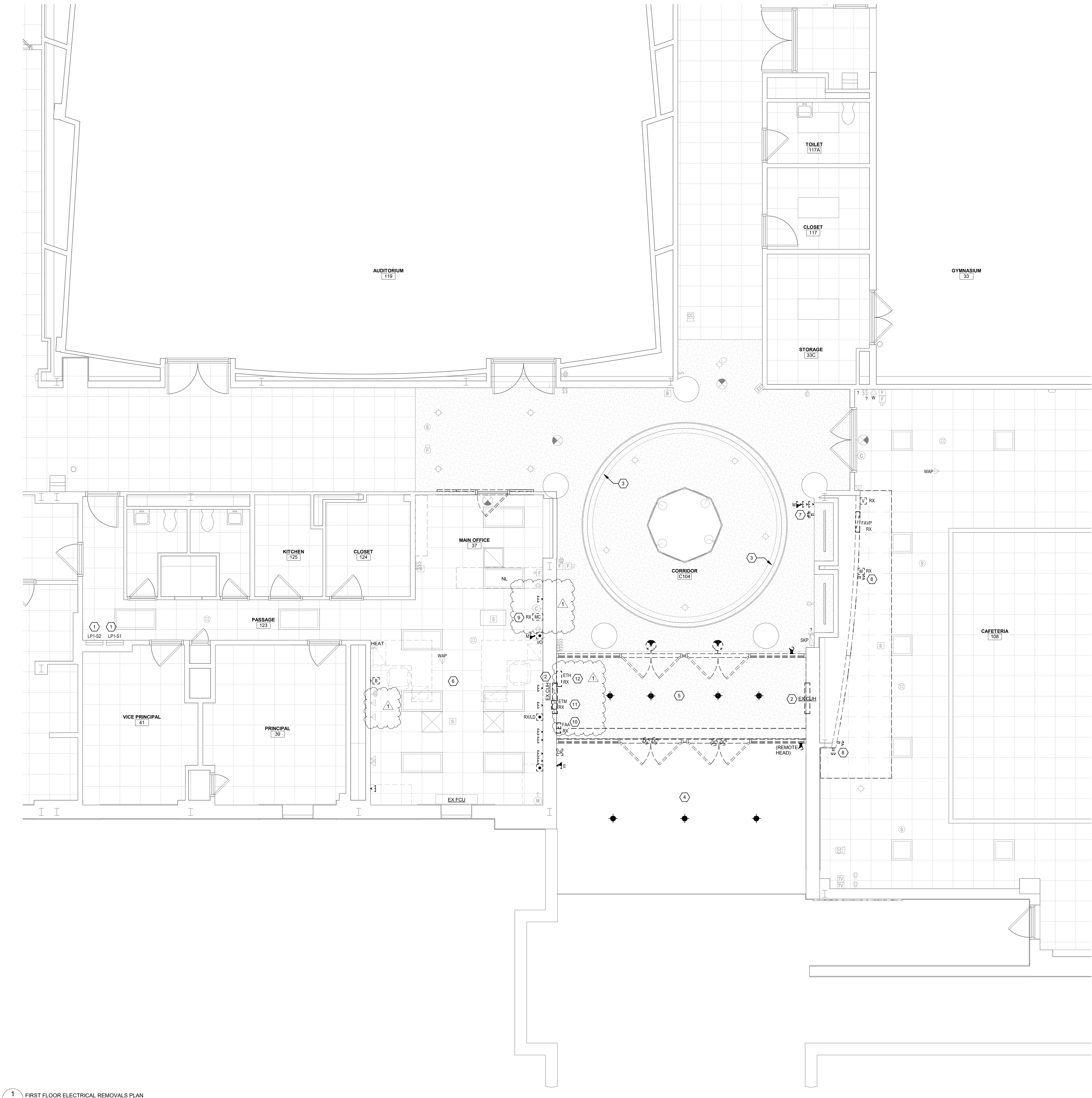
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Checked By: 66-11-00-01-0-005-014
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CSArch Proj. #: 03/14/2025
Issued for Bid:

Sheet Title

Sheet No.

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1 FIRST FLOOR ELECTRICAL REMOVALS PLAN
ED101 1/4" = 1'-0"

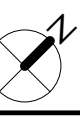
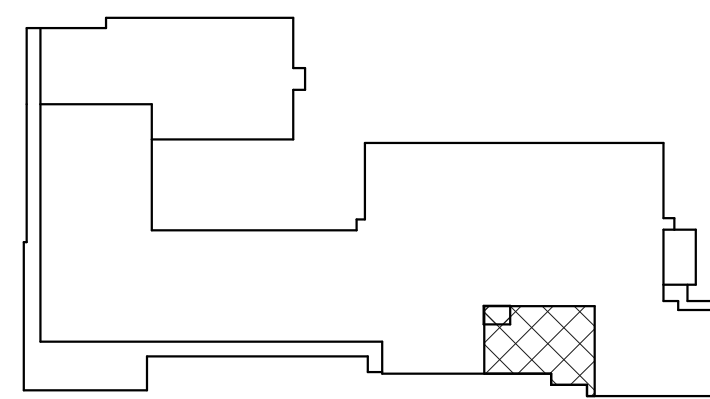
GENERAL NOTES

- A. SCOPE: ELECTRICAL REMOVALS PLAN INDICATES GENERAL SCOPE OF ELECTRICAL REMOVALS WORK, BUT DOES NOT SHOW ALL ELEMENTS OF SAME. PROVIDE ALL ELECTRICAL DISCONNECTIONS AND REMOVALS WORK INDICATED ON DRAWINGS, REQUIRED BY THE SPECIFICATIONS, AND THAT ARE REASONABLY REQUIRED FOR SUCCESSFUL PROJECT COMPLETION.
- B. LIGHT/GRAY LINES: INDICATE EXISTING ELECTRICAL ITEMS TO REMAIN, UNLESS INDICATED OTHERWISE.
- C. BLACK DASHED LINES: REMOVE ALL ELECTRICAL ITEMS SHOWN WITH BLACK DASHED LINES UNLESS INDICATED OTHERWISE. REMOVE ALL ASSOCIATED WIRING AND ALL WIRING WHICH IS OR WILL NO LONGER BE IN USE. REMOVE ALL EXISTING CONDUITS, BOXES, STRAPS, ETC. WHICH WILL NO LONGER BE IN USE.
- D. "BY": INDICATES RELOCATE EXISTING ELECTRICAL ITEM. SEE DRAWING E101, E102 FOR CORRESPONDING NEW LOCATION.
- E. EXISTING BRANCH CIRCUITS DISCONNECTED. GENERALLY RETAIN EXISTING 120V AND 208V BRANCH CIRCUITS BEING DISCONNECTED AS PART OF REQUIRED ELECTRICAL REMOVALS WORK. REUSE SAME PER DWGS. E101, E102 AND AS REQUIRED. FOR ANY SUCH DISCONNECTED EXISTING CIRCUITS NOT BEING REUSED, REMOVE COMPLETE BACK TO SOURCE.

KEYED NOTES

- 1 EXISTING 120/208V, 3ø, 4W PANELBOARD TO REMAIN.
- 2 RETAIN EXISTING EXISTING 120V VESTIBULE CABINET CIRCUIT FOR REUSE PER DWG. E102.
- 3 EXISTING COLD CATHODE COVE LIGHTING TO REMAIN.
- 4 RETAIN EXISTING 120V CANOPY LIGHTING CIRCUIT FOR REUSE PER DWG. E101.
- 5 RETAIN EXISTING VESTIBULE LIGHTING CIRCUIT FOR REUSE PER DWG. E101.
- 6 RETAIN EXISTING 120V MAIN OFFICE RECEPTACLE CIRCUITS FOR REUSE PER DWG. E102.
- 7 RETAIN EXISTING 120V SECURITY DESK RECEPTACLE CIRCUITS FOR REUSE PER DWG. E102.
- 8 RETAIN EXISTING 120V CAFETERIA RECEPTACLE CIRCUITS FOR REUSE PER DWG. E102.
- 9 DISCONNECT AND REMOVE EXISTING MASTER CLOCK, IF NO LONGER ACTIVE (CONFIRM WITH SCHOOL). IF STILL ACTIVE, RELOCATE TO NEW LOCATION PER DWG. E101.
- 10 EXISTING FIRE ALARM ANNUNCIATOR TO BE RELOCATED.
- 11 EXISTING EMERGENCY TELEPHONE MASTER STATION TO BE RELOCATED.
- 12 EXISTING EMERGENCY TELEPHONE HANDSET CABINET TO BE RELOCATED.

KEY PLAN



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CITY SCHOOL DISTRICT OF NEW ROCHELLE COLUMBUS ELEMENTARY SCHOOL 2023 CAPITAL PROJECTS - PHASE 2

Project Title



REV.	DATE	DESCRIPTION
1	03/08/2025	Bid Addendum 1

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Issued for Bid: 03/14/2025

Sheet Title

FIRST FLOOR
ELECTRICAL
REMOVALS
PLAN

Sheet No.

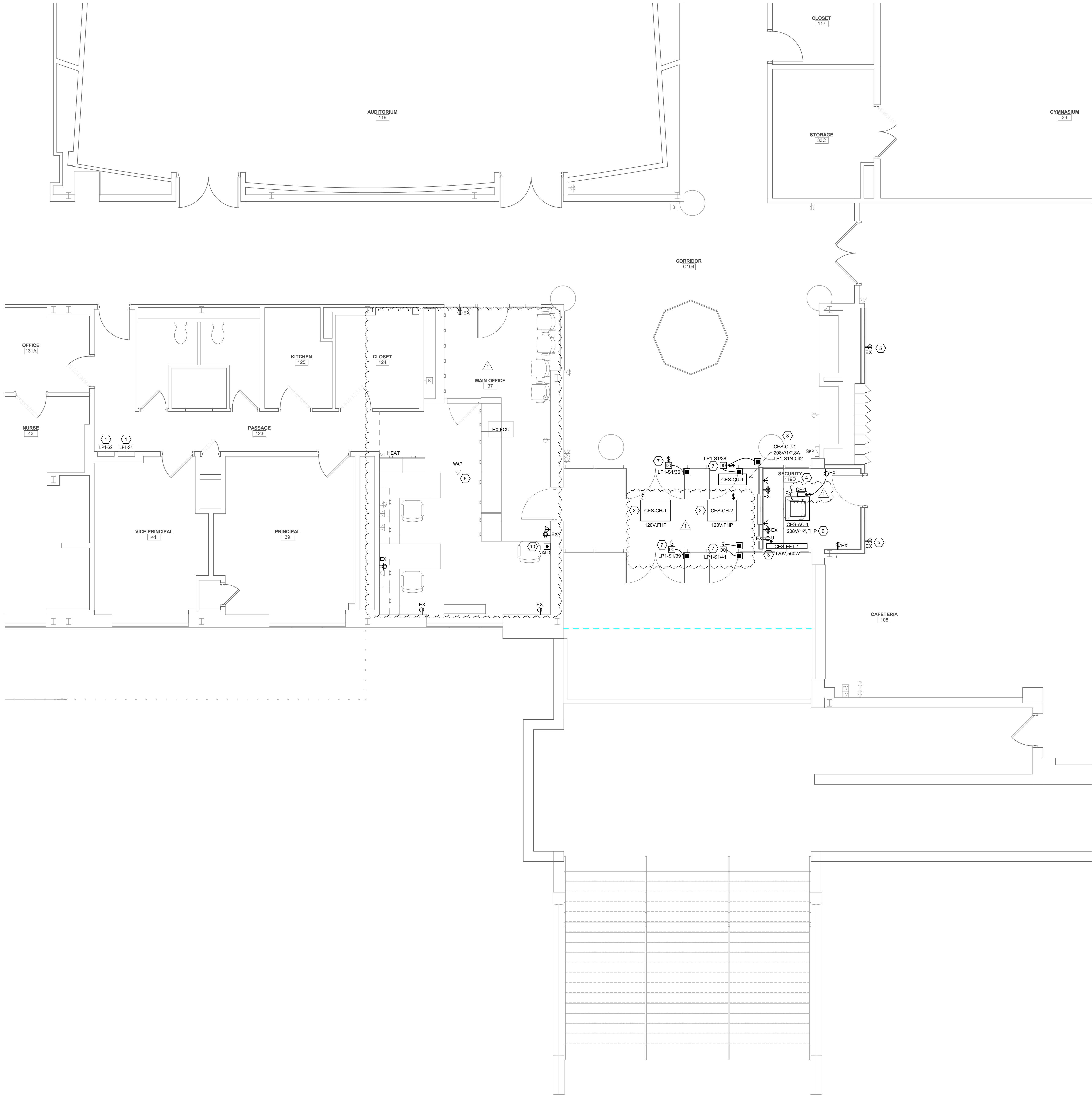
CES
ED101

CONSTRUCTION DOCUMENTS

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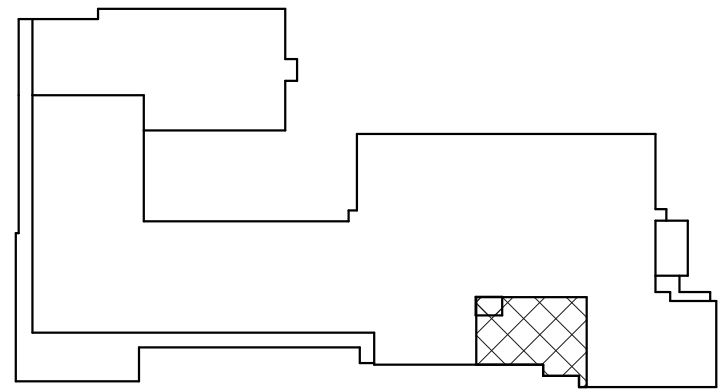
1 FIRST FLOOR POWER AND TELECOM PLAN
E102 1/4" = 1'-0"



