

**ADDENDUM
NO. 03**

April 15, 2026

**Eastview Elementary School Renovation/Addition & Related Work
401 South Fountain Street
Connersville, IN 47331**

TO: ALL BIDDERS OF RECORD

This Addendum forms a part of and modifies the Bidding Requirements, Contract Forms, Contract Conditions, the Specifications and the Drawings dated March 16, 2026, by Gibraltar Design. Acknowledge receipt of the Addendum in the space provided on the Bid Form. Failure to do so may subject the Bidder to disqualification.

This Addendum consists of Pages ADD 3-1, Specification Section 00 10 00 - Instructions to Bidders, Specification Section 01 12 00 – Multiple Contract Summary, and attached Gibraltar Design Addendum No. 3, consisting of 4 narrative pages, Specification Section 08 71 00 - Door Hardware, Specification Section 12 25 00 - Roller Shades, and 19 drawing sheets.

A. 00 10 00 – INSTRUCTIONS TO BIDDERS

1. Revised specification section added in entirety and published as part of Addendum 03. This section shall be reviewed by all Bidding Contractors

Section includes added reference to the following:

- Pre-Award Conference Schedule

B. 01 12 00 – MULTIPLE CONTRACT SUMMARY

3.03 BID CATEGORIES

1. Revised specification section and reissued in entirety. Specific changes are noted below for reference. All Bidder Contractors shall review and incorporate revisions.

A. BID CATEGORY NO. 01- GENERAL TRADES

Add the following specification sections:

Section	12 25 00	Roller Shades
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SECTION 00 10 00 - INSTRUCTIONS TO BIDDERS

To be considered, bids must be submitted in accordance with these Instructions to Bidders.

PART 1 - GENERAL

General Information Notes

- A. Definitions set forth in the amended General Conditions of the Contract for Construction, In Section 00 70 00, are applicable to these Instructions to Bidders.
- B. Communications for the administration of the Contract shall be as set forth in the amended General Conditions and, in general, shall be through the Construction Manager.

1.01 DOCUMENTS

- A. Prime Bidders shall obtain complete sets of Bidding Documents at www.skillmanplanroom.com.
- B. Non-Prime Bidders may select individual sheets. Non-Prime Bidders shall identify sheets requested. The Construction Manager/Architect shall not be responsible for choosing correct sheets for Non-Prime Bidders.
- C. Failure to Execute Contract Documents: In the event the Bidder withdraws the bid or fails to execute a satisfactory Contract and furnish a satisfactory Contract Performance Bond and Payment Bond with a surety company in accordance with Article 1.16 of these Instructions to Bidders within 10 days after a contract has been awarded to the Bidder may forfeit their bid security required herein.
- D. Test Boring Data concerning subsurface materials or conditions which are based upon test pits or test borings has been obtained by the Owner for the Architect's use in designing Project. A copy of this report is included in this Project Manual as Section 00 20 00. Its accuracy or completeness is not guaranteed by the Owner, Architect or Construction Manager and in no event is it to be considered as part of the Contract Drawings and Specifications. The Contractor must assume all responsibility in excavating for this Project and shall not rely on subsurface information obtained from Architect, Construction Manager, or Owner. Bidders shall make their own investigation of existing subsurface conditions; neither Owner, Construction Manager, nor Architect will be responsible in any way for additional compensation for excavation work performed under the Contract due to Contractor's assumptions based on Test Boring Data prepared solely for Architect's use.

1.02 BIDDERS' EXAMINATION AND REPRESENTATION

- A. Before submitting a bid, each Bidder should carefully examine the Documents and the construction site and fully inform himself with the limitations and conditions related to the Work included in his bid and shall include in his Bid a sum to cover the cost of such items. Contractors will not be given extra payments for conditions, which could have been determined by examining the site and the documents.
- B. It is the purpose and intent of the Contract Documents that a fully complete job be accomplished. It shall be each Bidder's responsibility to include costs necessary to provide labor and materials for that portion of the Work bid upon, including incidentals, whether or not specifically required in the Specifications and Drawings.
- C. Each Bidder by making his bid represents that he has read and understands the bidding documents.
- D. Each Bidder by making his Bid represents that he has visited the site and familiarized himself with the local conditions under which the Work shall be performed.
- E. Each Bidder shall be responsible for being completely familiar with the work of other bid package(s), which require interface of Work with the bid package(s) on which the Bidder is bidding.
- F. No allowance shall be subsequently made in behalf of a Bidder by reason of an error or oversight on its part resulting from its failure to so examine the Construction Documents for the other trades.
- G. Each Bidder understands that past acceptance of products does not assure acceptance on this Project. Products not specifically specified require requests for approval prior to bid due date.
- H. This is a construction management project. **There is no General Contractor.** All Contractors on this Project are considered Prime Contractors. The Owner will award separate Contracts for all Bid Categories involved in the Project. The Project will be managed and coordinated by the Construction Manager, as a representative of the Owner.
- I. Safety Program. Each Contractor and subcontractor is responsible for the safety and security of employees and Work areas under their control and will, therefore, provide a written safety and HAZCOM program to The Skillman Corporation for jobsite file.

1.03 QUALIFICATIONS OF BIDDERS

- A. The Owner shall have the right to take such other steps deemed necessary to determine the ability of the Bidder to perform the Work, and the Bidder shall furnish the Owner such data for this purpose as requested.
- B. Each Bid and each exact copy thereof must be accompanied by a financial statement on the format of Indiana Form No. 96 (revised 2013), as prescribed by the State Board of Accounts of Indiana. This shall clearly show the Bidder's financial resources, his construction experience, his organization, and equipment available for Work contemplated.

1.04 CLARIFICATION OF BIDDERS' QUESTIONS

- A. Questions for this Project shall be directed to the Construction Manager and the Architect.
- B. Each Bidder is responsible for calling to the attention of the Construction Manager and the Architect ambiguities, inconsistencies, discrepancies, errors, or omissions, which occur in the Contract Documents for his part of the Work. Failing to request clarification, the Bidder will be expected to overcome such conditions without additions to his bid prices.
- C. Prospective Bidders in doubt as to the true meaning of a part of the Drawings, Specifications, or other Contract Documents shall submit to the Construction Manager and the Architect, not less than ten (10) days before the date of the bid, a written request for interpretation and clarification.
- D. Bidders are instructed to request interpretations and the issuing of Addenda if the Contract Documents call for materials, equipment, or methods which adversely affect the cost or quality of the Project or are unavailable.

1.05 APPROVAL BEFORE BIDDING

- A. If a contractor preparing bids for submission on the Work is in doubt as to the acceptability of a manufacturer's material or equipment, under the requirements as set forth in the Specifications, he shall require that representatives of the proposed manufacturer or supplier contact the Architect and request a ruling on the acceptability of the material or equipment in question. The contact should be made within the time herein required before the date scheduled for the closing of bids, so that an Addendum can be issued to clarify the situation.
- B. It is not possible to set the time allowance for the resolution of every problem; however, the time allowed shall not be less than 10 days before bid date. Each party requesting a ruling under this Article shall be responsible for the proper

- evaluation of the time involved and shall submit his request in ample time, as determined by the Architect, to process it.
- C. Prior to receipt of bids, the Architect will consider proposals for substitution of materials, equipment, and methods only when such proposals are submitted in writing within the time period stated before the date and time set for receipt of bids, and are accompanied by full and complete technical data and other information required by the Architect to evaluate the proposed substitution.
 - D. Requests for product approval shall be submitted on sample form following this Section and sent to: **Gibraltar Design, 4030 Vincennes Rd., Suite 100, Indianapolis, IN 46268, Joseph Fitzgerald, Phone (317-580-5777) and Email: jfitzgerald@gibaltardesign.com.**

1.06 ADDENDA

- A. Additional information required by the Bidders, revisions in the Work, changes or additions, discrepancies in the Bidding Documents, or clarifications will be in the form of addenda written by the Architect and issued by the Construction Manager to Prime Bidders of Record as of the date of such addenda.
- B. The Owner, Architect and Construction Manager reserve the right to issue addenda changing, altering, or supplementing the Contract Documents prior to the time set for receiving bids.
- C. All addenda will be posted on www.skillmanplanroom.com and each Bidder of Record Shall be notified. Prospective Bidders requesting a copy shall be directed www.skillmanplanroom.com. Bidders who will submit a bid to the Owner with the intent of entering into a Contract with the Owner and are registered plan holders on www.skillmanplanroom.com are considered “Bidders of Record”. Copies of addenda will be available for inspection wherever Contract Documents are on file for that purpose.
- D. Bidders are responsible for acquiring each issued addendum in time to incorporate them into their proposal.
- E. In the event delivery of addenda to Bidders is delayed, for reasons not the fault of the Bidders, the Owner may be requested to allow a reasonable extension of time for the opening of bids, to permit inclusion of such addenda.
- F. Each Bidder shall enumerate in his Bid each addendum he has received.
- G. If a Bidder fails to indicate receipt of each addendum through the last addendum, issued by the Architect and Construction Manager, on its Bid Proposal Form, the bid of such Bidder shall:

1. Clearly indicate that the Bidder received the addendum, such as where the addendum added another item to be bid upon and the Bidder submitted a bid on that item; or
2. Indicate the addendum involves only a matter of form or is one which has either no effect or has merely a trivial or negligible effect, as determined by the Construction Manager on price, quantity, quality, or delivery of the item bid upon.

Failure to include either item above will be reason to deem the bid non-responsive.

1.07 ALTERNATES

- A. Requested alternates are listed on the Bid Proposal Form and are described in detail under Section 01 23 00 - Alternates, Division 1 - General Requirements. They must be bid with base bid. NOTE: The terms "alternate" and "alternative" are used interchangeably to have the same meaning in this Project Manual and on the Drawings.
- B. The cost of each alternate shall include omissions, additions, and adjustments of trades as may be necessary because of each change, substitution, addition, or omission.
- C. Each Bidder shall be responsible for bidding alternates which affect the Work of the base bid he is bidding, regardless of whether listed or not listed on the Supplemental Bid Proposal Form. If an applicable alternate(s) is not listed on the Supplemental Bid Proposal Form, the Bidder shall submit on his letterhead the cost of said alternate(s). No additional costs will be allowed after signing of Contract for failure to bid applicable alternates.
- D. The Owner retains the right to include or exclude work required by Alternates, for the sums established exercisable within one hundred twenty (120) days from the date of the Contract.

1.08 UNIT PRICES – NOT USED

1.09 ARCHITECT'S AND CONSTRUCTION MANAGER'S COOPERATION DURING BIDDING PERIOD

- A. Each Bidder is encouraged to contact the Architect and Construction Manager in the event that problems occur, or questions arise in analyzing the Drawings and Specifications, where additional clarification or information would be helpful in the preparation of a proper bid.
- B. The Architect and Construction Manager will cooperate fully in connection with requests, and will provide information required, providing the Architect's and Construction Manager's ethical responsibilities are not encroached upon. This will

include, upon request, providing information in order to clarify basic intentions of the Specifications; and other assistance as may be helpful in the preparation of a proper, competitive bid.

- C. It is the general policy of the Architect and Construction Manager to be as helpful as possible to Bidders, insofar as is consistent with fair and open competition.

1.10 BIDDING PROCEDURES

- A. Each bid shall be submitted on the Bid Form and sealed in an envelope clearly marked as containing a bid, indicating the Project Name, the Bidder's name, the bid package (scope), the date and time of the bid opening, Owner's address, and address to where bid is delivered on the envelope.
- B. Every Bidder on a Public Works Project shall comply with the Indiana Public Works Law in accordance with Indiana Code 5-16-13 to include the provisions listed herein:
1. Tier 1 –General/Prime Contractors to self-perform 15% of their total Contract.
 2. Qualification thru the Department of Administration or INDOT requirement in accordance with IC 4-13.6-4.
 - a. **Bids shall not be considered unless (1) the Prime Bidder and (2) all lower tiered subcontractors whose subcontract value is estimated to be \$300,000 or more are qualified at the time of the bid in accordance with IC 4 – 13.6 – 4.**
 3. **Include Written Drug Testing Plan** that covers all employees of the bidder who will perform work on the public work project and meets or exceeds the requirements set in IC 4-13-18-5 or IC 4-13-18-6 **with Bid.**
 4. Minimum Insurance Requirements \$1M/occurrence \$2M/aggregate. However, check your bidding requirements as the Owners may have higher limit requirements.
 5. Mandatory enrollment in E-Verify by all contractors down to the 4th Tier Sub Contracts and must provide the case verification number of all employees working on the project.
 6. Prohibits contractors down to the 4th Tier Sub Contract from paying employees in cash.
 7. Requirement to retain payroll records for 3 years
 8. All contractors down to the 4th Tier Sub Contract must comply with Fair Labor Act, Indiana's Workers Compensation and Unemployment Compensation Insurance.
 9. Mandatory Training Requirements based upon number of employees.
 10. Failure to comply may result in debarment from public works projects for up to 4 years.

- C. Any substantial change, alteration or addition in the wording of the Bid Form may cause a bid to be rejected as not responsive for award of a Contract.
- D. Unless the Bidder withdraws the bid as provided in Article 1.12 hereof, the Bidder will be required to comply with all requirements of the Contract Documents, regardless of whether the Bidder had actual knowledge of requirements and regardless of any statement or omission made by the Bidder which might indicate a contrary intention.
- E. Bids shall be executed upon the Bid Proposal Form provided, and relevant blank spaces in the form shall be written in ink and not in pencil. The signature shall be in longhand and the completed form shall be without interlineation, alteration, or erasure. Each Bidder is required to bid every item called for, including alternate and unit costs.
- F. The Bidder shall show all bid amounts in both words and figures. In case of a conflict between the words and figures, the amount shown in words shall govern, where such words are not ambiguous. When the Bidder's intention and the meaning of the words are clear, omissions or misspelling of words will not render the words ambiguous.
- G. Any alteration or erasure of items inserted on the Bid Form shall be initialed by the Bidder.
- H. A bid is non-responsive if it has not been deposited at the designated location prior to the time and date for receipt of bids indicated in the Notice To Bidders, or prior to extension thereof issued to the Bidders.
- I. Telecommunicated bids will not be considered.
- J. Bids which are not signed by the individuals making them shall have attached thereto a Power of Attorney evidencing authority to sign the bid in the name of the person for whom it is signed. Bids, which are signed for a partnership, shall be signed by the partners, or by an attorney-in-fact. If signed by an attorney-in-fact, there shall be attached to the bid a Power of Attorney evidencing authority to sign the bid, executed by the partners.
- K. Each Bidder shall enumerate in his bid the addenda he has incorporated into his proposal.
- L. It is the Bidder's responsibility to include in his bid costs necessary for a completed and finished project for items of Work bid upon.
- M. **Submit bids in duplicate** with Bid Security and other requested supplemental material attached; properly and completely executed.

- N. When an alternate is listed on the bid Form, the Bidder shall fill in the applicable blank with an increased or decreased bid amount. The Owner reserves the right to accept or reject any or all bids on alternates, in whole or in part, and in any order.
- O. If no change in the bid amount is required, indicate "No Change".
- P. A blank entry or an entry of "No Bid", "N/A", or similar entry on any alternate affecting the Contractor's scope of work, will cause the bid to be rejected as non-responsive only if that alternate is selected.
- Q. If an alternate is not selected, an entry as listed in paragraph hereinbefore on that alternate will not, by itself, render a bid non-responsive.
- R. In a combined bid, a blank entry or an entry of "No Bid", "N/A", or similar entry on an alternate will cause the bid to be rejected as non-responsive only if that alternate applies to the combined bid and that alternate is selected.
- S. Proposals for Work shall not include the Indiana Sales Tax for materials to be incorporated into this Project. Owner will provide necessary tax exemption forms.
- T. Out-of-state Bidders, which are corporations, shall submit their Certificate of Authority to transact business in the State of Indiana with their bid.

1.11 BID SECURITY

- A. The amount of bid security required, and the type acceptable, is defined in the Notice to Bidders. The Surety for bid security shall be one complying with the requirements of these Instructions to Bidders.
- B. Bid security of the two (2) Apparent Low Bidders may be held following the bid opening, for not more than the maximum number of days stipulated in the Notice to Bidders, unless the Owner and Bidders agree otherwise; except that in the event a Bidder has been awarded the Contract and has failed to execute same or furnish proper performance and payment bonds, then the bid security of such Bidder will be subject to forfeit, and the next responsive Bidder, if tendered the Contract, will be subject to the same provisions as hereinbefore set forth. Should the award fall to the third responsive Bidder because of default of the previous two Bidders, the same condition will apply to the third Bidder as hereinbefore set forth.
- C. The bid security of Bidders, other than the three (3) apparent Low Bidders for each category, may be returned within three (3) days after the opening of bids, at the Owner's or Construction Manager's option.
- D. The bid security of the two (2) apparent Low Bidders will be returned within forty-eight (48) hours after the Form of Agreement has been executed, upon request.

- E. In the event that the Owner should decide to reject all bids, the bid securities will be returned within 72 hours following that decision.
- F. Bid security is subject to forfeiture if a bid is withdrawn during the time period bids are to be held.
- G. The two (2) low Bidders will be required to submit a complete list of subcontractors, material suppliers, and products on Section 00 43 50 – Subcontractors and Products List, to the Construction Manager within 48 hours, after being notified by the Skillman Corporation. Failure to submit this information within the required time may be considered as grounds for rejection of the bid.
- H. Manufacturers approved by addenda may be written in appropriate location.
- I. If Bidder awarded the Contract fails to indicate a specific product or manufacturer or lists multiple products and manufacturers for the same product, that Bidder (Contractor) shall provide the first listed product and manufacturer in the specification section.

1.12 MODIFICATION OR WITHDRAWAL OF BID PROPOSAL

- A. A Bidder may withdraw his bid prior to the scheduled time for the receipt of bids, without forfeiture of bid security. If a postponement of the time for receiving bids is made, the new time established therein shall be the time within the meaning of this Article.
- B. Bids may be modified prior to bid opening time.
- C. After commencement of the opening of bids, no Bidder may recall his bid.

1.13 OPENING OF BIDS

- A. The Notice to Bidders indicates the time and place fixed for opening of bids.
- B. Bids received prior to the time of opening will be securely kept, unopened. The officer whose duty it is to open them will decide when the specified time has arrived, and no Bid received thereafter will be considered responsive.
- C. No responsibility will be attached to an officer for the premature opening of a bid not properly addressed and identified.
- D. The amounts involved in alternates requested will be read or disclosed as part of the requirements of this Article. Voluntary alternates will not be considered.
- E. The Owner reserves the right to delay the time for opening of bids when, in his judgment, it is desirable or necessary.

1.14 DISQUALIFICATION

- A. The Owner reserves the right to reject each and every Bid, to waive formalities or informalities in bidding, to accept or reject alternates regardless of their order or sequence.
- B. The right is reserved to reject a Bid where an investigation of the available evidence of information does not satisfy the Owner that the Bidder is responsible to perform the terms of the Contract Documents.
- C. Only “bona fide” bids in a definite stated amount, without special clauses governing price of labor and material increases, will be considered. The Contract shall not include what is commonly known as an “Escalator Clause”.
- D. Bids which contain qualifications or conditions that are contrary to the text or intent of the Contract Documents, and which are inserted in the bid for the purpose of limiting or otherwise qualifying the responsibility of the Bidder, outside of the text or intent of the Contract Documents, will be determined to be non-responsive.
- E. Failure to submit the requested information with the bid shall be grounds for rejecting the bid.
- F. The ability of the Bidder to obtain or qualify for a performance bond or payment bond shall not be regarded as a sole test of such Bidder's competence or responsibility.
- G. The Bidder acknowledges the right of the Owner to reject bids and to waive informalities or irregularities in bids received. In addition, the Bidder recognizes the right of the Owner to reject a bid if the Bidder failed to furnish the required bid security or to submit the data required by the bidding Documents or if the bid is incomplete or irregular.

1.15 DETERMINATION OF LOWEST RESPONSIBLE AND RESPONSIVE BID

- A. Subject to the right of the Owner to reject each and every bid, the Owner will award the Contract for the Work to the Bidder submitting the lowest responsive and responsible bid. In making their determination the Owner may take into consideration not only the amount of the bid but also:
 - 1. Whether the Bidder has submitted a bid or quote that conforms in all material respects to the specifications.
 - 2. Whether the Bidder has submitted a bid that complies specifically with the Invitation to Bid and the Instructions to Bidders.
 - 3. Whether the Bidder has complied with all applicable statutes.
 - 4. The ability and capacity of the Bidder to perform the Work.
 - 5. The integrity, character, and reputation of the Bidder.
 - 6. The competence and experience of the Bidder.

- B. The failure to submit requested information on a timely basis may result in the determination that the Bidder is not responsible.
- C. In addition to the above items; the Owner will consider in awarding Work if the intent of the Guideline Schedule and completion of Work can be met within the specified number of consecutive calendar days.

1.16 PERFORMANCE BOND AND PAYMENT BOND

- A. The successful Bidder, awarded the Contract on this Project and prior to the execution of the Form of Agreement, shall provide a Performance Bond and Payment Bond, covering the faithful performance of the Contract and the payment of obligations arising thereunder in a penal sum equal to 100 percent of the amount of the Contract sum. Said bonds shall remain in effect for 12 months after date established as start of one-year correction period. Premiums shall be included and paid-for by the Contractor.
- B. Bonds shall be submitted on AIA Doc. A312.
- C. The Bidder shall deliver the required bonds to the Owner not later than the date of execution of the Contract.
- D. The Bidder shall require the attorney-in-fact that executes the required bonds on behalf of the Surety to affix thereto a certified and current copy of his Power of Attorney indicating the monetary limit of such power.
- E. Surety Company shall comply with the following:
 - 1. Insurance and Surety Companies shall be deemed qualified and acceptable to the Owner in connection with Contractor bonding and insurance requirements under said Contracts only if such companies have a policy holders rating of "A+", "A", or "A-", a financial category not less than Class VII as shown on Best's Key Rating Guide, latest edition; provided, however, that the bond is furnished by one of the aforesaid qualified Sureties who is also listed in the Department of the Treasury Circular 570, Volume 41, No. 132 Part V (Federal Register) and is licensed in the State of Indiana and the penal sum of the bond does not extend the underwriting limitation set forth in the subject Circular, unless the excess, if any, is reinsured with the approval of the Owner.
 - 2. Bonds shall be executed and be in force on the date of the execution of the Contract.
 - 3. The bonds shall be made out for not less than 100 percent of the entire amounts due under the Contract, and shall make provisions to cover additional amounts which may be authorized as provided for under changes in the work; and authorized as provided for under changes in the work; and authorized extensions of time by either making provisions for such

additional items in the text of the bond or by the issuance of an amendment or rider to provide for such additional coverage.

1.17 EXECUTION OF THE CONTRACT

- A. Subsequent to the award, and within ten (10) days after the prescribed Form of Agreement is presented for his signature, the Awardee shall execute and deliver them to the Owner through the Construction Manager, in such number of counterparts as the Owner may require.
- B. The failure of the Awardee to execute such Contract and to supply the required bonds when the Agreement is presented for signature or within such extended period as the Owner may grant, based upon reasons determined adequate by the Owner, shall constitute a default; and the Owner may either award the Contract to the next responsible Bidder or re-advertise for bids. In the event of default, the Owner shall have the right to declare the amount of the bid security forfeited. It shall be a further condition that the Owner shall not collect more on a defaulted Bid than the difference between the defaulted bid amount and the bid of the firm to which the award is made, after giving due weight and consideration to alternates accepted.

1.18 TIME OF COMMENCEMENT AND COMPLETION

- A. The Contractor shall commence work within ten (10) days after the effective date of the Contract, or when notified in writing to proceed, and shall complete the Work within the time limitations established in the Form of Agreement, these instructions to Bidders, and in Section 01 12 00 – Multiple Contract Summary.
 - 1. It is anticipated that construction will start within **140** calendar days after receipt of bids.
 - 2. Construction shall be complete within **465** consecutive calendar days, or earlier, after Notice to Proceed.
 - 3. See Section 01 32 00 – Schedules and Reports, for Guideline Project Schedule.

1.19 WAGE RATES – NOT APPLICABLE

1.20 COMBINED BIDS

- A. Bids shall be submitted for each individual bid category. Bids may also be submitted for a combination of two or more bid categories but may not be accepted unless individual bids have been submitted for each bid in the combination.
- B. Combination bid shall be submitted on a separate bid form. Insert the combination of bid categories on the bid form where noted “Insert Category No.(s) and Name(s)” and address all alternates for the combination bid.

- C. Separate bids and combination bids may be enclosed in a single envelope.
- D. A single bid bond is acceptable if the amount of the bond is for the maximum amount of any individual bid or combination bid to include any alternates.

1.21 LIST OF MAJOR SUBCONTRACTORS, SUPPLIERS, AND MANUFACTURERS

- A. The two low responsive Bidders shall submit a listing of major subcontractors and manufacturers within two (2) working days (48 hrs.) of notification.
- B. After submission of this list by the Bidder, and after approval by the Owner, Construction Manager, and Architect, it shall not be changed unless written approval of change is authorized by the Owner, Construction Manager, and Architect.

1.22 OUT-OF-STATE CONTRACTORS

- A. Out-of-state Contractor, which is a corporation, shall obtain a Certificate of Authority from the Secretary of State, State of Indiana, Indianapolis, Indiana prior to transacting business in the State of Indiana in accordance with Indiana Code 23-1-49-1.
- B. Proof of payment of Indiana Gross Income Tax, as provided in Chapter 370, Section 2, Subsection E, Acts of 1947, shall be submitted by out-of-state Contractor before final payment will be approved.
- C. If the out-of-state Contractor is not a corporation or is a corporation but does not obtain authorization to do business in the State of Indiana, taxes will be withheld by the Owner.

1.22 Pre-Award Conference Schedule

- A. Pre-Award Conferences will be held virtually via Microsoft Teams. Specific links to each meeting will be distributed after Bid Opening.

Bid Category No. 1	April 22, 2026	9:00AM
Bid Category No. 2	April 22, 2026	11:00AM
Bid Category No. 3	April 22, 2026	2:00PM
Bid Category No. 4	April 23, 2026	9:00AM
Bid Category No. 5	April 23, 2026	10:00AM
Bid Category No. 6	April 23, 2026	11:00AM

END OF SECTION 00 10 00

SECTION 01 12 00 - MULTIPLE CONTRACT SUMMARY

PART 1 - GENERAL

1.01 RELATED DOCUMENTS

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

1.02 SUMMARY

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

1.03 WORK UNDER SEPARATE CONTRACTS

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

quantities and for other reasons. No additional monies will be allowed due to Contractors using "scaling instruments" to determine material quantities or for other reasons.

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

1.04 ADMINISTRATIVE RESPONSIBILITIES OF PRIME CONTRACTORS AND CM

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

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

1.05 PRIME CONTRACTORS USE OF PREMISES

- A. Use of the Site: Limit use of the premises to work in areas indicated. Confine operations to areas within contract limits indicated. Do not disturb portions of the site beyond the areas in which the Work is indicated.
 - 1. Owner Occupancy: Allow for Owner occupancy and use by the public.
 - 2. Driveways and Entrances: Keep driveways and entrances serving the premises clear and available to the Owner, the Owner's employees, and emergency vehicles at all times. Do not use these areas for parking or storage of materials. Schedule deliveries to minimize space and time requirements for storage of materials and equipment on site.
- B. Use of the Existing Building: Maintain the existing building in a weathertight condition throughout the construction period. Repair damage caused by construction operations. Take all precautions necessary to protect the building and its occupants during the construction period.
- C. The erection of signage other than what is specified in the contract documents is prohibited.
- D. The use of drones on the property is restricted without prior written permission. Operators must be licensed and have insurance specific to the operation of aerial drones.
- E. Photographs or other imagery of the work in progress or renderings of the project shall not include any personal identifiable information of the project, the property, the Owner, or any occupants.

1.06 OWNERS RIGHT TO MAINTAIN OPERATIONS

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

- C. The Owner intends to instruct students, teachers, and staff to refrain from communications with Contractor's personnel working on this Project. All communication with Owner and staff shall be through the Construction Manager.
- D. Contractors must expend their best effort toward protection of the health, safety, and welfare of occupants on the Owner's property during the course of Work on this Project.

1.07 OCCUPANCY REQUIREMENTS

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

1.08 WORK BY OWNER

- A. The Owner intends to complete the following items of Work outside the provisions of these Contract Documents. Contractors shall not restrict or interfere with the Owner's right to the Project to accomplish this Work.
 - 1. Equipment and furniture except as scheduled and specified under Divisions 11 and 12 and shown on the Drawings.
 - 2. Items which may be deleted from Contracts for Work as required by the Contract Documents.
 - 3. Existing school maintenance work.
 - 4. The purchase and supplying of certain materials as noted in the Project Manual.
 - 5. The Owner, under separate contract, shall provide removal of identified asbestos containing materials from the existing structure. The asbestos report is available through the Construction Manager upon request.

1.09 PERMITS, FEES, AND NOTICES

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

1.10 LABOR AND MATERIALS

- A. Unless otherwise specifically noted, the Contractor shall provide and pay for labor, materials, equipment, tools, construction equipment and machinery, water, heat, utilities, transportation, and other facilities and services necessary for the proper execution and completion of his Work, whether temporary or permanent and whether or not incorporated or to be incorporated in the Work.
- B. Each Contractor shall enforce strict discipline and good order among his employees or other persons carrying out Work of his Contract and shall not permit employment of unfit person or persons or anyone not skilled in the task assigned to them.
- C. Contractors and Subcontractors shall be subject to such rules and regulations for the conduct of the Work as the Owner may establish. Employees shall be properly and completely clothed while working. Bare torsos, legs and feet will not be allowed. Possession or consumption of alcoholic beverages or drugs, tobacco or other noxious behavior on the site is strictly prohibited. Violators shall be promptly removed from the site. Smoking is not permitted on school property or within school buildings.

- D. Contractors will conduct criminal background checks (extent of and/or service to be used will be established by the Owner) on every employee assigned to work on the Project and clear them through the National Sex Offender Registry prior to their assignment to Project. Contractors will require the same of sub-contractors.
- E. ID Badges will be issued by The Skillman Corporation upon receipt of verification from the Contractor that the employee/subcontractor employee or independent contractor has a satisfactory record to work on the Project.
- F. E-Verify Compliance: Pursuant to I.C. 22-5-1.7, Contractor shall enroll in and verify the work eligibility status of all newly hired employees of Contractor through the E-Verify Program (Program). Contractor is not required to verify the work eligibility status of all newly hired employees through the Program if the Program no longer exists. Also pursuant to I.C. 22-5-1.7, Contractor must execute an affidavit affirming that the Contractor does not knowingly employ an unauthorized alien and confirming Contractor's enrollment in the Program, unless the Program no longer exists, shall be filed with the Owner prior to the execution of this contract. This contract shall not be deemed fully executed until such affidavit is delivered to the Owner.

Contractor and its subcontractors shall not knowingly employ or contract with an unauthorized alien or retain an employee or contract with a person that contractor or its subcontractor subsequently learns is an unauthorized alien. If Contractor violates this provision the Owner shall require Contractor to remedy the violation not later than thirty (30) days after the Owner notifies Contractor. If Contractor fails to remedy the violation within the thirty (30) day period, the Owner shall terminate the contract for breach of contract. If Owner terminates the contract, Contractor shall be liable to the Owner for actual damages in addition to any other contractual remedies. There is a rebuttable presumption that Contractor did not knowingly employ an unauthorized alien if Contractor verified the work eligibility status of the employee through the Program.

Prior to performing any work, Contractor shall require each subcontractor to certify to Contractor that the subcontractor does not knowingly employ or contract with an unauthorized alien and has enrolled in the Program. Contractor shall maintain on file a certification from each subcontractor throughout the duration of this contract or project which is the subject of this contract. If Contractor determines that a subcontractor is in violation of this provision, Contractor may terminate its contract with the subcontractor for such violation. In Accordance with I.C. 5-16-13 Contractor must provide the E-Verify Case Number of every employee that works on the project. This requirement includes the contractor's subs and suppliers to the fourth (4th) tier.

- G. The Owner is requiring that all contractors' personnel and their onsite employees and subcontractors submit to expanded history and child protection index check. Contractors shall enroll in the Safe Vendor Program through Safe Hiring Solutions www.safehiringsolutions.com. Enrollment in Safe Vendor will ensure contractors employees are vetted in accordance with I.C. 20-26-5-10 for expanded criminal history and expanded child protection index check. Contractor is responsible for the cost of enrollment and employee background check. All contractors' personnel and employees, once cleared for work will be issued a project identification badge that must be worn at all times while on site. All contractors/subcontractors employees shall provide name, address, picture state driver's license or picture identification card and/or Safe Vendor Card to The Skillman Corporation Site Manager upon request.
- H. Pursuant to Indiana Code 5-16-13 Requirements for Contractors on Public Works Projects enacted by the Indiana Legislator requires, in addition to requirements already in effect, contractors to comply with the following:
1. Tier 1 –General/Prime Contractors to self-perform 15% of their total Contract.
 2. Qualification thru the Department of Administration or INDOT requirement in accordance with IC 4-13.6-4.
 - a. **Bids shall not be considered unless (1) the Prime Bidder and (2) all lower tiered subcontractors whose subcontract value is estimated to be \$300,000 or more are qualified at the time of the bid in accordance with IC 4 – 13.6 – 4.**
 3. Include Written Drug Testing Plan that covers all employees of the bidder who will perform work on the public work project and meets or exceeds the requirements set in IC 4-13-18-5 or IC 4-13-18-6 with Bid.
 4. Minimum Insurance Requirements \$1M/occurrence \$2M/aggregate. However, check your bidding requirements as the Owners may have higher limit requirements.
 5. Mandatory enrollment in E-Verify by all contractors down to the 4th Tier Sub Contracts and must provide the case verification number of all employees working on the project.
 6. Prohibits contractors down to the 4th Tier Sub Contract from paying employees in cash.
 7. Requirement to retain payroll records for 3 years
 8. All contractors down to the 4th Tier Sub Contract must comply with Fair Labor Act, Indiana's Workers Compensation and Unemployment Compensation Insurance.
 9. Mandatory Training Requirements based upon number of employees.
 10. Failure to comply may result in debarment from public works projects for up to 4 years.

- I. All contractors down to the 4th Tier Sub Contract must maintain general liability insurance in at least the following amounts: Each Occurrence Limit of \$1,000,000 and General Aggregate Limit of \$2,000,000. Other requirements and limits may apply see specification section 00 50 00 Schedule of Insurance Requirements.

1.11 CUTTING AND PATCHING

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

1.12 VERIFICATIONS OF EXISTING DIMENSIONS

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

1.13 PROJECT SECURITY

- A. Each Prime Contractor shall take all reasonable precautions to prevent injury, damage or loss to people and property in, on and adjacent to the project. This shall include not only their own work or property but that of other contractors and the Owner.
- B. If deemed necessary by The Construction Manager a project wide security program may be developed for the purpose of preventing damage or loss at the project site or property adjacent thereto. Once accepted by the Owner, contractors shall comply.

1.14 SCHEDULE OF CONTRACT RESPONSIBILITIES - SCOPE

- A. Contractors shall submit their proposals based on the work included under each contract area as listed herein. Include Work necessary for a complete project, as shown on the Drawings and called for in the Specifications.
- B. Questions concerning the phasing or "Schedule of Contract Responsibilities" should be directed to the Construction Manager, who will be the interpreter and be responsible for this Schedule of Contract Responsibilities and Contract Breakdown, prior to submitting proposals and during construction.
- C. The requirements of Division 1 are a part of the Work of each and every contract area. The Contractor for any one contract area shall be familiar with the Work and requirements of all other contract areas.
- D. Certain Specification Sections describe Work to be performed under several contract areas. (Example: 06 10 00 - Rough Carpentry.) Provide Work of this nature as required for each contract area whether or not enumerated in the Schedule of Contract Responsibilities.

- E. The following contract areas are broken down by Specifications Section conforming basically to the CSI format.
- F. The Drawings and Specifications as furnished for each of the Contracts is for the convenience of the Contractor in preparing a proposal for this Project. However, each Contractor is responsible to review the complete set of Drawings and Specifications to assure that Work required to be installed to complete his phase of the Work is included in his proposal. This "Schedule of Contract Responsibilities" is a definition of the work as it is to be bid in separate contracts. Where a specific item of Work is not defined, but is normally inherent to a trade, or is included in the scope of the applicable technical revision, it will be the responsibility of that Contractor to include the Work in his proposal.
- G. This "Schedule of Contract Responsibilities" is to aid each Contractor in defining the Scope of Work to be included in his proposal. However, omissions from this "Schedule of Responsibilities" do not relieve the Contractor from including in his proposal that Work which will be required to complete his Contract. Each Contractor should read the "Schedule of Contract Responsibilities" completely to familiarize himself with the Work of other Contractors that may have Work in adjacent areas and to coordinate the interfacing problems that may occur as the work is assembled and constructed.
- H. Where specific Work is to be completed under a particular phase of the Project and the Work is wholly or partially completed by other trades because of the type of work involved or jurisdictional trade agreements, the Contractor will be responsible to subcontract the Work as necessary to complete the Work included in his Contract. No delay in the Work will be allowed due to the failure of the Contractor to subcontract related work required by jurisdictional trade agreements.