- GENERAL NOTES**
- LIGHT/GRAY LINES: INDICATE EXISTING ELECTRICAL ITEMS TO REMAIN, UNLESS INDICATED OTHERWISE.
 - SOLID BLACK LINES: INDICATE ELECTRICAL NEW WORK, UNLESS INDICATED OTHERWISE.
 - "NC" INDICATES NEW LOCATION FOR EXISTING ELECTRICAL ITEM (SEE DWG. E101 FOR ORIGINAL LOCATION). CLEAN, CHECKOUT, REINSTALL AND RECONNECT ITEM FOR ORIGINAL, EXTENDING EXISTING CIRCUITING IN KIND AS REQUIRED.
 - "EX" INDICATES CONNECT TO EXISTING 120V, 20A LIGHTING OR RECEPTACLE CIRCUIT (AS INDICATED IN ROOM VICINITY). EXTEND CIRCUITING AS REQUIRED. FOR LIGHTING FIXTURES, MAINTAIN EXISTING LIGHTING CONTROLS UNLESS INDICATED OTHERWISE.
 - BRANCH CIRCUITS: ALL BRANCH CIRCUITS TO BE 1/2" C, 2#12 & 1#12G OR EQUIVALENT TYPE "MC" CABLE WHERE PERMITTED BY SPEC. 200501, UNLESS INDICATED OR REQUIRED OTHERWISE BY NEC.
 - TELECOM OUTLETS: FOR EACH, PROVIDE 4" SQUARE X 2-1/2" DEEP BOX WITH SINGLE-GANG EXTENSION RING AND BLANK COVERPLATE, AND 3/4" C. FROM BOX STUBBED UP TO NEAREST ACCESSIBLE CEILING SPACE. REAM AND BUSH CONDUIT STUB AND PROVIDE NYLON PULL STRING. TELECOM CABLING AND JACK(S) TO BE PROVIDED SEPARATELY BY OWNER OR OWNER'S VENDOR. COORDINATE ALL WORK AS REQUIRED.

- KEYED NOTES**
- EXISTING 120/208V, 3Ø, 4W PANELBOARD TO REMAIN.
 - CONNECT TO NEW CABINET UNIT HEATER TO EXISTING VESTIBULE CABINET HEATER 120V CIRCUIT.
 - CONNECT ELECTRIC HEATER TO EXISTING 120V VESTIBULE CABINET HEATER CIRCUIT (CONFIRM ADEQUATE CIRCUIT CAPACITY FIRST).
 - CONNECT SECURITY OFFICE RECEPES TO EXISTING 120V SECURITY DESK RECEPTACLE CIRCUIT.
 - CONNECT NEW RECEPTACLE TO EXISTING 120V CAFETERIA RECEPTACLE CIRCUIT.
 - CONNECT ALL NEW MAIN OFFICE RECEPTACLES TO EXISTING 120V MAIN OFFICE RECEPTACLE CIRCUITS. DISTRIBUTE RECEPTACLES EVENLY BETWEEN CIRCUITS.
 - CONNECT DOOR OPERATOR TO EXISTING SPARE 120V, 20A CIRCUIT BREAKER IN EXISTING PANELBOARD (CONFIRM BREAKER IS SPARE). PROVIDE 120V, 1-HOLE TOGGLE SWITCH. DISCONNECT FOR DOOR OPERATOR. PROVIDE OUTLET BOX FOR EACH REMOTE PUSH PLATE STATION AND 1/2" C. FROM DOOR OPERATOR TO EACH PUSHPLATE BOX WITH ALL CONTROL WIRING AS REQUIRED BY DIV. 8.
 - CONNECT TO NEW 208V, 1Ø, 20A/2P CIRCUIT BREAKER IN EXISTING PANELBOARD. (REMOVE TWO EXISTING SPARE 20A/1P BREAKERS, CONFIRM SPARE).
 - CONNECT A/C UNIT TO RESPECTIVE A/C CONDENSING UNIT USING 1/2" C, 2#12 & 1#12G. PROVIDE 200V, 2-HOLE TOGGLE SWITCH. DISCONNECT FOR A/C UNIT.
 - CONFIRM LOCATION FOR LOCKDOWN STATION WITH SCHOOL.

KEY PLAN

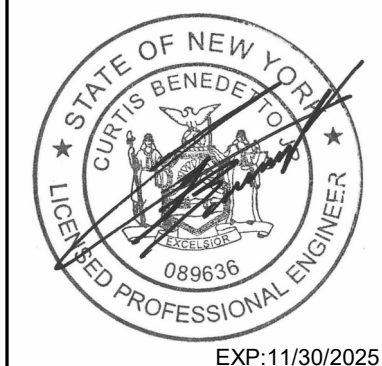


FIRST FLOOR
POWER AND
TELECOM
PLAN

Sheet No.
**CES
E102**

CONSTRUCTION DOCUMENTS

Project Title



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FIRST FLOOR
POWER AND
TELECOM
PLAN

Sheet No.

**CES
E102**

CONSTRUCTION DOCUMENTS



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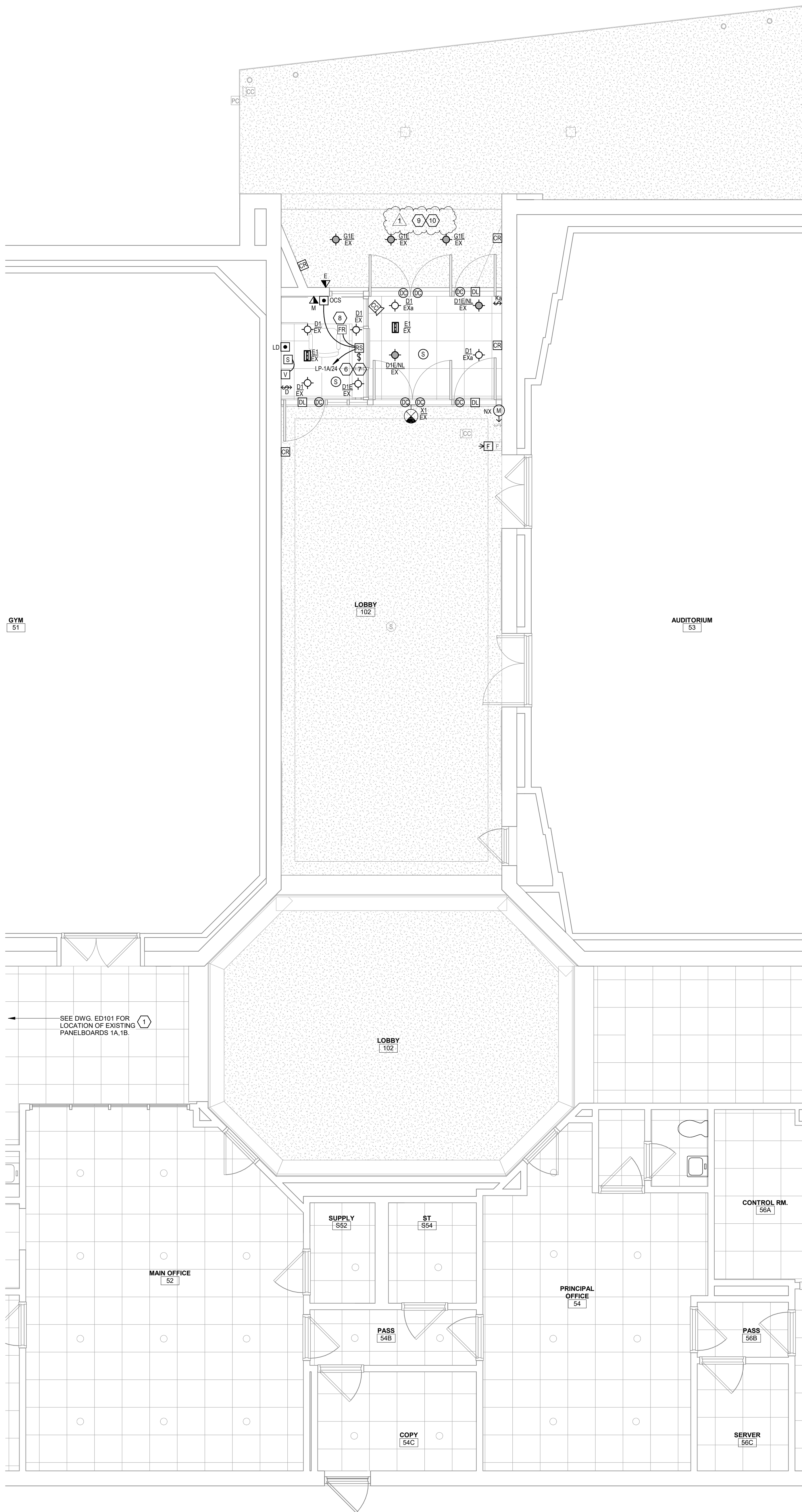
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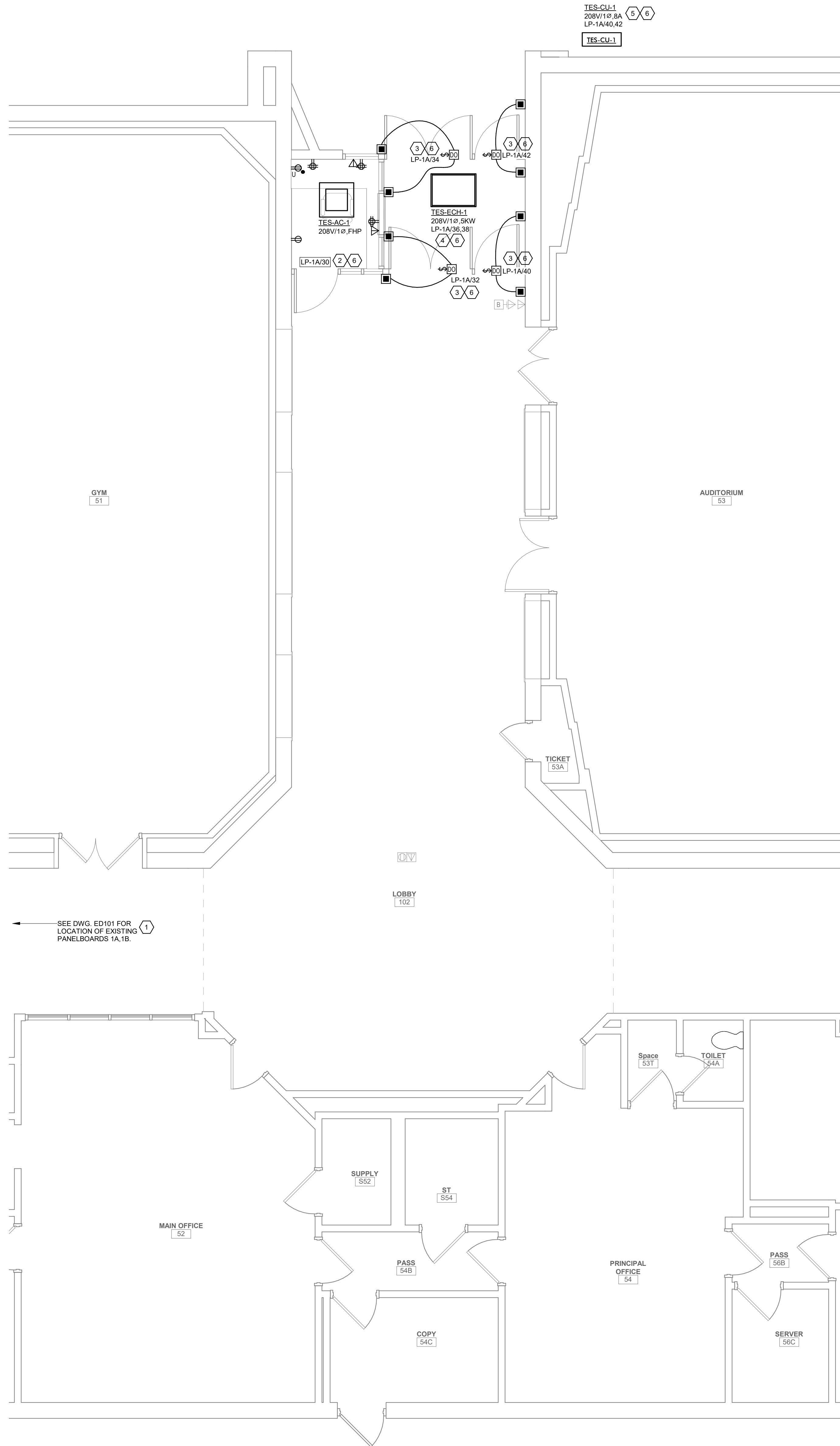
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1 FIRST FLOOR LIGHTING AND SYSTEMS PLAN
E101 1/4" = 1'-0"



2 FIRST FLOOR POWER AND TELECOM PLAN
E101 1/4" = 1'-0"

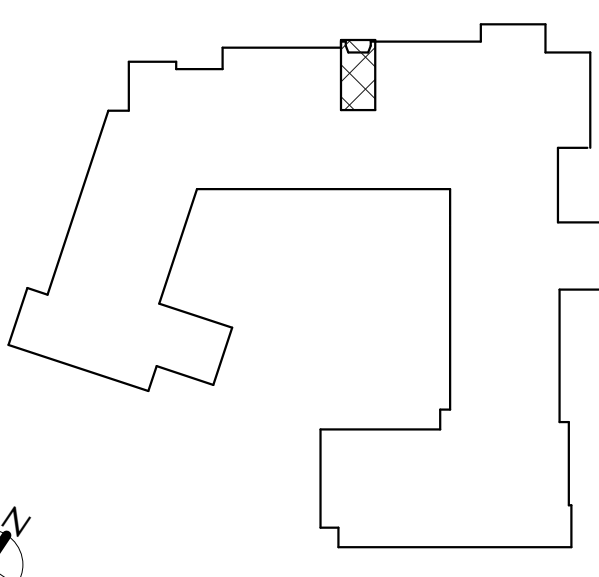
GENERAL NOTES

- LIGHT/GRAY LINES: INDICATE EXISTING ELECTRICAL ITEMS TO REMAIN, UNLESS INDICATED OTHERWISE.
- SOLID BLACK LINES: INDICATE ELECTRICAL NEW WORK, UNLESS INDICATED OTHERWISE.
- "NC" INDICATES NEW LOCATION FOR EXISTING ELECTRICAL ITEM (SEE DWG. E101 FOR ORIGINAL LOCATION). CLEAN, CHECKOUT, REINSTALL AND RECONNECT ITEM PER ORIGINAL, EXTENDING EXISTING CIRCUITING IN KIND AS REQUIRED.
- "EX" INDICATES CONNECT TO EXISTING 120V, 20A LIGHTING OR RECEPTACLE CIRCUIT (AS INDICATED) IN ROOM/VICINITY. EXTEND CIRCUITING AS REQUIRED.
- BRANCH CIRCUITS: ALL BRANCH CIRCUITS TO BE 1/2" C, 2#12 & 1#12G OR EQUIVALENT TYPE "MC" CABLE WHERE PERMITTED BY SPECS. 20001, UNLESS INDICATED OR REQUIRED OTHERWISE BY NEC.
- FIRE ALARM INITIATING DEVICES: CONNECT TO EXISTING FIRE ALARM INITIATING/CONTROL LOOP IN VICINITY (CONFIRM ADEQUATE CAPACITY).
- FIRE ALARM NOTIFICATION DEVICES: CONNECT TO EXISTING FIRE ALARM NOTIFICATION CIRCUIT(S) IN VICINITY (CONFIRM ADEQUATE CAPACITY).
- TELECOM OUTLETS: FOR EACH, PROVIDE 4" SQUARE X 2-1/2" DEEP BOX WITH SINGLE-GANG EXTENSION RING AND BLANK COVERPLATE, AND 3/4" C. FROM BOX STUBBED UP TO NEAREST ACCESSIBLE CEILING SPACE. REAM AND BUSH CONDUIT STUB AND PROVIDE NYLON PULL STRING. TELECOM CABLEING AND JACK(S) TO BE PROVIDED SEPARATELY BY OWNER OR OWNER'S VENDOR. COORDINATE ALL WORK AS REQUIRED.
- SECURITY SYSTEMS DEVICES/STATIONS: FOR EACH, PROVIDE MINIMUM 4" SQUARE X 2-1/2" DEEP BOX WITH SINGLE-GANG EXTENSION RING AND BLANK COVERPLATE, AND 3/4" C. FROM BOX STUBBED UP TO NEAREST ACCESSIBLE CEILING SPACE. REAM AND BUSH CONDUIT STUB AND PROVIDE NYLON PULL STRING. CONFIRM REQUIRED OUTLET BOX SIZE WITH OWNER'S SELECTED SECURITY SYSTEMS VENDOR AND PROVIDE BIGGER OR SPECIAL OUTLET BOX IF REQUIRED. SECURITY DEVICES/STATION AND REQUIRED CABLEING TO BE PROVIDED SEPARATELY BY OWNER'S SELECTED SECURITY SYSTEMS CONTRACTOR/VENDOR. COORDINATE ALL WORK AS REQUIRED.

KEYED NOTES

- EXISTING 120/208V, 3#-4W PANELBOARD TO REMAIN.
- CONNECT ALL RECEPTACLES IN THIS ROOM TO INDICATED SPARE 120V, 20A CIRCUIT BREAKER IN EXISTING PANELBOARD.
- CONNECT DOOR OPERATOR TO INDICATED NEW 120V, 20A/1P CIRCUIT BREAKER IN EXISTING PANELBOARD. PROVIDE 125V, 1-POLE TOGGLE SWITCH DISCONNECT FOR DOOR OPERATOR. PROVIDE OUTLET BOX FOR EACH REMOTE PUSH PLATE STATION AND 1/2" C. FROM DOOR OPERATOR TO EACH PUSHPLATE BOX WITH ALL CONTROL WIRING AS REQUIRED BY DIV. 8.
- CONNECT TO INDICATED NEW 208V, 40A/2P CIRCUIT BREAKER IN EXISTING PANELBOARD USING 3/4" C, 2# 8 & 1#12G.
- CONNECT TO INDICATED NEW 208V, 20A/2P CIRCUIT BREAKER IN EXISTING PANELBOARD USING 1/2" C, 2# 12 & 1#12G.
- REMOVE EXISTING SPARE 15A/1P CIRCUIT BREAKERS TO ACCOMMODATE NEW BREAKER.
- CONNECT ROLLING COUNTER FIRE SHUTTER OPERATOR TO INDICATED NEW 120V, 20A/1P CIRCUIT BREAKER IN EXISTING PANELBOARD. PROVIDE 125V, 1-POLE TOGGLE SWITCH DISCONNECT FOR SHUTTER OPERATOR. PROVIDE OUTLET BOX FOR AND INSTALL REMOTE OPEN/CLOSE STOP PUSHBUTTON STATION FURNISHED BY DIV. 8 AND 1/2" C. FROM SHUTTER OPERATOR TO PUSHBUTTON STATION OUTLET BOX WITH ALL CONTROL WIRING AS REQUIRED BY DIV. 8.
- FIRE ALARM RELAY MODULE FOR ROLLING COUNTER FIRE SHUTTER RELEASE. CONNECT TO EXISTING FIRE ALARM INITIATING/CONTROL LOOP IN VICINITY, AND TO SHUTTER RELEASE MECHANISM. PROGRAM EXISTING FACT SO THAT SHUTTER RELEASES AND CLOSSES UPON ACTIVATION OF EITHER OR BOTH NEARBY SMOKE DETECTORS (ONE IN SECURITY OFFICE AND NEAREST ONE IN ADJACENT LOBBY).
- CONNECT EXTERIOR SOFFIT LIGHTS TO EXISTING 120V/120V LIGHTING CIRCUIT AND CONTROLS.
- PROVIDE "CONSTANT-ON" CIRCUIT WIRING FOR EMERGENCY FIXTURE, SO THAT FIXTURE REMAINS OFF WHEN NORMALLY CONTROLLED OFF AND POWER IS AVAILABLE.

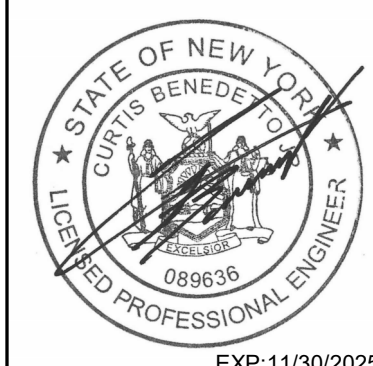
KEY PLAN



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CITY SCHOOL DISTRICT OF NEW ROCHELLE TRINITY ELEMENTARY SCHOOL 2023 CAPITAL PROJECTS - PHASE 2

Project Title



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CSArch Proj. #: 188-2301-02
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Sheet Title

FIRST FLOOR
ELECTRICAL
PLANS

Sheet No.

TES
E101

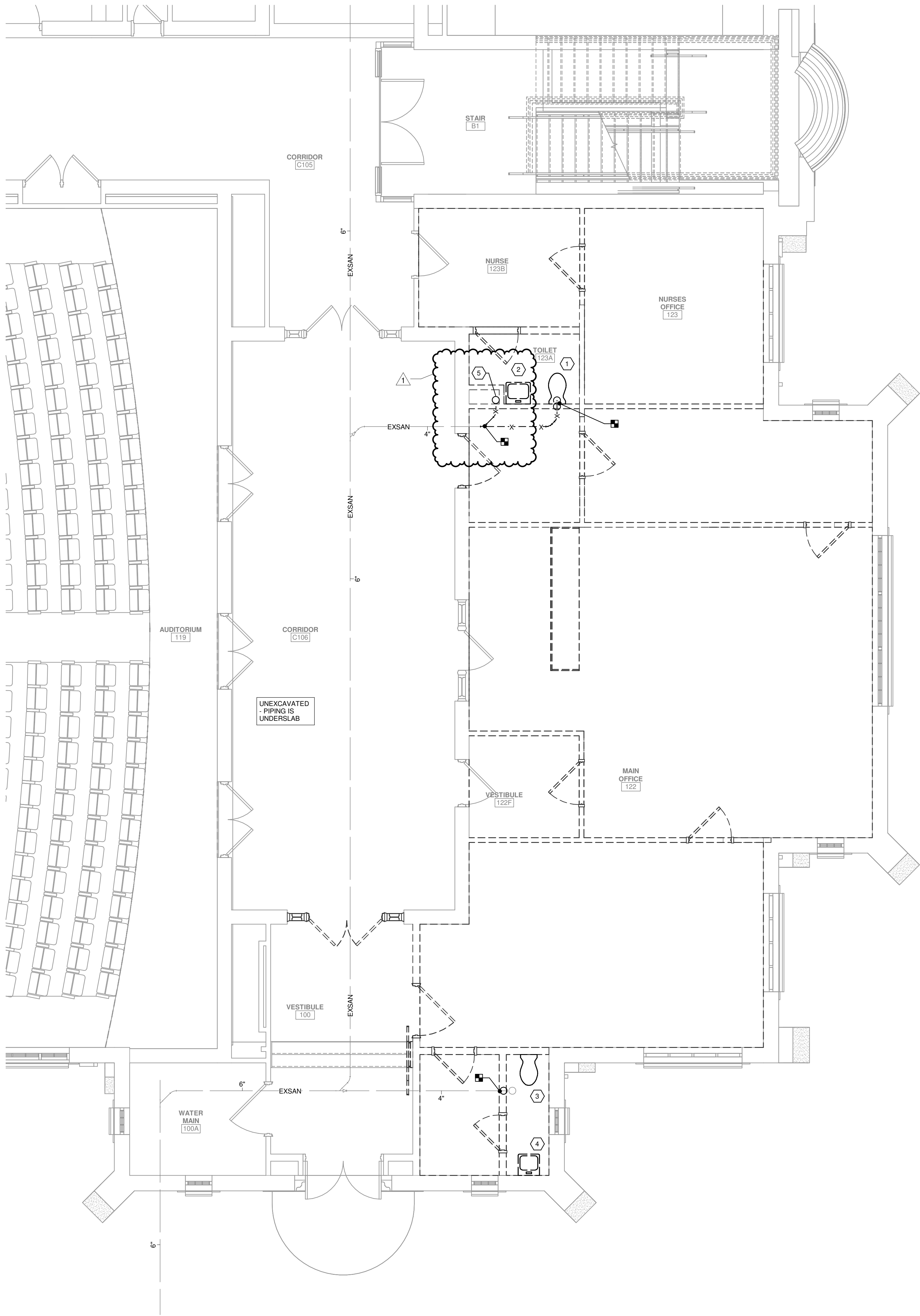
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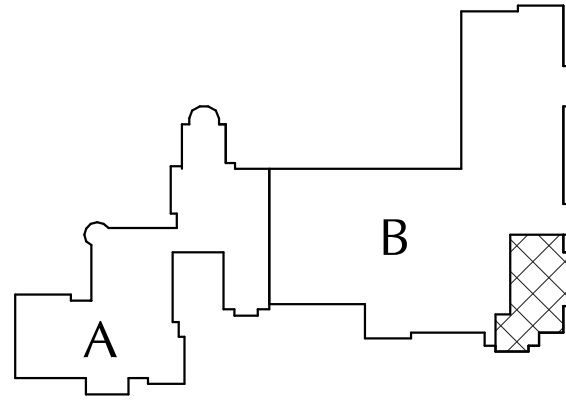