1.15 COORDINATION OF WORK

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

1.16 TIME OF COMMENCEMENT AND COMPLETION

- A. The Contractor shall commence work within ten (10) days after being notified in writing to proceed and shall complete the Work within the time limitations established in the Form of Agreement.
 - 1. It is anticipated that construction mobilization will start within **140** calendar days after receipt of bids. Submittals and material procurement to start following notice to proceed.
 - 2. Construction shall be complete within **566** consecutive calendar days, or earlier, after Notice to Proceed.

PART 2 - PRODUCTS (Not Used)

PART 3 - EXECUTION

3.01 SCHEDULE OF CONTRACT RESPONSIBILITIES

3.02 GENERAL REQUIREMENTS

A. PROVIDED BY OWNER THROUGH THE CONSTRUCTION MANAGER

Section	01 32 00	Schedules and Reports
Section	01 45 10	Testing Laboratory Services
Section	01 59 10	Project Office
Section	01 71 50	Final Cleaning

B. PROVIDED BY ALL CONTRACTORS AS APPLICABLE

Section	01 12 00	Multiple Contract Summary
Section	01 2 300	Alternates
Section	01 25 00	Contract Modification Procedures
Section	01 28 00	Schedule of Values
Section	01 29 00	Applications for Payment
Section	01 31 00	Project Meetings
Section	01 32 00	Schedules and Reports
Section	01 33 00	Submittal Procedures
Section	01 40 00	Quality Requirements
Section	01 45 10	Testing Laboratory Services (Paragraph 1.05)
Section	01 50 50	Temporary Facilities and Controls
Section	01 54 60	Environment Protection
Section	01 54 80	Utility Protection
Section	01 56 30	Water Control
Section	01 56 90	Housekeeping & Safety
Section	01 59 20	Offices and Sheds
Section	01 60 00	Product Requirements
Section	01 72 50	Work Layout
Section	01 73 10	Cutting and Patching
Section	01 77 00	Contract Closeout

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

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

C. PROVIDED BY DESIGNATED CONTRACTORS

Section	01 21 00	Allowances
Section	01 51 10	Temporary Electricity, Lighting and Warning Systems
Section	01 51 30	Temporary Heating, Ventilation and Cooling
Section	01 51 50	Temporary Water
Section	01 51 60	Temporary Sanitary Facilities
Section	01 51 80	Temporary Fire Protection
Section	01 52 10	Construction Aids and Temporary Enclosures
Section	01 52 60	Rubbish Container
Section	01 53 10	Fences (Temporary Security)
Section	01 53 20	Tree and Plant Protection
Section	01 53 30	Barricades
Section	01 55 00	Access Roads and Parking Areas and Groundskeeping
Section	01 56 20	Dust Control
Section	01 56 80	Erosion Control
Section	01 57 60	Project Signs
Section	01 72 00	Field Engineering

3.03 BID CATEGORIES

A. BID CATEGORY NO. 1 – General Trades

General Requirements in Paragraph 3.02.B above.

Section	01 21 00	Allowances
Section	01 51 50	Temporary Water
Section	01 51 60	Temporary Sanitary Facilities
Section	01 51 80	Temporary Fire Protection
Section	01 52 10	Construction Aids and Temporary Enclosures
Section	01 52 60	Rubbish Container
Section	01 53 10	Fences (Temporary Security)
Section	01 53 20	Tree and Plant Protection
Section	01 53 30	Barricades
Section	01 55 00	Access Roads and Parking Areas and Groundskeeping
Section	01 56 20	Dust Control
Section	01 56 80	Erosion Control
Section	01 57 60	Project Signs
Section	01 72 00	Field Engineering
Section	02 41 20	Removals
Section	02 41 30	Minor Demolition for Remodeling
Section	03 30 00	Concrete
Section	04 20 00	Unit Masonry
Section	05 12 00	Structural Steel
Section	05 21 00	Steel Joists
Section	05 31 23	Steel Roof Deck
Section	05 40 00	Cold Formed Metal Framing

Section	05 50 00	Miscellaneous Metals
Section	05 50 10	Embedded Structural Anchor Bolts
Section	06 10 00	Rough Carpentry
Section	06 20 00	Finish Carpentry
Section	07 21 16	Batt and Blanket Insulation
Section	07 21 19	Foamed-in-place Insulation
Section	07 27 31	Sheet Air and Water Resistant Barrier
Section	07 84 00	Firestopping
Section	07 90 00	Joint Sealants
Section	08 11 13	Standard Steel Doors and Frames
Section	08 14 16	Wood Doors
Section	08 31 13	Access Doors
Section	08 41 00	Aluminum Entrances and Storefronts
Section	08 51 13	Aluminum Windows
Section	08 71 00	Door Hardware (REISSUED per ADD. 03)
Section	08 81 00	Glazing
Section	08 91 00	Aluminum Wall Louvers
Section	09 22 13	Metal Framing and Furring
Section	09 29 00	Gypsum Board
Section	09 51 00	Acoustical Ceilings
Section	09 64 29	Wood Flooring
Section	09 67 23	Resinous Flooring
Section	09 84 00	Acoustical Wall Panels
Section	09 91 00	Painting
Section	10 11 00	Marker Boards and Corkboards
Section	10 21 14	Solid Plastic Toilet Partitions
Section	10 28 13	Toilet Accessories
Section	12 25 00	Roller Shades (ADDED per ADD. 03)
Section	11 19 90	Wall Padding
Section	31 10 00	Site Clearing
Section	31 20 00	Earthwork
Section	31 25 13	Soil Erosion and Sediment Control
Section	32 12 16	Asphaltic Paving
Section	33 30 00	Sanitary Sewerage
Section	33 41 00	Storm Utility Drainage Piping

Clarifications:

1. Contractor to be aware 'Scope B' is base bid work. 'Scope A' is considered an alternate.
2. Contractor is responsible for protecting all existing doors to remain.
3. Contractor is responsible for Ground Penetrating Radar (or similar technique) to locate all existing in-wall and/or below slab utilities prior to any demolition activity.
4. Contractor is responsible for private utility locates prior to any excavation or earthmoving. In locations where anticipated utility cannot be located, Contractor shall hydro-vacuum excavate to locate unknown utility.

5. Contractor is responsible to supply dumpsters and rubbish containers for all Contractors and Work for duration of the project.
6. Provide road cleaning and sweeping for the duration of the project.
7. Provide and maintain all erosion control measures, including all inspections and documentation required by IDEM following rain events.
8. Provide temporary sanitary facilities for all Contractors for duration of project. Placement of sanitary facilities to be coordinated with Construction Manager.
9. Contractor is responsible to provide and maintain concrete washout for all concrete spoils.
10. Provide temporary gravel construction access area, including stone, as shown C200. Removal and restoration of this space to be included within the bid.
11. Contractor is responsible for all wood blocking except where wood blocking is essential for roofing. Wood blocking is to be considered any dimensional lumber, sheathing, plywood, danbacking, or similar material.
12. Contractor is responsible for saw cutting, demolition, and placement of concrete depicted on Foundation Plans and Architectural Demolition Plans.
13. Include a total of 100 man-hours at laborer's pay rate (including all fringe benefits and payroll expenses) for work to be performed at the direction of the Construction Manager. At the end of the job, unused hours will be converted to a dollar amount per Wage Scale (including fringe benefits) and returned to the Owner through a deduct Change Order. Track with work tickets signed daily by Skillman Site Manager as documentation.
14. Include a total of 200 man-hours at Skilled Carpenter's pay rate (including all fringe benefits and payroll expenses) for work to be performed at the direction of the Construction Manager. At the end of the job, unused hours will be converted to a dollar amount per Wage Scale (including fringe benefits) and returned to the Owner through a deduct Change Order. Track with work tickets signed daily by Skillman Site Manager as documentation.
15. Include a total of 100 man-hours at Skilled Drywall Finisher's pay rate (including all fringe benefits and payroll expenses) for work to be performed at the direction of the Construction Manager. At the end of the job, unused hours will be converted to a dollar amount per Wage Scale (including fringe benefits) and returned to the Owner through a deduct Change Order. Track with work tickets signed daily by Skillman Site Manager as documentation.
16. Include a total of 100 man-hours at Skilled Painter's pay rate (including all fringe benefits and payroll expenses) for work to be performed at the direction of the Construction Manager. At the end of the job, unused hours will be converted to a dollar amount per Wage Scale (including fringe benefits) and returned to the Owner through a deduct Change Order. Track with work tickets signed daily by Skillman Site Manager as documentation.
17. Contractor is responsible for all joint sealants.
18. Contractor is responsible for any temporary shoring necessary during demolition.
19. Contractor is responsible for all wood trim refinishing.

20. Contractor is responsible for keeping existing sanitary functional until new sanitary line is functional.
21. The General Trades Contractor shall refer to Guideline Schedule and include in their bid all necessary winter conditions procedures as required to meet the schedule..
22. Contractor is responsible for mulch and wood border removal as noted on C100.
23. Contractor is responsible for removal and re-install of fence as noted on C100.
24. Contractor is responsible for temporary seeding as indicated on C900 and C901..
25. Contractor is responsible for refinishing (Vitrify) Terrazzo floor in cafeteria as indicated on note A23 on A-104
26. Contractor is responsible for temporary sanitary connections for Owner provided restroom trailer.

B. BID CATEGORY NO. 2 – Roofing

General Requirements in Paragraph 3.02.B above.

Section	01 21 00	Allowances
Section	07 42 64	Aluminum Soffit Panel
Section	07 53 23	Roof Patching
Section	07 53 24	Roof Insulation and Membrane Roofing - EPDM
Section	07 62 00	Sheet Metal Flashing
Section	07 71 19	Aluminum Fascias, Copings, Gutters, and Downspouts

Clarifications:

1. Contractor to be aware ‘Scope B’ is base bid work. ‘Scope A’ is considered an alternate
2. Roofing Contractor is responsible for all wood blocking, sheathing, insulation and plywood required for roof systems including MEP curbs, metal roof coping, flashings, gutters, roof hatches, or the like, interfacing with roofing.
3. Roofing Contractor shall coordinate roof penetrations with the appropriate trades and ensure that all penetrations conform with the roof systems installation requirements. Provide all material necessary to seal these penetrations.
4. Roofing Contractor to provide roofing gutters and downspouts and include tie into storm piping system. Downspout boots shall be provided by the General Trades Contractor.

C. BID CATEGORY NO. 3 – Flooring

General Requirements in Paragraph 3.02.B above.

Section	01 21 00	Allowances
Section	09 31 00	Ceramic Tile
Section	09 65 13	Resilient Flooring
Section	09 65 67	Sheet Vinyl Sports Floor Covering
Section	09 68 00	Carpet

Clarifications:

1. Contractor to be aware ‘Scope B’ is base bid work. ‘Scope A’ is considered an alternate
2. Contractor to be aware that flooring being removed by owner will be chemically removed.
3. Include 100 hours of additional floor preparation over above requirements noted in drawings and specifications.
4. Contractor to provide flooring protection (similar to 3mm carpet shield) immediately upon completion of work.

D. BID CATEGORY NO. 4 – Casework

General Requirements in Paragraph 3.02.B above.

Section	01 21 00	Allowances
Section	06 10 00	Rough Carpentry
Section	06 20 00	Finish Carpentry
Section	12 32 16	Plastic Laminate Casework

Clarifications:

1. Contractor to be aware ‘Scope B’ is base bid work. ‘Scope A’ is considered an alternate

E. BID CATEGORY NO. 5 – HVAC & Plumbing

General requirements in Paragraph 3.02.B above.

Section	01 21 00	Allowances
Section	01 51 30	Temporary Heating, Ventilation and Cooling
Section	07 84 00	Firestopping
Section	22 05 00	Plumbing General Conditions
Section	22 07 00	Plumbing Insulation
Section	22 11 00	Domestic Water Distribution
Section	22 13 00	Sanitary Distribution
Section	22 42 00	Plumbing Fixtures
Section	23 05 00	Mechanical Materials and Methods
Section	23 05 17	Sleeves and Sleeve Seals for HVAC Piping
Section	23 05 19	Meters and Gauges for HVAC Piping
Section	23 05 53	Identification for HVAC Piping and Equipment
Section	23 05 93	Testing, Adjusting, and Balancing
Section	23 07 00	Mechanical Insulation
Section	23 09 23	Temperature Controls
Section	23 09 34	Variable Frequency Motor Controllers

Section	23 11 23	Natural Gas System Piping
Section	23 21 13	Hydronic Piping
Section	23 21 14	Hydronic Specialties
Section	23 21 23	Hydronic Pumps
Section	23 25 00	Water Treatment
Section	23 34 00	Exhaust Fans and Accessories
Section	23 36 00	Air Terminal Units
Section	23 51 00	Breechings Chimneys and Stacks
Section	23 52 16	Condensing Boilers
Section	23 74 14	Roof-Top HVAC Units
Section	23 81 23	Computer Room Cooling Units
Section	23 82 16	Hydronic Air Coils
Section	23 82 19	Fan Coil Units
Section	23 83 23	Vertical Unit Ventilators
Section	23 88 00	Ductwork and Accessories

Clarifications:

1. Contractor to be aware 'Scope B' is base bid work. 'Scope A' is considered an alternate.
2. Contractor is responsible for maintaining heating and cooling for the duration of the project to maintain project phasing plan.
3. Contractor is responsible for all sleeves and seals required for their own penetrations.
4. Contractor is responsible for access doors and frames not noted on Architectural.
5. Contractor is responsible for providing exact locations of required sleeves to Contractor responsible for footing, foundation, or wall construction.
6. Contractor is responsible for their own equipment pads.
7. Contractor is responsible for testing, adjusting, and balancing upon completion of each phase of work.
8. All temperature controls low voltage wiring is the responsibility of this Contractor
9. All temperature controls in wall rough-in is the responsibility of the Electrical and Technology contractor.
10. Contractor is responsible for firestopping of mechanical and plumbing penetrations only.
11. Contractor is responsible for saw cutting, demolition, and placement of concrete for plumbing rough-in.

F. BID CATEGORY NO. 6 – Electrical

General Requirements in Paragraph 3.02.B above.

Section	01 51 10	Temporary Electricity, Lighting and Warning Systems
Section	07 84 00	Firestopping
Section	26 00 00	Electrical Work General Conditions
Section	26 05 00	Work in Existing Building
Section	26 05 29	Supporting Devices
Section	26 05 33	Raceways
Section	26 09 23	Occupancy Sensors
Section	26 21 00	Wires and Cables
Section	26 24 16	Panelboards
Section	26 27 25	Boxes
Section	26 27 26	Wiring Devices
Section	26 28 16	Disconnect Switches
Section	26 51 13	Lighting Fixtures
Section	27 00 01	General Requirements for Communications
Section	27 00 02	Quality Assurance for Communications
Section	27 00 04	Existing Conditions and Demolition
Section	27 05 01	Operation and Maintenance of Communication Systems
Section	27 05 02	Basic Materials and Methods for Communications
Section	27 05 26	Grounding and Bonding for Communication Systems
Section	27 05 28	Pathways for Communication Systems
Section	27 05 50	Firestopping for Communication Systems
Section	27 05 53	Identification for Communication Systems
Section	27 11 11	Communications Wall Linings
Section	27 11 16	Communication Cabinets, Racks, Frames, and Enclosures
Section	27 11 23	Communication Cable Management and Ladder Rack
Section	27 11 26	Communication Rack Mount Power Protection and Power Strips
Section	27 13 23	Communications Fiber Optic Backbone Cabling
Section	27 15 13	Communications Copper Horizontal Cabling
Section	27 16 00	Communications Connection Cords, Devices, and Adapters
Section	27 41 11	Audio and Video Systems Cabling
Section	27 41 26	Audio and Video Systems
Section	27 51 23	Intercommunications and Clock Systems
Section	28 31 63	Extension of Existing Fire Alarm and Detection System

Clarifications:

1. Contractor to be aware ‘Scope B’ is base bid work. ‘Scope A’ is considered an alternate.
2. Contractor to be responsible for all pathways, wiring, and controls for all lighting including Owner provided.

3. Contractor is responsible for final connection of all hard-wired equipment and furnishings, either Contractor or Owner provided.
4. All temperature controls low voltage wiring is the responsibility of the HVAC & Plumbing Contractor
5. All temperature controls in wall rough-in is the responsibility of this contractor.
6. Contractor is responsible for 100amp service to Owner provided temporary restroom trailer.

END OF SECTION 01 12 00

ADDENDUM THREE

Addendum Three (AD.03) to the drawings and specifications prepared by Gibraltar Design for **Eastview Elementary School Renovation and Related Work** for Fayette County School Corporation, Connersville, Indiana.

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

CLARIFICATION

- A. Clarification on Addendum #2: Contractors are to adjust all references, Sheet Border Tags, and Sheet Tags indicated as Addendum No. 01 or AD-1 to read and be accepted as Addendum No. 2 and AD-2, complete.**

SPECIFICATIONS

- 1. Specification Section 00 01 10 Table of Contents**
 - A. Add new Specification Section to Division 12 – Furnishings:
 1. 12 25 00 Roller Shades
- 2. Specification Section 04 20 00 Unit Masonry**
 - A. Add Paragraph 2.13.D.1.a. as follows: “a. Contractors Option: Provide and install CavClear Masonry Mat, as manufactured by Archovations, Inc., Hudson, Wisconsin, either in size matching above or full height.”
 - B. Add new Paragraph 2.10.A.5. as follows: “5. Trufast, Bryan, Ohio.”
 - C. Add new Paragraph 2.10.D.3.a. as follows: “a. Thermal-Grip Masonry Veneer Anchor as manufactured by TruFast, as an equal anchor.”
- 3. Specification Section 07 53 24 Roof Insulation and Membrane Roofing - EPDM**
 - A. Add new Paragraph 2.1.A.5. as follows: “5. Johns Manville (A Berkshire Hathaway Company), Denver, Colorado.”
- 4. Specification Section 08 71 00 Door Hardware**
 - A. Replace Specification Section 08 71 00. Door Hardware, in its entirety, as included in this addendum.
- 5. Specification Section 09 67 22 Resinous Flooring**
 - A. Add new Paragraph 2.1.B.3. as follows: “3. Terrazzo & Marble Supply Companies, Terroxy Decorative (Flake) Thin Set System.”

6. Specification Section 12 25 00

Roller Shades

A. See added Specification Section 12 25 00, Roller Shades, included in this addendum.

7. Specification Section 27 15 13

Communications Copper Horizontal Cabling

A. Part 2 Products – Add Paragraph 2.2.b.2 General Cable.

DRAWINGS

8. Sheet C-800

A. Question: What is the asphalt thickness and stone subbase thickness? Are we to use the pavement repair detail on sheet C800?

1. Answer: "Asphalt Pavement Repair" should be utilized for pavement repair and thickness.

9. Sheet C-900

A. Question: Is silt fence required?

1. Answer: Silt Fence is/was shown on Sheet C900 as part of previous drawings.

10. Sheet C-902

A. Question: What is the stone depth for the temporary construction laydown area?

1. Answer: Refer to detail for Construction Entrance shown on C902 should be used for the construction laydown area.

11. Sheets AD101 and AD102

A. Refer to revised, full-size drawing, included in this Addendum, for revisions.

12. Sheet A-103

A. Refer to revised, full-size drawing, included in this Addendum, for revisions.

13. Sheet A-412

A. Refer to revised, full-size drawing, included in this Addendum, for revisions.

14. Sheet A-620

1. Refer to revised, full-size drawing, included in this Addendum, for revisions.

15. Sheet A-804

A. Refer to revised, full-size drawing, included in this Addendum, for revisions.

16. Sheet A-820

A. Refer to revised, full-size drawing, included in this Addendum, for revisions.

17. Sheet A-901

A. Refer to revised, full-size drawing, included in this Addendum, for revisions.

18. Sheet P-113

A. Refer to revised, full-size drawing, included in this Addendum, for revisions.

19. Sheet P-601 and P-602

A. Refer to revised, full-size drawing, included in this Addendum, for revisions.

20. Sheet E-002

A. Refer to revised, full-size drawing, included in this Addendum, for revisions.

21. Sheet EL101

- A. Refer to revised, full-size drawing, included in this Addendum, for revisions.

22. Sheet EP101 and EP102

- A. Refer to revised, full-size drawing, included in this Addendum, for revisions.

23. Sheet E-501 and E-502

- A. Refer to revised, full-size drawing, included in this Addendum, for revisions.

24. Sheet T-001

- A. Refer to revised, full-size drawing, included in this Addendum, for revisions.
1. Question: Regarding the T drawings, there is a hexagons with a "C" inside, what does this reference and is a Cat6/Cat6A cable required?
 - a. Answer: These are analog battery powered clock. No Data Cable is required. Note that the "DC" inside a square is an LED clock which does require a Cat6 cable. See changes to the drawings Sheet T-001 for the updated Symbol Legend.

25. Sheet T-401

- A. Refer to revised, full-size drawing, included in this Addendum, for revisions.
1. Regarding Drawing T-401, can you clarify the demo requirements for the MDF? The only statement made on the drawing is "Existing legacy phone system to be removed, including all unused telephone cabling". Are we to demo the existing backbone cable as well.
 - a. Answer: The symbols on the demo plans indicate the old outlets that are to be demoed, which includes all the existing voice, data, and coax cabling. This is to be removed back to the source which is the MDF. If there is any other telephone backbones cabling it is also to be removed. All the demo activity is to be coordinated with Fayette County Technology Staff, as there may be some legacy voice circuits being utilized for devices such as alarm or fax that will need to remain in place. See changes to the drawings for additional demo notes added to sheet T-401.

26. Sheet T-402

- A. Question: Regarding Drawing T-402, can you clarify if a 4-post rack or cabinet is required for the MDF room? The diagram states "42" deep cabinet, min 42U / 4-post open rack.
1. Answer: See Drawing Sheet T-403. The label for each rack indicates the "type" which can then be referenced in Spec Section 27 11 16 Rack Frames and Enclosures (paragraph 2.2.A.5 and 2.2.A.7). Note Type "C4" lists "cage nut" rails and "C6" lists 10-32 threads on rails. Confirm with owner before ordering which rail type is preferred. Required Rack Accessories are listed in paragraph 2.3. See sheet T-403 for typical rack layout.
 - a. MDF has One Type "C4 "and One Type "C6"
 - b. IDF has One type "C4".
- B. Question: Regarding Drawing T-402, can you clarify if a 4-post rack or cabinet is required for the IDF room? The diagram states "36" deep cabinet, min 42U / 4-post open rack.

1. Answer: See answer to Question 2.

Pages 1 through 4, inclusive, Two (2) Specification Sections, and Nineteen (19) Full-Size Drawings, constitutes the total makeup of **Addendum Three**.

A handwritten signature in black ink that reads 'Joseph P. Briggs'.

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SECTION 08 71 00

DOOR HARDWARE

1 General

1.1 SUMMARY

A. Section includes:

1. Mechanical and electrified door hardware
2. Electronic access control system components

B. Section excludes:

1. Windows
2. Cabinets (casework), including locks in cabinets
3. Signage
4. Toilet accessories
5. Overhead doors

C. Related Sections:

1. Division 01 "General Requirements" sections for Allowances, Alternates, Owner Furnished Contractor Installed, Project Management and Coordination.
2. Division 06 Section "Rough Carpentry"
3. Division 06 Section "Finish Carpentry"
4. Division 07 Section "Joint Sealants" for sealant requirements applicable to threshold installation specified in this section.
5. Division 08 Sections:
 - a. "Metal Doors and Frames"
 - b. "Flush Wood Doors"
 - c. "Stile and Rail Wood Doors"
 - d. "Interior Aluminum Doors and Frames"
 - e. "Aluminum-Framed Entrances and Storefronts"
 - f. "Stainless Steel Doors and Frames"
 - g. "Special Function Doors"
 - h. "Entrances"
6. Division 26 "Electrical" sections for connections to electrical power system and for low-voltage wiring.

7. Division 28 "Electronic Safety and Security" sections for coordination with other components of electronic access control system and fire alarm system.

1.2 REFERENCES

- A. UL LLC
 1. UL 10B - Fire Test of Door Assemblies
 2. UL 10C - Positive Pressure Test of Fire Door Assemblies
 3. UL 1784 - Air Leakage Tests of Door Assemblies
 4. UL 305 - Panic Hardware
- B. DHI - Door and Hardware Institute
 1. Sequence and Format for the Hardware Schedule
 2. Recommended Locations for Builders Hardware
 3. Keying Systems and Nomenclature
 4. Installation Guide for Doors and Hardware
- C. NFPA – National Fire Protection Association
 1. NFPA 70 – National Electric Code
 2. NFPA 80 – 2016 Edition – Standard for Fire Doors and Other Opening Protectives
 3. NFPA 101 – Life Safety Code
 4. NFPA 105 – Smoke and Draft Control Door Assemblies
 5. NFPA 252 – Fire Tests of Door Assemblies
- D. ANSI - American National Standards Institute
 1. ANSI A117.1 – 2017 Edition – Accessible and Usable Buildings and Facilities
 2. ANSI/BHMA A156.1 - A156.29, and ANSI/BHMA A156.31 - Standards for Hardware and Specialties
 3. ANSI/BHMA A156.28 - Recommended Practices for Keying Systems
 4. ANSI/WDMA I.S. 1A - Interior Architectural Wood Flush Doors
 5. ANSI/SDI A250.8 - Standard Steel Doors and Frames

1.3 SUBMITTALS

- A. General:
 1. Submit in accordance with Conditions of Contract and Division 01 Submittal Procedures.
 2. Prior to forwarding submittal:
 - a. Review drawings and Sections from related trades to verify compatibility with specified hardware.
 - b. Highlight, encircle, or otherwise specifically identify on submittals: deviations from Contract Documents, issues of incompatibility or other issues which may detrimentally affect the Work.

- B. Action Submittals:
1. Product Data: Submit technical product data for each item of door hardware, installation instructions, maintenance of operating parts and finish, and other information necessary to show compliance with requirements.
 2. Riser and Wiring Diagrams: After final approval of hardware schedule, submit details of electrified door hardware, indicating:
 - a. Wiring Diagrams: For power, signal, and control wiring and including:
 - 1) Details of interface of electrified door hardware and building safety and security systems.
 - 2) Schematic diagram of systems that interface with electrified door hardware.
 - 3) Point-to-point wiring.
 - 4) Risers.
 3. Samples for Verification: If requested by Architect, submit production sample of requested door hardware unit in finish indicated and tagged with full description for coordination with schedule.
 - a. Samples will be returned to supplier. Units that are acceptable to Architect may, after final check of operations, be incorporated into Work, within limitations of key coordination requirements.
 4. Door Hardware Schedule:
 - a. Submit concurrent with submissions of Product Data, Samples, and Shop Drawings. Coordinate submission of door hardware schedule with scheduling requirements of other work to facilitate fabrication of other work critical in Project construction schedule.
 - b. Submit under direct supervision of a Door Hardware Institute (DHI) certified Architectural Hardware Consultant (AHC) or Door Hardware Consultant (DHC) with hardware sets in vertical format as illustrated by Sequence of Format for the Hardware Schedule published by DHI.
 - c. Indicate complete designations of each item required for each opening, include:
 - 1) Door Index: door number, heading number, and Architect's hardware set number.
 - 2) Quantity, type, style, function, size, and finish of each hardware item.
 - 3) Name and manufacturer of each item.
 - 4) Fastenings and other pertinent information.
 - 5) Location of each hardware set cross-referenced to indications on Drawings.
 - 6) Explanation of all abbreviations, symbols, and codes contained in schedule.
 - 7) Mounting locations for hardware.
 - 8) Door and frame sizes and materials.

- 9) Degree of door swing and handing.
 - 10) Operational Description of openings with electrified hardware covering egress, ingress (access), and fire/smoke alarm connections.
5. Key Schedule:
- a. After Keying Conference, provide keying schedule that includes levels of keying, explanations of key system's function, key symbols used, and door numbers controlled.
 - b. Use ANSI/BHMA A156.28 "Recommended Practices for Keying Systems" as guideline for nomenclature, definitions, and approach for selecting optimal keying system.
 - c. Provide 3 copies of keying schedule for review prepared and detailed in accordance with referenced DHI publication. Include schematic keying diagram and index each key to unique door designations.
 - d. Index keying schedule by door number, keyset, hardware heading number, cross keying instructions, and special key stamping instructions.
 - e. Provide one complete bitting list of key cuts and one key system schematic illustrating system usage and expansion. Forward bitting list, key cuts and key system schematic directly to Owner, by means as directed by Owner.
 - f. Prepare key schedule by or under supervision of supplier, detailing Owner's final keying instructions for locks.
- C. Informational Submittals:
1. Provide Qualification Data for Supplier, Installer and Architectural Hardware Consultant.
 2. Provide Product Data:
 - a. Certify that door hardware approved for use on types and sizes of labeled fire-rated doors complies with listed fire-rated door assemblies.
 - b. Include warranties for specified door hardware.
- D. Closeout Submittals:
1. Operations and Maintenance Data: Provide in accordance with Division 01 and include:
 - a. Complete information on care, maintenance, and adjustment; data on repair and replacement parts, and information on preservation of finishes.
 - b. Catalog pages for each product.
 - c. Final approved hardware schedule edited to reflect conditions as installed.
 - d. Final keying schedule
 - e. Copy of warranties including appropriate reference numbers for manufacturers to identify project.
 - f. As-installed wiring diagrams for each opening connected to power, both low voltage and 110 volts.
- E. Inspection and Testing:

1. Submit written reports to the Owner and Authority Having Jurisdiction (AHJ) of the results of functional testing and inspection for:
 - a. Fire door assemblies, in compliance with NFPA 80.
 - b. Required egress door assemblies, in compliance with NFPA 101.

1.4 QUALITY ASSURANCE

A. Qualifications and Responsibilities:

1. Supplier: Recognized architectural hardware supplier with a minimum of 5 years documented experience supplying both mechanical and electromechanical door hardware similar in quantity, type, and quality to that indicated for this Project. Supplier to be recognized as a factory direct distributor by the manufacturer of the primary materials with a warehousing facility in the Project's vicinity. Supplier to have on staff, a certified Architectural Hardware Consultant (AHC) or Door Hardware Consultant (DHC) available to Owner, Architect, and Contractor, at reasonable times during the Work for consultation.
2. Installer: Qualified tradesperson skilled in the application of commercial grade hardware with experience installing door hardware similar in quantity, type, and quality as indicated for this Project.
3. Architectural Hardware Consultant: Person who is experienced in providing consulting services for door hardware installations that are comparable in material, design, and extent to that indicated for this Project and meets these requirements:
 - a. For door hardware: DHI certified AHC or DHC.
 - b. Can provide installation and technical data to Architect and other related subcontractors.
 - c. Can inspect and verify components are in working order upon completion of installation.
 - d. Capable of producing wiring diagram and coordinating installation of electrified hardware with Architect and electrical engineers.
4. Single Source Responsibility: Obtain each type of door hardware from single manufacturer.

B. Certifications:

1. Fire-Rated Door Openings:
 - a. Provide door hardware for fire-rated openings that complies with NFPA 80 and requirements of authorities having jurisdiction.
 - b. Provide only items of door hardware that are listed products tested by UL LLC, Intertek Testing Services, or other testing and inspecting organizations acceptable to authorities having jurisdiction for use on types and sizes of doors indicated, based on testing at positive pressure and according to NFPA 252 or UL 10C and in compliance with requirements of fire-rated door and door frame labels.
2. Smoke and Draft Control Door Assemblies:

- a. Provide door hardware that meets requirements of assemblies tested according to UL 1784 and installed in compliance with NFPA 105
 - b. Comply with the maximum air leakage of 0.3 cfm/sq. ft. (3 cu. m per minute/sq. m) at tested pressure differential of 0.3-inch wg (75 Pa) of water.
 3. Electrified Door Hardware
 - a. Listed and labeled as defined in NFPA 70, Article 100, by testing agency acceptable to authorities having jurisdiction.
 4. Accessibility Requirements:
 - a. Comply with governing accessibility regulations cited in "REFERENCES" article 087100, 1.02.D3 herein for door hardware on doors in an accessible route. This project must comply with all Federal Americans with Disability Act regulations and all Local Accessibility Regulations.
- C. Pre-Installation Meetings
 1. Keying Conference
 - a. Incorporate keying conference decisions into final keying schedule after reviewing door hardware keying system including:
 - 1) Function of building, flow of traffic, purpose of each area, degree of security required, and plans for future expansion.
 - 2) Preliminary key system schematic diagram.
 - 3) Requirements for key control system.
 - 4) Requirements for access control.
 - 5) Address for delivery of keys.
 2. Pre-installation Conference
 - a. Review and finalize construction schedule and verify availability of materials, Installer's personnel, equipment, and facilities needed to make progress and avoid delays.
 - b. Inspect and discuss preparatory work performed by other trades.
 - c. Inspect and discuss electrical roughing-in for electrified door hardware.
 - d. Review sequence of operation for each type of electrified door hardware.
 - e. Review required testing, inspecting, and certifying procedures.
 - f. Review questions or concerns related to proper installation and adjustment of door hardware.
 3. Electrified Hardware Coordination Conference:
 - a. Prior to ordering electrified hardware, schedule and hold meeting to coordinate door hardware with security, electrical, doors and frames, and other related suppliers.

1.5 DELIVERY, STORAGE, AND HANDLING

- A. Inventory door hardware on receipt and provide secure lock-up for hardware delivered to Project site. Promptly replace products damaged during shipping.
- B. Tag each item or package separately with identification coordinated with final door hardware schedule, and include installation instructions, templates, and necessary fasteners with each item or package. Deliver each article of hardware in manufacturer's original packaging.
- C. Maintain manufacturer-recommended environmental conditions throughout storage and installation periods.
- D. Provide secure lock-up for door hardware delivered to Project. Control handling and installation of hardware items so that completion of Work will not be delayed by hardware losses both before and after installation.
- E. Handle hardware in manner to avoid damage, marring, or scratching. Correct, replace or repair products damaged during Work. Protect products against malfunction due to paint, solvent, cleanser, or any chemical agent.
- F. Deliver keys to manufacturer of key control system for subsequent delivery to Owner.

1.6 COORDINATION

- A. Coordinate layout and installation of floor-recessed door hardware with floor construction. Cast anchoring inserts into concrete.
- B. Installation Templates: Distribute for doors, frames, and other work specified to be factory or shop prepared. Check Shop Drawings of other work to confirm that adequate provisions are made for locating and installing door hardware to comply with indicated requirements.
- C. Security: Coordinate installation of door hardware, keying, and access control with Owner's security consultant.
- D. Electrical System Roughing-In: Coordinate layout and installation of electrified door hardware with connections to power supplies and building safety and security systems.

1.7 WARRANTY

- A. Manufacturer's standard form in which manufacturer agrees to repair or replace components of door hardware that fail in materials or workmanship within published warranty period.
 - 1. Warranty does not cover damage or faulty operation due to improper installation, improper use or abuse.
 - 2. Warranty Period: Beginning from date of Substantial Completion, for durations indicated in manufacturer's published listings.
 - a. Mechanical Warranty
 - 1) Locks
 - a) Schlage L Series: 10 years
 - 2) Exit Devices

- a) Von Duprin: 10 years
- 3) Closers
 - a) LCN 4000 Series: 30 years
- 4) Automatic Operators
 - a) LCN: 2 years
- b. Electrical Warranty
 - 1) Exit Devices
 - a) Von Duprin: 3 years

1.8 MAINTENANCE

- A. Furnish complete set of special tools required for maintenance and adjustment of hardware, including changing of cylinders.
- B. Turn over unused materials to Owner for maintenance purposes.

2 PRODUCTS

2.1 MANUFACTURERS

- A. The Owner requires use of certain products for their unique characteristics and project suitability to ensure continuity of existing and future performance and maintenance standards. After investigating available product offerings, the Awarding Authority has elected to prepare proprietary specifications. These products are specified with the notation: "No Substitute."
 - 1. Where "No Substitute" is noted, submittals and substitution requests for other products will not be considered.
- B. Approval of alternate manufacturers and/or products other than those listed as "Scheduled Manufacturer" or "Acceptable Manufacturers" in the individual article for the product category are only to be considered by official substitution request in accordance with section 01 25 00.
- C. Approval of products from manufacturers indicated in "Acceptable Manufacturers" is contingent upon those products providing all functions and features and meeting all requirements of scheduled manufacturer's product.
- D. Where specified hardware is not adaptable to finished shape or size of members requiring hardware, furnish suitable types having same operation and quality as type specified, subject to Architect's approval.

2.2 MATERIALS

- A. Fabrication
 - 1. Provide door hardware manufactured to comply with published templates generally prepared for machine, wood, and sheet metal screws. provide screws according to manufacturer's recognized installation standards for application intended.

2. Finish exposed screws to match hardware finish, or, if exposed in surfaces of other work, to match finish of this other work including prepared for paint surfaces to receive painted finish.
 3. Provide concealed fasteners wherever possible for hardware units exposed when door is closed. Coordinate with "Metal Doors and Frames", "Flush Wood Doors", "Stile and Rail Wood Doors" to ensure proper reinforcements. Advise the Architect where visible fasteners, such as thru bolts, are required.
- B. Provide screws, bolts, expansion shields, drop plates and other devices necessary for hardware installation.
1. Where fasteners are exposed to view: Finish to match adjacent door hardware material.
- C. Cable and Connectors:
1. Where scheduled in the hardware sets, provide each item of electrified hardware and wire harnesses with number and gage of wires enough to accommodate electric function of specified hardware.
 2. Provide Molex connectors that plug directly into connectors from harnesses, electric locking and power transfer devices.
 3. Provide through-door wire harness for each electrified locking device installed in a door and wire harness for each electrified hinge, electrified continuous hinge, electrified pivot, and electric power transfer for connection to power supplies.