- GENERAL REMOVAL NOTES**
- UNLESS NOTED OTHERWISE, ALL ITEMS INDICATED ARE TO BE REMOVED "COMPLETE". REMOVAL SHALL INCLUDE ALL COMPONENTS, PIPING, HANGERS, SUPPORTS, ASSOCIATED WITH THE EQUIPMENT.
 - CONTRACTOR IS TO INSPECT EQUIPMENT THAT IS TO BE REUSED AND DETERMINE THAT IT IS COMPLETE AND IN GOOD WORKING ORDER. IF NOT, REPORT FINDINGS TO THE ARCHITECT/ENGINEER.
 - EVERY EFFORT HAS BEEN MADE TO INDICATE ALL EQUIPMENT THAT IS TO BE REMOVED THROUGH FIELD OBSERVATIONS. HOWEVER, THE CONTRACTOR IS TO VISIT THE SITE PRIOR TO BIDDING AND VERIFY ALL REMOVALS.
 - ALL ITEMS BEING REMOVED AND NOT REUSED SHALL BE TURNED OVER TO THE OWNER FOR FUTURE USE. IF OWNER DECIDES THE FIXTURES ARE NOT REUSABLE, THE PLUMBING CONTRACTOR SHALL DISPOSE OF THEM. COORDINATE WITH OWNER TO WALK THRU THE AREA TO DETERMINE FIXTURES TO BE SALVAGED PRIOR TO ANY DEMOLITION WORK.
 - IF THERE IS A QUESTION REGARDING A REMOVAL, THE CONTRACTOR IS TO VERIFY WITH THE OWNER OR THE OWNER'S REPRESENTATIVE AS TO THE REMOVAL STATUS BEFORE PROCEEDING.
 - ALL INTERRUPTIONS OF SERVICE SHALL BE SCHEDULED AND COORDINATED WITH THE OWNER. PLUMBING SYSTEMS FEEDING FROM OR THROUGH THE CONTRACT AREA SHALL BE MAINTAINED.
 - COORDINATE ALL WORK WITH PROJECT PHASING REQUIREMENTS.
 - WORK THIS DRAWING WITH ARCHITECTURAL DRAWINGS FOR EXTENT OF NEW WALL AND CEILING WORK.
 - COORDINATE THIS PLAN WITH NEW WORK PLAN.

KEYED NOTES FOR DRAWING PD101

- REMOVE EXISTING WATER CLOSET AND TRIM INCLUDING ALL COMPONENTS. REMOVE EXISTING CW, SOIL & VENT PIPING BACK TO POINT OF DISCONNECTION. TEMPORARILY CAP FOR RECONNECTION TO NEW FIXTURES.
- REMOVE EXISTING LAVATORY INCLUDING TRIM AND WALL CARRIER. REMOVE EXISTING WASTE, VENT, HW & CW PIPING BACK TO POINT OF DISCONNECTION. TEMPORARILY CAP FOR RECONNECTION TO NEW FIXTURE.
- REMOVE EXISTING WATER CLOSET AND TRIM INCLUDING ALL COMPONENTS. REMOVE EXISTING CW & VENT PIPING BACK TO MAINS. REMOVE SOIL PIPING ON TO SLAB. TEMPORARILY CAP FOR RECONNECTION TO NEW CLEANOUT.
- REMOVE EXISTING LAVATORY INCLUDING TRIM AND WALL CARRIER. REMOVE EXISTING VENT, HW & CW PIPING BACK TO MAINS. REMOVE WASTE PIPING TO BELOW SLAB. CAP OR FILL WITH CONCRETE.
- VERTICAL SOIL PIPING SERVING SECOND FLOOR TO BE OFFSET FOR NEW LAYOUT.

KEY PLAN



**CITY SCHOOL DISTRICT OF NEW ROCHELLE
DANIEL WEBSTER ELEMENTARY SCHOOL
2023 CAPITAL PROJECTS - PHASE 2**

Project Title



REV	DATE	DESCRIPTION
1	12/01/2023	Bid Addendum 1

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Sheet Title

**PLUMBING
REMOVAL
PLAN**

Sheet No.

**DWE
PD101**

CONSTRUCTION DOCUMENTS

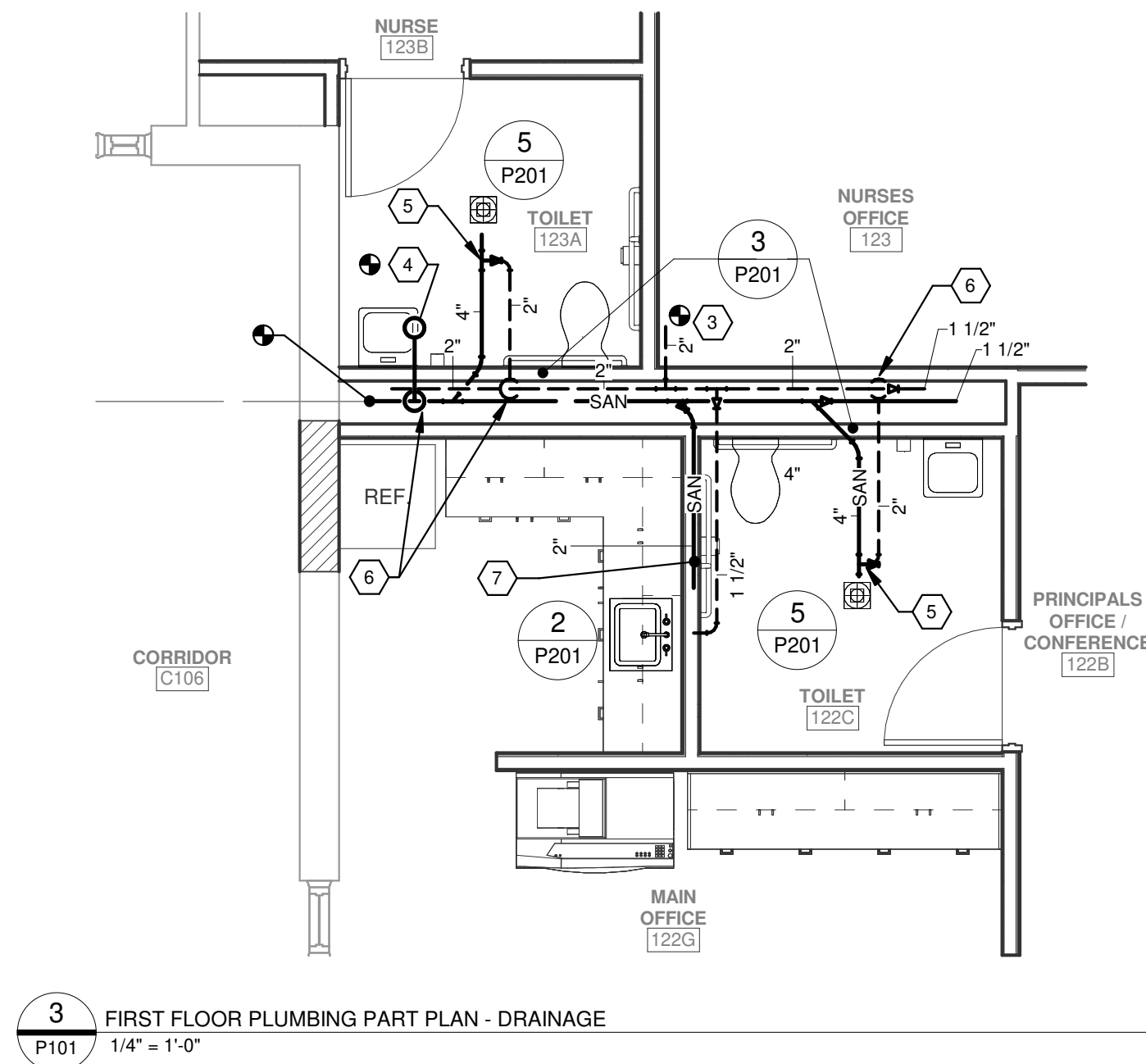
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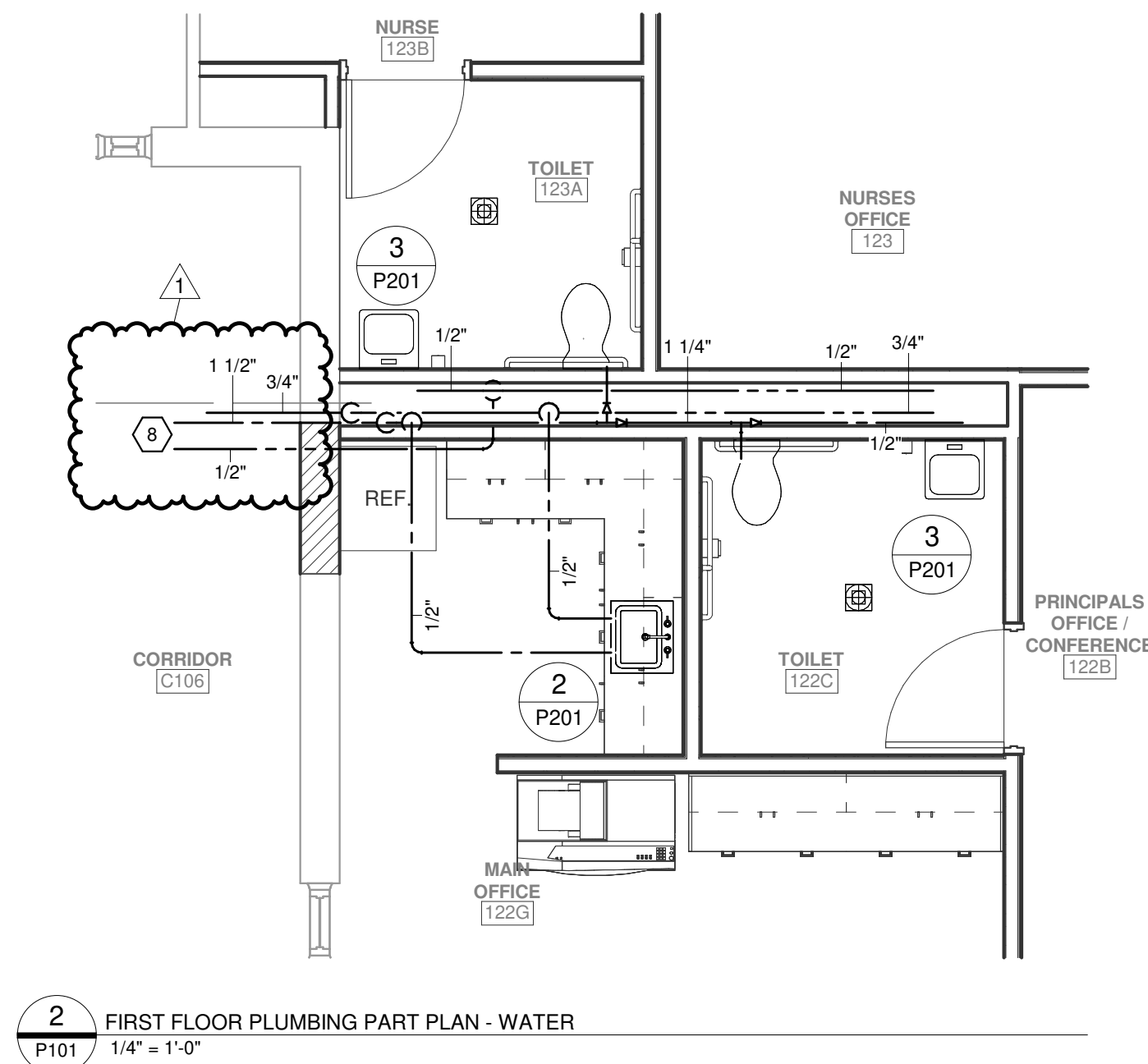
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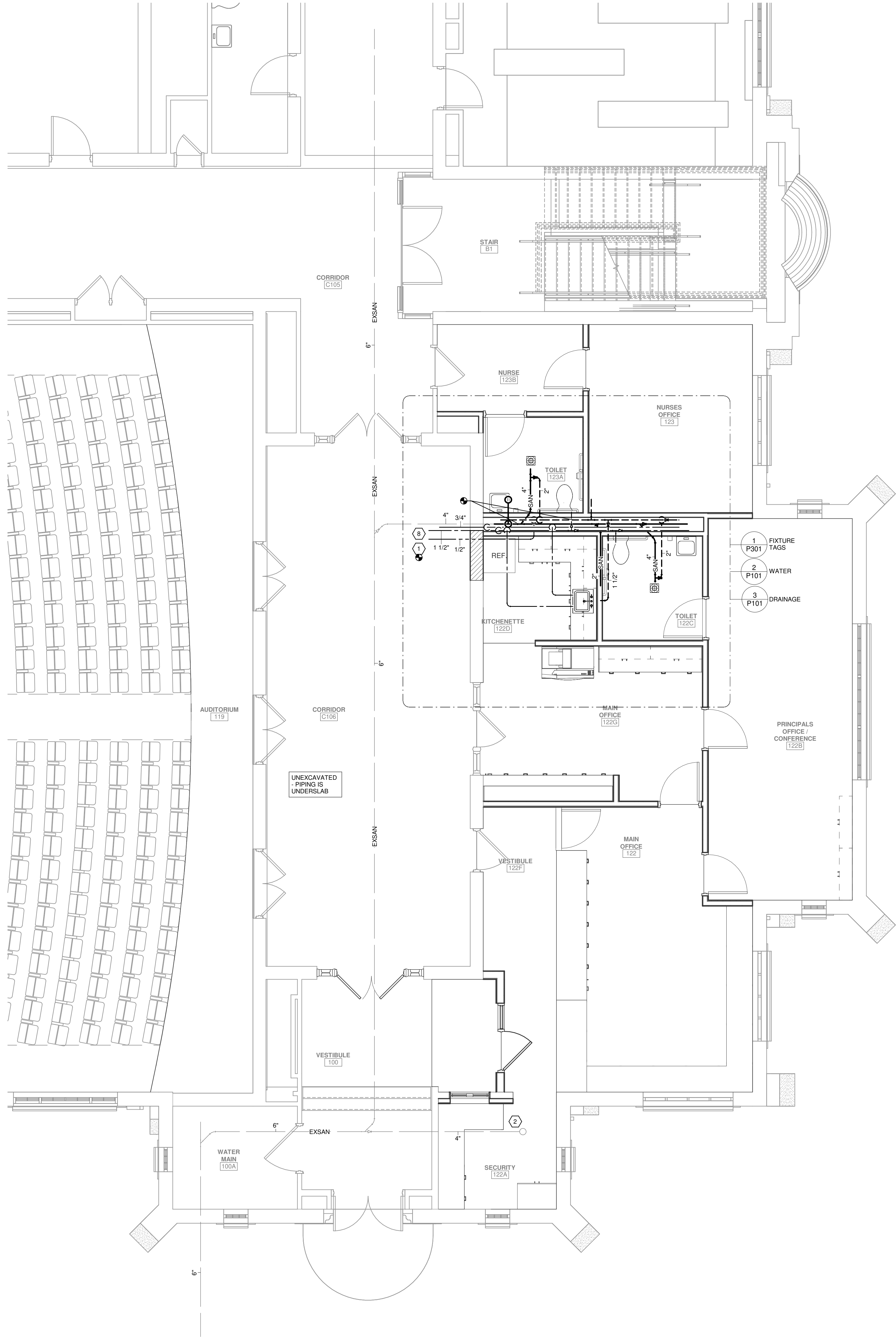