2.3 HINGES

- A. Manufacturers and Products:
1. Scheduled Manufacturer and Product:
 - a. Ives 5BB series
 2. Acceptable Manufacturers and Products:
 - a. Hager BB1191/1279 series
 - b. Best FBB series
- B. Requirements:
1. Provide hinges conforming to ANSI/BHMA A156.1.
 2. Provide five knuckle, ball bearing hinges.
 3. 1-3/4 inch (44 mm) thick doors, up to and including 36 inches (914 mm) wide:
 - a. Exterior: Standard weight, bronze or stainless steel, 4-1/2 inches (114 mm) high
 - b. Interior: Standard weight, steel, 4-1/2 inches (114 mm) high
 4. 1-3/4 inch (44 mm) thick doors over 36 inches (914 mm) wide:
 - a. Exterior: Heavy weight, bronze/stainless steel, 5 inches (127 mm) high
 - b. Interior: Heavy weight, steel, 5 inches (127 mm) high
 5. 2 inches or thicker doors:
 - a. Exterior: Heavy weight, bronze or stainless steel, 5 inches (127 mm) high

- b. Interior: Heavy weight, steel, 5 inches (127 mm) high
6. Adjust hinge width for door, frame, and wall conditions to allow proper degree of opening.
7. Provide three hinges per door leaf for doors 90 inches (2286 mm) or less in height, and one additional hinge for each 30 inches (762 mm) of additional door height.
8. Hinge Pins: Except as otherwise indicated, provide hinge pins as follows:
 - a. Steel Hinges: Steel pins
 - b. Non-Ferrous Hinges: Stainless steel pins
 - c. Out-Swinging Exterior Doors: Non-removable pins
 - d. Out-Swinging Interior Lockable Doors: Non-removable pins
 - e. Interior Non-lockable Doors: Non-rising pins
9. Provide hinges with electrified options as scheduled in the hardware sets. Provide with number and gage of wires enough to accommodate electric function of specified hardware. Locate electric hinge at second hinge from bottom or nearest to electrified locking component. Provide mortar guard for each electrified hinge specified.

2.4 CONTINUOUS HINGES

- A. Manufacturers:
 1. Scheduled Manufacturer:
 - a. Ives
 - b. Special Lite
 2. Acceptable Manufacturers:
 - a. Select
 - b. ABH
- B. Requirements:
 1. Provide aluminum geared continuous hinges conforming to ANSI/BHMA A156.26, Grade 1.
 2. Provide aluminum geared continuous hinges, where specified in the hardware sets, fabricated from 6063-T6 aluminum.
 3. Provide split nylon bearings at each hinge knuckle for quiet, smooth, self-lubricating operation.
 4. Provide hinges capable of supporting door weights up to 450 pounds, and successfully tested for 1,500,000 cycles.
 5. On fire-rated doors, provide aluminum geared continuous hinges classified for use on rated doors by testing agency acceptable to authority having jurisdiction.
 6. Provide aluminum geared continuous hinges with electrified option scheduled in the hardware sets. Provide with number and gage of wires enough to accommodate electric function of specified hardware.

7. Provide hinges 1 inch (25 mm) shorter in length than nominal height of door, unless otherwise noted or door details require shorter length and with symmetrical hole pattern.

2.5 MORTISE LOCKS

A. Manufacturers and Products:

1. Scheduled Manufacturer and Product:
 - a. Schlage L9000 series
2. Acceptable Manufacturers and Products:
 - a. No Substitute

B. Requirements:

1. Provide mortise locks conforming to ANSI/BHMA A156.13 Series 1000, Grade 1, and UL Listed for 3-hour fire doors.
2. Indicators: Where specified, provide indicator window measuring a minimum 2-3/5-inch x 3/5 inch with 180-degree visibility. Provide messages color-coded using ANSI Z535 Safety Red with full text and/or symbols, as scheduled, for easy visibility. When applicable allows for lock status indication on both sides of the door.
3. Provide locks manufactured from heavy gauge steel, containing components of steel with a zinc dichromate plating for corrosion resistance.
4. Provide lock case that is multi-function and field reversible for handing without opening case. Cylinders: Refer to "KEYING" article, herein.
5. Provide locks with standard 2-3/4 inches (70 mm) backset with full 3/4 inch (19 mm) throw stainless steel mechanical anti-friction latchbolt. Provide deadbolt with full 1-inch (25 mm) throw, constructed of stainless steel.
6. Provide standard ASA strikes unless extended lip strikes are necessary to protect trim. Provide electrified options as scheduled in the hardware sets. Where scheduled, provide switches and sensors integrated into the locks and latches.
7. Provide motor based electrified locksets that comply with the following requirements:
 - a. Universal input voltage – single chassis accepts 12 or 24VDC to allow for changes in the field without changing lock chassis.
 - b. Fail Safe/Fail Secure – changing mode between electrically locked (fail safe) and electrically unlocked (fail secure) is field selectable without opening the lock case.
 - c. Low maximum current draw – maximum 0.4 amps to allow for multiple locks on a single power supply.
 - d. Low holding current – maximum 0.01 amps to produce minimal heat, eliminate "hot levers" in electrically locked applications, and to provide reliable operation in wood doors that provide minimal ventilation and air flow.
 - e. Connections – provide quick-connect Molex system standard.

8. Lever Trim: Solid brass, bronze, or stainless steel, cast or forged in design specified, with wrought roses and external lever spring cages. Provide thru-bolted levers with 2-piece spindles.
 - a. Lever Design: 06A

2.6 EXIT DEVICES

A. Manufacturers and Products:

1. Scheduled Manufacturer and Product:
 - a. Von Duprin 99/33A series
2. Acceptable Manufacturers and Products:
 - a. No Substitute

B. Requirements:

1. Provide exit devices tested to ANSI/BHMA A156.3 Grade 1 and UL listed for Panic Exit or Fire Exit Hardware.
2. Cylinders: Refer to "KEYING" article, herein.
3. Provide grooved touchpad type exit devices, fabricated of brass, bronze, stainless steel, or aluminum, plated to standard architectural finishes to match balance of door hardware.
4. Touchpad must extend a minimum of one half of door width. No plastic inserts are allowed in touchpads.
5. Provide exit devices with deadlatching feature for security and for future addition of alarm kits and/or other electrified requirements.
6. Provide exit devices with weather resistant components that can withstand harsh conditions of various climates and corrosive cleaners used in outdoor pool environments.
7. Provide flush end caps for exit devices.
8. Provide exit devices with manufacturer's approved strikes.
9. Provide exit devices cut to door width and height. Install exit devices at height recommended by exit device manufacturer, allowable by governing building codes, and approved by Architect.
10. Mount mechanism case flush on face of doors or provide spacers to fill gaps behind devices. Where glass trim or molding projects off face of door, provide glass bead kits.
11. Provide cylinder or hex-key dogging as specified at non fire-rated openings.

12. Removable Mullions: 2 inches (51 mm) x 3 inches (76 mm) steel tube. Where scheduled as keyed removable mullion, provide type that can be removed by use of a keyed cylinder, which is self-locking when re-installed.
13. Provide factory drilled weep holes for exit devices used in full exterior application, highly corrosive areas, and where noted in hardware sets.
14. Provide electrified options as scheduled.
15. Top latch mounting: double- or single-tab mount for steel doors, face mount for aluminum doors eliminating requirement of tabs, and double tab mount for wood doors.
16. Provide exit devices with optional trim designs to match other lever and pull designs used on the project.

2.7 ELECTRIC STRIKES

- A. Manufacturers and Products:
 1. Scheduled Manufacturer and Product:
 - a. Von Duprin 6000 Series
 2. Acceptable Manufacturers and Products:
 - a. Folger Adam 300 Series
 - b. HES 1006 Series
- B. Requirements:
 1. Provide electric strikes designed for use with type of locks shown at each opening.
 2. Provide electric strikes UL Listed as burglary resistant that are tested to a minimum endurance test of 1,000,000 cycles.
 3. Where required, provide electric strikes UL Listed for fire doors and frames.
 4. Provide transformers and rectifiers for each strike as required. Verify voltage with electrical contractor.

2.8 POWER SUPPLIES

- A. Manufacturers and Products:
 1. Scheduled Manufacturer and Product:
 - a. Schlage/Von Duprin PS900 Series
 2. Acceptable Manufacturers and Products:
 - a. No Substitute
- B. Requirements:
 1. Provide power supplies approved by manufacturer of supplied electrified hardware.

2. Provide appropriate quantity of power supplies necessary for proper operation of electrified locking components as recommended by manufacturer of electrified locking components with consideration for each electrified component using power supply, location of power supply, and approved wiring diagrams. Locate power supplies as directed by Architect.
3. Provide regulated and filtered 24 VDC power supply, and UL class 2 listed.
4. Provide power supplies with the following features:
 - a. 12/24 VDC Output, field selectable.
 - b. Class 2 Rated power limited output.
 - c. Universal 120-240 VAC input.
 - d. Low voltage DC, regulated and filtered.
 - e. Polarized connector for distribution boards.
 - f. Fused primary input.
 - g. AC input and DC output monitoring circuit w/LED indicators.
 - h. Cover mounted AC Input indication.
 - i. Tested and certified to meet UL294.
 - j. NEMA 1 enclosure.
 - k. Hinged cover w/lock down screws.
 - l. High voltage protective cover.

2.9 CYLINDERS

- A. Manufacturers and Products:
 1. Scheduled Manufacturer and Product:
 - a. Schlage Primus (field verify and match Owner's existing)
 2. Acceptable Manufacturers and Products:
 - a. No Substitute
- B. Requirements:
 1. Provide cylinders/cores, compliant with ANSI/BHMA A156.5; latest revision; cylinder face finished to match lockset, manufacturer's series as indicated. Refer to "KEYING" article, herein.
 2. Provide cylinders in the below-listed configuration(s), distributed throughout the Project as indicated.
 - a. High Security: dual-locking cylinder with permanent core requiring restricted, patented keyway. Dual-locking mechanism with interlocking finger pin(s) to check for patented features on keys.
 3. Patent Protection: Cylinders/cores requiring use of restricted, patented keys, patent protected.
 4. Nickel silver bottom pins.

2.10 KEYING

- A. Scheduled System:
 - 1. Existing factory registered system:
 - a. Provide cylinders/cores keyed into Owner's existing factory registered keying system. Comply with guidelines in ANSI/BHMA A156.28, incorporating decisions made at keying conference.
- B. Requirements:
 - 1. Construction Keying:
 - a. Replaceable Construction Cores.
 - 1) Provide temporary construction cores replaceable by permanent cores, furnished in accordance with the following requirements.
 - a) 3 construction control keys
 - b) 12 construction change (day) keys.
 - 2) Owner or Owner's Representative will replace temporary construction cores with permanent cores.
 - 2. Permanent Keying:
 - a. Provide permanent cylinders/cores keyed by the manufacturer according to the following key system.
 - 1) Master Keying system as directed by the Owner.
 - b. Forward bitting list and keys separately from cylinders, by means as directed by Owner. Failure to comply with forwarding requirements will be cause for replacement of cylinders/cores involved at no additional cost to Owner.
 - c. Provide keys with the following features:
 - 1) Material: Nickel silver; minimum thickness of .107-inch (2.3mm)
 - 2) Patent Protection: Keys and blanks protected by one or more utility patent(s).
 - 3) Geographically Exclusive: Where High Security or Security cylinders/cores are indicated, provide nationwide, geographically exclusive key system complying with the following restrictions.
 - d. Identification:
 - 1) Mark permanent cylinders/cores and keys with applicable blind code for identification. Do not provide blind code marks with actual key cuts.
 - 2) Identification stamping provisions must be approved by the Architect and Owner.
 - 3) Stamp cylinders/cores and keys with Owner's unique key system facility code as established by the manufacturer; key symbol and embossed or stamped with "DO NOT DUPLICATE" along with the "PATENTED" or patent number to enforce the patent protection.
 - 4) Failure to comply with stamping requirements will be cause for replacement of keys involved at no additional cost to Owner.

- 5) Forward permanent cylinders/cores to Owner, separately from keys, by means as directed by Owner.
- e. Quantity: Furnish in the following quantities.
 - 1) Permanent Control Keys: 3.
 - 2) Master Keys: 6.
 - 3) Change (Day) Keys: 3 per cylinder/core that is keyed differently
 - 4) Key Blanks: Quantity as determined in the keying meeting.

2.11 KEY CONTROL SYSTEM

- A. Manufacturers:
 1. Scheduled Manufacturer:
 - a. Field verify and match Owner's existing system
 2. Acceptable Manufacturers:
 - a. No Substitute
- B. Requirements:
 1. Provide key control system, including envelopes, labels, tags with self-locking key clips, receipt forms, 3-way visible card index, temporary markers, permanent markers, and standard metal cabinet, all as recommended by system manufacturer, with capacity for 150% of number of locks required for Project.
 - a. Provide complete cross index system set up by hardware supplier, and place keys on markers and hooks in cabinet as determined by final key schedule.
 - b. Provide hinged-panel type cabinet for wall mounting.

2.12 DOOR CLOSERS

- A. Manufacturers and Products:
 1. Scheduled Manufacturer and Product:
 - a. LCN 4040XP series
 2. Acceptable Manufacturers and Products:
 - a. No Substitute
- B. Requirements:
 1. Provide door closers conforming to ANSI/BHMA A156.4 Grade 1 requirements by BHMA certified independent testing laboratory. ISO 9000 certify closers. Stamp units with date of manufacture code.
 2. Provide door closers with fully hydraulic, full rack and pinion action with high strength cast iron cylinder, and full complement bearings at shaft.
 3. Cylinder Body: 1-1/2-inch (38 mm) diameter piston with 5/8-inch (16 mm) diameter double heat-treated pinion journal. QR code with a direct link to maintenance instructions.

4. Hydraulic Fluid: Fireproof, passing requirements of UL10C, and requiring no seasonal closer adjustment for temperatures ranging from 120 degrees F to -30 degrees F.
5. Spring Power: Continuously adjustable over full range of closer sizes, and providing reduced opening force as required by accessibility codes and standards. Provide snap-on cover clip, with plastic covers, that secures cover to spring tube.
6. Hydraulic Regulation: By tamper-proof, non-critical valves, with separate adjustment for latch speed, general speed, and backcheck. Provide graphically labelled instructions on the closer body adjacent to each adjustment valve. Provide positive stop on reg valve that prevents reg screw from being backed out.
7. Provide closers with solid forged steel main arms and factory assembled heavy-duty forged forearms for parallel arm closers.
8. Pressure Relief Valve (PRV) Technology: Not permitted.
9. Finish for Closer Cylinders, Arms, Adapter Plates, and Metal Covers: Powder coating finish which has been certified to exceed 100 hours salt spray testing as described in ANSI Standard A156.4 and ASTM B117, or has special rust inhibitor (SRI).
10. Provide special templates, drop plates, mounting brackets, or adapters for arms as required for details, overhead stops, and other door hardware items interfering with closer mounting.

2.13 ELECTROMECHANICAL CLOSER/HOLDERS

- A. Manufacturers:
 1. Scheduled Manufacturer:
 - a. LCN SEM7800 Series
 2. Acceptable Manufacturers:
 - a. Norton
 - b. Rixson
- B. Requirements:
 1. Provide single-point or multi-point hold-open electromechanical closer/holders as specified. Coordinate voltage requirements and provide transformer if necessary.
 2. Provide closer/holders that function as full rack and pinion door closer when current is interrupted or continuous hold-open is not engaged.
 3. Provide door closers with fully hydraulic, full rack and pinion action with high strength cylinder and full complement bearings at shaft.
 4. Hydraulic Fluid: Fireproof, passing requirements of UL10C, and requiring no seasonal closer adjustment for temperatures ranging from 120 degrees F to -30 degrees F.

5. Spring Power: Continuously adjustable over full range of closer sizes, and providing reduced opening force as required by accessibility codes and standards.
6. Hydraulic Regulation: By tamper-proof, non-critical valves, with separate adjustment for latch speed, general speed, and backcheck.
7. Pressure Relief Valve (PRV) Technology: Not permitted.
8. Provide special templates, drop plates, mounting brackets, or adapters for arms as required for details, overhead stops, and other door hardware items interfering with closer mounting.

2.14 ELECTRO-HYDRAULIC AUTOMATIC OPERATORS

- A. Manufacturers and Products:
 1. Scheduled Manufacturer and Product:
 - a. LCN 4600 series
 2. Acceptable Manufacturers and Products:
 - a. No Substitute
- B. Requirements:
 1. Provide low energy automatic operator units with hydraulic closer complying with ANSI/BHMA A156.19.
 2. Hydraulic Fluid: Fireproof, passing requirements of UL10C, and requiring no seasonal closer adjustment for temperatures ranging from 120 degrees F to -30 degrees F.
 3. Provide units with conventional door closer opening and closing forces unless power operator motor is activated. Provide door closer assembly with adjustable spring size, back-check, and opening and closing speed adjustment valves to control door
 4. Provide units with on/off switch for manual operation, motor start up delay, vestibule interface delay, electric lock delay, and door hold open delay.
 5. Provide drop plates, brackets, and adapters for arms as required for details.
 6. Provide actuator switches and receivers for operation as specified.
 7. Provide weather-resistant actuators at exterior applications.
 8. Provide key switches with LED's, recommended and approved by manufacturer of automatic operator as required for function described in operation description of hardware group below. Cylinders: Refer to "KEYING" article, herein.
 9. Provide complete assemblies of controls, switches, power supplies, relays, and parts/material recommended and approved by manufacturer of automatic operator for each individual leaf. Actuators control both doors simultaneously at pairs. Sequence operation of exterior and vestibule doors with automatic operators to allow ingress or egress through both sets of openings as directed by Architect. Locate actuators, key switches, and other controls as directed by Architect.

10. Provide units with vestibule inputs that allow sequencing operation of two units, and SPDT relay for interfacing with latching or locking devices.

2.15 DOOR TRIM

- A. Manufacturers:
 1. Scheduled Manufacturer:
 - a. Ives
 2. Acceptable Manufacturers:
 - a. Burns
 - b. Trimco
- B. Requirements:
 1. Provide push plates, push bars, pull plates, pulls, and hands-free reversible door pulls with diameter and length as scheduled.

2.16 PROTECTION PLATES

- A. Manufacturers:
 1. Scheduled Manufacturer:
 - a. Ives
 2. Acceptable Manufacturers:
 - a. Burns
 - b. Trimco
- B. Requirements:
 1. Provide protection plates with a minimum of 0.050 inch (1 mm) thick, beveled four edges as scheduled. Furnish with sheet metal or wood screws, finished to match plates.
 2. Size plates 2 inches (51 mm) less width of door on single doors, pairs of doors with a mullion, and doors with edge guards. Size plates 1 inch (25 mm) less width of door on pairs without a mullion or edge guards.
 3. At fire rated doors, provide protection plates over 16 inches high with UL label.

2.17 OVERHEAD STOPS AND OVERHEAD STOP/HOLDERS

- A. Manufacturers:
 1. Scheduled Manufacturers:
 - a. Glynn-Johnson
 2. Acceptable Manufacturers:
 - a. Rixson
 - b. ABH
- B. Requirements:

1. Provide overhead stop at any door where conditions do not allow for a wall stop or floor stop presents tripping hazard.

2.18 DOOR STOPS AND HOLDERS

- A. Manufacturers:
 1. Scheduled Manufacturer:
 - a. Ives
 2. Acceptable Manufacturers:
 - a. Burns
 - b. Trimco
- B. Provide door stops at each door leaf:
 1. Provide wall stops wherever possible. Provide concave type where lockset has a push button of thumbturn.
 2. Where a wall stop cannot be used, provide universal floor stops.
 3. Where wall or floor stop cannot be used, provide overhead stop.
 4. Provide roller bumper where doors open into each other and overhead stop cannot be used.

2.19 THRESHOLDS, SEALS, DOOR SWEEPS, AUTOMATIC DOOR BOTTOMS, AND GASKETING

- A. Manufacturers:
 1. Scheduled Manufacturer:
 - a. Zero International
 2. Acceptable Manufacturers:
 - a. National Guard
 - b. Reese
- B. Seals and Gasketing: Provide continuous gasketing on exterior openings, to the head and jambs, forming a continuous seal between the door and the frame. Provide smoke, light, or sound gasketing on interior doors where indicated.
 1. Provide self-tapping fasteners for aluminum extruded gasketing being applied to hollow metal frames.
 - a. Provide non-corrosive fasteners for all exterior applications.
 - b. Provide security fasteners where indicated.
 2. Provide neoprene, EPDM, silicone, or nylon brush inserts as specified in hardware sets. Provide non brush inserts of solid or sponge cell, as specified in hardware sets. Vinyl inserts are not allowed except where specified in hardware sets.
- C. Smoke Labeled Gasketing: At all smoke labeled openings, provide smoke listed perimeter gasketing assemblies complying with NFPA 105 listed and labeled by a testing and inspecting agency acceptable to authorities having jurisdiction for smoke control ratings indicated based on testing according to UL 1784.

- D. Fire Listed Gasketing: Assemblies complying with NFPA 80 that are listed by a testing and inspecting agency acceptable to authorities having jurisdiction for fire ratings indicated based on testing according to UL-10C.
 - 1. Where frame-applied intumescent seals are required by the manufacturer, provide gaskets that comply with UL10C Standard for Positive Pressure Fire Tests of Door Assemblies and UBC 7-2, Fire Tests of Door Assemblies.
- E. Sound-Rated Gasketing: Provide acoustic gasketing to meet Sound Transmission Class (STC) rating required.
- F. Meeting-Stile Gasketing: Provide meeting-stile gasketing that fastens to the meeting stiles forming a continuous seal when doors are closed.
- G. Door Sweeps or Shoes: Apply to the bottom of the door to close the gap between the door bottom and finished floor or saddle threshold.
 - 1. Provide solid neoprene, EPDM, silicone, or nylon brush type of seal as specified in hardware sets. Vinyl inserts are not allowed except where specified in hardware sets.
- H. Automatic Door Bottoms:
 - 1. Provide closed cell sponge, bulb neoprene, or EPDM type of seal as specified in hardware sets.
 - 2. Door bottom to be mortised, semi mortised, or surface mount as with a minimum thickness as specified in hardware sets.
- I. Rain Drips:
 - 1. Provide overhead rain drips for out-swinging hollow metal doors that are not covered against 45 degree blowing rain. Aluminum extrusion to be a minimum of .088 inches thick and extend 2.50 inches from the face of the frame, in anodized finish to match door.
 - 2. Door sweeps or shoes with integral rain drip must meet ADA requirements
- J. Thresholds: Provide threshold units not less than 4 inches wide, formed to accommodate change in floor elevation where indicated, and fabricated to accommodate door hardware and fit door frames.
 - 1. Threshold extrusion to be a minimum thickness as specified in hardware sets.

2.20 FINISHES

- A. FINISH: BHMA 626/652 (US26D); EXCEPT:
 - 1. Hinges at Exterior Doors: BHMA 630 (US32D)
 - 2. Aluminum Geared Continuous Hinges: BHMA 628 (US28)
 - 3. Push Plates, Pulls, and Push Bars: BHMA 630 (US32D)
 - 4. Protection Plates: BHMA 630 (US32D)
 - 5. Overhead Stops and Holders: BHMA 630 (US32D)
 - 6. Door Closers: Powder Coat to Match
 - 7. Wall Stops: BHMA 630 (US32D)

8. Latch Protectors: BHMA 630 (US32D)
9. Weatherstripping: Clear Anodized Aluminum
10. Thresholds: Mill Finish Aluminum

3 EXECUTION

3.1 EXAMINATION

- A. Prior to installation of hardware, examine doors and frames, with Installer present, for compliance with requirements for installation tolerances, labeled fire-rated door assembly construction, wall and floor construction, and other conditions affecting performance. Verify doors, frames, and walls have been properly reinforced for hardware installation.
- B. Examine roughing-in for electrical power systems to verify actual locations of wiring connections before electrified door hardware installation.
- C. Submit a list of deficiencies in writing and proceed with installation only after unsatisfactory conditions have been corrected.

3.2 INSTALLATION

- A. Mount door hardware units at heights to comply with the following, unless otherwise indicated or required to comply with governing regulations.
 1. Standard Steel Doors and Frames: ANSI/SDI A250.8.
 2. Custom Steel Doors and Frames: HMMA 831.
 3. Interior Architectural Wood Flush Doors: ANSI/WDMA I.S. 1A
 4. Installation Guide for Doors and Hardware: DHI TDH-007-20
- B. Install door hardware in accordance with NFPA 80, NFPA 101 and provide post-install inspection, testing as specified in section 1.03.E unless otherwise required to comply with governing regulations.
- C. Install each hardware item in compliance with manufacturer's instructions and recommendations, using only fasteners provided by manufacturer.
- D. Do not install surface mounted items until finishes have been completed on substrate. Protect all installed hardware during painting.
- E. Set units level, plumb and true to line and location. Adjust and reinforce attachment substrate as necessary for proper installation and operation.
- F. Drill and countersink units that are not factory prepared for anchorage fasteners. Space fasteners and anchors according to industry standards.
- G. Install operating parts so they move freely and smoothly without binding, sticking, or excessive clearance.
- H. Hinges: Install types and in quantities indicated in door hardware schedule but not fewer than quantity recommended by manufacturer for application indicated.

- I. Lock Cylinders:
 - 1. Install construction cores to secure building and areas during construction period.
 - 2. Replace construction cores with permanent cores as indicated in keying section.
 - 3. Furnish permanent cores to Owner for installation.
- J. Wiring: Coordinate with Division 26, ELECTRICAL and Division 28 ELECTRONIC SAFETY AND SECURITY sections for:
 - 1. Conduit, junction boxes and wire pulls.
 - 2. Connections to and from power supplies to electrified hardware.
 - 3. Connections to fire/smoke alarm system and smoke evacuation system.
 - 4. Connection of wire to door position switches and wire runs to central room or area, as directed by Architect.
 - 5. Connections to panel interface modules, controllers, and gateways.
 - 6. Testing and labeling wires with Architect's opening number.
- K. Key Control System: Tag keys and place them on markers and hooks in key control system cabinet, as determined by final keying schedule.
- L. Continuous Hinges: Re-locate the door and frame fire rating labels where they will remain visible so that the hinge does not cover the label once installed.
- M. Door Closers & Auto Operators: Mount closers/operators on room side of corridor doors, inside of exterior doors, and stair side of stairway doors from corridors. Mount closers/operators so they are not visible in corridors, lobbies and other public spaces unless approved by Architect.
- N. Overhead Stops/Holders: Mount overhead stops/holders on room side of corridor doors, inside of exterior doors, and stair side of stairway doors.
- O. Power Supplies: Locate power supplies as indicated or, if not indicated, above accessible ceilings or in equipment room, or alternate location as directed by Architect.
- P. Thresholds: Set thresholds in full bed of sealant complying with requirements specified in Division 07 Section "Joint Sealants."
- Q. Stops: Provide floor stops for doors unless wall or other type stops are indicated in door hardware schedule. Do not mount floor stops where they may impede traffic or present tripping hazard.
- R. Perimeter Gasketing: Apply to head and jamb, forming seal between door and frame.
- S. Meeting Stile Gasketing: Fasten to meeting stiles, forming seal when doors are closed.
- T. Door Bottoms and Sweeps: Apply to bottom of door, forming seal with threshold when door is closed.

3.3 ADJUSTING

- A. Initial Adjustment: Adjust and check each operating item of door hardware and each door to ensure proper operation or function of every unit. Replace units that cannot be adjusted to operate as intended. Adjust door control devices to compensate for final operation of heating and ventilating equipment and to comply with referenced accessibility requirements.
 - 1. Spring Hinges: Adjust to achieve positive latching when door can close freely from an open position of 30 degrees.
 - 2. Electric Strikes: Adjust horizontal and vertical alignment of keeper to properly engage lock bolt.
 - 3. Door Closers: Adjust sweep period to comply with accessibility requirements and requirements of authorities having jurisdiction.
- B. Occupancy Adjustment: Approximately three to six months after date of Substantial Completion, examine and readjust each item of door hardware, including adjusting operating forces, as necessary to ensure function of doors and door hardware.

3.4 CLEANING AND PROTECTION

- A. Clean adjacent surfaces soiled by door hardware installation.
- B. Clean operating items per manufacturer's instructions to restore proper function and finish.
- C. Provide final protection and maintain conditions that ensure door hardware is without damage or deterioration at time of Substantial Completion.

3.5 DOOR HARDWARE SCHEDULE

- A. The intent of the hardware specification is to specify the hardware for interior and exterior doors, and to establish a type, continuity, and standard of quality. However, it is the door hardware supplier's responsibility to thoroughly review existing conditions, schedules, specifications, drawings, and other Contract Documents to verify the suitability of the hardware specified.
- B. Discrepancies, conflicting hardware, and missing items are to be brought to the attention of the architect with corrections made prior to the bidding process. Omitted items not included in a hardware set should be scheduled with the appropriate additional hardware required for proper application.
- C. Hardware items are referenced in the following hardware schedule. Refer to the above specifications for special features, options, cylinders/keying, and other requirements.
- D. Hardware Sets:

150052 OPT0478856 Version 1

HARDWARE GROUP NO. 01

B112A B114A

PROVIDE EACH SGL DOOR(S) WITH THE FOLLOWING:

<u>QTY</u>		<u>DESCRIPTION</u>	<u>CATALOG NUMBER</u>	<u>FINISH</u>	<u>MFR</u>
3	EA	HINGE	5BB1 4.5 X 4.5	652	IVE
1	EA	PRIVACY W/DEADBOLT W/ OUTSIDE INDICATOR W/ INSIDE INDICATOR	L9440 06A L583-363 OS-OCC IS- LOC	626	SCH
1	EA	MOP PLATE	8400 4" X 1" LDW B-CS	630	IVE
1	EA	WALL STOP	WS401/402CVX	626	IVE

HARDWARE GROUP NO. 02

A112A A112B

PROVIDE EACH SGL DOOR(S) WITH THE FOLLOWING:

<u>QTY</u>		<u>DESCRIPTION</u>	<u>CATALOG NUMBER</u>	<u>FINISH</u>	<u>MFR</u>
3	EA	HINGE	5BB1 4.5 X 4.5	652	IVE
1	EA	OFFICE/ENTRY LOCK	L9050T 06A L583-363	626	SCH
1	EA	PRIMUS CORE	20-740	626	SCH
1	EA	WALL STOP	WS401/402CVX	626	IVE

HARDWARE GROUP NO. 03

B142B B145B

PROVIDE EACH SGL DOOR(S) WITH THE FOLLOWING:

<u>QTY</u>		<u>DESCRIPTION</u>	<u>CATALOG NUMBER</u>	<u>FINISH</u>	<u>MFR</u>
3	EA	HINGE	5BB1 4.5 X 4.5	652	IVE
1	EA	FACULTY RESTROOM/HOTEL W/ OUTSIDE INDICATOR W/ INSIDE INDICATOR	L9485T 06A L583-363 OS-OCC IS- LOC	626	SCH
1	EA	PRIMUS CORE	20-740	626	SCH
1	EA	WALL STOP	WS401/402CVX	626	IVE
1	EA	FINGER GUARD	51A-180 48" (1219MM) MOUNTED PUSH SIDE	A	ZER
1	EA	FINGER GUARD	951A	A	ZER

HARDWARE GROUP NO. 04

B142A B145A

PROVIDE EACH SGL DOOR(S) WITH THE FOLLOWING:

<u>QTY</u>		<u>DESCRIPTION</u>	<u>CATALOG NUMBER</u>	<u>FINISH</u>	<u>MFR</u>
3	EA	HINGE	5BB1 4.5 X 4.5	652	IVE
1	EA	FACULTY RESTROOM/HOTEL W/ OUTSIDE INDICATOR W/ INSIDE INDICATOR	L9485T 06A L583-363 OS-OCC IS- LOC	626	SCH
1	EA	PRIMUS CORE	20-740	626	SCH
1	EA	OH STOP & HOLDER	100F	630	GLY
1	EA	FINGER GUARD	51A-180 48" (1219MM) MOUNTED PUSH SIDE	A	ZER
1	EA	FINGER GUARD	951A	A	ZER

HARDWARE GROUP NO. 05

B139

PROVIDE EACH SGL DOOR(S) WITH THE FOLLOWING:

<u>QTY</u>		<u>DESCRIPTION</u>	<u>CATALOG NUMBER</u>	<u>FINISH</u>	<u>MFR</u>
3	EA	HINGE	5BB1 4.5 X 4.5	652	IVE
1	EA	FACULTY RESTROOM/HOTEL W/ OUTSIDE INDICATOR W/ INSIDE INDICATOR	L9485T 06A L583-363 OS-OCC IS- LOC	626	SCH
1	EA	PRIMUS CORE	20-740	626	SCH
1	EA	WALL STOP	WS401/402CVX	626	IVE
1	EA	FINGER GUARD	51A-90 48" (1219MM) MOUNTED PUSH SIDE	A	ZER
1	EA	FINGER GUARD	951A	A	ZER

HARDWARE GROUP NO. 06

B113

PROVIDE EACH SGL DOOR(S) WITH THE FOLLOWING:

<u>QTY</u>		<u>DESCRIPTION</u>	<u>CATALOG NUMBER</u>	<u>FINISH</u>	<u>MFR</u>
3	EA	HINGE	5BB1 4.5 X 4.5	652	IVE
1	EA	STOREROOM LOCK	L9080T 06A	626	SCH
1	EA	PRIMUS CORE	20-740	626	SCH
1	EA	SURFACE CLOSER	4040XP REG	689	LCN
1	EA	KICK PLATE	8400 10" X 2" LDW B-CS	630	IVE
1	EA	WALL STOP	WS401/402CVX	626	IVE

HARDWARE GROUP NO. 07

B124

PROVIDE EACH SGL DOOR(S) WITH THE FOLLOWING:

<u>QTY</u>		<u>DESCRIPTION</u>	<u>CATALOG NUMBER</u>	<u>FINISH</u>	<u>MFR</u>
3	EA	HINGE	5BB1 4.5 X 4.5 NRP	652	IVE
1	EA	STOREROOM LOCK	L9080T 06A	626	SCH
1	EA	PRIMUS CORE	20-740	626	SCH
1	EA	SURFACE CLOSER	4040XP SCUSH	689	LCN
1	EA	KICK PLATE	8400 10" X 2" LDW B-CS	630	IVE
1	EA	GASKETING	188SBK PSA	BK	ZER

HARDWARE GROUP NO. 08

B140

PROVIDE EACH SGL DOOR(S) WITH THE FOLLOWING:

<u>QTY</u>		<u>DESCRIPTION</u>	<u>CATALOG NUMBER</u>	<u>FINISH</u>	<u>MFR</u>
3	EA	HINGE	5BB1 4.5 X 4.5	652	IVE
1	EA	STOREROOM LOCK	L9080T 06A	626	SCH
1	EA	PRIMUS CORE	20-740	626	SCH
1	EA	SURFACE CLOSER	4040XP REG	689	LCN
1	EA	KICK PLATE	8400 10" X 2" LDW B-CS	630	IVE
1	EA	WALL STOP/HOLDER	WS40	626	IVE

HARDWARE GROUP NO. 09

B136

B138A

B141

B143

B144

PROVIDE EACH SGL DOOR(S) WITH THE FOLLOWING:

<u>QTY</u>		<u>DESCRIPTION</u>	<u>CATALOG NUMBER</u>	<u>FINISH</u>	<u>MFR</u>
3	EA	HINGE	5BB1 4.5 X 4.5	652	IVE
1	EA	STOREROOM LOCK	L9080T 06A	626	SCH
1	EA	PRIMUS CORE	20-740	626	SCH
1	EA	SURFACE CLOSER	4040XP REG	689	LCN
1	EA	KICK PLATE	8400 10" X 2" LDW B-CS	630	IVE
1	EA	WALL STOP	WS401/402CVX	626	IVE
1	EA	FINGER GUARD	51A-90 48" (1219MM) MOUNTED PUSH SIDE	A	ZER
1	EA	FINGER GUARD	951A	A	ZER

HARDWARE GROUP NO. 10

B138B

PROVIDE EACH SGL DOOR(S) WITH THE FOLLOWING:

<u>QTY</u>		<u>DESCRIPTION</u>	<u>CATALOG NUMBER</u>	<u>FINISH</u>	<u>MFR</u>
3	EA	HINGE	5BB1 4.5 X 4.5	652	IVE
1	EA	STOREROOM LOCK	L9080T 06A	626	SCH
1	EA	PRIMUS CORE	20-740	626	SCH
1	EA	WALL STOP	WS401/402CVX	626	IVE

HARDWARE GROUP NO. 11

B125B

PROVIDE EACH DE DOOR(S) WITH THE FOLLOWING:

<u>QTY</u>		<u>DESCRIPTION</u>	<u>CATALOG NUMBER</u>	<u>FINISH</u>	<u>MFR</u>
2	EA	CONT. HINGE	224XY	628	IVE
1	EA	FIRE EXIT HARDWARE	9947WDC-EO-F-LBRAFL-SNB	626	VON
1	EA	FIRE EXIT HARDWARE	9947WDC-EO-F-LBR-SNB	626	VON
2	EA	SURFACE CLOSER	4040XP EDA TBWMS	689	LCN
2	EA	KICK PLATE	8400 10" X 1" LDW B-CS	630	IVE
2	EA	MAGNET	SEM7800 SERIES 12V/24V/120V - AS REQUIRED	689	LCN
1	EA	GASKETING	188SBK PSA	BK	ZER
1	EA	OVERLAPPING ASTRAGAL	322A	A	ZER

MAG HOLD OPENS ARE TO BE TIED DIRECTLY TO THE FIRE ALARM SYSTEM.

HARDWARE GROUP NO. 12

B123

B126

PROVIDE EACH SGL DOOR(S) WITH THE FOLLOWING:

<u>QTY</u>		<u>DESCRIPTION</u>	<u>CATALOG NUMBER</u>	<u>FINISH</u>	<u>MFR</u>
3	EA	HINGE	5BB1 4.5 X 4.5 NRP	652	IVE
1	EA	FIRE EXIT HARDWARE	99-L-F-2SI-06	626	VON
2	EA	RIM HOUSING	20-079 ICX	626	SCH
2	EA	PRIMUS CORE	20-740	626	SCH
1	EA	SURFACE CLOSER	4040XP SCUSH	689	LCN
1	EA	KICK PLATE	8400 10" X 2" LDW B-CS	630	IVE
1	EA	GASKETING	188SBK PSA	BK	ZER

HARDWARE GROUP NO. 13

B125A B147A

PROVIDE EACH SGL DOOR(S) WITH THE FOLLOWING:

<u>QTY</u>		<u>DESCRIPTION</u>	<u>CATALOG NUMBER</u>	<u>FINISH</u>	<u>MFR</u>
3	EA	HINGE	5BB1 4.5 X 4.5 NRP	652	IVE
1	EA	DELAYED PANIC HARDWARE	CX99-L-NL-06 24 VDC	626	VON
1	EA	MORTISE CYLINDER	20-060 ICX X BLOCKING RINGS AS REQ'D	626	SCH
1	EA	RIM HOUSING	20-079 ICX	626	SCH
2	EA	PRIMUS CORE	20-740	626	SCH
1	EA	ELECTRIC STRIKE	6111 FSE CON 12/24 VAC/VDC	630	VON
1	EA	SURFACE CLOSER	4040XP EDA TBWMS	689	LCN
1	EA	KICK PLATE	8400 10" X 2" LDW B-CS	630	IVE
1	EA	WALL STOP	WS401/402CVX	626	IVE
2	EA	CREDENTIAL READER	BY DIVISION 28 ONE EITHER SIDE OF OPENING		B/O
1	EA	POWER SUPPLY	PS902 900-4RL-FA FA900 120/240 VAC	LGR	SCE

NOTE: VARIANCE FROM AHJ REQUIRED FOR DELAYED EGRESS IN THIS BUILDING'S OCCUPANCY GROUP.

NOTE: CONFIGURE NUISANCE DELAY TO 3 SECONDS AND SOUND TO LOW. BOTH SETTING CAN BE ADJUSTED IN FIELD POST INSTALLATION IF NEEDED.

POWER SUPPLY TIED INTO FIRE ALARM SYSTEM.

DOOR NORMALLY CLOSED AND DELAYED EGRESS IS IN EFFECT FROM COMMON AREA B137 TO CORRIDOR B125.

CREDENTIAL READER ON SIDE SHUNTS CHEXIT ALARM AND RELEASES ELECTRIC STRIKE ALLOWING ALARM FREE INGRESS TO COMMON AREA B137. KEYED INGRESS IS ALSO AVAILABLE BUT ALARM WILL SOUND.

AUTHORIZED EGRESS TO CORRIDOR B125 BY VALID CREDENTIAL THAT MOMENTARILY SHUNTS CHEXIT DELAYED EGRESS FEATURE IN PANIC DEVICE.

UNAUTHORIZED EGRESS TO CORRIDOR B125 BY PUSHING ON PANIC BAR WITHOUT VALID CREDENTIAL WILL TRIGGER CHEXIT DELAYED EGRESS IN PANIC DEVICE, PROVIDING EGRESS AFTER A 15 SECOND DELAY.

UPON LOSS OF POWER OR FIRE ALARM, CHEXIT DELAYED EGRESS FEATURE FAILS SAFE ALLOWING FREE IMMEDIATE EGRESS.

CHEXIT DELAYED EGRESS FEATURE IS ARMED/DISARMED BY KEY IN DEVICE BODY OR BY SCHEDULE ACCESS CONTROL SYSTEM.

HARDWARE GROUP NO. 14

B147B

PROVIDE EACH PR DOOR(S) WITH THE FOLLOWING:

<u>QTY</u>		<u>DESCRIPTION</u>	<u>CATALOG NUMBER</u>	<u>FINISH</u>	<u>MFR</u>
1	EA	HINGE	EXISTING TO REMAIN		EXI
1	EA	MULLION	EXISTING TO REMAIN		EXI
1	EA	LATCHING HARDWARE	EXISTING TO REMAIN		EXI
1	EA	EXIT DEVICE	EXISTING TO REMAIN		EXI
1	EA	ELECTRIC STRIKE	6300 FSE 12/24 VAC/VDC RHR LEAF	630	VON
2	EA	DOOR PULL	EXISTING PULL		EXI
2	EA	OH STOP	90SE RHR LEAF	630	GLY
1	EA	DOOR CLOSER	EXISTING TO REMAIN LHR LEAF		EXI
1	EA	SURF. AUTO OPERATOR	4642 TBWMS 120 VAC RHR LEAF	689	LCN
1	EA	WIRELESS, TOUCH JAMB MOUNT ACTUATOR KIT	8310-3818WS PUSH SIDE		LCN
1	EA	WIRELESS, TOUCH WALL MOUNT ACTUATOR KIT	8310-3853TWS PULL SIDE		LCN
1	EA	ACTIVATION RECEIVER	8310-865 PLACED INSIDE OPERATOR	BLU	LCN
1	EA	CREDENTIAL READER	BY DIVISION 28 EXTERIOR		B/O

NOTE: PROVIDE ANY AND ALL PLATES REQUIRED TO COVER/BLANK EXISTING UNUSED DOOR AND FRAME PREPS. PROVIDE RIV-NUT TYPE FASTENERS WHERE PROPER REINFORCEMENT IN THE FRAME IS NOT PRESENT. FIELD VERIFY ALL EXISTING OPENINGS TO CONFIRM FUNCTIONALITY OF NEW HARDWARE ITEMS.

CREDENTIAL READER DEVICE IS TO RELEASE ELECTRIC STRIKE AND ENABLE PULL SIDE ACTUATOR ALLOWING MANUAL OR AUTOMATIC INGRESS. IMMEDIATE MANUAL EGRESS IS ALWAYS AVAILABLE. PUSH SIDE ACTUATOR ALWAYS ENABLED. KEYED INGRESS IS ALSO AVAILABLE.

POWER FOR THE AUTO OPERATOR BY THE ELECTRICAL CONTRACTOR.

ITEMS TO BE PROVIDED BY THE DIVISION 28 SUPPLIER:
CREDENTIAL READER DEVICE.

REQUIRED WIRING TO THE ELECTRIC STRIKE FROM ONBOARD POWER SUPPLY IN AUTO OPERATOR.

END OF SECTION

SECTION 12 25 00

ROLLER SHADES

1 General

1.1 Section Includes

- A. Manually operated sunscreen roller shades.

1.2 Related Sections

- A. Section 06 10 00 – Rough Carpentry: Wood blocking and grounds for mounting roller shades and accessories.
- B. Section 09 29 00 - Gypsum Board: Coordination with gypsum board assemblies for installation of shade pockets, closures and related accessories.
- C. Section 09 51 00 - Acoustical Ceilings: Coordination with acoustical ceiling systems for installation of shade pockets, closures and related accessories.

1.3 References

- A. ASTM G21 - Standard Practice for Determining Resistance of Synthetic Polymeric Materials to Fungi.
- B. NFPA 70 - National Electrical Code.
- C. NFPA 701 - Fire Tests for Flame-Resistant Textiles and Films.

1.4 Submittals

- A. Submit under provisions of Division 1.
- B. Product Data: Manufacturer's data sheets on each product to be used, including:
- C. Preparation instructions and recommendations.
- D. Styles, material descriptions, dimensions of individual components, profiles, features, finishes and operating instructions.
- E. Storage and handling requirements and recommendations.
- F. Mounting details and installation methods.
- G. Shop Drawings: Plans, elevations, sections, product details, installation details, operational clearances, wiring diagrams, and relationship to adjacent work.
- H. Window Treatment Schedule; For All Roller Shades. Use same room designations as indicated on the Drawings and include opening sizes and key to typical mounting details.

- I. Selection Samples: For each finish product specified, one set of shade cloth options, and aluminum finish color samples representing manufacturer's full range of available colors and patterns.
- J. Verification Samples: For each finish product specified, one complete set of shade components, unassembled, demonstrating compliance with specified requirements. Shadecloth sample and aluminum finish sample as selected. Mark face of material to indicate interior faces.
- K. Maintenance Data: Methods for maintaining roller shades, precautions regarding cleaning materials and methods, instructions for operating hardware and controls.

1.5 Quality Assurance

- A. Manufacturer Qualifications: Obtain roller shades through one source from a single manufacturer with a minimum of twenty years experience in manufacturing products comparable to those specified in this section.
- B. Installer Qualifications: Installer trained and certified by the manufacturer with a minimum of ten years experience in installing products comparable to those specified in this section.
- C. Fire-Test-Response Characteristics: Passes NFPA 701 small and large-scale vertical burn. Materials tested shall be identical to products proposed for use.
- D. Anti-Microbial Characteristics: 'No Growth' per ASTM G21 results for fungi ATCC9642, ATCC 9644, ATCC9645.

1.6 Delivery, Storage, And Handling

- A. Deliver shades in factory-labeled packages, marked with manufacturer and product name, fire-test-response characteristics, and location of installation using same room designations indicated on Drawings and in the Window Treatment Schedule.

1.7 Project Conditions

- A. Environmental Limitations: Install roller shades after finish work including painting is complete and ambient temperature and humidity conditions are maintained at the levels indicated for Project when occupied for its intended use.

1.8 Warranty

- A. Roller Shade Hardware, Chain, and Shadecloth: Manufacturer's standard twenty-five year limited warranty.
- B. Roller Shade Installation: One year from date of Substantial Completion, not including scaffolding, lifts, or other means to reach inaccessible areas.

2 Products

2.1 Roller Shades – Acceptable Manufacturers

- A. Basis of Design: MechoShade Systems, Inc., Long Island City, New York.
- B. Substitutions: Required approval prior to bid.
- C. Requests for substitutions will be considered in accordance with provisions of Division 1.

2.2 Applications/Scope

- A. Roller Shade Schedule:
 - 1. Manual operating, chain drive, sunscreen roller shades in all spaces shown on the Drawings.

2.3 Shade Cloth

- A. Visually Transparent Single-Fabric Shadecloth: MechoShade Systems, Inc., **EuroTwill 6450 Series**, single thickness non-raveling extruded vinyl yarn comprising of 25 percent polyester and 75 percent reinforced vinyl.
- B. Color: To be selected by Owner from standard color selection.

2.4 Shade Band

- A. Shade Bands: Construction of shade band includes the fabric, the hem weight, hem-pocket, shade roller tube, and the attachment of the shade band to the roller tube. Sewn hems and open hem pockets are not acceptable.
- B. Hem Pockets and Hem Weights: Fabric hem pocket with RF-welded seams (including welded ends) and concealed hem weights. Hem weights shall be of appropriate size and weight for shade band. Hem weight shall be continuous inside a sealed hem pocket. Hem pocket construction and hem weights shall be similar, for all shades within one room.
- C. Shade Band and Shade Roller Attachment:
 - 1. Use extruded aluminum shade roller tube of a diameter and wall thickness required to support shade fabric without excessive deflection. Roller tubes less than 1.55 inches in diameter for manual shades, and less than 2.55 inches for motorized shades are not acceptable.
 - 2. Provide for positive mechanical engagement with drive/brake mechanism.
 - 3. Provide for positive mechanical attachment of shade band to roller tube; shade band shall be made removable/replaceable with a "snap-on", snap-off" spline mounting, without having to remove shade roller from shade brackets.

4. Mounting spline shall not require use of adhesives, adhesive tapes, staples, and/or rivets.
5. Any method of attaching shade band to roller tube that requires the use of adhesives, adhesive tapes, staples, and/or rivets are not acceptable.

2.5 Shade Fabrication

- A. Fabricate units to completely fill existing openings from head to sill and jamb-to-jamb, unless specifically indicated otherwise.
- B. Fabricate shadecloth to hang flat without buckling or distortion. Fabricate with heat-sealed trimmed edges to hang straight without curling or raveling. Fabricate unguided shadecloth to roll true and straight without shifting sideways more than 1/8 inch in either direction per 8 feet of shade height due to warp distortion or weave design.
- C. Fabricate hem as follows:
 1. Bottom hem weights.
 2. Provide battens in standard shades as required to assure proper tracking and uniform rolling of the shadebands. Contractor shall be responsible for assuring the width-to-height (W:H) ratios shall not exceed manufacturer's standards or, in absence of such standards, shall be responsible for establishing appropriate standards to assure proper tracking and rolling of the shadecloth within specified standards. Battens shall be roll-formed stainless steel or tempered steel, as required.
 3. For railroaded shadebands, provide seams in railroaded multi-width shadebands as required to meet size requirements and in accordance with seam alignment as acceptable to Architect. Seams shall be properly located. Furnish battens in place of plain seams when the width, height, or weight of the shade exceeds manufacturer's standards. In absence of such standards, assure proper use of seams or battens as required to, and assure the proper tracking of the railroaded multi-width shadebands.
 4. Provide battens for railroaded shades when width-to-height (W:H) ratios meet or exceed manufacturer's standards. In absence of manufacturer's standards, be responsible for proper use and placement of battens to assure proper tracking and roll of shadebands.

2.6 Components

- A. Access and Material Requirements:
 1. Provide shade hardware allowing for the removal of shade roller tube from brackets without removing hardware from opening and without requiring end or center supports to be removed.

2. Provide shade hardware that allows for removal and re-mounting of the shade bands without having to remove the shade tube, drive or operating support brackets.
 3. Use only Delrin engineered plastics by DuPont for all plastic components of shade hardware. Styrene based plastics, and/or polyester, or reinforced polyester will not be acceptable.
- B. Manual Operated Chain Drive Hardware and Brackets:
1. Provide for universal, regular and offset drive capacity, allowing drive chain to fall at front, rear or non-offset for all shade drive end brackets. Universal offset shall be adjustable for future change.
 2. Provide hardware capable for installation of a removable fascia, for both regular and/or reverse roll, which shall be installed without exposed fastening devices of any kind.
 3. Provide shade hardware system that allows for removable regular and/or reverse roll fascias to be mounted continuously across two or more shade bands without requiring exposed fasteners of any kind.
 4. Provide shade hardware system that allows for operation of multiple shade bands (multi-banded shades) by a single chain operator, subject to manufacturer's design criteria. Connectors shall be offset to assure alignment from the first to the last shade band.
 5. Provide shade hardware system that allows multi-banded manually operated shades to be capable of smooth operation when the axis is offset a maximum of 6 degrees on each side of the plane perpendicular to the radial line of the curve, for a 12 degrees total offset.
 6. Provide positive mechanical engagement of drive mechanism to shade roller tube. Friction fit connectors for drive mechanism connection to shade roller tube are not acceptable
 7. Provide shade hardware constructed of minimum 1/8-inch (3.18 mm) thick plated steel or heavier as required to support 150 percent of the full weight of each shade.
- C. Drive Bracket/Brake Assembly:
1. MechoShade Drive Bracket Model M5 shall be fully integrated with all MechoShade accessories, including, but not limited to, SnapLoc fascia, room darkening side/sill channels, center supports, and connectors for multi-banded shades.
 2. M5 drive sprocket and brake assembly shall rotate and be supported on a welded 3/8 inch steel pin.
 3. The brake shall be an over - running clutch design which disengages to 90 percent during the raising and lowering of a shade. The brake shall withstand a pull force of 50 lbs. in the stopped position.

4. The braking mechanism shall be applied to an oil-impregnated hub on to which the brake system is mounted. The oil impregnated hub design includes an articulated brake assembly, which assures a smooth, non-jerky operation in raising and lowering the shades. The assembly shall be permanently lubricated. Products that require externally applied lubrication and or not permanently lubricated are not acceptable.
 5. The entire M5 assembly shall be fully mounted on the steel support bracket, and fully independent of the shade tube assembly, which may be removed and reinstalled without effecting the roller shade limit adjustments.
- D. Drive Chain: #10 qualified stainless steel chain rated to 90 pounds minimum breaking strength. Nickel plate chain shall not be accepted.

2.7 Accessories

- A. Fascia:
1. Continuous removable extruded aluminum fascia that attaches to shade mounting brackets without the use of adhesives, magnetic strips, or exposed fasteners.
 2. Fascia shall be able to be installed across two or more shade bands in one piece.
 3. Fascia shall fully conceal brackets, shade roller and fabric on the tube.
 4. Provide bracket/fascia end caps where mounting conditions expose outside of roller shade brackets.
 5. Notching of Fascia for manual chain shall not be acceptable.
 6. Color: To be selected by Owner from standard color selection.

3 Execution

3.1 Examination

- A. Do not begin installation until substrates have been properly prepared.
- B. If substrate preparation is the responsibility of another installer, notify Architect of unsatisfactory preparation before proceeding.

3.2 Preparation

- A. Clean surfaces thoroughly prior to installation.
- B. Prepare surfaces using the methods recommended by the manufacturer for achieving the best result for the substrate under the project conditions.

3.3 Installation

- A. Install roller shades level, plumb, square, and true according to manufacturer's written instructions, and located so shade band is not closer than 2 inches (50 mm) to interior face of glass. Allow proper clearances for window operation hardware.
- B. Adjust and balance roller shades to operate smoothly, easily, safely, and free from binding or malfunction throughout entire operational range.
- C. Clean roller shade surfaces after installation, according to manufacturer's written instructions.
- D. Engage Installer to train Owner's maintenance personnel to adjust, operate and maintain roller shade systems.

3.4 Protection

- A. Protect installed products until completion of project.
- B. Touch-up, repair or replace damaged products before Substantial Completion.

END OF SECTION

DEMOLITION PLAN KEYNOTES

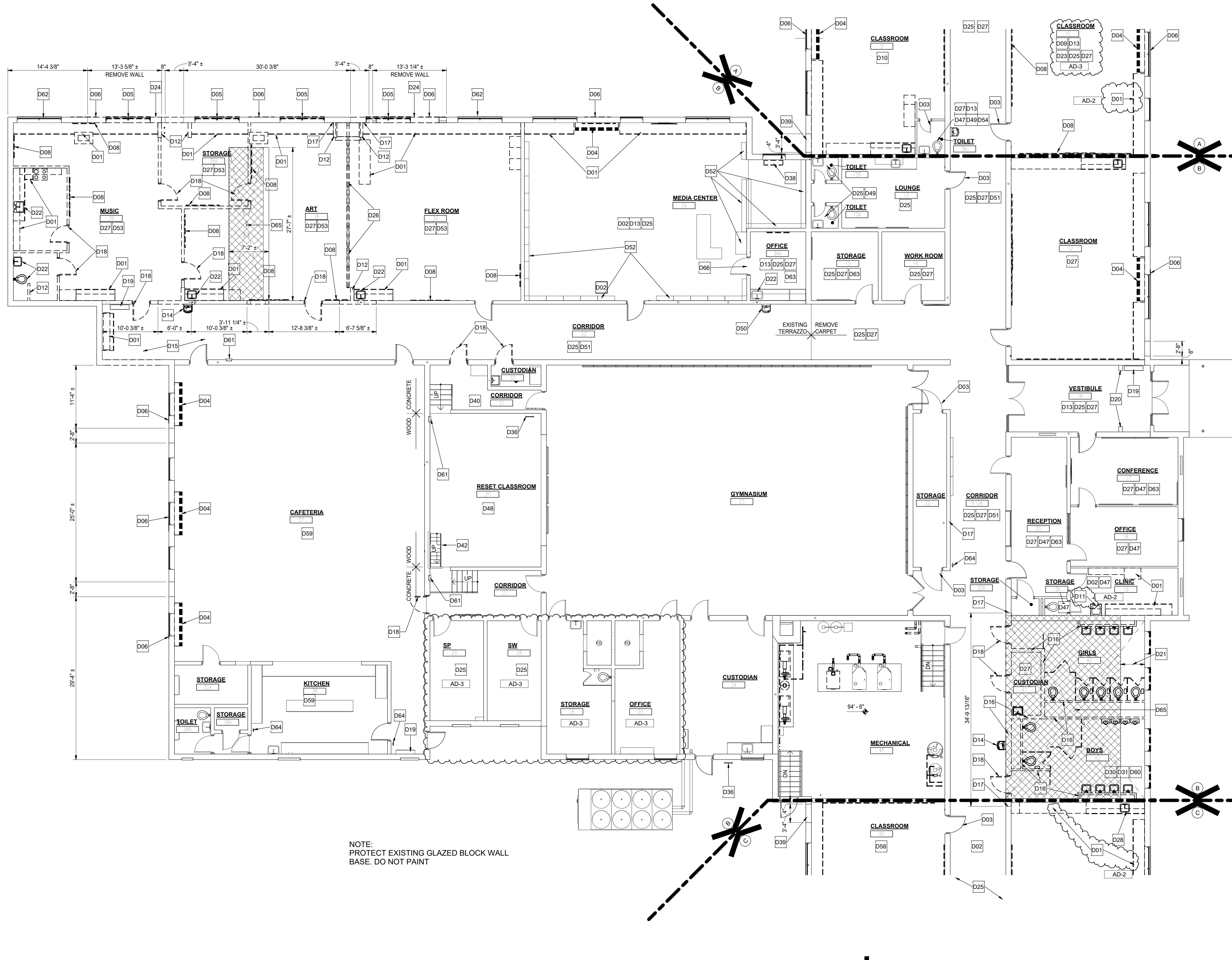
- D65 IN HATCHED AREA, SAWCUT AND REMOVE CONCRETE FLOOR SLAB (INCLUDE TERRAZZO IN GIRLS 42 AND BOYS 43) FOR UNDERGROUND PLUMBING WORK.
- D66 CAREFULLY REMOVE "BUTLER ROOM" PLAQUE FROM WALL FOR NEW FINISHES AND REINSTALL.

GENERAL DEMOLITION NOTES:

- A. FOR GENERAL PROJECT NOTES, MATERIAL INDICATIONS LEGEND, SYMBOL LEGEND, ABBREVIATIONS, ETC., REFER TO G SERIES SHEETS.
- B. UNLESS NOTED OTHERWISE ON THIS SHEET, THE GENERAL CONTRACTOR IS RESPONSIBLE FOR ALL DEMOLITION AND REMOVAL WORK INDICATED ON THIS SHEET.
- C. CONTRACTORS ENCOUNTERING EXISTING MATERIAL WHICH IS SUSPECTED OF CONTAINING ASBESTOS SHALL STOP WORK IMMEDIATELY AND NOTIFY THE OWNER AND THE OWNERS REPRESENTATIVE.
- D. BOLD DASHED LINES INDICATE EXISTING ITEMS TO BE REMOVED UNLESS OTHERWISE NOTED. THE CONTRACTOR SHALL BE RESPONSIBLE FOR FIELD VERIFYING THE EXTENT OF DEMOLITION WORK PRIOR TO BIDDING AND FOR COORDINATING THE EXTENT OF DEMOLITION WITH THE INSTALLATION OF NEW SYSTEMS.
- E. EACH CONTRACTOR SHALL BE RESPONSIBLE FOR ALL DEMOLITION APPLICABLE TO THEIR SCOPE OF WORK AND REQUIRED FOR INSTALLATION OF NEW WORK WHETHER OR NOT IT IS SPECIFICALLY INDICATED OR NOTED IN THESE DOCUMENTS.
- F. VERIFY ITEMS DEEMED OBSOLETE WITH ARCHITECT PRIOR TO REMOVAL. REFER TO NEW CONSTRUCTION DRAWINGS FOR DEMOLITION REQUIRED BUT NOT SHOWN ON DEMOLITION PLANS.
- G. EACH CONTRACTOR SHALL BE RESPONSIBLE FOR OFF SITE REMOVAL OF ALL DEMOLITION MATERIALS AND/OR ITEMS UNLESS NOTED OTHERWISE OR DIRECTED BY THE OWNER.
- H. PRIOR TO STARTING DEMOLITION, CONSTRUCT DUST CONTROL BARRIERS TO PREVENT THE SPREAD OF DUST INTO SURROUNDING AREAS. (WHERE APPLICABLE)
- I. WHERE BUILDING EGRESS IS REQUIRED TO PASS THROUGH DEMOLITION AREAS, PROVIDE APPROVED BARRIERS, ETC. TO ENSURE SAFETY OF THE PUBLIC.
- J. RELOCATED ITEMS SHALL BE CLEANED AND PLACED IN STORAGE. PER OWNERS DIRECTION, UNTIL ITEMS ARE READY TO BE INSTALLED. IF ITEMS ARE DAMAGED DURING DEMOLITION OR RELOCATION, THEY SHALL BE REPAIRED OR REPLACED WITH NEW ITEMS AS APPROVED.
- K. DEMOLITION SHALL BE PERFORMED WITHOUT DAMAGE TO EXISTING CONSTRUCTION TO REMAIN. WHERE SUCH DAMAGE OCCURS, PATCH, REPAIR, OR RESTORE WALLS, FLOORS, CEILING, ETC. NEATLY TO MATCH EXISTING ADJACENT SURFACE. PROVIDE SHORING, BRACING OR SUPPORT TO PREVENT MOVEMENT OR SETTLEMENT OF EXISTING STRUCTURES.
- L. EACH CONTRACTOR IS RESPONSIBLE FOR CUTTING, PATCHING, AND DISCONNECTION OF ITEMS APPLICABLE TO THEIR SCOPE OF WORK. WHERE EXISTING SERVICES ARE ABANDONED, CAP AT LEAST 1" BEHIND NEW FINISHES AND/OR EXISTING SURFACE AND PATCH TO RECEIVE NEW FINISHES OR MATCH EXISTING FINISH.
- M. ON WALLS THAT ARE TO RECEIVE NEW FINISHES, REMOVE AND REINSTALL EXISTING EQUIPMENT TO REMAIN FOR INSTALLATION OF NEW FINISHES.
- N. WHERE WALLS OR BULKHEADS ARE REMOVED, PATCH FLOORS, CEILINGS, AND ADJACENT WALLS TO MATCH EXISTING OR RECEIVE NEW FINISHES WHERE APPLICABLE. WHERE EXISTING DUCTWORK, PIPING, OR EQUIPMENT IS REMOVED, PATCH OPENINGS AND/OR SURFACES TO MATCH ADJACENT SURFACES OR RECEIVE NEW FINISHES WHERE APPLICABLE. REFER TO ALL DEMOLITION DRAWINGS FOR EXTENT OF ITEMS TO BE REMOVED.
- O. OVER CUT NEW OPENINGS IN EXISTING WALL FOR NEW CONSTRUCTION. PATCH AND REPAIR WALLS TO MATCH EXISTING. WHERE APPLICABLE, TOOTH NEW MASONRY INTO EXISTING.
- P. PRIOR TO DEMOLITION, THE OWNER WILL REMOVE ALL EQUIPMENT AND FURNITURE WHICH ARE CONSIDERED LOOSE FURNISHING.
- Q. MASONRY WALLS TO BE REMOVED SHALL BE REMOVED TO A POINT 2" MINIMUM BELOW THE EXISTING FLOOR SLAB UNLESS SETTING ON A SLAB OR SPECIFICALLY NOTED OTHERWISE. PATCH WITH NEW CONCRETE TO BE FLUSH WITH THE EXISTING FLOOR SLAB.
- R. EACH CONTRACTOR SHALL BE RESPONSIBLE FOR GENERAL REVIEW OF DEMOLITION NOTES AND GENERAL DEMOLITION NOTES AS THEY APPLY TO THEIR SCOPE OF WORK.
- S. THE OWNER SHALL RESERVE THE RIGHT TO CLAIM ANY MATERIALS THAT ARE BEING DEMOLISHED PRIOR TO THE CONTRACTOR DISPOSING OF THEM OFF SITE.
- T. REFER TO THE STRUCTURAL, MECHANICAL, PLUMBING, ELECTRICAL AND TECHNOLOGY DOCUMENTS FOR COMPLETE SCOPE OF DEMOLITION WORK.
- U. "FLOORING" DENOTES FLOOR COVERING MATERIALS INCLUDING BACKING, ADHESIVES, AND BASES DOWN TO BUT EXCLUSIVE OF FLOOR SLABS AND STRUCTURAL MATERIALS UNLESS NOTED OTHERWISE.
- V. DEMOLITION IS TO FOLLOW ESTABLISHED CONSTRUCTION SEQUENCE. REFER TO SPECIFICATIONS AND DRAWINGS FOR REQUIREMENTS AND SPECIAL CONDITIONS.
- W. WHERE APPLICABLE SALVAGE EXISTING MASONRY (FACE BRICK, GLAZED CMU, FACING TILE) FOR PATCHING AND INFILL IN RENOVATED AREAS WHERE INDICATED. DISCARD UNUSED PORTION OFF SITE.
- X. PROTECT EXISTING GLAZED BLOCK WALL BASE. DO NOT PAINT.

DEMOLITION PLAN KEYNOTES

- D01 REMOVE CASEWORK AND/OR MILLWORK IN ITS ENTIRETY. PATCH AND REPAIR WALL AND FLOOR TO ACCEPT NEW FINISHES.
- D02 REMOVE FLOOR FINISHES AND RESILIENT WALL BASE (IF PRESENT) IN ITS ENTIRETY. PREP EXISTING DOOR TO REMAIN.
- D03 REMOVE UNIT VENTILATOR SYSTEM IN ITS ENTIRETY. REFER TO MECHANICAL SHEETS.
- D04 PATCH OPENINGS TO MATCH EXISTING.
- D05 REMOVE ALUMINUM WINDOW AND LIMESTONE SILL. INFILL WITH SALVAGED BRICK AND CMU. MATCH EXISTING. TOOTH IN AT JAMBS.
- D06 REMOVE LOUVER AND DUCTWORK IN ITS ENTIRETY.
- D07 MODIFY MASONRY OPENING TO RECEIVE NEW LOUVER. SALVAGE EXISTING BRICK/ CMU FOR RE-USE. TOOTH-IN AROUND NEW OPENING TO RETURN TO LIKE NEW CONDITIONS.
- D08 REMOVE MARKERBOARD/ TACK BOARD/ CHALK BOARD IN ITS ENTIRETY (INCLUDING GLUE PUCKS). PREP WALL FOR NEW FINISHES.
- D09 REMOVE WALL MOUNTED EQUIPMENT (TV) RACK ASSEMBLY COMPLETE. PREP FOR NEW FINISHES.
- D10 REFER TO CLASSROOM 10 FOR TYPICAL NOTES INSIDE THE ROOM, TOILET AND ON THE EXTERIOR OF THE BUILDING.
- D11 REMOVE SINK AND FAUCET. PREPARE SUPPLY AND SANITARY FOR NEW SINK.
- D12 REMOVE INTERIOR MASONRY WALL CONSTRUCTION. PATCH AND REPAIR ADJACENT FLOOR AND WALL TO ACCEPT NEW FINISHES.
- D13 PREPARE WALLS AND DOOR FRAME FOR PAINT.
- D14 CAREFULLY REMOVE BOTTLE FILLER/ DRINKING FOUNTAIN. STORE ON SITE. REINSTALL IN NEW LOCATION. REFER TO 4/A-140.
- D15 EXISTING TERRAZZO FLOOR TO REMAIN.
- D16 REMOVE INTERIOR MASONRY WALL CONSTRUCTION. PATCH AND REPAIR ADJACENT FLOOR AND WALL TO ACCEPT NEW FINISHES.
- D17 EXISTING WALL CONSTRUCTION TO REMAIN. INFILL DAMAGED WALL TO MATCH ADJACENT SURFACES.
- D18 REMOVE HOLLOW METAL FRAME, DOOR AND HARDWARE COMPLETE.
- D19 EXISTING CABINET UNIT HEATER TO REMAIN.
- D20 PREPARE WOOD TRIM FOR NEW FINISH.
- D21 REMOVE +/- 1-1/2" TERRAZZO FLOORING SYSTEM ON TOP OF TUNNEL ROOF. CONCRETE TUNNEL LID TO REMAIN. PREPARE FOR NEW CONCRETE TOPPING.
- D22 REMOVE PLUMBING FIXTURES AND ASSOCIATED CABINETRY, COUNTER AND WALL TREATMENT IN THEIR ENTIRETY. CUT AND CAP LINE BELOW WALL OR FLOOR SURFACE UNLESS OTHERWISE NOTED ON PLUMBING DRAWINGS. REMOVE ABANDON PIPING RESIDING IN TUNNELS/ CRAWL SPACES. PATCH AND REPAIR FLOOR AND/OR WALL TO ACCEPT NEW FINISHES. COORDINATE WITH SKILLMAN.
- D23 PATCH WALLS TO MATCH ADJACENT SURFACES WHERE ELECTRICAL AND TECHNOLOGY DEVICES HAVE BEEN REMOVED. REFER TO ELECTRICAL AND TECHNOLOGY SHEETS FOR LOCATIONS.
- D24 SHORE AND BRACE ROOF FOR DEMOLITION OF WALL. SALVAGE BRICK FOR INFILL.
- D25 CEILING TILES AND BATT INSULATION ABOVE GRID REMOVED BY OWNER. CEILING GRID TO REMAIN.
- D26 REMOVE FOLDING/ SLIDING PARTITION IN ITS ENTIRETY INCLUDING STEEL FRAMING TRACK SUPPORT, DOOR, DOOR FRAME AND HARDWARE ASSEMBLIES COMPLETE. PREP FLOOR AND WALL FOR NEW CONSTRUCTION AND FINISHES.
- D27 EXISTING FLOORING AND MASTIC REMOVED BY OWNER.
- D28 REMOVE PLUMBING FIXTURES IN THEIR ENTIRETY. REMOVE ABANDON PIPING RESIDING BELOW SLAB AND IN TUNNELS/ CRAWL SPACE. REFER TO MEP FOR ADDITIONAL INFORMATION.
- D29 REMOVE TOILET ACCESSORIES AND TURN OVER TO OWNER.
- D30 REMOVE EXISTING PIPE COVER COMPLETE.
- D31 EXISTING STEEL LADDER TO REMAIN. NO WORK.
- D32 REMOVE EXISTING CABINET UNIT HEATER. REFER TO MECHANICAL DRAWINGS.
- D33 REMOVE FACE BRICK AND CMU FOR NEW LOUVER. APPROXIMATE ROUGH OPENING IS +/- 40" W X 24" H.
- D34 EXISTING FLOOR FINISHES TO REMAIN.
- D35 EXISTING OPEN GRATE STEEL STAIR TO REMAIN. NO WORK.
- D36 REMOVE WOOD PLATFORM IN ITS ENTIRETY. PATCH FLOOR FOR NEW FINISHES.
- D37 REMOVE CEILING PADS. CEILING GRID TO REMAIN. CLEAN CEILING GRID.
- D38 SAND AND PREP EXISTING WOOD FLOOR AT PLATFORM TO RECEIVE NEW FINISHES. CLEAN TOUCH UP AND RE-FINISH EXISTING WOOD WALL BASE AND TRIM.
- D39 EXISTING UPPER CABINETS TO REMAIN.
- D40 EXISTING DRINKING FOUNTAIN TO REMAIN.
- D41 CAREFULLY REMOVE TACK STRIPS IN CORRIDOR FOR NEW FINISHES. STORE ON SITE AND REINSTALL AT END OF CONSTRUCTION.
- D42 EXISTING SHELVEING TO REMAIN. COVER AND PROTECT DURING DEMOLITION AND CONSTRUCTION ACTIVITIES.
- D43 REMOVE CEILING GRID, TILES AND ANY BATT INSULATION ABOVE GRID.
- D44 CAREFULLY REMOVE EXISTING TOILET AND LAVATORY AFTER PIPE INSULATION IS REMOVED BY OWNER. REINSTALL AFTER FINISHES ARE COMPLETE.
- D45 REFER TO CLASSROOM 6 FOR TYPICAL NOTES INSIDE THE ROOM, TOILET AND ON THE EXTERIOR WALL.
- D46 REFER TO CLASSROOM 44 FOR TYPICAL NOTES IN THE CLASSROOM AND ON THE EXTERIOR WALL.
- D47 CEILING GRID, TILES AND BATT INSULATION ABOVE GRID REMOVED BY OWNER.
- D48 REMOVE ACOUSTICAL CEILING TILE AND GRID IN ITS ENTIRETY, INCLUDING CEILING DEVICES SHOWN ON MECHANICAL, ELECTRICAL AND TECH SHEETS. TEMPORARILY SUSPENDED DEVICES SHOWN TO REMAIN ON MECHANICAL, ELECTRICAL, AND TECH SHEETS.
- D49 EXISTING FIRE EXTINGUISHER AND CABINET TO REMAIN.
- D50 EXISTING ALUMINUM WINDOW TO REMAIN PROTECT.
- D51 CAREFULLY REMOVE MARKERBOARDS/ TACKBOARDS FROM WALLS. REINSTALL AFTER NEW FINISHES. REFER TO A-800 SHEETS.
- D52 EXISTING FIRE EXTINGUISHER AND BRACKET TO REMAIN.