3 FIRST FLOOR PLUMBING PART PLAN - DRAINAGE
P101 1/4" = 1'-0"



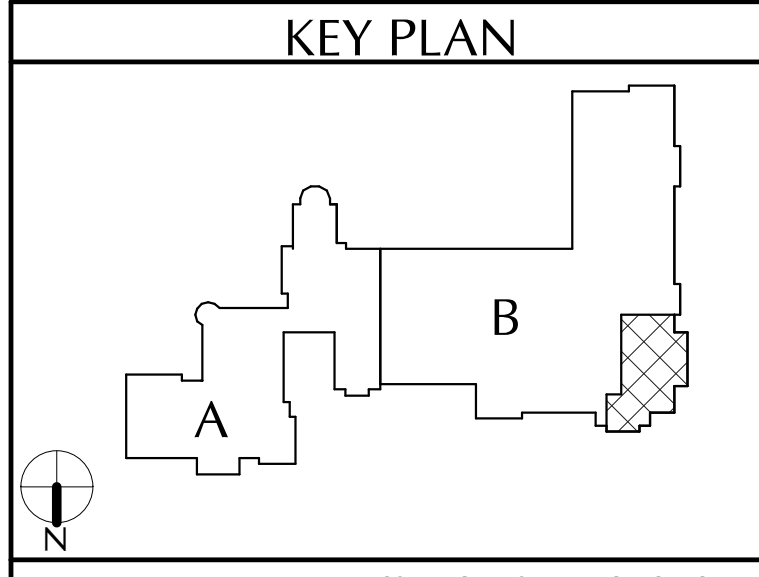
2 FIRST FLOOR PLUMBING PART PLAN - WATER
P101 1/4" = 1'-0"

1 SHP101 - FIRST FLOOR PLUMBING PLAN
P101 1/4" = 1'-0"



- GENERAL NOTES**
- ALL PIPING SHOWN IS DIAGRAMMATIC ONLY. COORDINATE THE FINAL LOCATIONS OF PLUMBING LINES AND EQUIPMENT WITH ACTUAL FIELD LOCATIONS OF STRUCTURAL MEMBERS, CONDUIT, ETC. FIELD COORDINATE ALL WORK BEFORE PURCHASING EQUIPMENT AND FABRICATING PIPE. NO EXTRAS SHALL BE PERMITTED FOR RESTOCKING REFABRICATION OR REMOVAL OF INSTALLED WORK DUE TO LACK OF COORDINATION WITH FIELD CONDITIONS. OFFSET OR RELOCATE PLUMBING LINES AS REQUIRED.
 - PROVIDE AND SET ALL SLEEVES THROUGH EXTERIOR AND INTERIOR FOUNDATION WALLS. COORDINATE WITH ARCHITECTURAL DRAWINGS.
 - ROUGH FOR ALL ITEMS OF EQUIPMENT FURNISHED BY OTHERS WHICH REQUIRE WATER, WASTE, OR VENT PIPING.
 - COORDINATE SANITARY INVERT ELEVATIONS WITH ACTUAL INVERT TIE-IN POINTS PRIOR TO ANY PIPING INSTALLATION. PIPING 2" AND SMALLER SHALL PITCH 1/4" PER FOOT MIN. PIPING LARGER THAN 2" SHALL PITCH 1/8" PER FOOT MIN. NOTIFY ENGINEER OF ANY CONFLICTS. PIPING MATERIALS AND COMPONENTS SHALL BE IN ACCORDANCE WITH THE INTERNATIONAL PLUMBING CODE ADOPTED BY NYS OR AS OTHERWISE APPROVED BY THE LOCAL PLUMBING INSPECTOR.
 - MINIMUM UNDERGROUND SANITARY PIPE SIZE SHALL BE 3".
 - CONTRACTOR SHALL BE RESPONSIBLE FOR LEGAL OFF SITE DISPOSAL OF ALL EXCESS UNWANTED MATERIAL AND CONSTRUCTION DEBRIS DUE TO WORK OF HIS CONTRACT. SUCH MATERIAL SHALL BECOME PROPERTY OF THE CONTRACTOR.
 - UNLESS NOTED OTHERWISE, ALL ITEMS INDICATED ARE TO BE INSTALLED "COMPLETE." INSTALLATION SHALL INCLUDE ALL COMPONENTS, PIPING, HANGERS, SUPPORTS, ASSOCIATED WITH THE EQUIPMENT.
 - PIPING MATERIALS AND COMPONENTS THAT ARE CONNECTED TO THE POTABLE WATER SYSTEM SHALL BE IN ACCORDANCE WITH THE INTERNATIONAL PLUMBING CODE ADOPTED BY NYS OR AS OTHERWISE APPROVED BY THE LOCAL PLUMBING INSPECTOR.
 - ONLY LOCALLY LICENSED PLUMBERS SHALL PROVIDE PLUMBING WORK FOR THIS PROJECT.
 - APPLY FOR AND PAY FOR ALL REQUIRED INSPECTIONS, PERMITS, SERVICE APPLICATIONS AND FEES ASSOCIATED WITH PLUMBING WORK OF PROJECT. COORDINATE WITH LOCAL AUTHORITIES AND UTILITIES FOR ADEQUATE TIME PERIODS REQUIRED TO PROCESS APPLICATIONS AND PERMITS AND SCHEDULE INSPECTIONS.

- KEYED NOTES FOR DRAWING P101**
- CONNECT TO EXISTING DOMESTIC WATER SYSTEM PIPING BELOW. PROVIDE HWR BALANCING STATION AT CONNECTION TO RETURN PIPING.
 - PROVIDE NEW CLEANOUT DECKPLATE OR LINE CLEANOUT IN CRAWLSPACE AS FEASIBLE.
 - CONNECT TO EXISTING VENT PIPING. VERIFY EXACT LOCATION.
 - OFFSET NEW 4" SOIL PIPING IN CEILING. ROUTE TO NEW CHASE. CONNECT TO EXISTING 4" SOIL SERVING SECOND FLOOR.
 - 2" VENT RISE BELOW FIRST FLOOR SLAB.
 - PIPING RISES FROM CRAWLSPACE INTO CHASE.
 - ROUTE PIPING IN WALL TO SINK.
 - VERIFY LOCATION OF EXISTING DOMESTIC PIPING. DOMESTIC PIPING IS SHOWN DIAGRAMMATICALLY. OFFSET PIPING AS REQUIRED BY EXISTING CONDITIONS. LOCATION OF PIPING SERVING EXISTING NURSE'S TOILET TO BE VERIFIED.



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CS ARCH

CITY SCHOOL DISTRICT OF NEW ROCHELLE
DANIEL WEBSTER ELEMENTARY SCHOOL
2023 CAPITAL PROJECTS - PHASE 2

Project Title

EXP-11/30/2025

DATE	DESCRIPTION
12/20/2023	Bid Addendum 1

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Sheet Title

PLUMBING PLAN

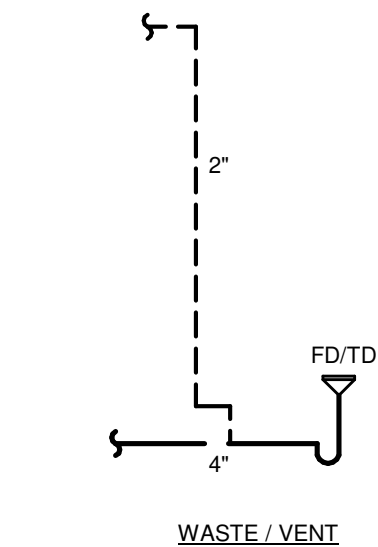
Sheet No.

DWE
P101

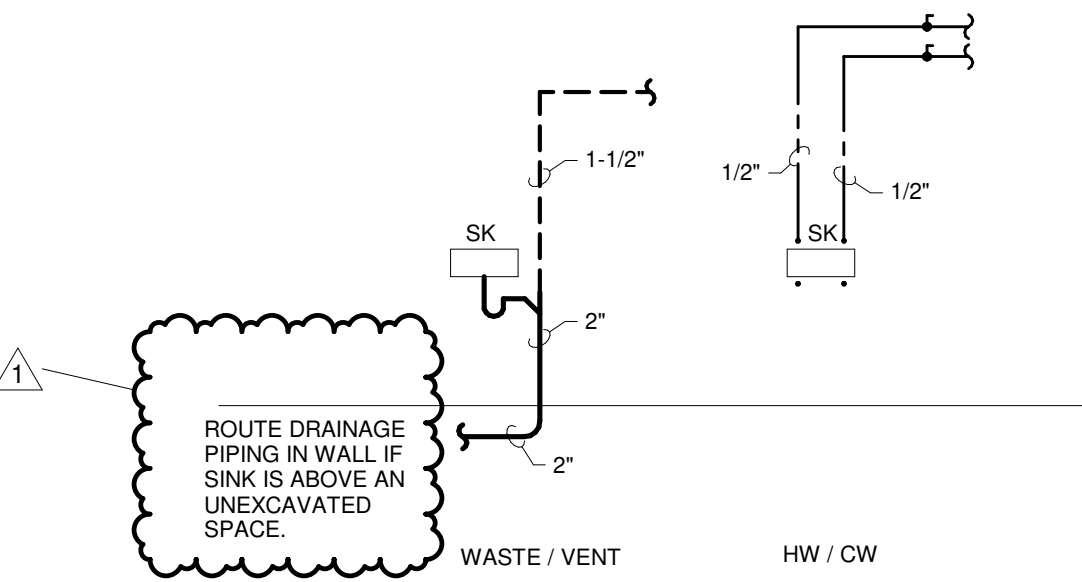
CONSTRUCTION DOCUMENTS

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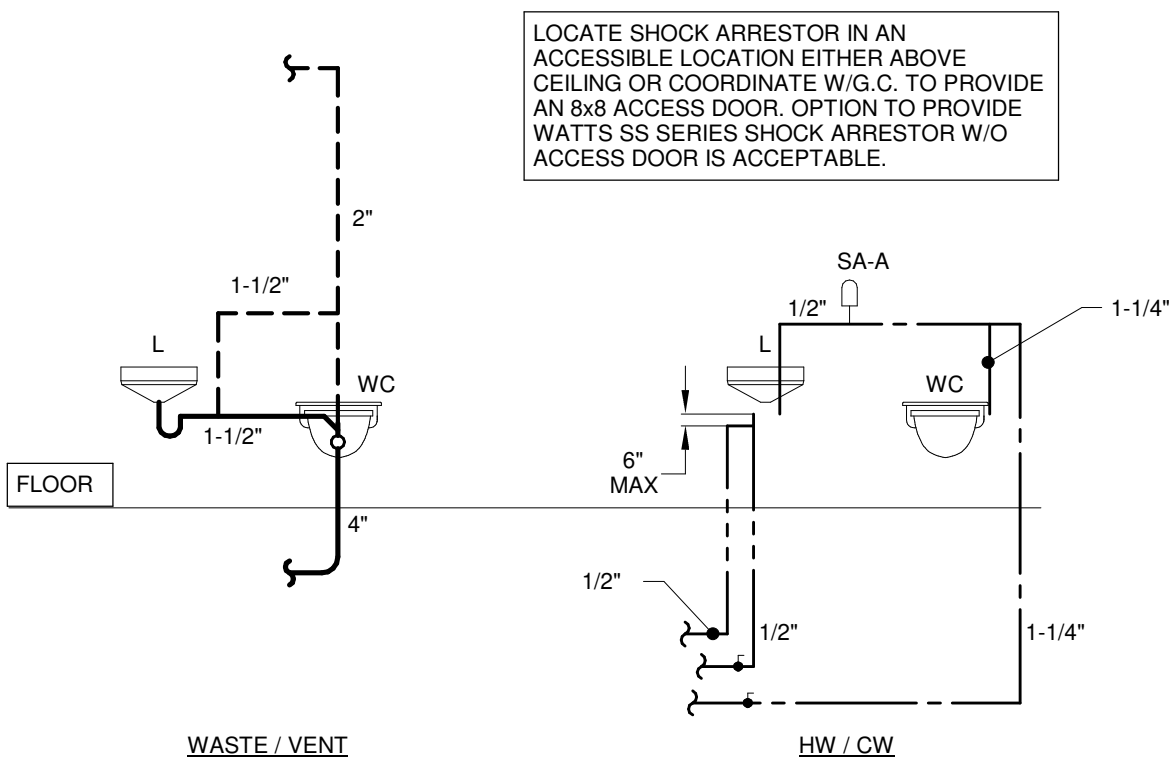
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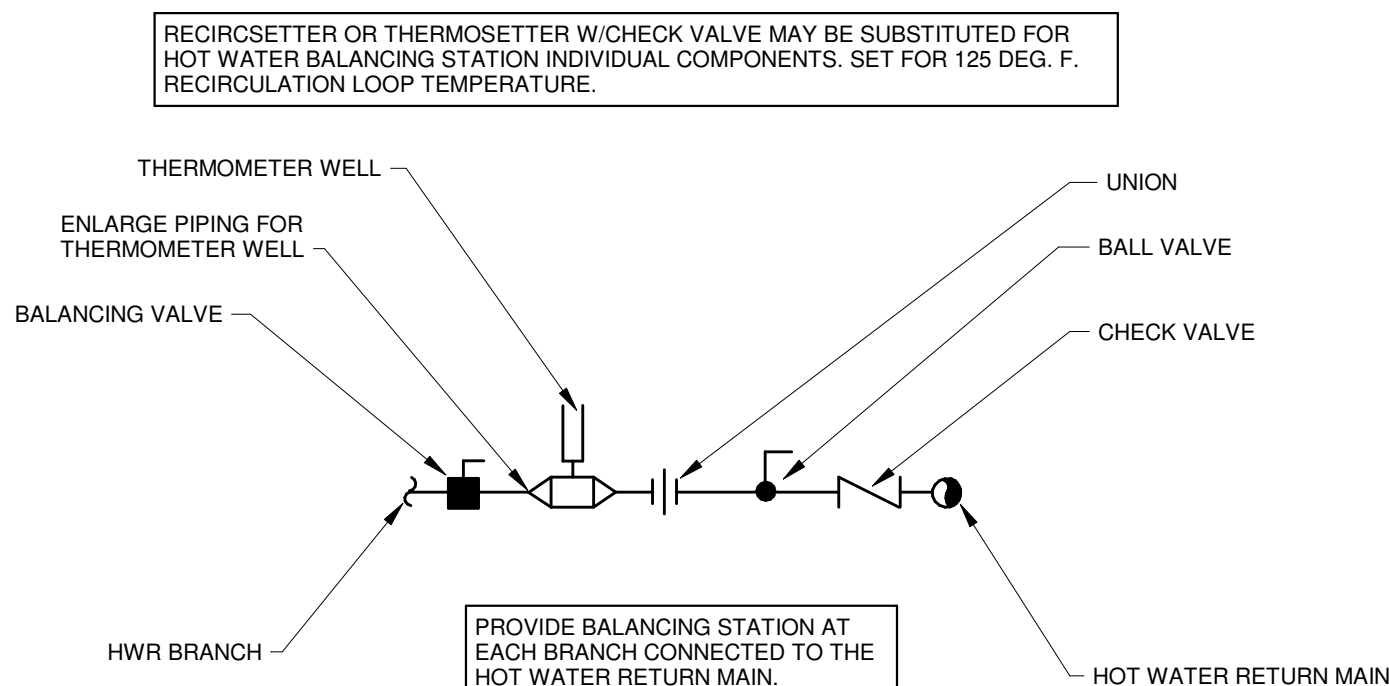
5 TYPICAL PIPING ARRANGEMENT AT FD/TD
P201 N.T.S.



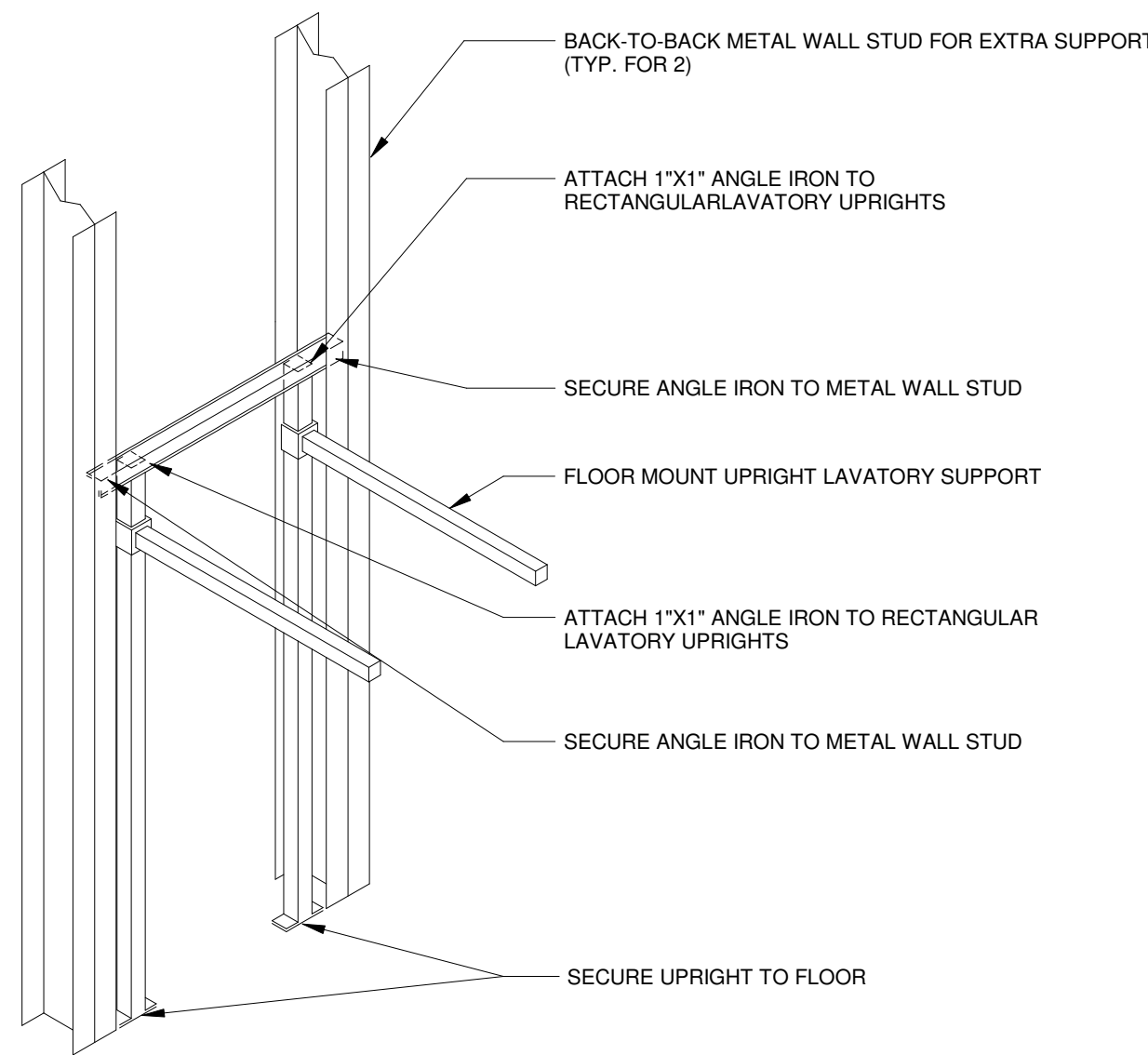
2 TYPICAL PIPING ARRANGEMENT AT SK
P201 N.T.S.