NOTE: PROTECT EXISTING GLAZED BLOCK WALL BASE. DO NOT PAINT

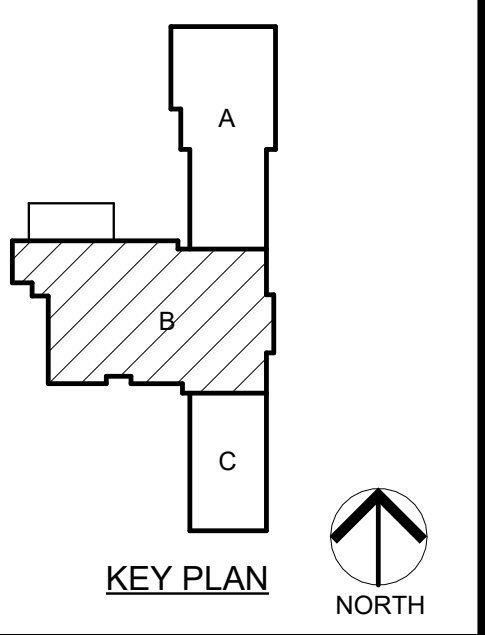
UNIT "B" FIRST FLOOR DEMOLITION UNIT PLAN

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



PROJECT:
EASTVIEW ES RENOVATION AND RELATED WORK

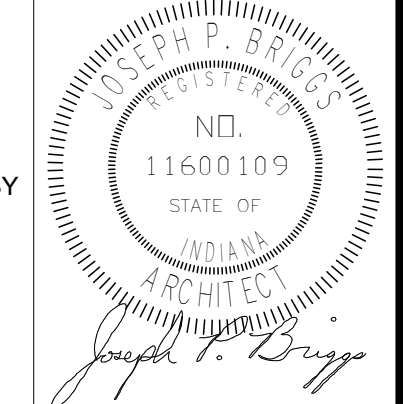
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CONSTRUCTION DOCUMENTS
3/16/26

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PROJECT: 23-153
DATE: 03/16/26
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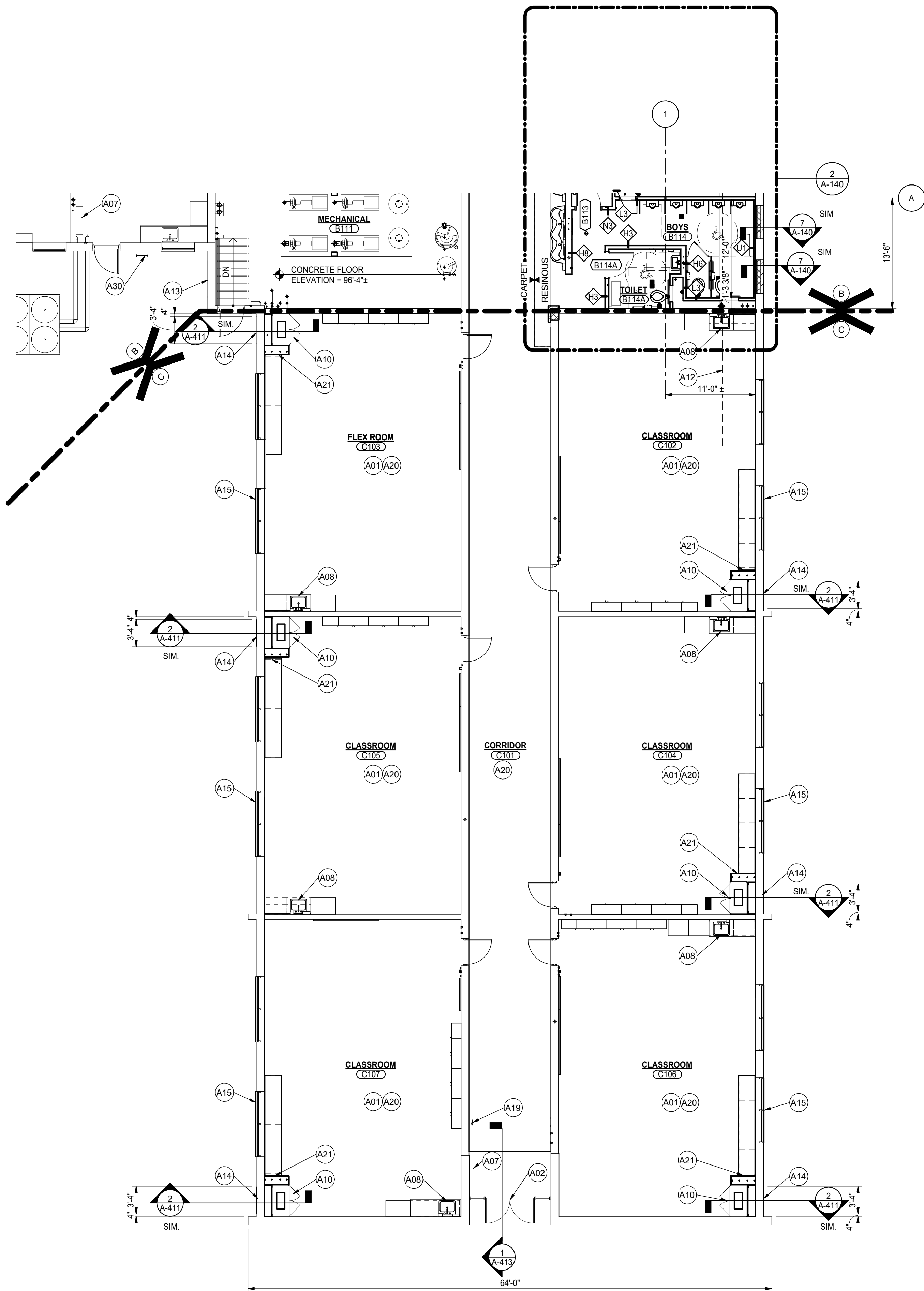
REVISIONS

MARK	DATE	ISSUED FOR
AD-2	04/07/26	ADDENDUM 2
AD-3	04/14/26	ADDENDUM 3

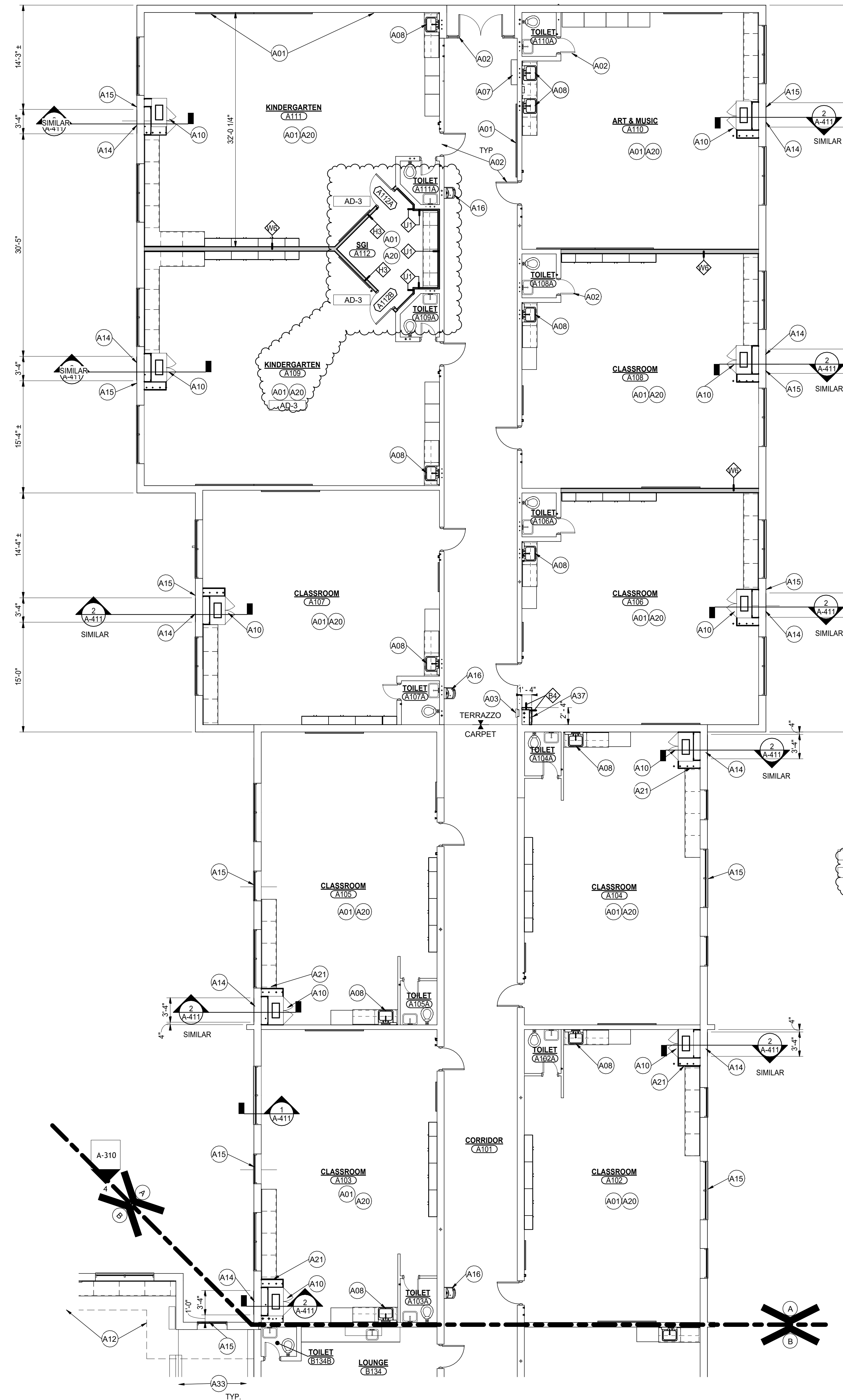
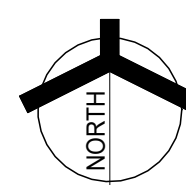
DRAWING
UNIT "B" ARCHITECTURAL FIRST FLOOR DEMOLITION PLAN

PROJECT
EASTVIEW ES RENOVATION AND RELATED WORK

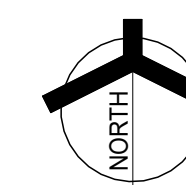
GIBRALTAR DESIGN SHEET
B AD102



2 UNIT "C" FIRST FLOOR UNIT PLAN
SCALE: 1/8" = 1'-0"



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



GENERAL PLAN NOTES:

- A. FOR GENERAL PROJECT NOTES, MATERIAL INDICATIONS LEGEND, SYMBOL LEGEND, ABBREVIATIONS, ETC., REFER TO G-SERIES SHEETS.
- B. PLAN DIMENSIONS TO MASONRY WALLS ARE TO FACE OF ROUGH MASONRY. PLAN DIMENSIONS TO STUD WALLS ARE TO FACE OF FINISHED GYPSUM BOARD OR PLASTER. PLAN DIMENSIONS TO STUD WALLS WITH CERAMIC TILE FINISH ARE TO THE FACE OF TILE BACKER BOARD.
- C. ALL CMU WALLS THAT DO NOT LAY OUT IN FULL OR HALF LENGTHS SHOULD BE BALANCED SO AS NOT TO HAVE ANY PIECES LESS THAN 4" IN SIZE EXPOSED TO VIEW.
- D. MASONRY WALLS BEARING ON A THICKENED SLAB AT SLAB DEPRESSIONS REQUIRE CUT MASONRY UNITS SO THAT COURSING BEGINS AT THE FLOOR LINE.
- E. THE BASE FIRST FLOOR ELEVATION INDICATED FOR THE PROJECT IS 100'-0". REFER TO SITE PLAN FOR CORRELATION TO USGS DATUM.
- F. HINGE SIDE OF DOOR JAMB AT CMU WALLS SHALL BE LOCATED 8" MINIMUM FROM ADJACENT WALL AND HINGE SIDE OF DOOR JAMB AT GYPSUM BOARD WALLS SHALL BE LOCATED 4" MINIMUM FROM ADJACENT WALL UNLESS NOTED OTHERWISE.
- G. VERIFY MOUNTING HEIGHTS OF ACCESSORIES, EQUIPMENT, CASEWORK, ETC., AND PROVIDE FIRE TREATED WOOD BLOCKING (OR METAL STRAPPING WHERE INDICATED) WITHIN METAL STUD WALLS FOR ALL WALL MOUNTED ITEMS.
- H. REFER TO LIFE SAFETY PLANS REGARDING FIRE RATED WALL LOCATIONS AND OTHER CODE INFORMATION.
- I. INTERIOR CMU WALLS ARE TO BE RUNNING BOND UNLESS NOTED OTHERWISE.
- J. WHERE NEW CMU WALLS INTERSECT EXISTING CMU WALLS AT A CORNER OR ARE ALIGNED WITH EXISTING CMU WALLS, TOOTH NEW CMU INTO EXISTING CMU UNLESS NOTED OTHERWISE.
- K. REFER TO DEMOLITION SHEETS FOR ADDITIONAL PATCHING AND REPAIR WORK.
- L. ALL EXPOSED CONCRETE MASONRY UNITS (CMU) CORNERS ARE TO BE BULLNOSED, EXCEPT AT MASONRY BULKHEADS AND EXTERIOR WINDOW JAMBS.
- M. PROVIDE SEALANT BETWEEN DISSIMILAR MATERIALS SUCH AS GYPSUM BOARD, MASONRY AND CONCRETE, COUNTERTOPS AND WALLS, ETC.
- N. REFER TO FINISH PLANS FOR INTERIOR ELEVATIONS, LOCATION, AND EXTENT OF FINISHED FLOOR AND WALL MATERIAL.
- O. REFER TO EQUIPMENT PLANS FOR CASEWORK, DISPLAY BOARDS, LOCKERS, AND OTHER ADDITIONAL TYPICAL EQUIPMENT NOTES AND INFORMATION.
- P. REFER TO A-140 FOR REFERENCE TO ENLARGED TOILET ROOM PLANS AND TOILET ACCESSORIES.

ARCHITECTURAL PLAN KEYNOTES

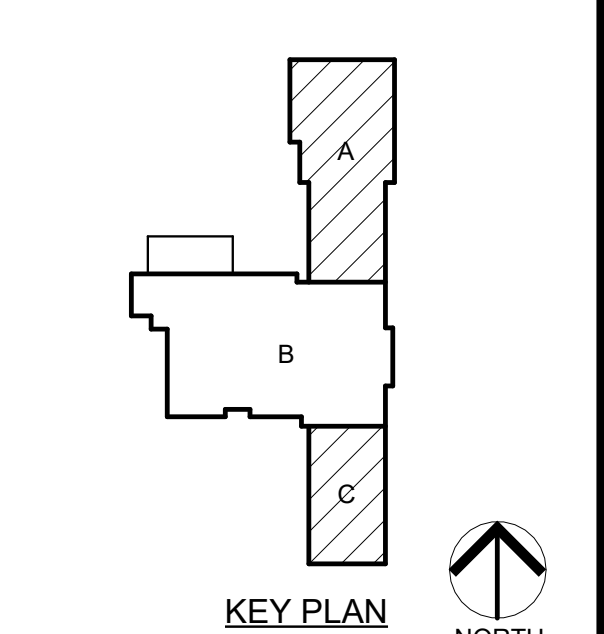
- A01 REFER TO A-700 SERIES EQUIPMENT PLANS FOR CASEWORK, AND / OR MILLWORK DISPLAY BOARDS, PROJECTORS, TV MONITORS, ETC., FOR NOTES AND DETAILS.
- A02 EXISTING DOOR TO REMAIN.
- A03 EXISTING FIRE EXTINGUISHER AND CABINET TO REMAIN.
- A04 MOP SINK, REFER TO PLUMBING DRAWINGS. PROVIDE MOP HOLDER AND STAINLESS STEEL WANSBOTT. REFER TO SHEET A-501 FOR DETAIL.
- A05 LINE OF EXISTING CANOPY ROOF ABOVE. NO WORK.
- A07 EXISTING CABINET HEATER TO REMAIN. PAINT.
- A08 PLUMBING FIXTURE. REFER TO PLUMBING DRAWINGS.
- A09 FLOOR DRAIN REFER TO PLUMBING DRAWINGS.
- A10 VERTICAL UNIT VENTILATOR (VUV) WITH HEAVY GAUGE PAINTED METAL CLOSURE AT UNIT MATCH VENTILATOR FINISH. COORDINATE EACH CONDITION IN FIELD WITH WALL, FLOOR AND CEILING CONDITIONS. REFER TO MECHANICAL DRAWINGS AND SHEET A-501.
- A11 RELOCATED DRINKING FOUNTAIN. REFER TO PLUMBING DRAWINGS.
- A12 APPROXIMATE LINE OF TUNNEL WALL BELOW.
- A13 APPROXIMATE LOCATION OF EXISTING LOUVER.
- A14 CUT HOLE IN MASONRY WALL FOR NEW LOUVER. REFER TO ARCHITECTURAL ELEVATIONS AND MECHANICAL.
- A15 INFILL FORMER LOUVER OPENING WITH BRICK AND CMU. MATCH EXISTING. TOOTH IN JAMBS.
- A16 EXISTING DRINKING FOUNTAIN TO REMAIN.
- A17 EXISTING LIMESTONE SILL TO REMAIN.
- A18 INFILL FORMER DOOR OPENING WITH CMU. MATCH EXISTING COURSING AND PATTERN. REPLACE PARTIAL CMU'S WITH FULL UNITS. PAINT.
- A19 EXISTING FIRE EXTINGUISHER TO REMAIN.
- A20 REFER TO A-800 SERIES DRAWINGS FOR FINISHES.
- A21 PROVIDE REMOVABLE PANEL ABOVE COUNTER IN VLV. REFER TO MECHANICAL DRAWINGS.
- A22 PATCH HOLES IN TERRAZZO FLOOR TO MATCH EXISTING AT LOCATION OF FORMER HORIZONTAL UNIT VENTILATORS. FIELD VERIFY.
- A23 REFINISH (W/TRIFY) TERRAZZO FLOOR IN CAFETERIA B126.
- A24 REFINISH HARDWOOD FLOOR AND ALL ASSOCIATED TRIM.
- A25 CAREFULLY REMOVE WALL PADDING TO REFINISH WOOD TRIM. REINSTALL PADDING UPON COMPLETION.
- A26 INFILL FORMER WINDOW OPENINGS WITH FACE BRICK TO MATCH EXISTING SIZE, TEXTURE AND PATTERN. LIFE SKILLS B143 AND B144. INFILL WITH 8" CMU. MATCH COURSING (COMMON AREA B137).
- A27 PATCH CONCRETE FLOOR AND DOWEL. REFER TO STRUCTURAL DRAWINGS.
- A28 90 MINUTE LABELED DOUBLE EGRESS DOOR ON MAGNETIC HOLD OPENS. THE INTO LOCAL SMOKE DETECTORS AND FIRE ALARM SYSTEM. REFER TO ELECTRICAL.
- A29 REPLACE EXISTING GLAZING WITH INSULATED SPANDREL PANELS.
- A30 EXISTING STEEL ROOF LADDER TO REMAIN.
- A31 CONTROL JOINT WITH BACKER ROD AND SEALANT.
- A32 EXISTING BOOKSHELVES TO REMAIN. COMPLETELY COVER WITH PLASTIC TO LIMIT DUST ON BOOKS.
- A33 FIELD VERIFY AND ALIGN STACK NEW WALL WITH TUNNEL WALL BELOW.
- A34 TECHNOLOGY EQUIPMENT REFER TO TECHNOLOGY AND ELECTRICAL DRAWINGS.
- A37 16 X 16 ACCESS PANEL. PAINT.
- A38 EXISTING STEEL LADDER (STAIR) TO REMAIN.
- A39 APPROXIMATE LOCATION OF EXISTING CARD READER. LOCATE HC ACTUATOR ADJACENT TO CARD READER.



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PROJECT:
EASTVIEW ES RENOVATION AND RELATED WORK

FAYETTE COUNTY SCHOOL CORPORATION
401 S FOUNTAIN ST
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CONSTRUCTION DOCUMENTS
3/16/26

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AD-3	04/14/26	ADDENDUM 3

DRAWING
UNITS "A" AND "C"
ARCHITECTURAL FIRST FLOOR
PLANS

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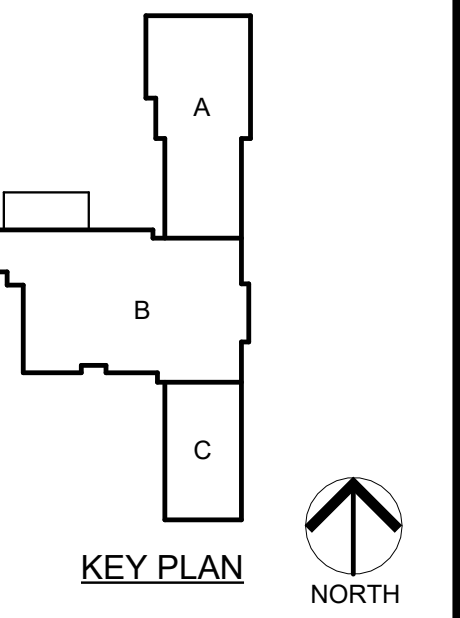
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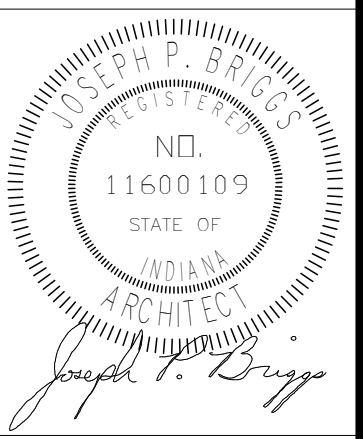


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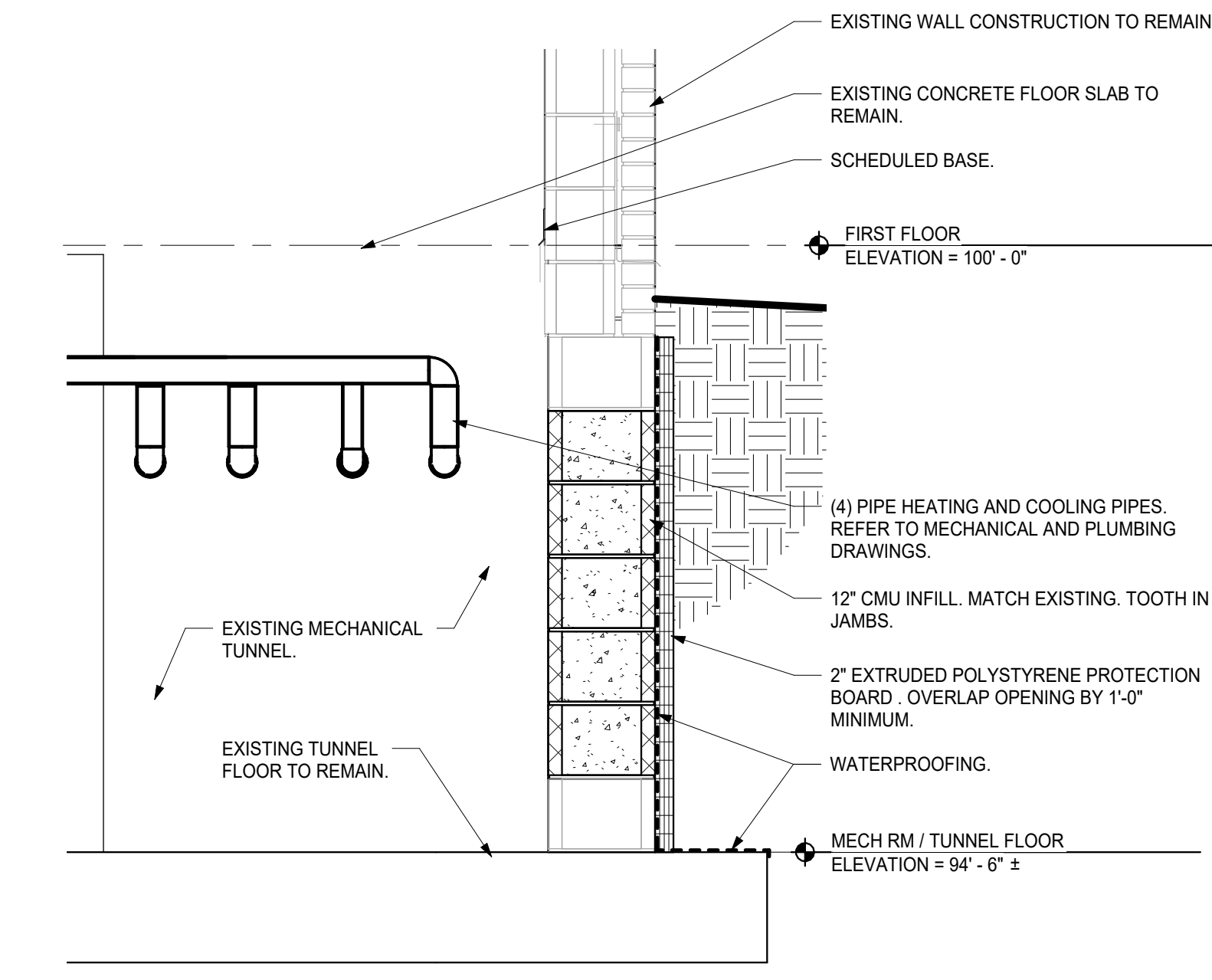
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DRAWING
WALL SECTIONS

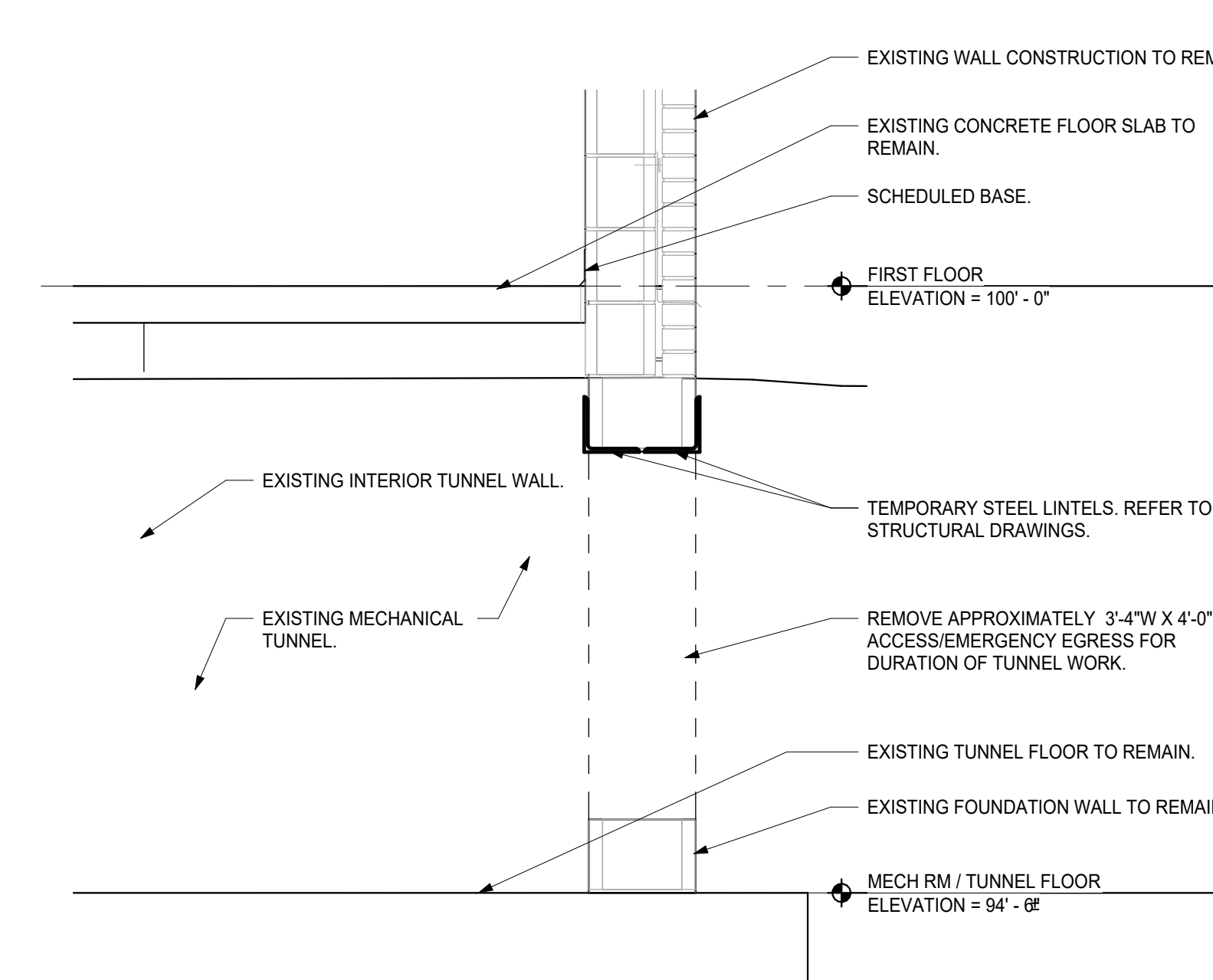
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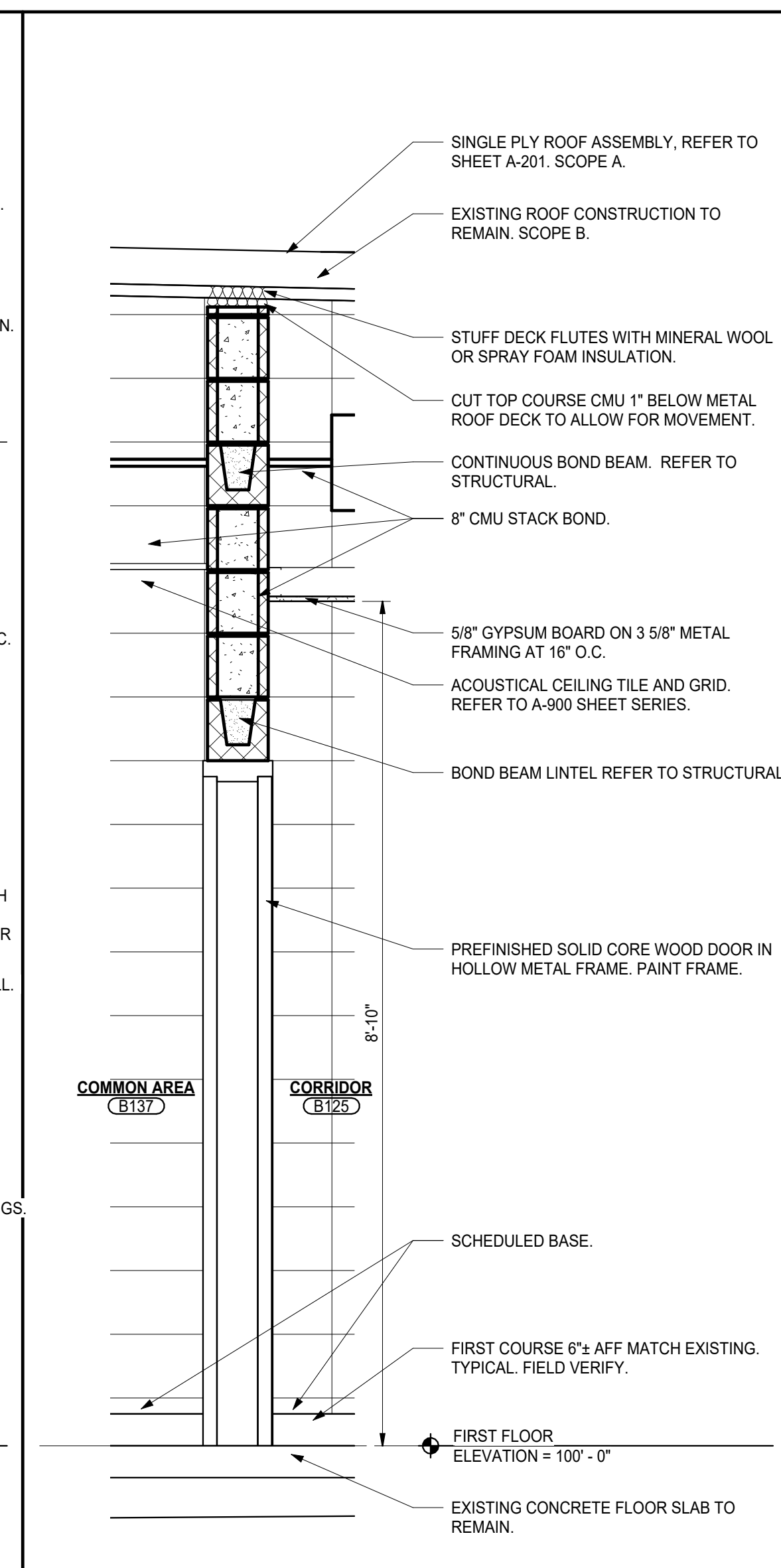
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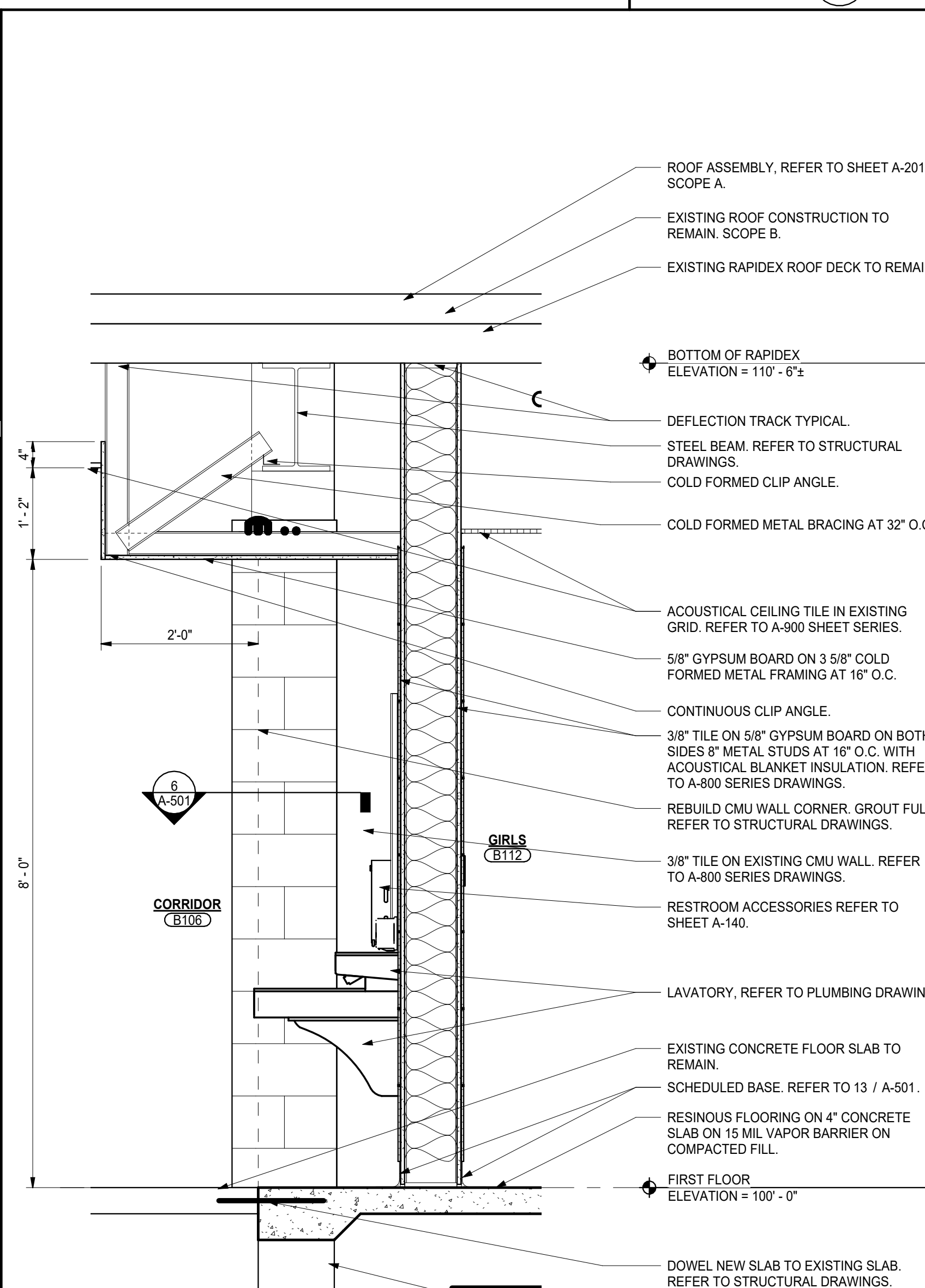
WALL SECTION TEMPORARY TUNNEL OPENING INFILL



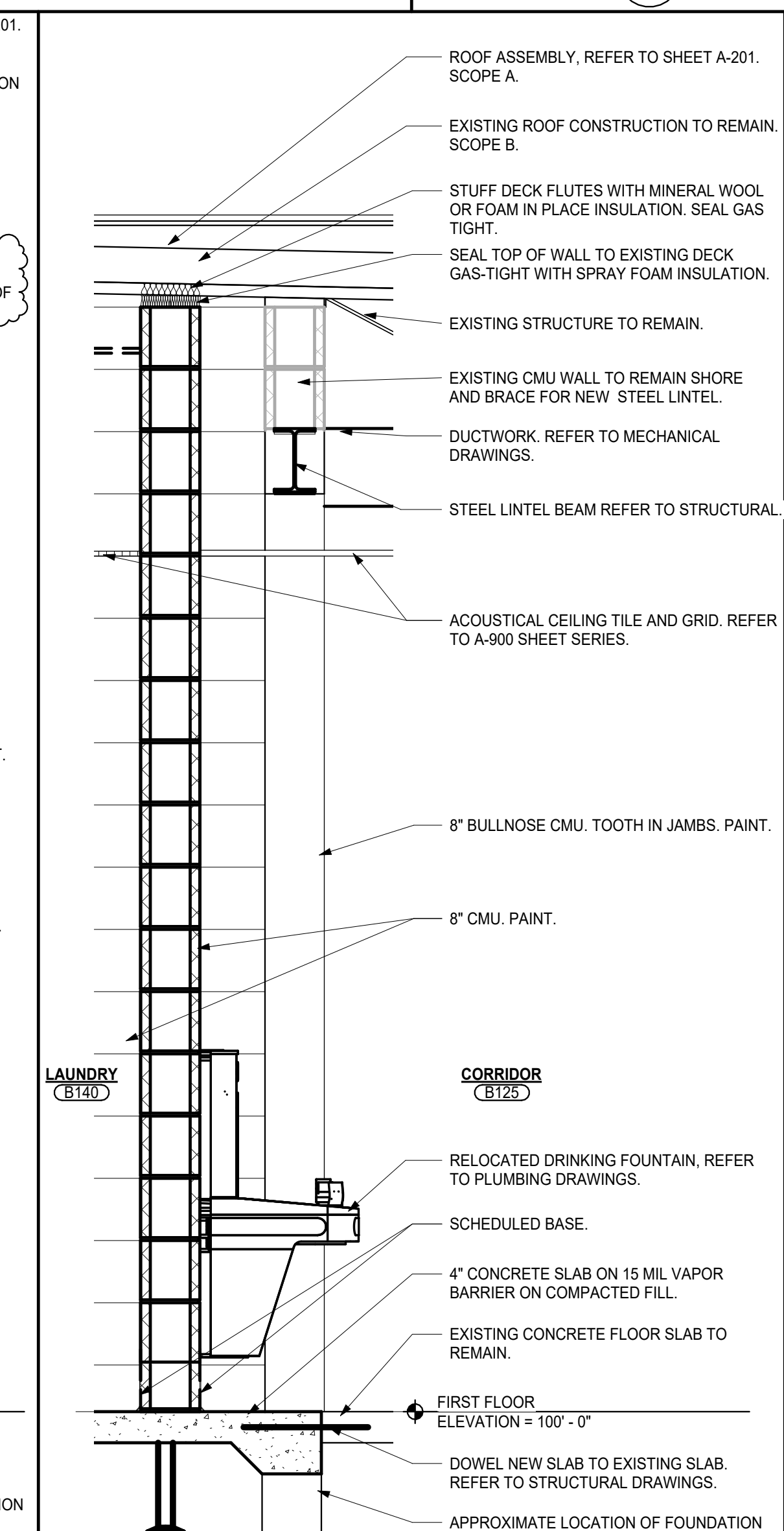
TEMPORARY TUNNEL OPENING DEMOLITION WALL SECTION



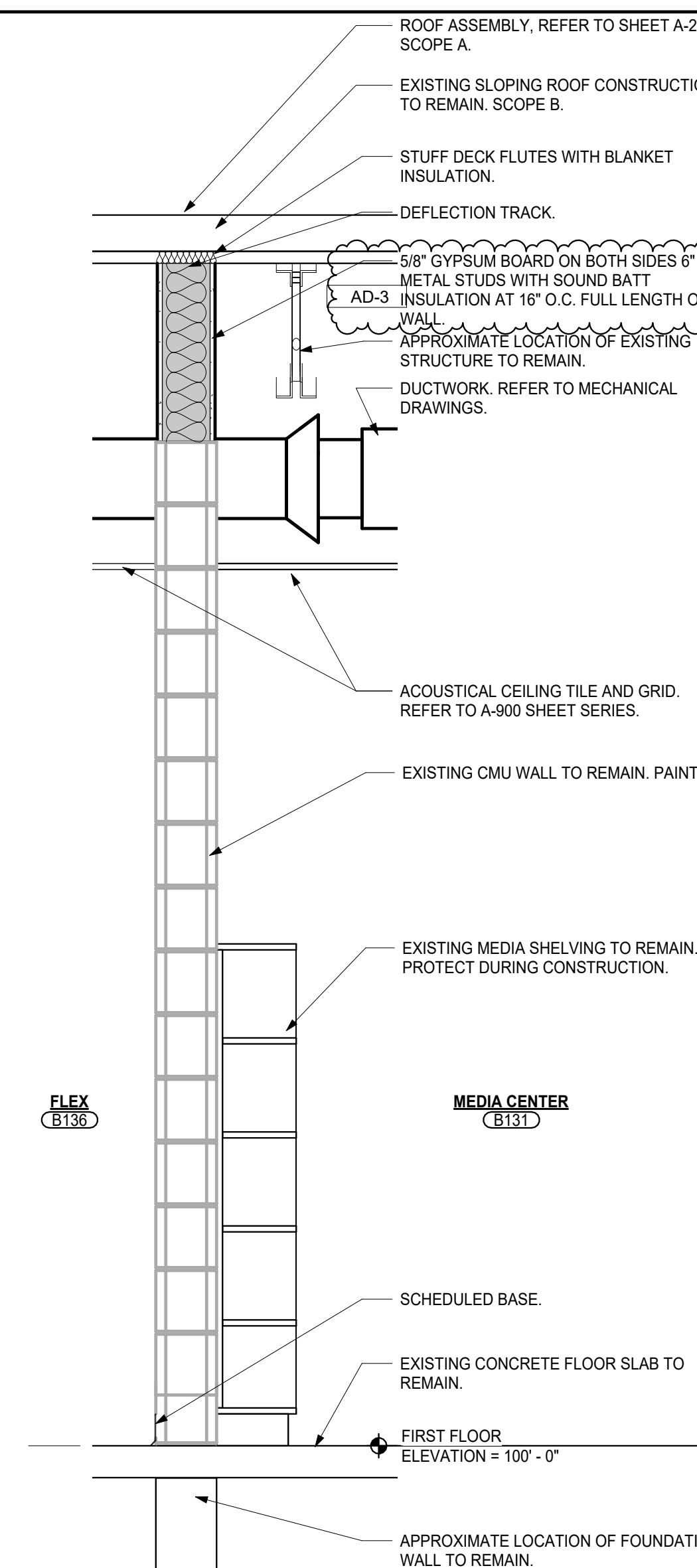
WALL SECTION



WALL SECTION



WALL SECTION



WALL SECTION

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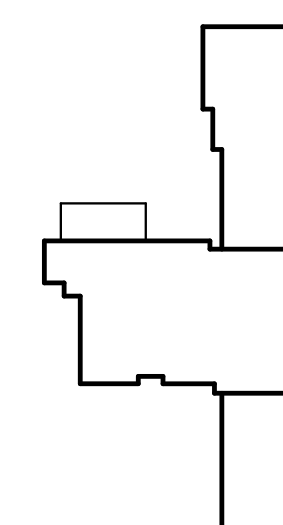
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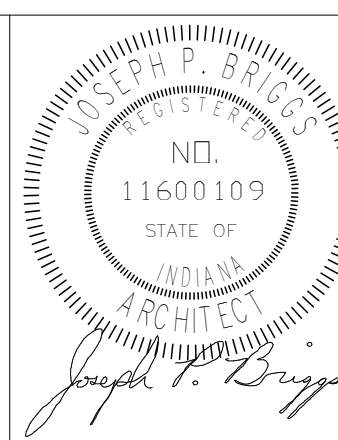
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DRAWING

**WINDOW AND STOREFRONT
ELEVATIONS AND DETAILS**

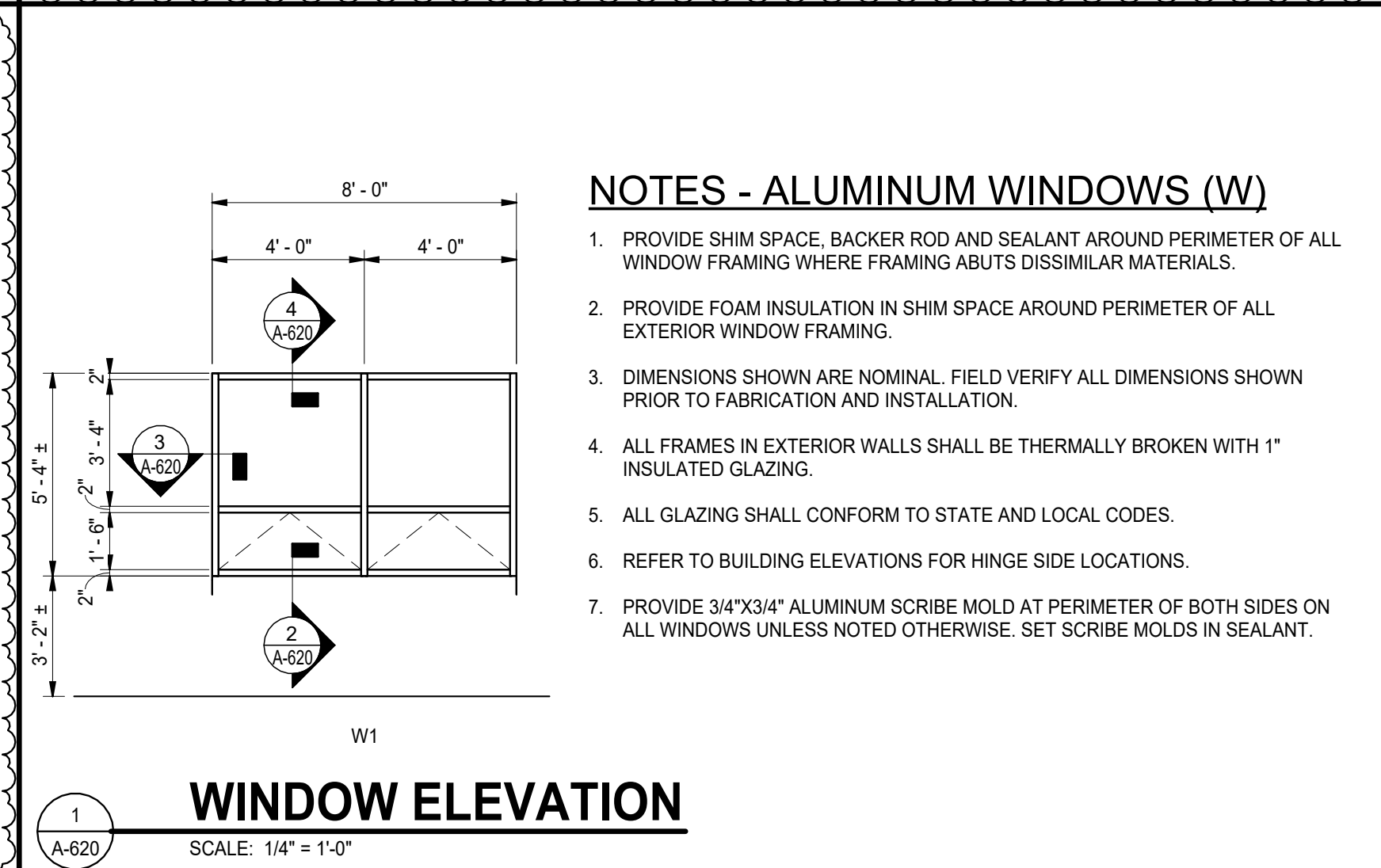
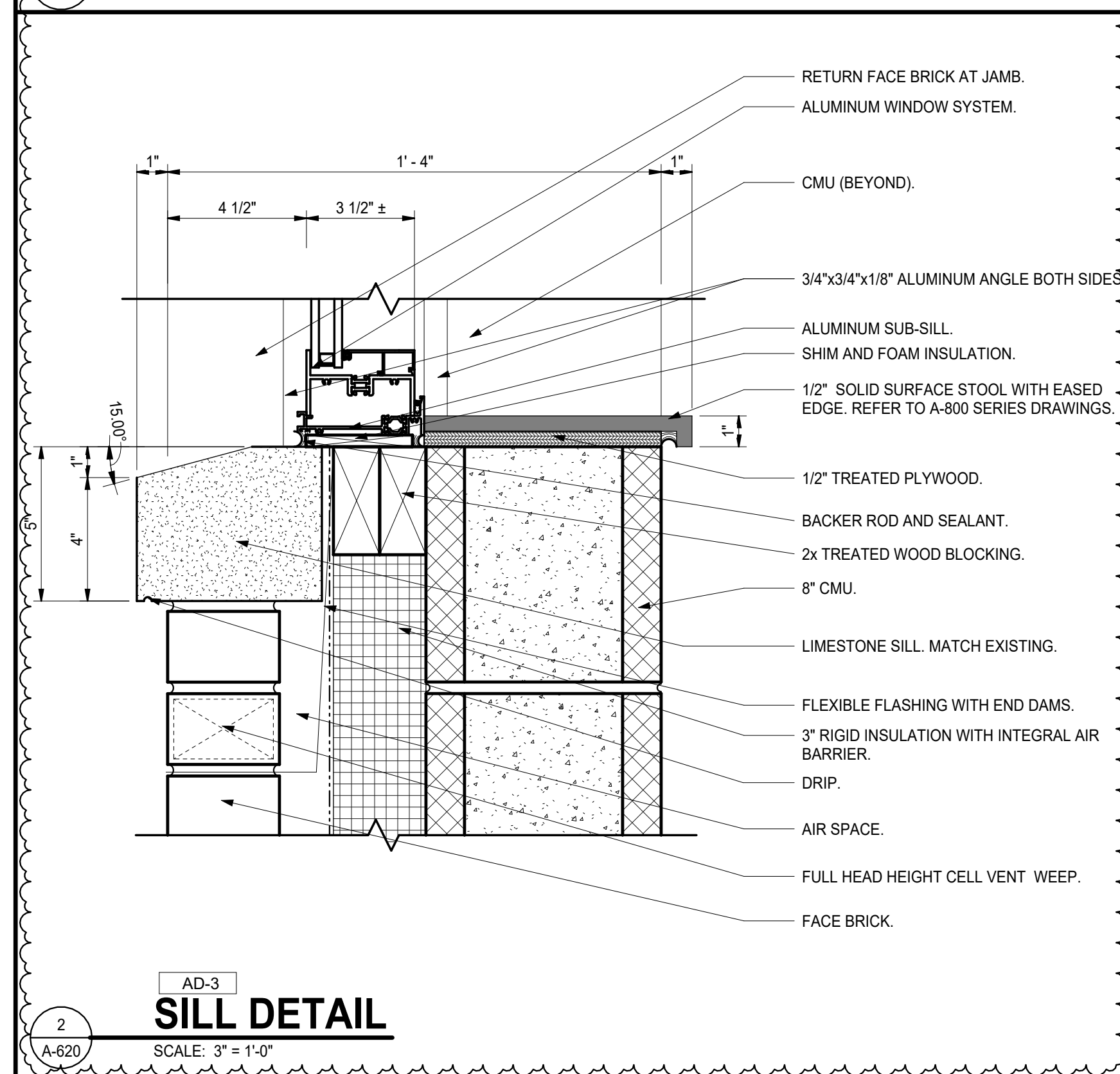
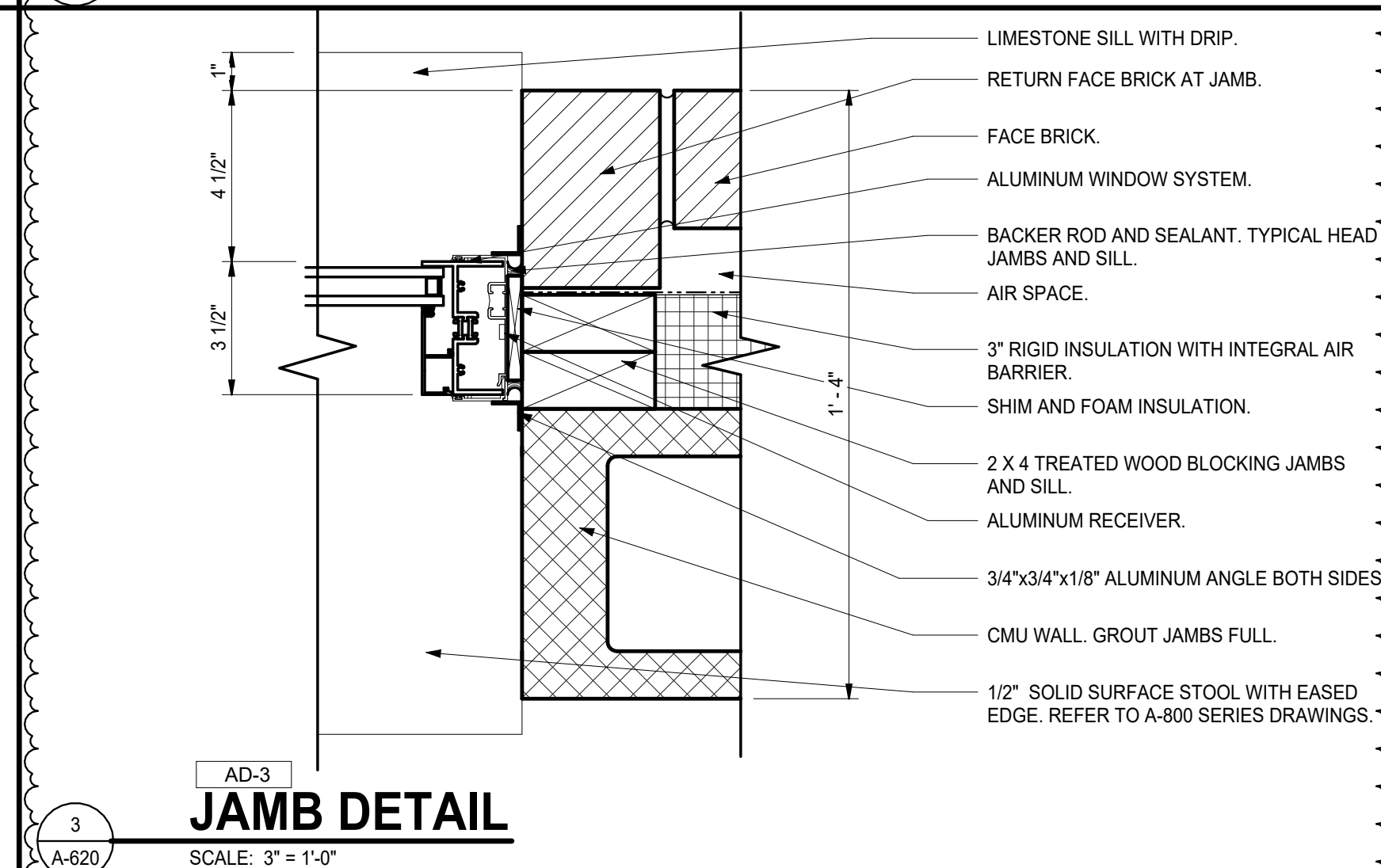
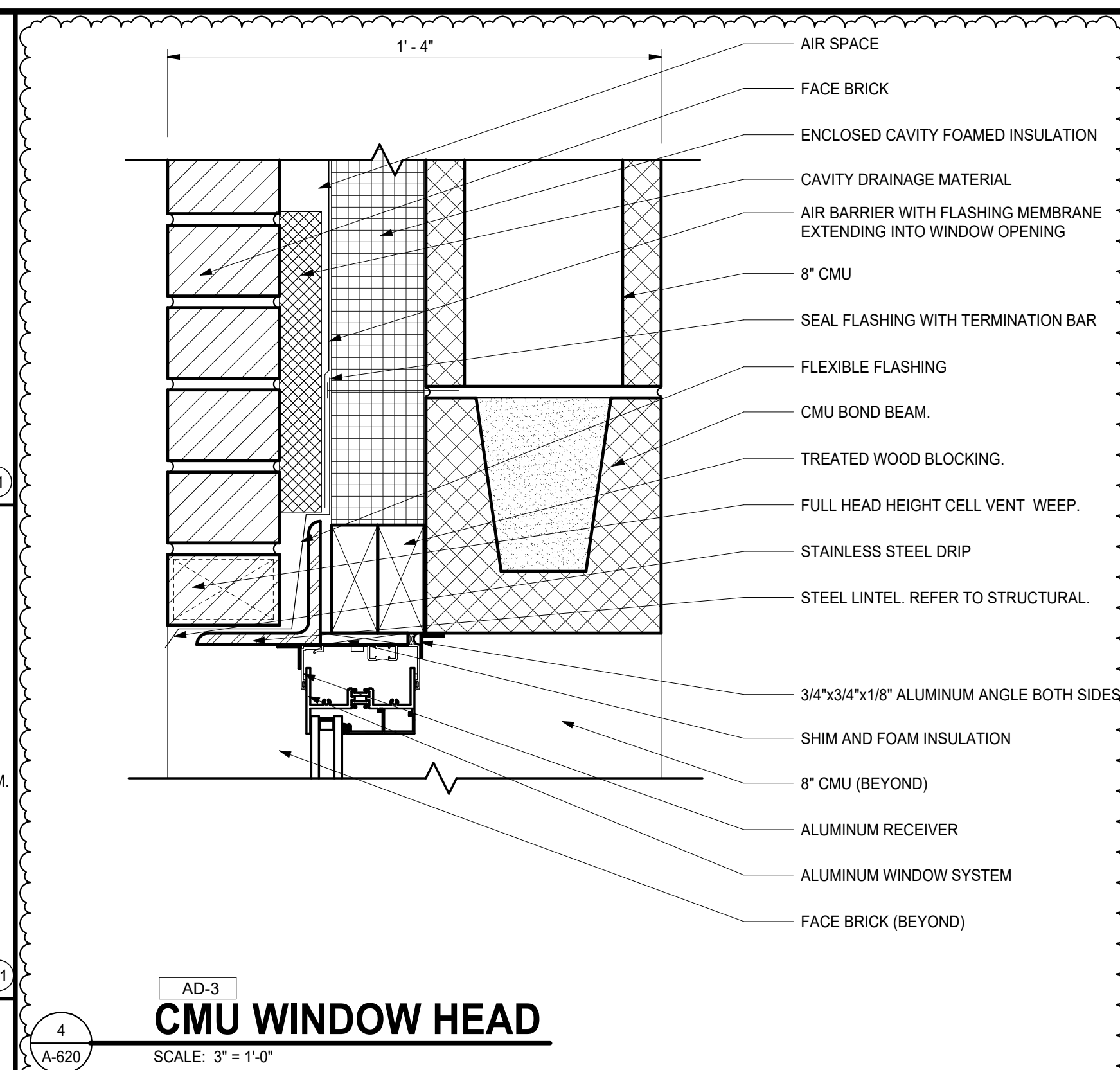
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GENERAL FINISH NOTES:

- A. REFERENCE FINISH LEGEND FOR FINISH INFORMATION.
- B. REFERENCE FLOOR PATTERN PLANS, EQUIPMENT PLANS, INTERIOR ELEVATIONS, REFLECTED CEILING PLANS AND WRITTEN SPECIFICATIONS FOR ADDITIONAL FINISH INFORMATION.
- C. PRIOR TO INSTALLATION OF NEW FINISHES CONTRACTOR SHALL INSPECT ALL SUBSTRATES. IF A SUBSTRATE IS DEEMED UNACCEPTABLE THE CONTRACTOR SHALL TAKE THE NECESSARY STEPS TO RECTIFY THE SITUATION OR CONTACT THE ARCHITECT WITH THE CONCERN. PROCEEDING WITH THE INSTALLATION OF FINISHES WILL BE CONSTRUED THAT THE INSTALLER AND/OR FINISHER HAS ACCEPTED SAID SUBSTRATE. NO CHANGE ORDER WILL BE ISSUED TO RECTIFY CONCEALED, OR UNSATISFACTORY SUBSTRATE UNCE FINISH WORK HAS PROCEEDED.
- D. PREPARE ALL WALL CONSTRUCTION, NEW AND EXISTING, TO RECEIVE NEW FINISHES AS PER MANUFACTURE'S RECOMMENDED INSTALLATION METHODS AND MATERIALS FOR ALL FINISHES.
- E. ALL FLOORING IS TO BE LEVELED WITHIN 1/4" IN 10'-0" WITH LATEX MATERIAL. MOISTURE CONTENT IN AREA IS TO BE TESTED PRIOR TO INSTALLATION OF FLOORING MATERIAL. CONTRACTOR TO INSTALL FLOORING PER MANUFACTURER'S RECOMMENDED METHOD.
- F. FLOORING CONTRACTOR TO SUBMIT A SEAMING DIAGRAM FOR FLOORING MATERIAL INCLUDING NOTATION OF MATERIAL DIRECTION.
- G. ALL FLOORING TRANSITIONS SHALL COMPLY WITH ADA GUIDELINES.
- H. ALL FLOOR FINISH TRANSITIONS AT DOORS SHALL BE CENTERED UNDER DOOR UNLESS NOTED OTHERWISE.
- I. ALL EXPOSED METAL SURFACES, SUCH AS GRILLES, FIRE EXTINGUISHER CABINETS, ETC. THAT ARE NOTED TO BE PAINTED, SHALL BE PAINTED WITH ALKYO TYPE PAINT. COLOR TO BE COORDINATED WITH DESIGNER UNLESS OTHERWISE NOTED.
- J. CONTRACTOR TO PROVIDE AND INSTALL FLOORING TRANSITIONS AS INDICATED ON THE FLOOR PATTERN PLANS. WHERE NONE ARE NOTED, CONTRACTOR SHALL VERIFY REQUIRED TYPE/COLOR WITH ARCHITECT.
- K. FOR FLOOR FINISH TRANSITION DETAILS REFER TO A500 SERIES SHEETS.
- L. THE CONTRACTOR SHALL BE RESPONSIBLE TO VERIFY THAT ALL NEW INTERIOR WALL AND CEILING FINISHES WILL BE CLASS B MINIMUM, WITH A FLAME SPREAD RATING OF 75 MAXIMUM, AND A SMOKE DEVELOPED INDEX OF 450 MAXIMUM, PER IBC SECTION 803.
- M. PAINT ALL SIDES OF NEW AND EXISTING DOOR FRAMES P5 UNLESS NOTED OTHERWISE.
- N. EXPOSED SURFACES OF DUCTWORK TO BE PAINTED TO MATCH ADJACENT SURFACES UNLESS NOTED OTHERWISE.
- O. PAINT ALL SIDES OF BULKHEADS IN ROOMS RECEIVING FINISHES P1 UNLESS NOTED OTHERWISE. REFER TO A900 SERIES DRAWINGS.
- P. REFER TO PROJECT MANUAL FOR FINISH LEVEL REQUIREMENTS FOR GYPSUM BOARD SURFACES UNLESS OTHERWISE INDICATED.

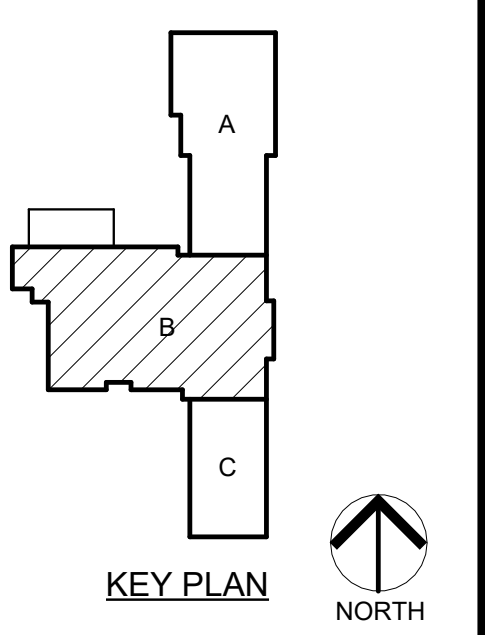
FINISH PLAN LEGEND:

- P1 - WALL FINISH
- C1 - FLOOR FINISH
- B1 - BASE FINISH
- - MISC FINISH INFORMATION

- FLOOR TRANSITION AS REQUIRED
- INDICATES DIRECTION OF MATERIAL GRAIN
- INDICATES BULKHEADS OR OTHER OVERHEAD ITEMS (INCLUDED IN CONSTRUCTION CONTRACTS).

FINISH PLAN NOTES

- F01 NO NEW FINISHES THIS ROOM, EXCLUDING DOOR FRAMES CONNECTED TO OTHER ROOMS THAT RECEIVE FINISHES.
- F02 MATCH EXISTING WALL FINISHES, WALL PAINT AND PROVIDE NEW BASE. FEATHER PAINT WITH EXISTING.
- F03 REFER TO 8/A-860 FOR TYPICAL CORRIDOR PAINT. DO NOT PAINT EXISTING EXPOSED BRICK.
- F04 PAINT, P4.
- F05 PAINT, P3.
- F06 WALL TILE, WT1. FULL HEIGHT.
- F07 UNLESS NOTED OTHERWISE, ALL WALLS TO BE WALL TILE, WT3 AND WT4 UP TO 70" AFF WITH WALL COATING, W1 ABOVE. REFER TO 7/A-860 FOR TILE PATTERN.
- F08 WALL TILE, WT1 AND WT2. REFER TO 5/A-860 FOR TILE PATTERN.
- F09 WALL TILE, WT3 AND WT4. REFER TO 6/A-860 FOR TILE PATTERN.
- F10 EXISTING TERRAZZO FLOOR TO BE PATCHED AS NEEDED AND VITRIFIED.
- F11 VINYL WALL BASE, B1.
- F12 WALL COATING, WS.
- F13 FULL HEIGHT WALL TILE, WT3 ON ALL WALLS UNLESS NOTED OTHERWISE.
- F14 VINYL WALL BASE, B2 TO BE INSTALLED AT CASEWORK ONLY.
- F15 REFINISH EXISTING WOOD TRIM, WS.



CONSTRUCTION DOCUMENTS
3/16/26

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EKM
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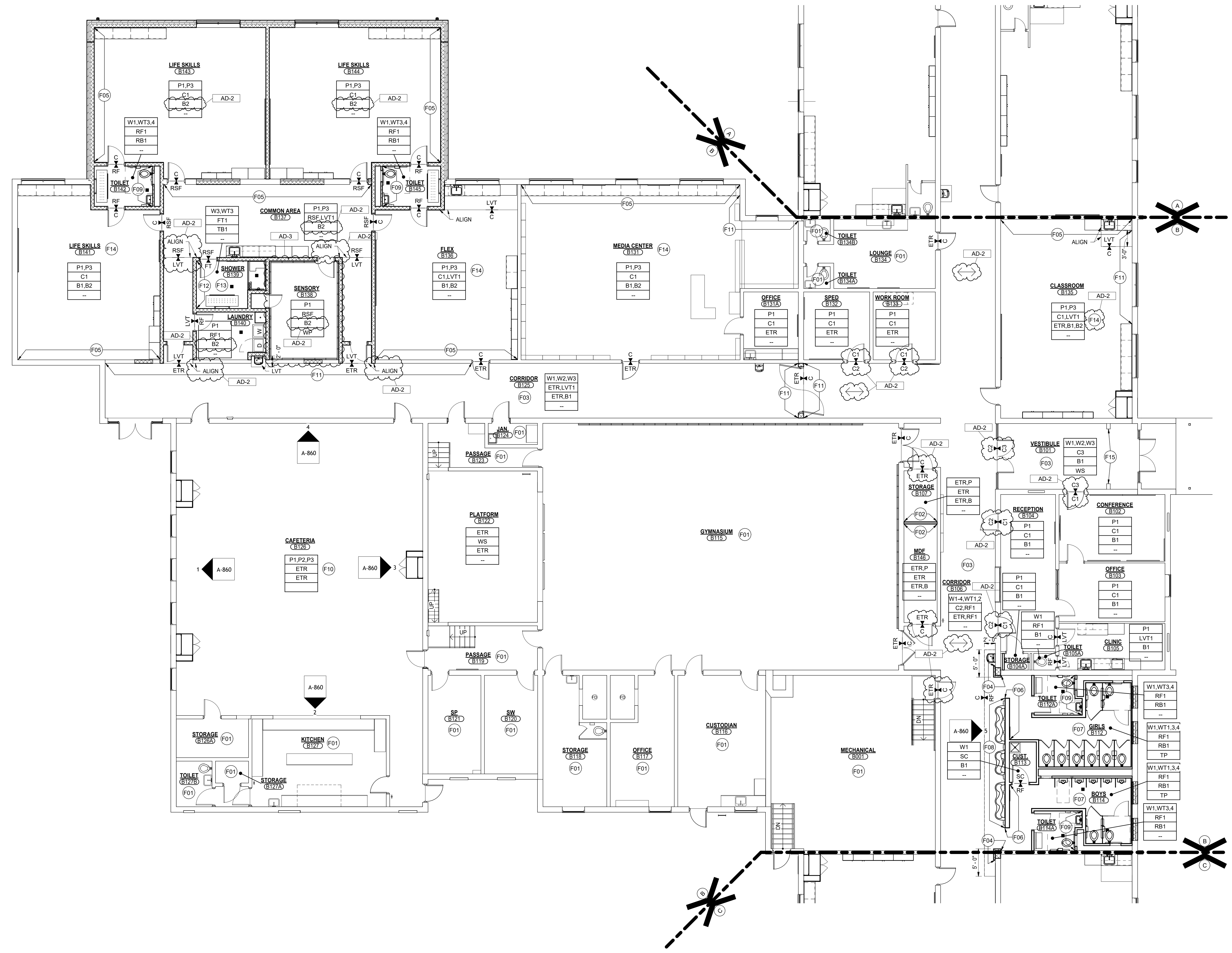
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MARK	DATE	ISSUED FOR
AD-2	04/07/26	ADDENDUM 2
AD-3	04/14/26	ADDENDUM 3

DRAWING
UNIT "B" FIRST FLOOR FINISH PLAN

PROJECT
EASTVIEW ES RENOVATION AND RELATED WORK

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B A-804



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

FINISH LEGEND									
SURFACE	MARK	DESCRIPTION	MANUFACTURER	PATTERN/FINISH	NUMBER/COLOR	SIZE	COMMENTS		
CEILING MATERIALS									
1	ACT1	ACOUSTICAL CEILING TILE	ARMSTRONG	FINE FISSURED	WHITE 1728	24" X 24"	NRC 70		AD-3
1	ACT2	ACOUSTICAL CEILING TILE	ARMSTRONG	CLEAN ROOM VL	WHITE 868	24" X 24"	VINYL FACED WITH HUMIGUARD PLUS		
1	P10	PAINT	SHERWIN WILLIAMS	--	SW 7007 CEILING BRIGHT WHITE	--	--		
WALL BASE & STAIRS									
2	B1	VINYL WALL BASE	TARKETT	--	BLACK	6" H COVE	--		
2	B2	VINYL WALL BASE	TARKETT	--	BLACK	4" H COVE	AT CASEWORK ONLY		
2	RB	RESINOUS BASE	SHERWIN WILLIAMS	1/4" DECOFLAKE	BOTTLENOSE	6" H COVE	PROVIDE ZINC METAL TRIM AT TOP OF BASE		
2	TB1	TILE BASE	AMERICAN OLEAN	UNGLAZED MOSAICS	STORM GREY SPEKLE	2" X 2" COVE	--		
FLOOR MATERIALS									
3	C1a	CARPET TILE	TARKETT	BLOCKADE	TWILIGHT BLUE	24" X 24"	INSTALL VERTICAL ASHLAR		
3	C1b	CARPET TILE	MOHAWK	MOTIVATED MOVEMENT	FRANKLIN	24" X 24"	INSTALL VERTICAL ASHLAR		
3	C2a	CARPET TILE	TARKETT	COROLLARY	BLUE STRATEGY	24" X 24"	INSTALL VERTICAL ASHLAR		
3	C2b	CARPET TILE	MOHAWK	ADOPT A PLAN	FRANKLIN	24" X 24"	INSTALL VERTICAL ASHLAR		
3	C3a	WALKOFF CARPET TILE	TARKETT	ABRASIVE ACTION	WINTER GREY	24" X 24"	INSTALL MONOLITHIC		
3	C3b	WALKOFF CARPET TILE	MOHAWK	FIRST STEP II	COBALT	24" X 24"	INSTALL MONOLITHIC		
3	FT1	PORCELAIN FLOOR TILE	AMERICAN OLEAN	UNGLAZED MOSAICS	STORM GREY SPEKLE	2" X 2"	--		
3	LVT1	LUXURY VINYL TILE	TARKETT	FACTOR	SKYLINE	18" X 18"	--		
3	RF1	RESINOUS FLOORING	SHERWIN WILLIAMS	1/4" DECOFLAKE	BOTTLENOSE	--	--		
3	RSF	RUBBER SPORTS FLOOR	GERFLOOR	SPORT M PLUS	LIGHT CHERRY	--	--		
3	SC	SEALED CONCRETE	--	--	--	--	--		
WALL MATERIALS									
4	P1	PAINT	SHERWIN WILLIAMS	--	PASSIVE SW 7064	--	--		
4	P2	PAINT	SHERWIN WILLIAMS	--	GRAY MATTERS SW 7066	--	--		
4	P3	PAINT	SHERWIN WILLIAMS	--	COMMODORE SW 6524	--	--		
4	P4	PAINT	SHERWIN WILLIAMS	--	CITYSCAPE SW 7067	--	--		
4	P5	PAINT	SHERWIN WILLIAMS	--	BLACK OF NIGHT SW 6993	--	DOORFRAMES		
4	W1	WALL COATING	SHERWIN WILLIAMS	--	PASSIVE SW 7064	--	--		
4	W2	WALL COATING	SHERWIN WILLIAMS	--	GRAY MATTERS SW 7066	--	--		
4	W3	WALL COATING	SHERWIN WILLIAMS	--	COMMODORE SW 6524	--	--		
4	W4	WALL COATING	SHERWIN WILLIAMS	--	CITYSCAPE SW 7067	--	--		
4	WT1	PORCELAIN WALL TILE	AMERICAN OLEAN	COLOR STORY FLOOR	BALANCE SPEKLE	12" X 24"	INSTALL HORIZONTAL STACK BOND		
4	WT2	PORCELAIN WALL TILE	AMERICAN OLEAN	COLOR STORY FLOOR	MATTE SAPPHIRE SKY	12" X 24"	INSTALL HORIZONTAL STACK BOND		
4	WT3	CERAMIC WALL TILE	AMERICAN OLEAN	COLOR STORY	BALANCE GLOSSY	8" X 24"	INSTALL HORIZONTAL STACK BOND		
4	WT4	CERAMIC WALL TILE	AMERICAN OLEAN	COLOR STORY	SAPPHIRE SKY GLOSSY	8" X 24"	INSTALL HORIZONTAL STACK BOND		
CASEWORK & MILLWORK									
5	PL1	PLASTIC LAMINATE	WILSONART	MATTE	MANITOBA MAPLE	--	--		
5	PL2	PLASTIC LAMINATE	PIONITE	SUEDE	ICE FISHIN	--	--		
5	PL3	PLASTIC LAMINATE	WILSONART	MATTE	HANDSPUN DOVE	--	--		
5	SS1	SOLID SURFACE	CORIAN	--	PEARL GRAY	--	WINDOW STOOLS		
MISCELLANEOUS									
6	RS	ROLLER SHADES	MECHO SHADE	--	SELECT FROM MANUFACTURER STANDARD	--	--		
6	TP	TOILET PARTITIONS	SCRANTON	ORANGE PEEL TEXTURE	BLUEBERRY	--	--		
6	TRM1	SCHLUTER	SCHLUTER	--	ANODIZED ALUMINUM	--	--		
6	WD	WOOD DOORS	--	--	--	--	MATCH EXISTING - COORDINATE WITH OWNER AND ARCHITECT		
6	WP	WALL PADDING	--	--	SELECT FROM MANUFACTURERS STANDARD	--	--		
6	WS	WOOD STAIN	--	--	--	--	REFINISH EXISTING WOOD TRIM AND STAGE FLOOR - COORDINATE STAIN WITH OWNER AND ARCHITECT		