3 TYPICAL PIPING ARRANGEMENT AT TOILET ROOM WH/TV
P201 1/8" = 1'-0"



4 HWR BALANCING STATION DETAIL
P201 N.T.S.

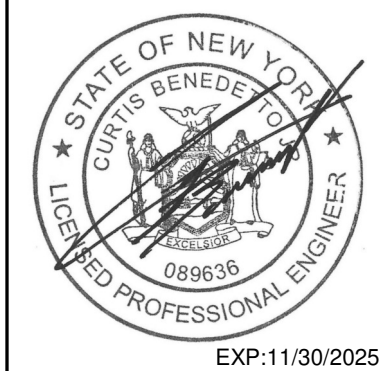


1 TYPICAL LAVATORY PIPING SUPPORT
P201 1/2" = 1'-0"



CITY SCHOOL DISTRICT OF NEW ROCHELLE
DANIEL WEBSTER ELEMENTARY SCHOOL
2023 CAPITAL PROJECTS - PHASE 2

Project Title



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Sheet Title
PLUMBING
RISER
DIAGRAMS &
DETAILS

Sheet No.
DWE
P201

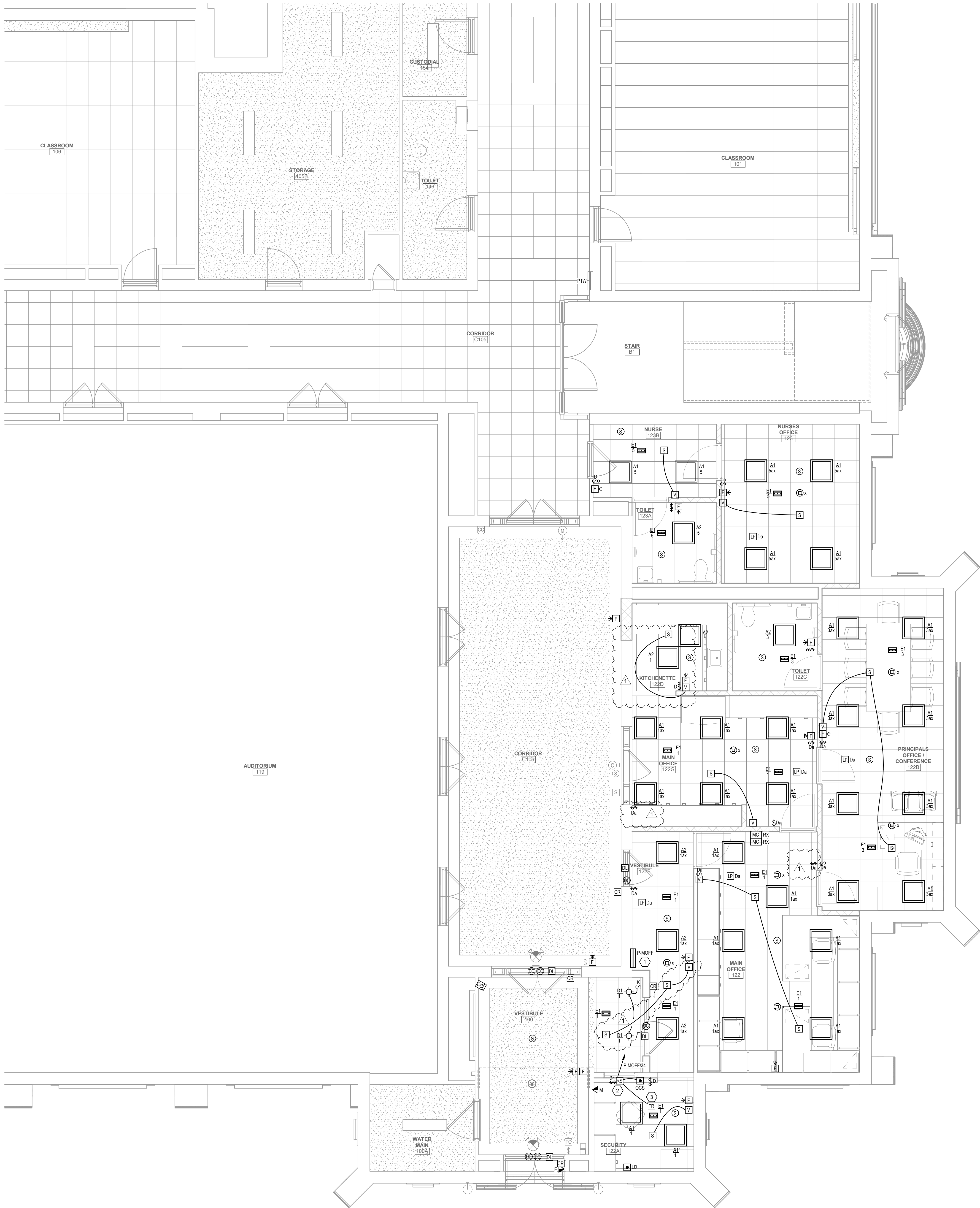
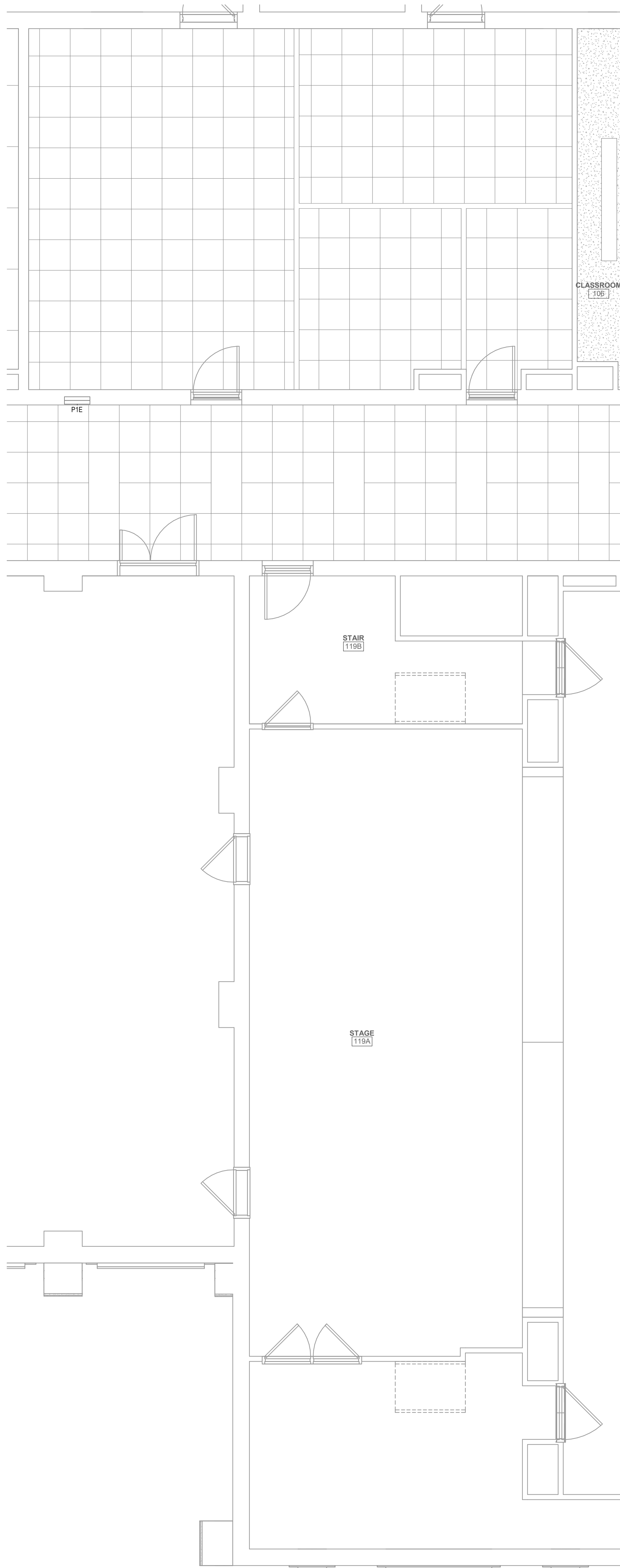
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1
E101
FIRST FLOOR LIGHTING AND SYSTEMS PLAN
1/4" = 1'-0"



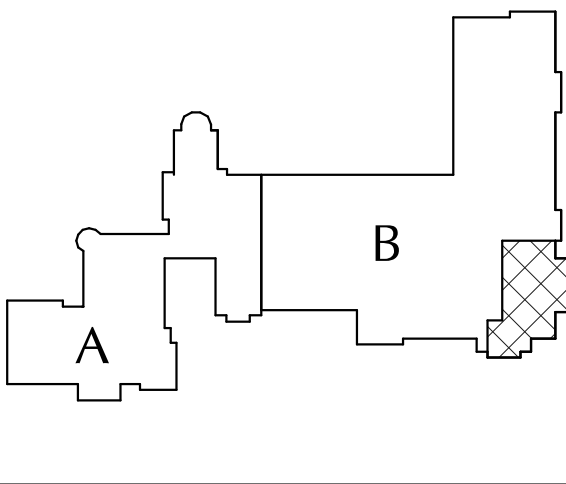
GENERAL NOTES

- LIGHT/GRAY LINES: INDICATE EXISTING ELECTRICAL ITEMS TO REMAIN, UNLESS INDICATED OTHERWISE.
- SOLID BLACK LINES: INDICATE ELECTRICAL NEW WORK, UNLESS INDICATED OTHERWISE.
- "NC" INDICATES NEW LOCATION FOR EXISTING ELECTRICAL ITEM (SEE DWG. E101 FOR ORIGINAL LOCATION). CLEAN, CHECKOUT, REINSTALL AND RECONNECT ITEM PER ORIGINAL, EXTENDING EXISTING CIRCUITING IN KIND AS REQUIRED.
- "EX" INDICATES CONNECT TO EXISTING 120V, 20A LIGHTING OR RECEPTACLE CIRCUIT (AS INDICATED) IN ROOM VICINITY. EXTEND CIRCUITING AS REQUIRED.
- BRANCH CIRCUITS: ALL BRANCH CIRCUITS TO BE 12" C, 2#12 & 1#12G OR EQUIVALENT TYPE "MC" CABLE WHERE PERMITTED BY SPECS. 200001, UNLESS INDICATED OR REQUIRED OTHERWISE BY NEC.
- FIRE ALARM INITIATING DEVICES: CONNECT TO EXISTING FIRE ALARM INITIATING/CONTROL LOOP IN VICINITY (CONFIRM ADEQUATE CAPACITY).
- FIRE ALARM NOTIFICATION DEVICES: CONNECT TO EXISTING FIRE ALARM NOTIFICATION CIRCUIT(S) IN VICINITY (CONFIRM ADEQUATE CAPACITY).
- SECURITY SYSTEMS DEVICES/STATIONS: FOR EACH, PROVIDE MINIMUM 4" SQUARE X 2-1/2" DEEP BOX WITH SINGLE-GANG EXTENSION RING AND BLANK COVERPLATE, AND 3/4" C FROM BOX STUBBED UP TO NEAREST ACCESSIBLE CEILING SPACE. REAM AND RUSH CONDUIT STUB AND PROVIDE NYLON PULL STRING. CONFIRM REQUIRED OUTLET BOX SIZE WITH OWNER'S SELECTED SECURITY SYSTEMS VENDOR AND PROVIDE BIGGER OR SPECIAL OUTLET BOX IF REQUIRED. SECURITY DEVICES/STATION AND REQUIRED CABLEING TO BE PROVIDED SEPARATELY BY OWNER'S SELECTED SECURITY SYSTEMS CONTRACTOR/VENDOR. COORDINATE ALL WORK AS REQUIRED.

KEYED NOTES

- 120/208V, 3Ø, 4W PANELBOARD. SEE SCHEDULE ON DWG. E102.
- CONNECT ROLLING COUNTER FIRE SHUTTER OPERATOR TO INDICATED 120V, 20A CIRCUIT. PROVIDE 125V, 1-POLE TOGGLE SWITCH. DISCONNECT FOR SHUTTER OPERATOR. PROVIDE OUTLET BOX FOR AND INSTALL REMOTE OPEN/CLOSE/STOP PUSHBUTTON STATION FURNISHED BY DIV. 8 AND 1/2" C FROM SHUTTER OPERATOR TO PUSHBUTTON STATION OUTLET BOX WITH ALL CONTROL WIRING AS REQUIRED BY DIV. 8.
- FIRE ALARM RELAY MODULE FOR ROLLING COUNTER FIRE SHUTTER RELEASE. CONNECT TO EXISTING FIRE ALARM INITIATING/CONTROL LOOP IN VICINITY, AND TO SHUTTER RELEASE MECHANISM. PROGRAM EXISTING FACP SO THAT SHUTTER RELEASES AND CLOSSES UPON ACTIVATION OF EITHER OR BOTH NEARBY SMOKE DETECTORS (ONE IN SECURITY OFFICE AND NEAREST ONE IN ADJACENT LOBBY).