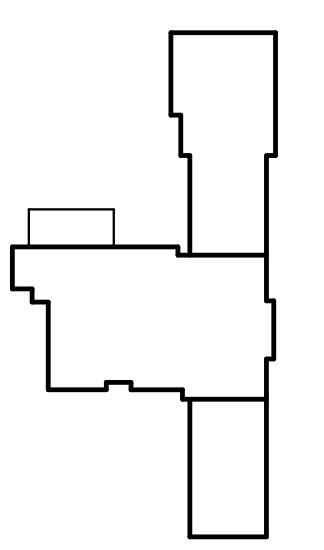
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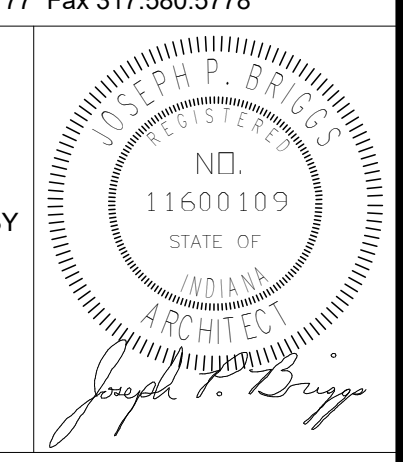


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AD-3	04/14/26	ADDENDUM 3

DRAWING
FINISH LEGEND

PROJECT
EASTVIEW ES RENOVATION AND RELATED WORK



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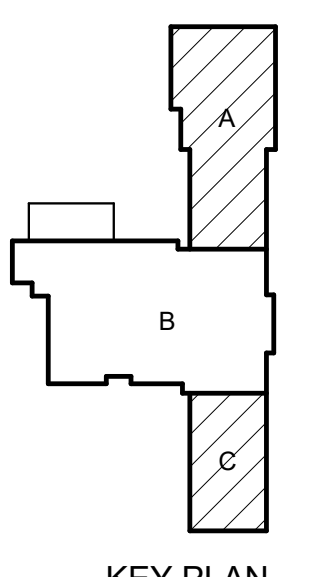
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KEY PLAN



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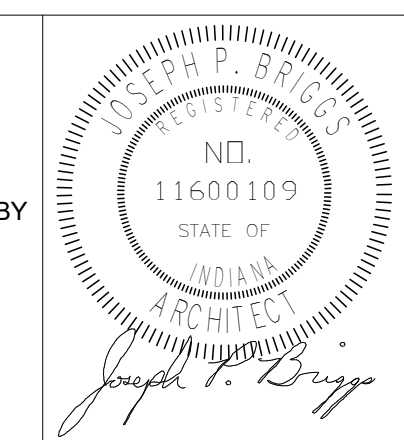
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AD-2	04/07/26	ADDENDUM 2
AD-3	04/14/26	ADDENDUM 3

DRAWING
UNITS "A" AND "C" FIRST FLOOR
REFLECTED CEILING PLANS

PROJECT
EASTVIEW ES RENOVATION AND
RELATED WORK

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DESIGN

SHEET

A+C

A-901

GENERAL REFLECTED CEILING NOTES:

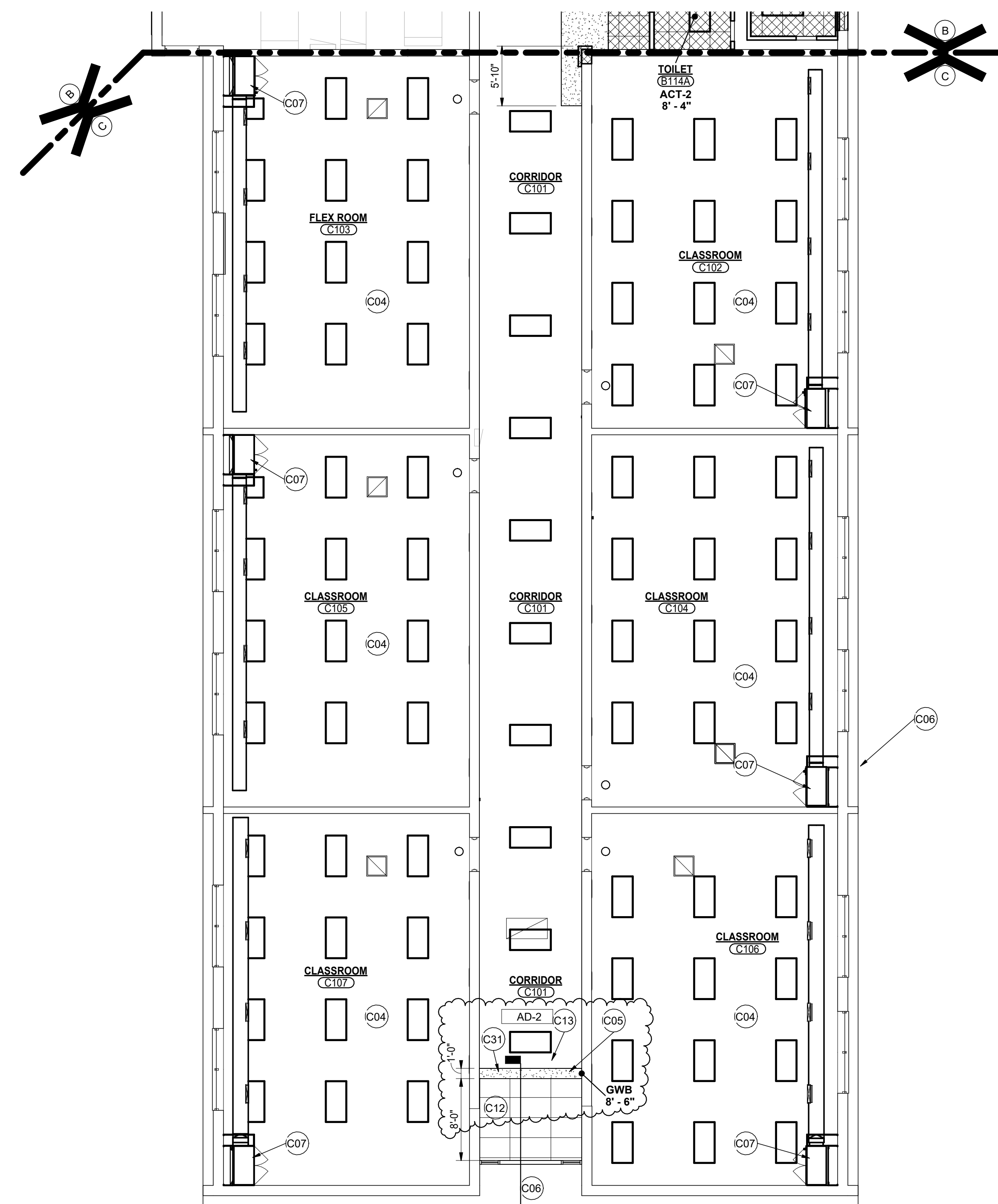
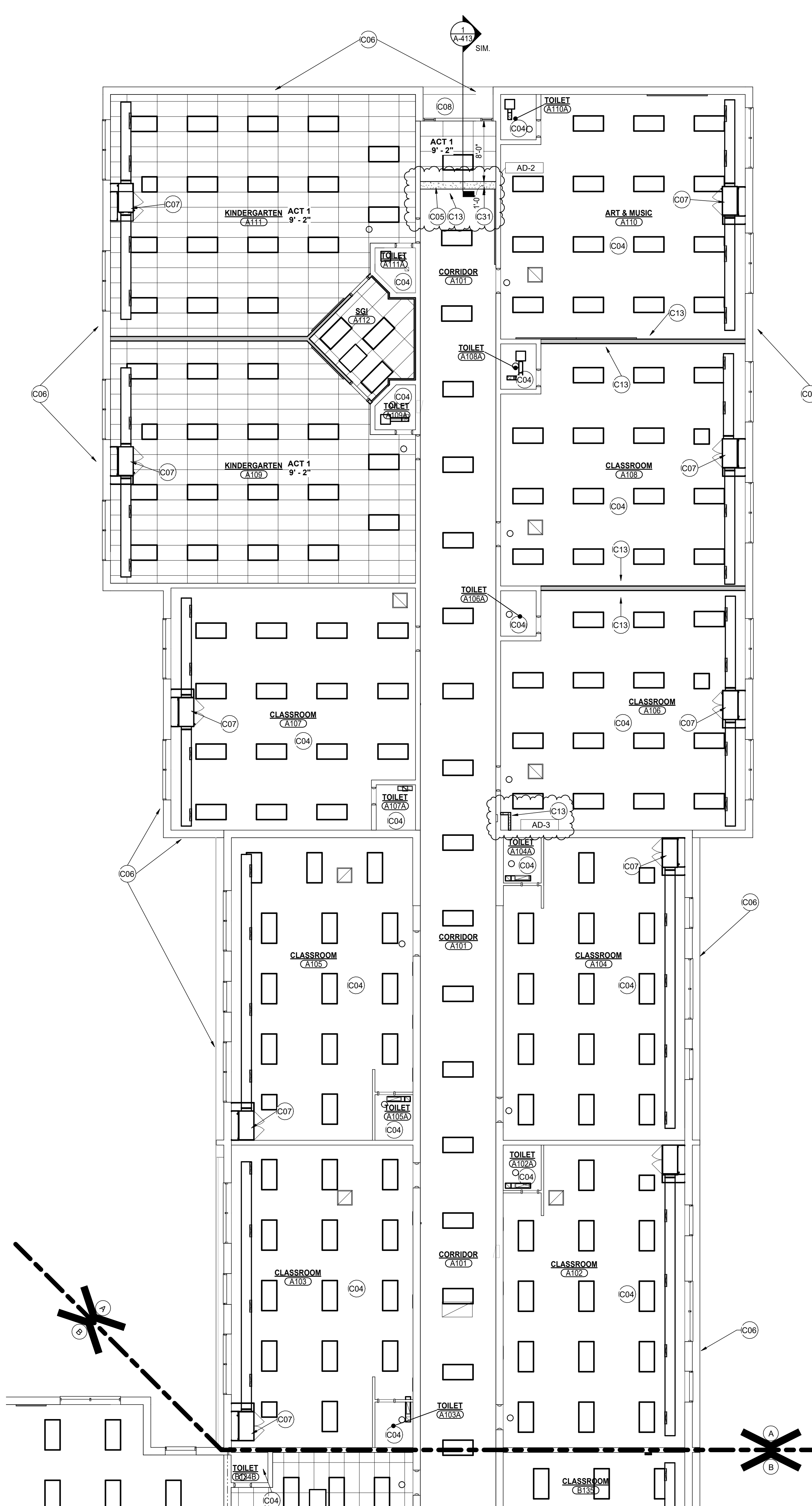
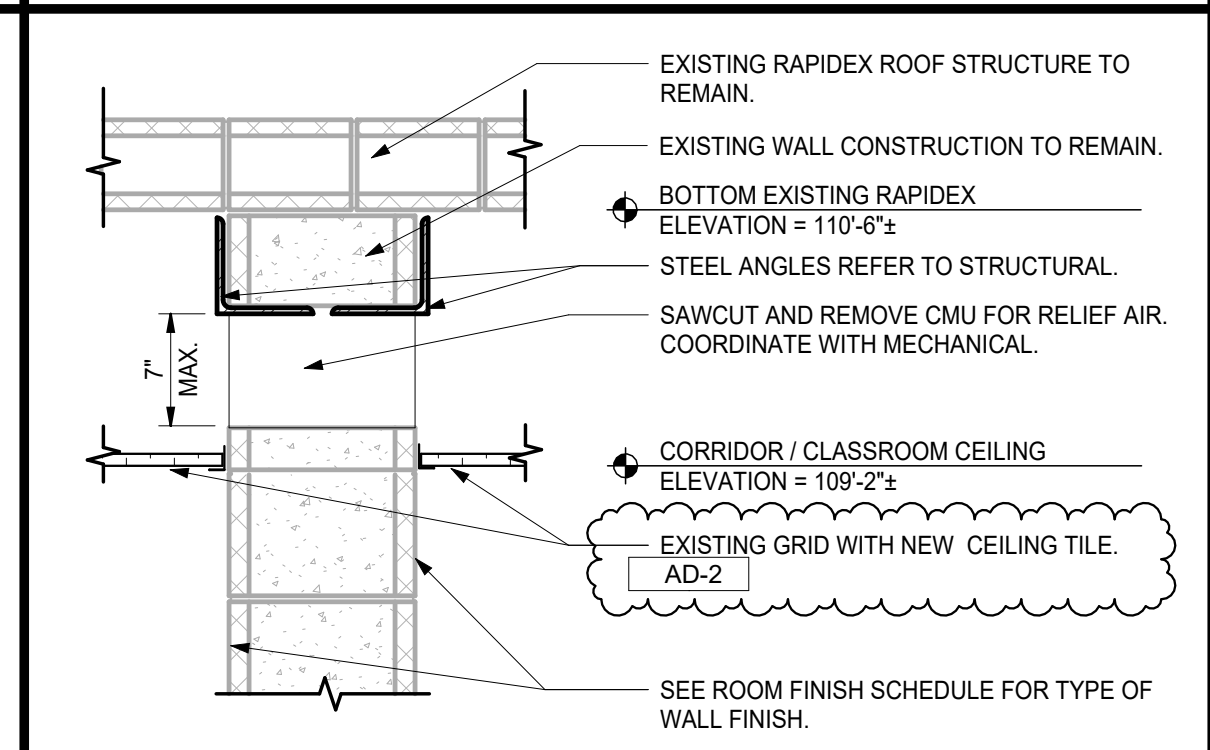
- A. FOR GENERAL PROJECT NOTES, MATERIAL INDICATIONS LEGEND, SYMBOL LEGEND, ABBREVIATIONS, ETC., REFER TO SHEET G-301.
- B. THE ARCHITECTURAL REFLECTED CEILING PLANS GOVERN THE LAYOUT OF ALL CEILING ELEMENTS AND PENETRATIONS.
- C. BULKHEAD FRAMING SHALL BE ATTACHED TO STRUCTURAL SUPPORTS AND NOT THE ROOF DECK.
- D. REFER TO FLOOR PLANS FOR WALL TYPES.
- E. REFER TO FIRE PROTECTION DRAWINGS FOR SPRINKLER HEAD TYPES AND QUANTITIES. HEADS HAVE INTENTIONALLY BEEN OMITTED FOR CLARITY.
- F. CEILING ACCESS PANELS INDICATED ARE NOT INTENDED TO LIMIT NUMBER OF PANELS REQUIRED. PANEL QUANTITY SHALL BE SUFFICIENT TO PROVIDE REQUIRED ACCESS WHETHER OR NOT INDICATED ON THE DRAWINGS. VERIFY FINAL LOCATIONS WITH ARCHITECT PRIOR TO STARTING WORK.
- G. REFER TO ELECTRICAL DRAWINGS FOR LIGHT FIXTURE TYPE AND QUANTITIES.
- H. REFER TO MECHANICAL DRAWINGS FOR DIFFUSERS, GRILL TYPES AND QUANTITIES - ALL MECHANICAL ITEMS MAY NOT BE INDICATED ON THIS SHEET.
- I. REFER TO TECHNOLOGY DRAWINGS FOR ADDITIONAL CEILING MOUNTED TECHNOLOGY ITEMS.
- J. REFER TO FINISH PLANS AND INTERIOR ELEVATIONS FOR PAINT COLORS.

CEILING LEGEND

- ACT-1 LIGHT FIXTURE
- ACT-2 SUPPLY AIR DIFFUSER
- RETURN OR EXHAUST REGISTER
- EXHAUST REGISTER
- INTERIOR FINISH SYSTEM (IFS) OVER GLASS MATT GYPSUM SHEATHING
- GYPSUM BOARD CEILING OR BULKHEAD REFER TO TYPICAL BULKHEAD DETAILS (2 / A-902) AND WALL SECTIONS

REFLECTED CEILING PLAN NOTES

- C01 OPEN TO STRUCTURE ABOVE. NO WORK.
- C02 EXISTING CANOPY TO REMAIN. NO WORK.
- C03 STEEL LINTEL. PAINT. P1.
- C04 EXISTING CEILING GRID TO REMAIN. CLEAN AND PAINT GRID, AND REPLACE CEILING TILE.
- C05 GYPSUM BOARD CEILING / BULKHEAD. PAINT. P10.
- C06 BASE BID EXISTING SOFFIT. NO WORK. SCOPE A REFER TO ROOF DETAILS SHEET A-210.
- C07 VUV. MODIFY CEILING SYSTEM. REFER TO A-410 SERIES SHEETS AND MECHANICAL SHEETS A-901.
- C08 NO WORK IN THIS AREA.
- C09 PATCH EXISTING SOFFIT AT CONNECTION TO NEW SOFFIT. INSTALL EXPANSION JOINT. PAINT PATCHED SOFFIT BACK TO NEXT EXISTING JOINT.
- C10 GYPSUM BOARD BULKHEAD OUTSIDE CLASSROOMS. HOLD 2" BACK FROM FACE OF CORRIDOR WALL. REFER TO DETAILS ON SHEET A902.
- C12 ACOUSTICAL CEILING SLOPES REFER TO SHEET A-413.
- C13 MODIFY EXISTING CEILING SYSTEM TO ACCOMMODATE NEW WALL CONSTRUCTION. BASE BID FLASH EXISTING SOFFIT AND FASCIA TO ADDITION WITH BREAK METAL. REFER TO A-901.
- C15 EXISTING MECHANICAL DUCT TO REMAIN. NO WORK.
- C17 EXISTING OPEN WEB JOIST TO REMAIN. NO WORK.
- C30 PAINT ALL SIDES OF BULKHEAD, P1.
- C31 PAINT ALL SIDES OF BULKHEAD, P2.



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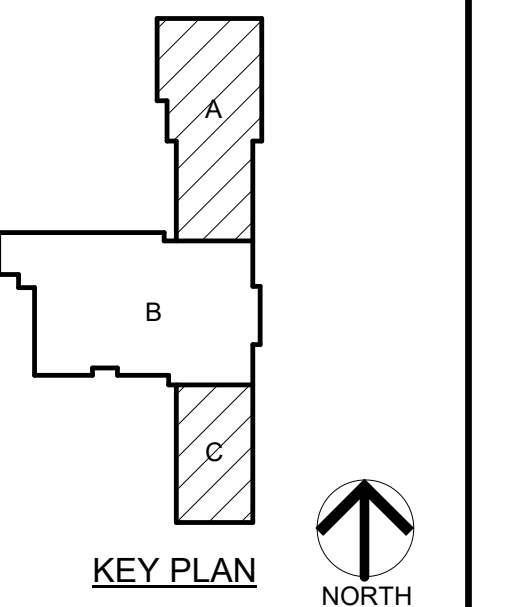
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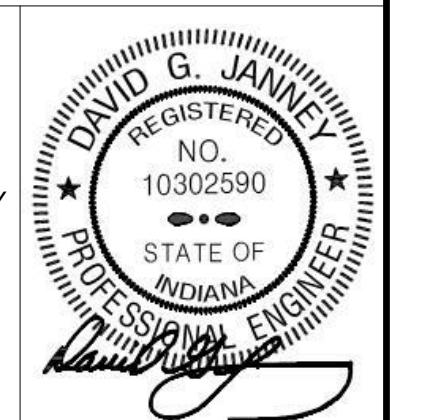


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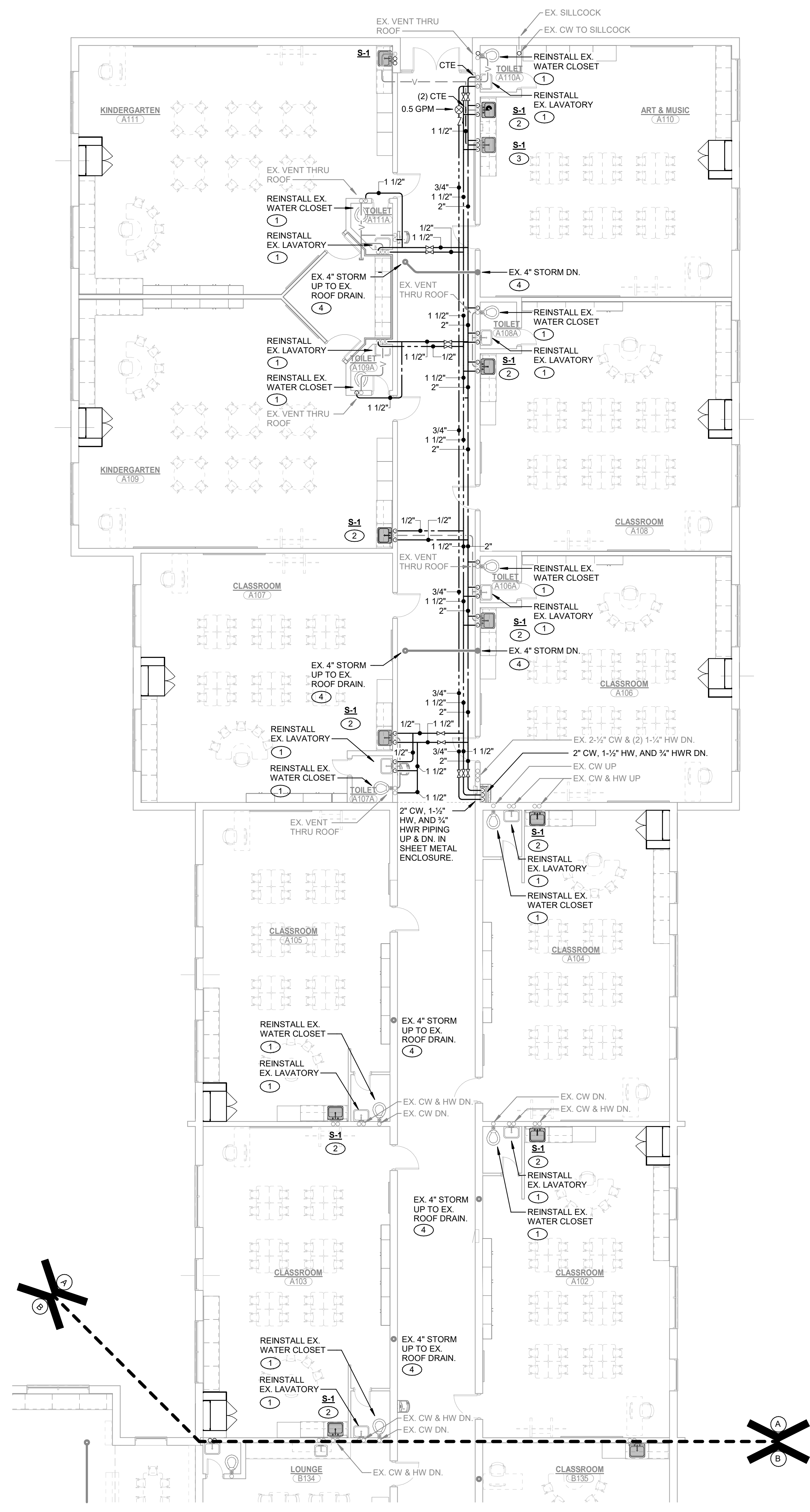
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DRAWING
UNIT "A" AND "C" FIRST FLOOR
PLUMBING PLAN

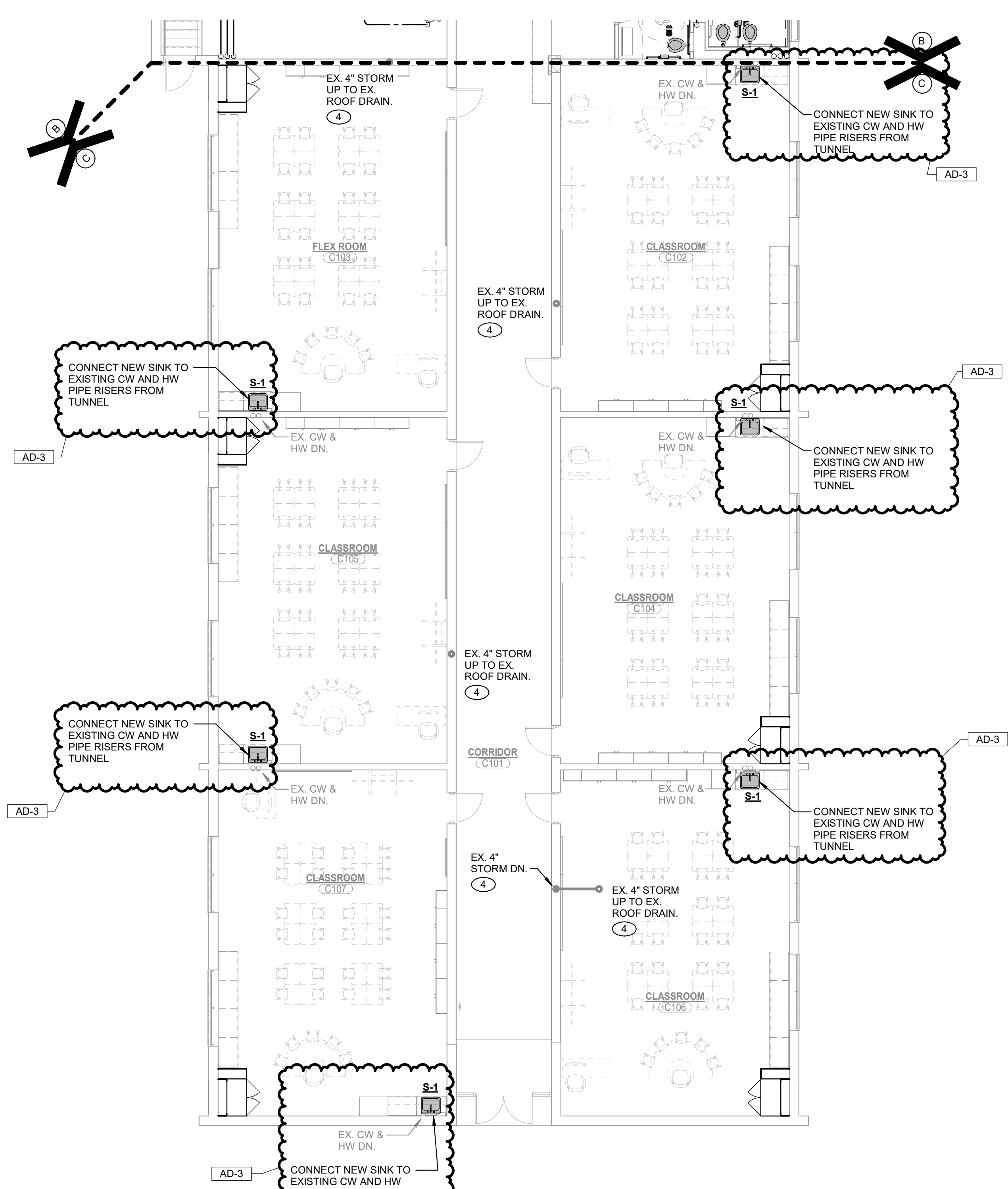
PROJECT
EASTVIEW ES RENOVATION AND
RELATED WORK