KEY PLAN



CITY SCHOOL DISTRICT OF NEW ROCHELLE DANIEL WEBSTER ELEMENTARY SCHOOL 2023 CAPITAL PROJECTS - PHASE 2

Project Title



DATE	DESCRIPTION
1/13/2025	REV Addendum 1

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Sheet Title

FIRST FLOOR
LIGHTING AND
SYSTEMS PLAN

Sheet No.

DWE
E101

CONSTRUCTION DOCUMENTS

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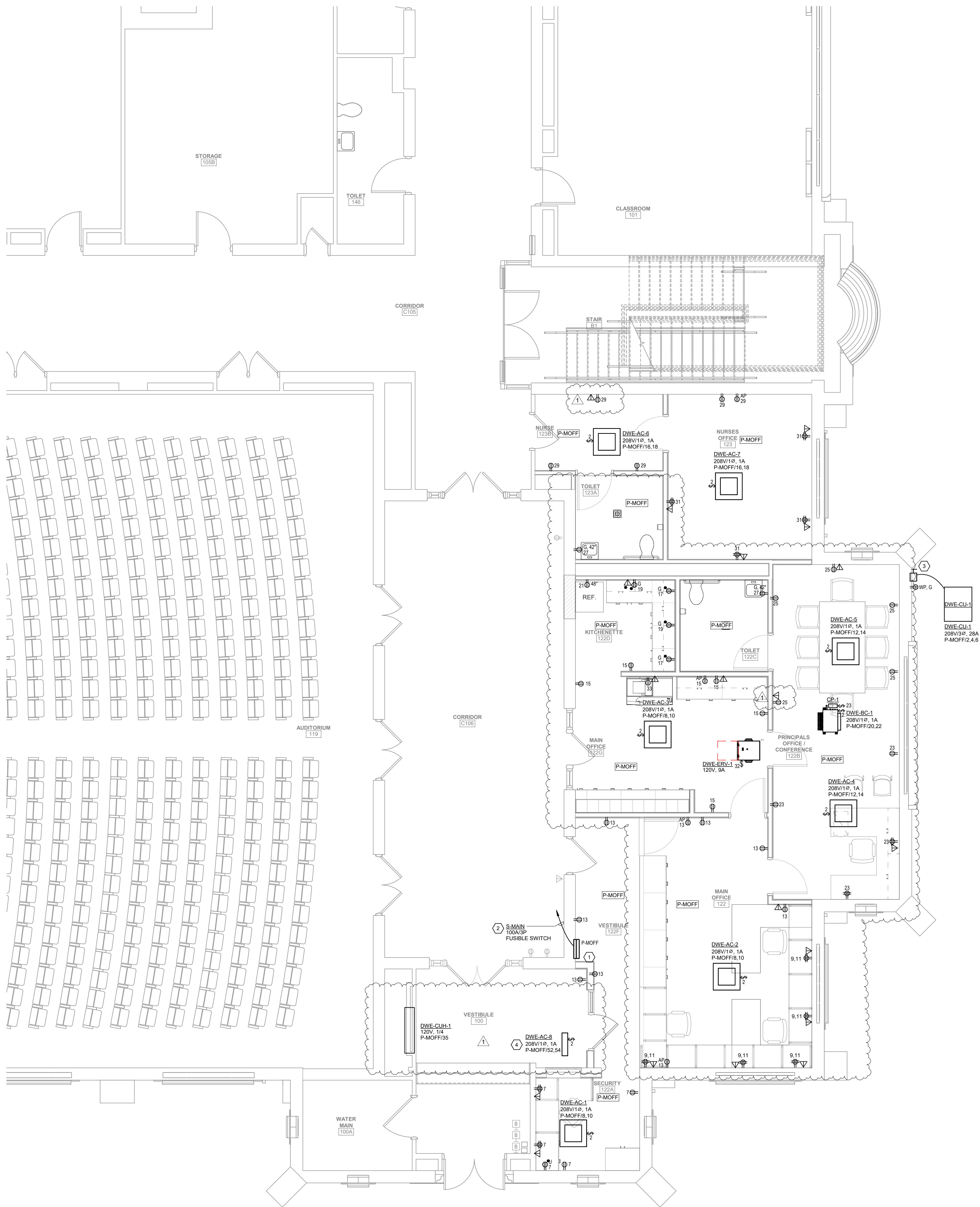
Branch Panel: P-MOFF
Location: MAIN OFFICE 122
Supply From: S-MAIN
Mounting: Surface
Enclosure: Type 1

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

A.I.C. Rating: 22,000A
Main Type: MLO
Main Rating: 125 A

More Info:

CKT	LOAD DESCRIPTION	WIRE...	TRIP	POLES	A	B	C	POLES	TRIP	WIRE...	LOAD DESCRIPTION	CKT
1	LIGHTS- SECURITY OFFICE, MAIN OFFICE	#12	20 A	1	0.7 kVA/3.6 kVA			3	50 A	#6	AC CONDENSING UNIT	2
3	LIGHTS- PRINCIPAL'S OFFICE, TOILET	#12	20 A	1		0.3 kVA/3.6 kVA		--	--	#6	--	4
5	LIGHTS- NURSE'S SUITE	#12	20 A	1			0.2 kVA/3.6 kVA	--	--	#6	--	6
7	RECEPT- SECURITY OFFICE	#12	20 A	1	1.0 kVA/0.3 kVA			2	15 A	#12	HEAT PUMPS- MAIN OFFICE, SECURITY OFFICE	8
9	RECEPT- MAIN OFFICE	#12	20 A	1		0.6 kVA/0.3 kVA		--	--	#12	--	10
11	RECEPT- MAIN OFFICE	#12	20 A	1			0.4 kVA/0.2 kVA	2	15 A	#12	HEAT PUMPS- PRINCIPALS OFFICE	12
13	RECEPT- MAIN OFFICE	#12	20 A	1	1.8 kVA/0.2 kVA			--	--	#12	--	14
15	RECEPT- MAIN OFFICE	#12	20 A	1		1.2 kVA/0.2 kVA		2	15 A	#12	HEAT PUMPS- NURSES SUITE	16
17	RECEPT- KITCHENETTE COUNTER	#12	20 A	1			0.4 kVA/0.2 kVA	--	--	#12	--	18
19	RECEPT- KITCHENETTE COUNTER	#12	20 A	1	0.4 kVA/0.0 kVA			2	15 A	#12	HEAT PUMP- FACULTY ROOM	20
21	RECEPT- KITCHENETTE REFRIGERATOR	#12	20 A	1		1.0 kVA/0.0 kVA		--	--	#12	--	22
23	RECEPT- PRINCIPALS OFFICE / CONFERENCE	#12	20 A	1			1.4 kVA/0.1 kVA	2	15 A	#12	VRF BRANCH BOX	24
25	RECEPT- PRINCIPALS OFFICE / CONFERENCE	#12	20 A	1	1.0 kVA/0.1 kVA			--	--	#12	--	26
27	RECEPT- TOILETS	#12	20 A	1		0.4 kVA/0.0 kVA		2	15 A		SPARE	28
29	RECEPT- NURSES OFFICE	#12	20 A	1			1.0 kVA/0.0 kVA	--	--		SPARE	30
31	RECEPT- NURSES OFFICE	#12	20 A	1	0.8 kVA/0.6 kVA			1	20 A	#12	ENERGY RECOVERY UNIT	32
33	Receptacle		20 A	1		0.2 kVA/0.1 kVA		1	20 A	#12	SECURITY OFFICE ROLLING DOOR SHUTTER	34
35							0.0 kVA	1	20 A		SPARE	36
37	SPARE		20 A	1	0.0 kVA/0.0 kVA			1	20 A		SPARE	38
39	SPARE		20 A	1		0.0 kVA/0.0 kVA		1	20 A		SPARE	40
41	SPARE		20 A	1			0.0 kVA/0.0 kVA	1	20 A		SPARE	42
43	SPARE		20 A	1	0.0 kVA/0.0 kVA			1	20 A		SPARE	44
45	SPARE		20 A	1		0.0 kVA/0.0 kVA		1	20 A		SPARE	46
47	SPARE		20 A	1			0.0 kVA/0.0 kVA	1	20 A		SPARE	48
49	SPARE		20 A	1	0.0 kVA/0.0 kVA			1	20 A		SPARE	50
51	SPARE		20 A	1			0.0 kVA					52
53	SPARE		20 A	1			0.0 kVA					54



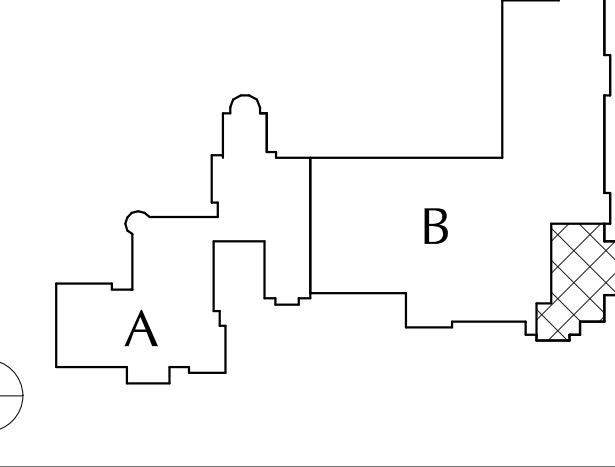
GENERAL NOTES

- LIGHT/GRAY LINES: INDICATE EXISTING ELECTRICAL ITEMS TO REMAIN, UNLESS INDICATED OTHERWISE.
- SOLID BLACK LINES: INDICATE ELECTRICAL NEW WORK, UNLESS INDICATED OTHERWISE.
- "X": INDICATES NEW LOCATION FOR EXISTING ELECTRICAL ITEM (SEE DWG. E101 FOR ORIGINAL LOCATION). CLEAN, CHECKOUT, REINSTALL AND RECONNECT ITEM PER ORIGINAL. EXTENDING EXISTING CIRCUITING IN KIND AS REQUIRED.
- "EX": INDICATES CONNECT TO EXISTING 120V, 20A LIGHTING OR RECEPTACLE CIRCUIT (AS INDICATED) IN ROOM VICINITY. EXTEND CIRCUITING AS REQUIRED.
- BRANCH CIRCUITS: ALL BRANCH CIRCUITS TO BE 1/2" C, 2#12 & 1#12G OR EQUIVALENT TYPE "MC" CABLE WHERE PERMITTED BY SPECS. 200801, UNLESS INDICATED OR REQUIRED OTHERWISE BY NEC.
- TELECOM OUTLETS: FOR EACH, PROVIDE 4" SQUARE X 2-1/2" DEEP BOX WITH SINGLE-GANG EXTENSION RING AND BLANK COVERPLATE, AND 3/4" C. FROM BOX STUBBED UP TO NEAREST ACCESSIBLE CEILING SPACE. TEAM AND BURST CONDUIT STUDS AND PROVIDE NYLON PULL STRING. TELECOM CABLING AND JACKS TO BE PROVIDED SEPARATELY BY OWNER OR OWNER'S VENDOR. COORDINATE ALL WORK AS REQUIRED.

KEYED NOTES

- 120/208V, 3Ø, 4W PANELBOARD. SEE SCHEDULE ON THIS DWG.
- 1-1/2" C, #12 & #12G FEEDER TO EXISTING SPARE 100A FUSIBLE SWITCH IN EXISTING SWITCHBOARD. PROVIDE THREE 100A LOW-PEAK FUSES PLUS THREE SPARES.
- 250V, 60A/3P, NON-FUSED, NEMA-3R SAFETY SWITCH DISCONNECT.
- UNIT LOCATED ON SECOND FLOOR ABOVE. SEE 2/M101 FOR LOCATION. DISCONNECT AND REMOVE CIRCUITING TO EXISTING AC UNIT AT SAME LOCATION (SEE 2/M101).

KEY PLAN



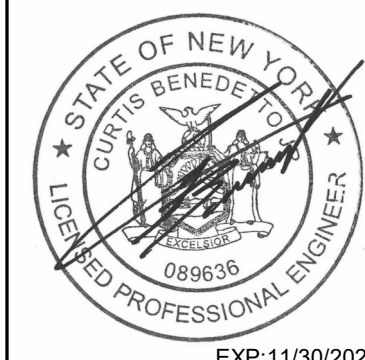
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CITY SCHOOL DISTRICT OF NEW ROCHELLE DANIEL WEBSTER ELEMENTARY SCHOOL 2023 CAPITAL PROJECTS - PHASE 2

Project Title



REV	DATE	DESCRIPTION
1	12/1/2025	REV Addendum 1

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Sheet Title

FIRST FLOOR
POWER AND
TELECOM
PLAN

Sheet No.

DWE
E102

CONSTRUCTION DOCUMENTS