DRAWING
A & C
SHEET
P-113

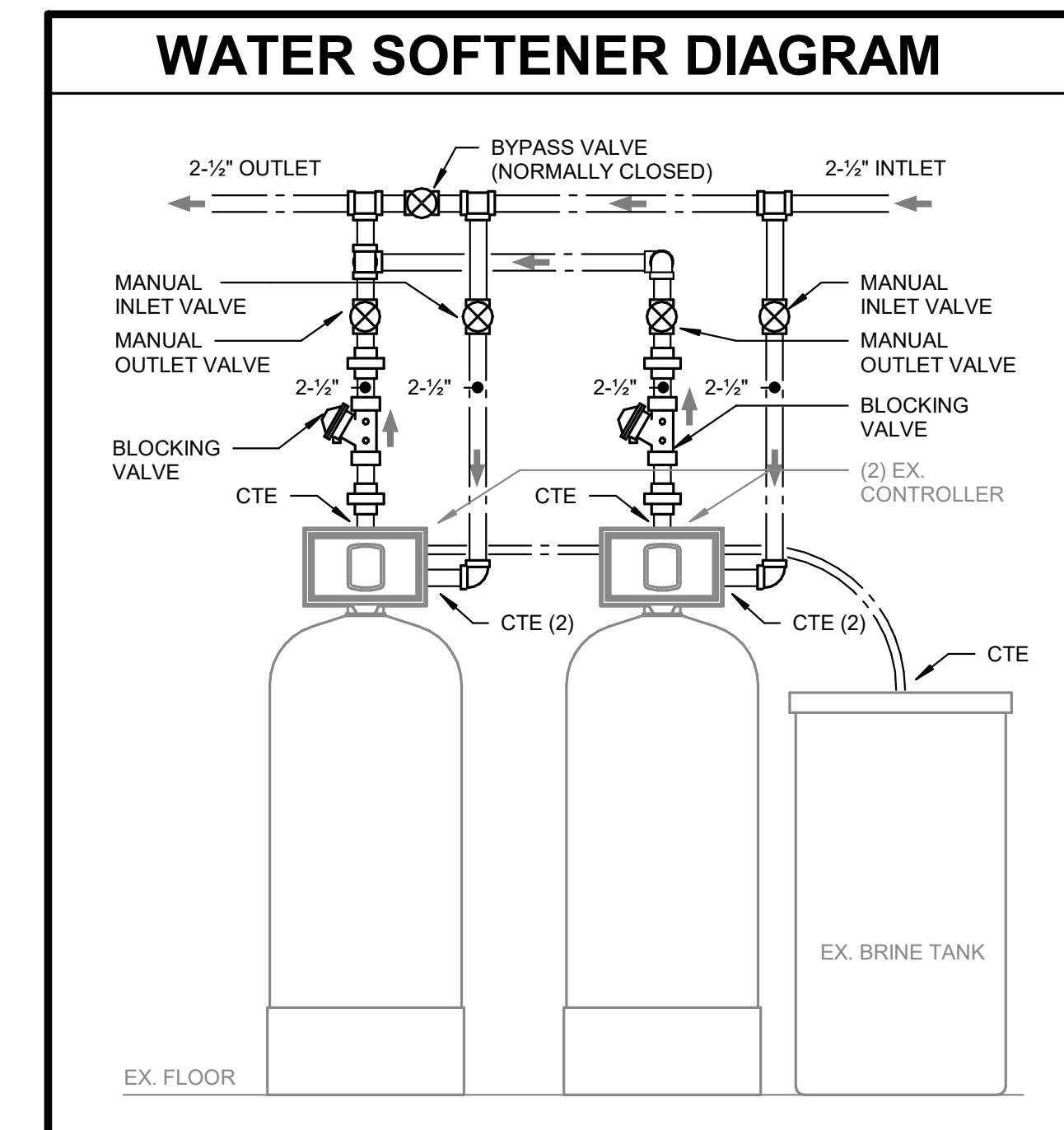
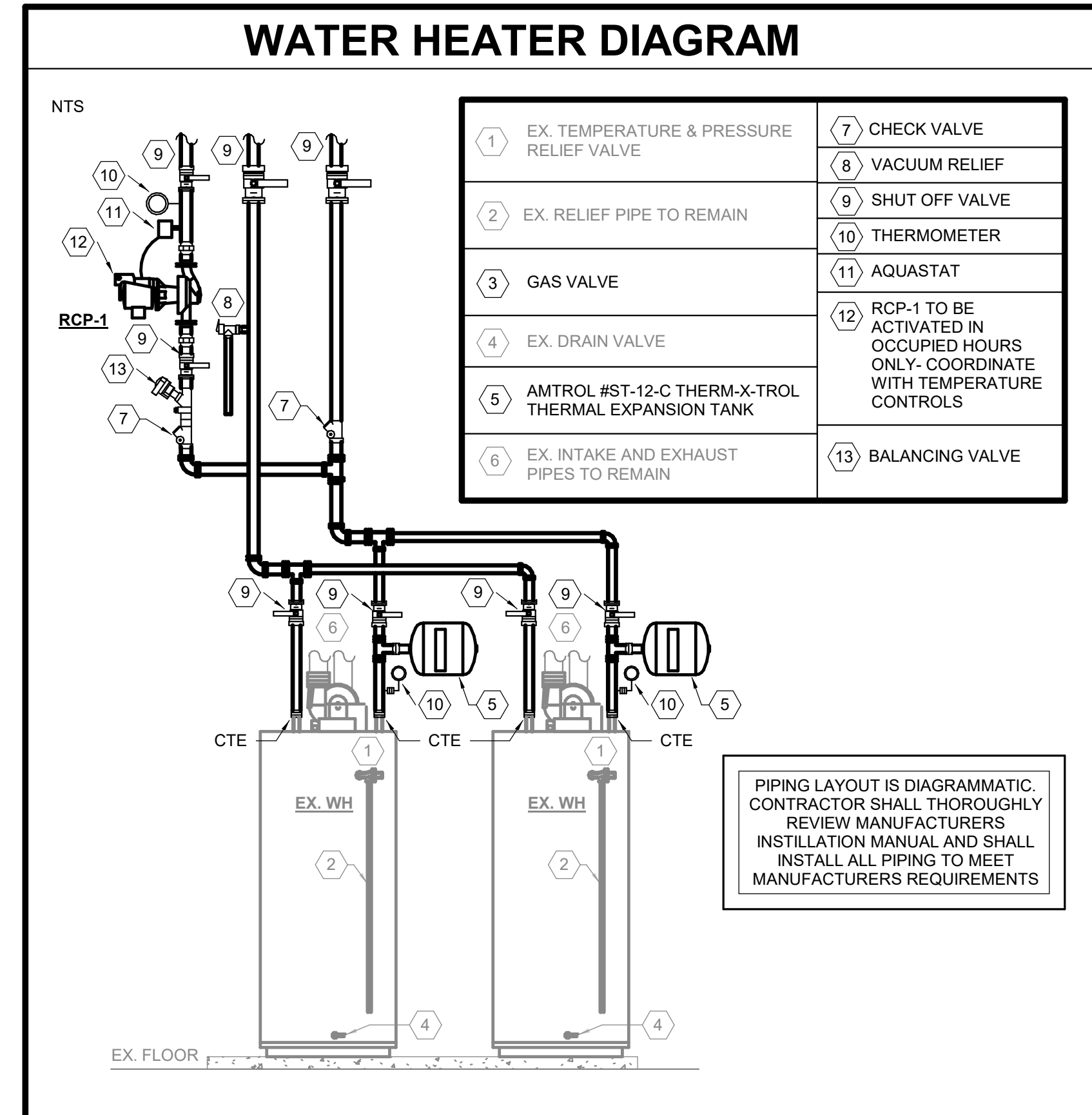
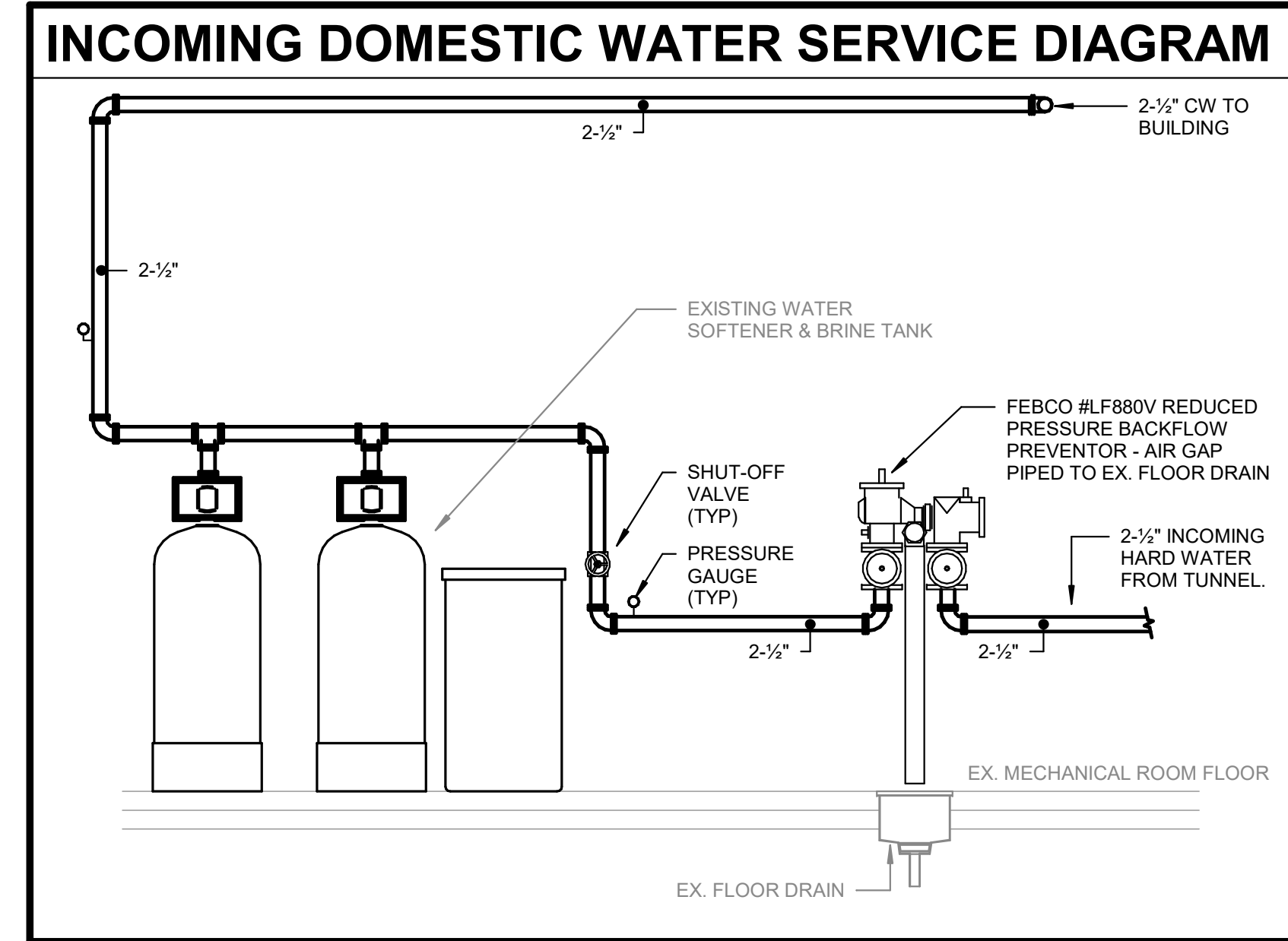
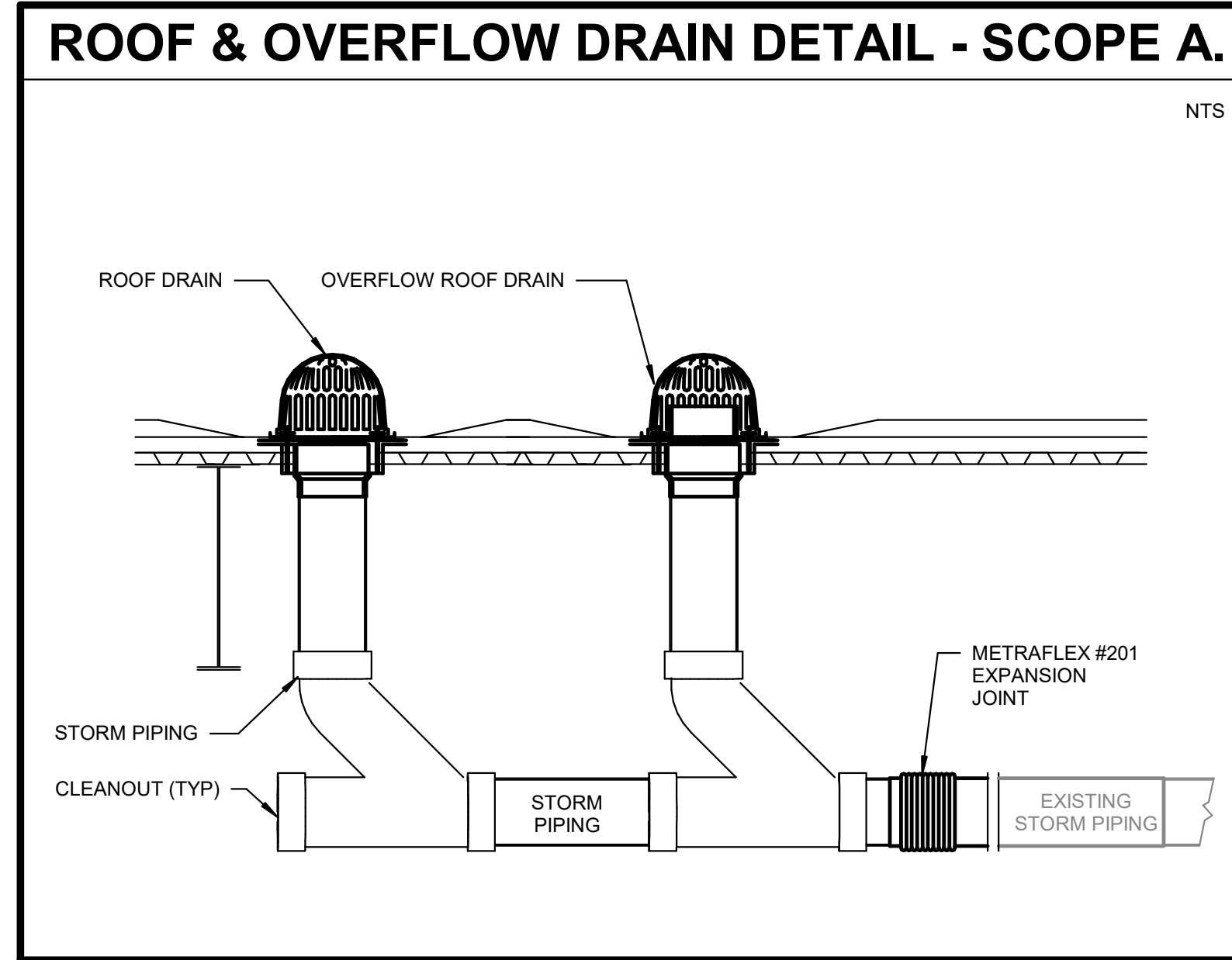
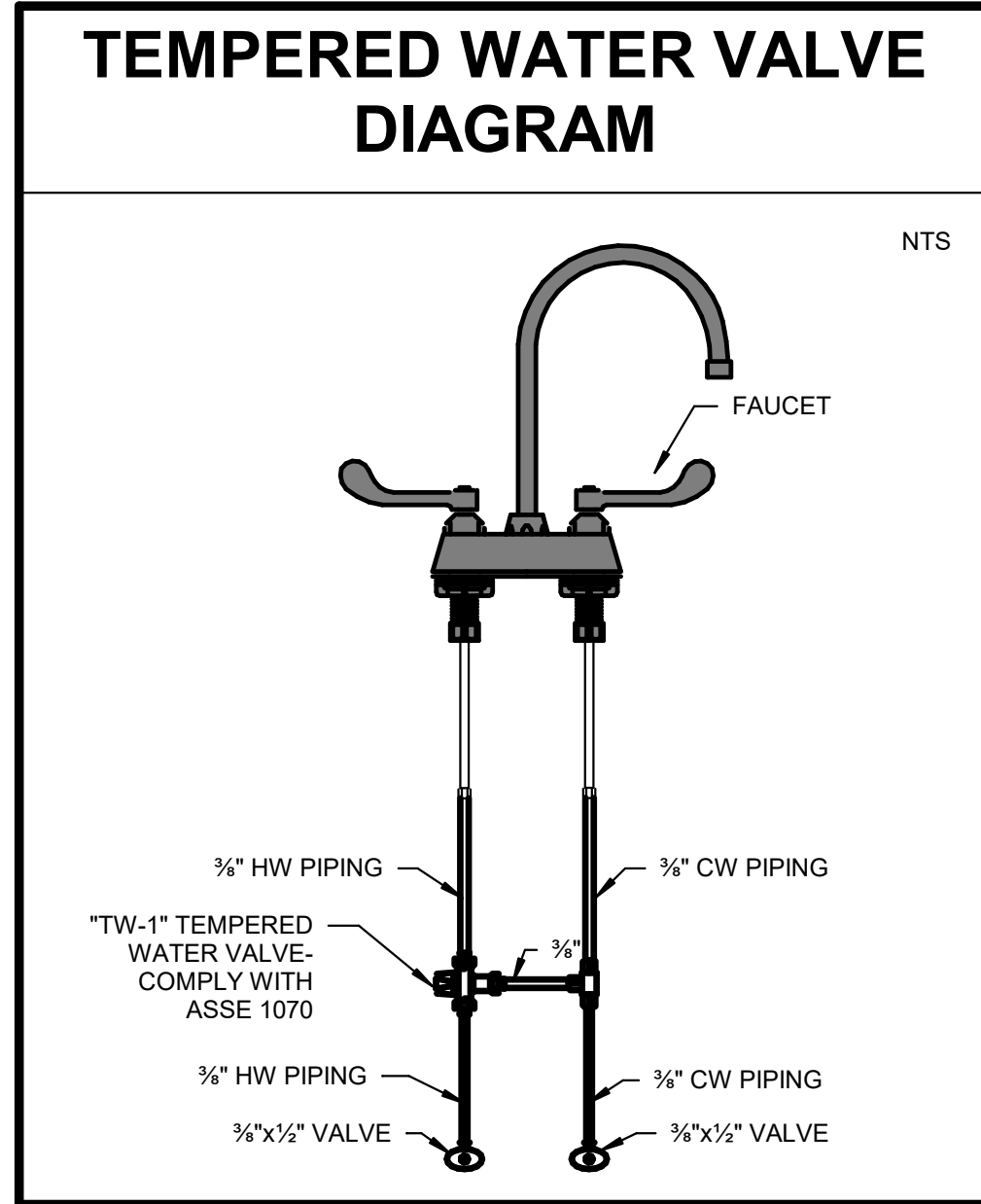
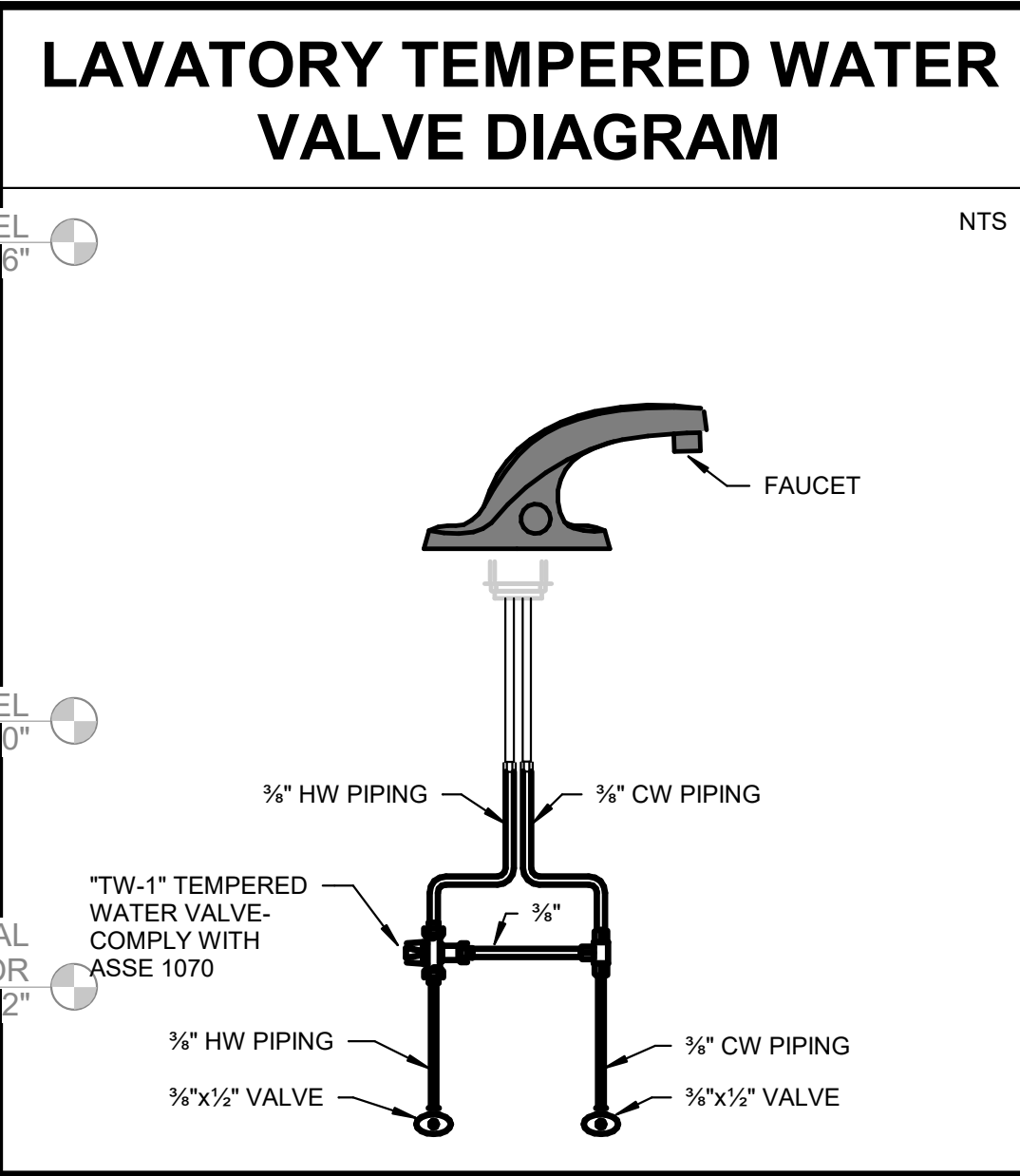
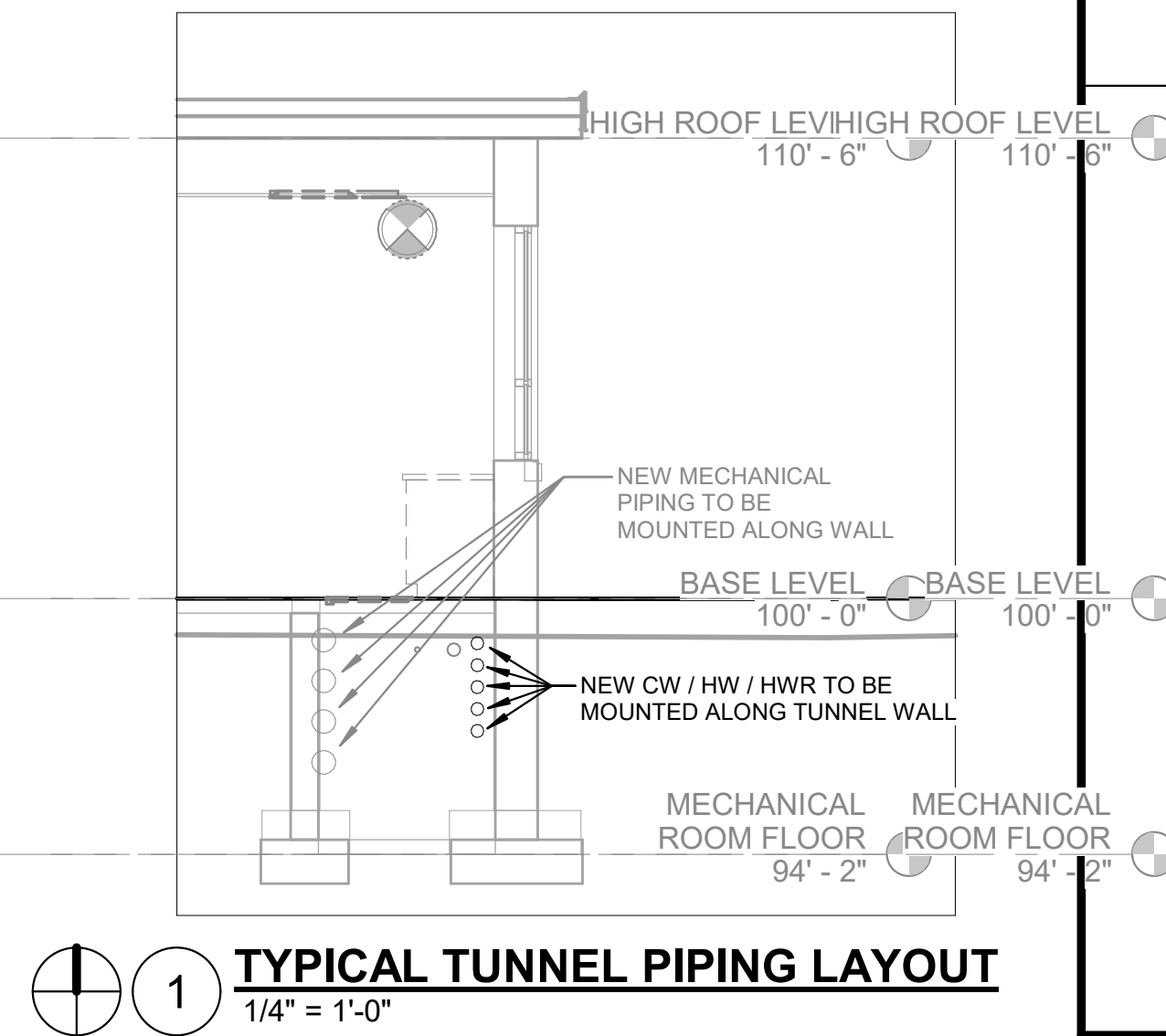
- SHEET NOTES**
1. REINSTALL EXISTING WATER CLOSET & LAVATORY. CONNECT TO EXISTING COLD WATER, HOT WATER, SANITARY AND VENT PIPING. COMPLETE AS REQUIRED.
 2. NEW SINK AND FAUCET. CONNECT TO EXISTING COLD WATER, HOT WATER, SANITARY AND VENT PIPING. COMPLETE AS REQUIRED.
 3. 1/2" COLD WATER, 1/2" HOT WATER & 1-1/2" VENT DOWN TO SINK.
 4. EXISTING STORM PIPING TO REMAIN. RE-INSULATE EXISTING HORIZONTAL STORM PIPING AND ROOF SUMP. COMPLETE AS REQUIRED.



UNIT "A" FIRST FLOOR PLUMBING PLAN
SCALE: 1/8" = 1'-0"



UNIT "C" FIRST FLOOR PLUMBING PLAN
SCALE: 1/8" = 1'-0"



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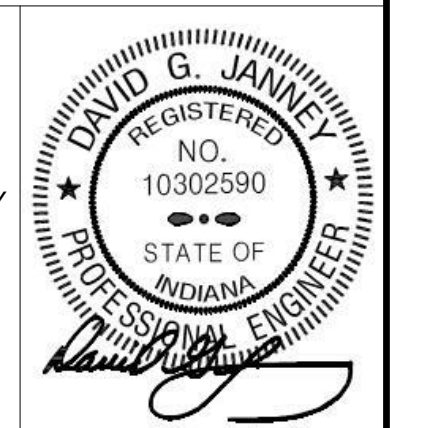
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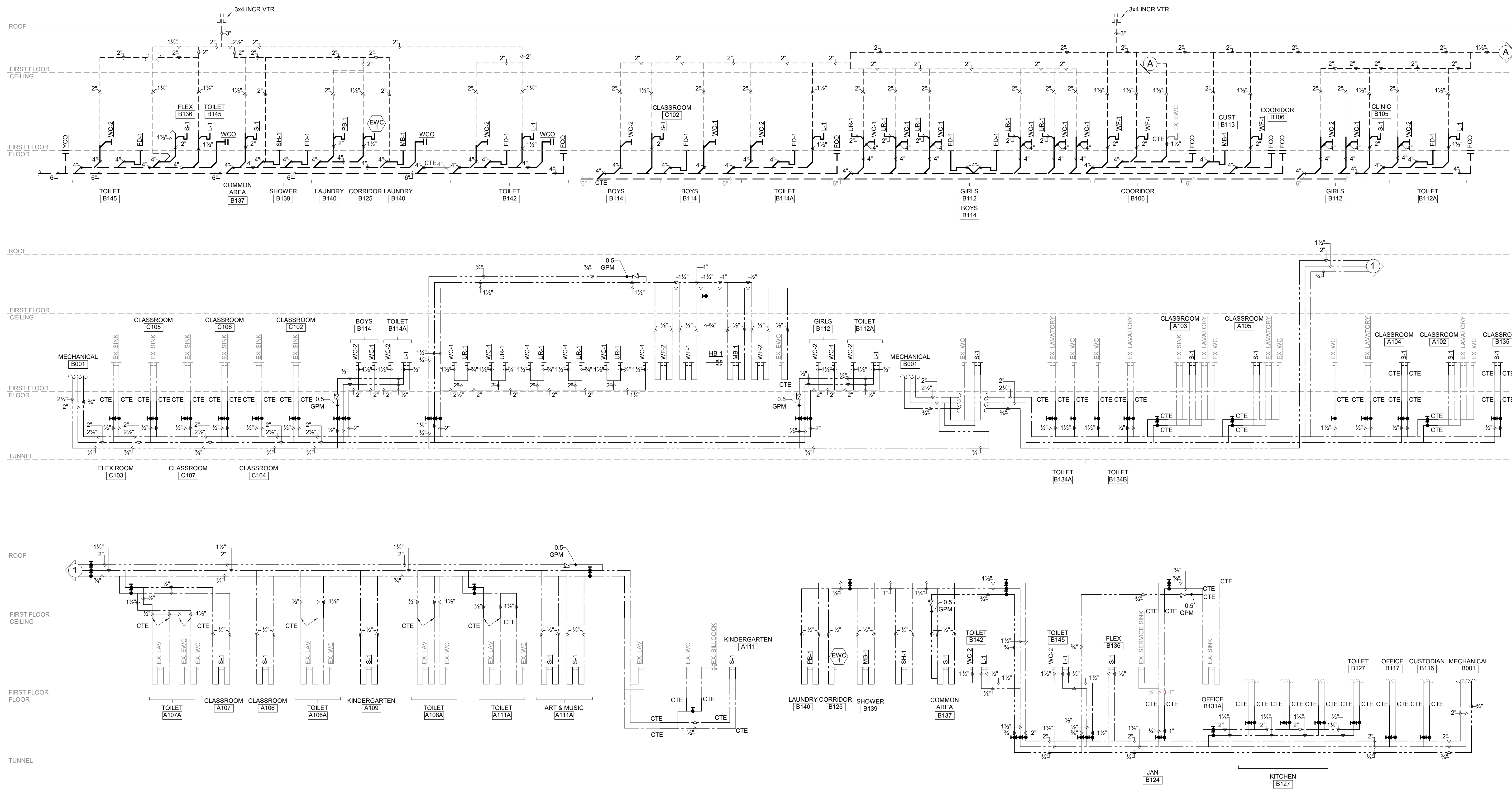
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DRAWING
PLUMBING DETAILS & DIAGRAMS

PROJECT
EASTVIEW ES RENOVATION AND RELATED WORK

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RISER DIAGRAM



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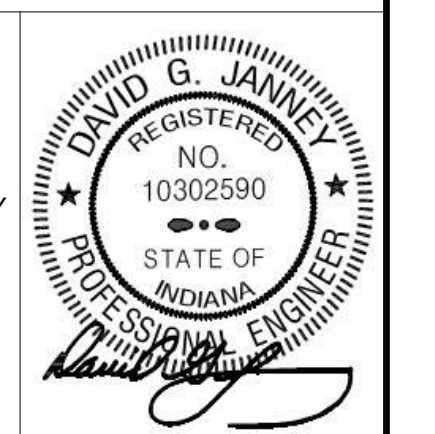
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DRAWING
**PLUMBING DETAILS &
DIAGRAMS**

PROJECT
**EASTVIEW ES RENOVATION AND
RELATED WORK**

AD-3
SHEET
P-602

ABBREVIATIONS LIST

A	AMPS
AC	AIR CONDITIONING
AFF	ABOVE FINISHED FLOOR
AFG	ABOVE FINISHED GRADE
BRKR	BREAKER
C	CONDUIT
CH	CABINET HEATER
CKT	CIRCUIT
DISTR	DISTRIBUTION
EF	EXHAUST FAN
ELEC	ELECTRICAL
EM	EMERGENCY
EMT	ELECTRICAL METALLIC TUBING
ER	EXISTING DEVICE TO BE REMOVED
EX	EXISTING DEVICE TO REMAIN
F	FUSE
F&I	FURNISH AND INSTALL
FS	FUSIBLE SWITCH
FVNR	FULL VOLTAGE, NON-REVERSING STARTER
G	GROUND
GFI	GROUND FAULT INTERRUPTING PROTECTION
GRC	GALVANIZED RIGID CONDUIT
HP	HORSEPOWER
J	JUNCTION BOX
KVA	KILOVOLT AMPERE
KW	KILOWATTS
LSI	LONG TIME, SHORT TIME, INSTANTANEOUS
LSIG	LONG TIME, SHORT TIME, INSTANTANEOUS, GROUND FAULT
MECH	MECHANICAL
MTD	MOUNTED
NE	NEW LOCATION OF EXISTING RELOCATED DEVICE
NIC	NOT IN CONTRACT
NL	NIGHTLIGHT
NTS	NOT TO SCALE
O/C	ON CENTER
P	POLE
PNL	PANEL
PH	PHASE
RR	REMOVE AND RELOCATE EXISTING DEVICE
SW	SWITCH
TYP	TYPICAL
UON	UNLESS OTHERWISE NOTED
V	VOLTS
VF	VERIFY IN FIELD
W	WATTS
WP	WEATHERPROOF TYPE DEVICE
WG	WIRE GUARD
RN	REMOVE AND REPLACE WITH NEW
NI	NEW INSTALL

SYMBOL LIST

EQUIPMENT AND WIRING

- JUNCTION BOX - SIZE AND TYPE AS REQUIRED.
- FLEX CONDUIT CONNECTION
- ELECTRICAL PANEL BOARDS.
- TRANSFORMER - SIZE AND TYPE AS REQUIRED
- SURGE SUPPRESSION DEVICE
- TELEPHONE TERMINAL BOARD
- CONDUIT STUB INTO ACCESSIBLE CEILING SPACE TERMINATE W/ INSULATING BUSHING
- CONDUIT CONCEALED ABOVE CEILING OR IN WALL
- CONDUIT CONCEALED IN OR BELOW FINISHED FLOOR.
- CONDUIT EXPOSED ON CEILING, WALL OR BAR JOIST - ROUTED IN NEAT MANNER
- FLEXIBLE CONDUIT - ROUTED IN NEAT MANNER WITHIN CHASE OF CASEWORK.
- HOMERUN TO PANEL INDICATING PANEL AND CIRCUIT BREAKER NUMBER WITHIN THE PANEL.
- INDICATES NUMBER OF CONDUCTORS IN CONDUIT (CONTRACTOR SHALL VERIFY AND INSTALL ADDITIONAL WHERE REQUIRED) CROSS HATCHED INDICATES NUMBER OF CONDUCTORS (HOT OR SWITCHED LEG, NEUTRAL, GROUND)
- SPLICE BOX, VERIFY EXACT SIZE IN FIELD.
- CONDUIT STUB UP OUT OF FLOOR
- SWING DOOR OPERATOR FURNISHED AND INSTALLED BY OTHERS, WIRED BY CONTRACTOR. COORDINATE ELECTRICAL LOCATION WITH DOOR HARDWARE SUPPLIER.

ALL DEVICES INDICATED WITH SHADED BOX BASE TO BE SURFACE MOUNTED TO THE EXISTING WALL ON WIREMOLD #2000 OR EQUAL IF SINGLE SERVICE, OR WIREMOLD #4000 IF DUAL SERVICES

SECURITY

- SURVEILLANCE CAMERA - (ACTI #E84) INTERIOR CEILING MOUNTED DOME CAMERA - PROVIDE 2-GANG BACK BOX WITH SINGLE GANG MUD RING WITH 3/4" C. ROUTED TO THE ACCESSIBLE CEILING SPACE. REFER TO SPECIFICATIONS FOR ADDITIONAL INFORMATION.
- SURVEILLANCE CAMERA - (ACTI #E88) INTERIOR CEILING MOUNTED DOME CAMERA - PROVIDE 2-GANG BACK BOX WITH SINGLE GANG MUD RING WITH 3/4" C. ROUTED TO THE ACCESSIBLE CEILING SPACE. REFER TO SPECIFICATIONS FOR ADDITIONAL INFORMATION.
- SURVEILLANCE CAMERA - (ACTI #E88) INTERIOR WALL MOUNTED DOME CAMERA - PROVIDE 2-GANG BACK BOX WITH SINGLE GANG MUD RING WITH 3/4" C. ROUTED TO THE ACCESSIBLE CEILING SPACE. REFER TO SPECIFICATIONS FOR ADDITIONAL INFORMATION.

SHEET SYMBOLS

- HEXAGON TAG REFERENCE TO EQUIPMENT CONNECTION SCHEDULE
- ELLIPSE TAG REFERENCE TO SHEET NOTES
- SQUARE TAG REFERENCE
- TWO DEVICE MOUNTED UNDER COMMON COVER. WHERE LOW VOLTAGE DEVICES ARE MOUNTED UNDER COMMON COVER, COMBINE CONDUIT STUBS MAINTAINING THE EQUIVALENT FREE AREA FOR THE LOW VOLTAGE CABLING.
- REMOVE EXISTING DEVICE AND PROVIDE NEW AS INDICATED IN EXISTING BACK BOX, JUNCTION BOX, ETC. VERIFY EXACT LOCATION AND CONDITIONS IN FIELD. MODIFY EXISTING BACK BOX, JUNCTION BOX, ETC. PROVIDE TRIM PLATES, EXTENSION RINGS, ETC. AS REQUIRED TO MOUNT NEW DEVICE AS INDICATED.
- F&I NEW DEVICE AS INDICATED.
- EXISTING LIGHTS, RECEPTABLES, SPECIAL SYSTEMS, DEVICE, ETC. TO REMAIN.
- EXISTING LIGHTS, RECEPTABLES, SPECIAL SYSTEMS, DEVICE, ETC. TO BE REMOVED COMPLETE IN ITS ENTIRETY. REMOVE ALL ASSOCIATED SURFACE MOUNTED CONDUIT, OUTLETS, ETC. AND BLANK-OFF FLUSH WITH NEW OR EXISTING CONSTRUCTION. SEE GENERAL NOTES AND SPECIFICATIONS FOR ADDITIONAL INFORMATION.
- REMOVE EXISTING LIGHTS, RECEPTABLES, SPECIAL SYSTEMS, DEVICES, ETC. AND RELOCATE TO NEW LOCATION COMPLETE AS REQUIRED.
- NEW LOCATION OF EXISTING RELOCATED LIGHTS, RECEPTABLES, SPECIAL SYSTEMS, DEVICE, ETC. EXTEND CONDUIT, WIRE, CABLE, ETC. COMPLETE AS REQUIRED TO NEW LOCATION FOR A COMPLETE AND PROPER INSTALLATION.

COMMUNICATIONS

- TELEPHONE OUTLET - WITH 3/4" CONDUIT STUBBED INTO ACCESSIBLE CEILING SPACE WITH INSULATED BUSHING - MOUNTED 18" A.F.F. WHEN MOUNTED ADJACENT TO AN ELECTRICAL RECEPTACLE OR AS NOTED. PROVIDE CAT-6 PLENUM CABLE. FROM EACH JACK, TO NEAREST IDF OR MDF LOCATION INDICATED ON PLANS. TERMINATE WITH RJ-45 JACK. TEST AND LEAVE 10' SLACK LENGTH.
- DUPLEX DATA OUTLET - WITH 3/4" CONDUIT STUBBED INTO ACCESSIBLE CEILING SPACE WITH INSULATED BUSHING - MOUNTED 18" A.F.F. WHEN MOUNTED ADJACENT TO AN ELECTRICAL RECEPTACLE OR AS NOTED. PROVIDE CAT-6 PLENUM CABLE. FROM EACH JACK, TO NEAREST IDF OR MDF LOCATION INDICATED ON PLANS. TERMINATE WITH RJ-45 JACK. TEST AND LEAVE 10' SLACK LENGTH.
- DUPLEX DATA OUTLET FOR WIRELESS ACCESS POINTS - LOCATED ABOVE ACCESSIBLE CEILING SPACE AND 6" ABOVE THE GRID OR TIGHT TO THE ROOF DECK WHERE NO CEILINGS EXIST. PROVIDE 3/4" CONDUIT STUBBED INTO ACCESSIBLE CEILING SPACE WITH INSULATED BUSHING. PROVIDE CAT-6 PLENUM CABLE. FROM EACH JACK, TO NEAREST IDF OR IDF LOCATION INDICATED ON PLANS. TERMINATE WITH RJ-45 JACK. TEST AND LEAVE 10' SLACK LENGTH.
- DUPLEX DATA OUTLET MOUNTED IN WIREMOLD #525 SERIES ABOVE FLOOR BOX. PROVIDE FLOOR BOX AND ADAPTER TO MOUNT TO BOX. ROUTE 3/4" CONDUIT INTO ACCESSIBLE CEILING SPACE WITH INSULATED BUSHING. PROVIDE CAT-6 PLENUM CABLE. FROM EACH JACK, TO NEAREST IDF OR MDF LOCATION INDICATED ON PLANS. TERMINATE WITH RJ-45 JACK. TEST AND LEAVE 10' SLACK LENGTH.

FIRE ALARM

- NOTE: FIRE ALARM DEVICES, MOUNTING HEIGHT, ETC. SHALL COMPLY WITH 'ADA' STANDARDS.
- MOTORIZED DAMPER - E.C. TO INTERLOCK COMPLETE AS REQUIRED.
- FIRE ALARM CONTROL PANEL
- FIRE ALARM PULL STATION MTD 42" AFF.
- FIRE ALARM AUDIO/VISUAL DEVICE MTD. 80" A.F. OR 6" BELOW FINISHED CEILING WHICHEVER IS LOWER. - 110 CANDELA
- FIRE ALARM STROBE ONLY MTD 80" AFF. - 75 CANDELA
- FIRE ALARM STROBE ONLY MTD 80" AFF. - 75 CANDELA
- FIRE ALARM SYSTEM HEAT DETECTOR - COMBINATION TYPE (R/R - FIXED TEMP.) IN BOILER ROOM
- FIRE ALARM SYSTEM SMOKE DETECTOR - CEILING MOUNTED - ABOVE FACP
- FIRE ALARM SYSTEM DUCT TYPE SMOKE DETECTOR WIRED TO CONTROL LOCAL FAN SHUT DOWN RELAY - DUCT DETECTOR TO BE MOUNTED IN AIR DUCT SYSTEM AND WIRED PER MANUFACTURER'S RECOMMENDATIONS AND NFPA 72
- FIRE PROTECTION SPRINKLER FLOW SWITCH
- FIRE PROTECTION SPRINKLER TAMPER SWITCH

LIGHTING

- EMERGENCY BATTERY LIGHT MOUNTED 7'-6" AF (OR AS NOTED)
- REMOTE EMERGENCY BATTERY LIGHT MOUNTED 7'-6" AF (OR AS NOTED)
- FIXTURE ON EMERGENCY CIRCUIT (EM/NL) WITH 90 MINUTE, FULL LUMEN OUTPUT BATTERY UNIT OR INVERTER. BODINE #830 (FLUORESCENT), BODINE FACTORY INSTALLED DRIVER (LED) OR MYERS #LV SERIES INVERTER (FLUORESCENT OR LED). REMOTE MOUNT IN ACCESSIBLE CEILING WHERE INTERNAL INSTALLATION IS NOT POSSIBLE (PROVIDE TEST SWITCH & ALL NECESSARY APPURTENANCES).
- SINGLE FACE, EXIT SIGN WITH RED LETTERING

RECEPTABLES

- 120V-20A SPECIFICATION GRADE DUPLEX RECEPTACLE - (MOUNTED 18" A.F.F. OR AS NOTED) (HUBBELL #5362 OR EQUAL), TAMPER-RESISTANT.
- 120V-20A SPECIFICATION GRADE DUPLEX RECEPTACLE - (MOUNTED 42" A.F.F. OR 2" ABOVE BACKSPASH IF LOCATED ABOVE COUNTER) (HUBBELL #5362 OR EQUAL), TAMPER-RESISTANT.
- 120V-20A SPECIFICATION GRADE DUPLEX RECEPTACLE - (MOUNTED AT SPECIAL HEIGHT - COORDINATE IN FIELD) (HUBBELL #5362 OR EQUAL), TAMPER-RESISTANT.
- 120V-20A SPECIFICATION GRADE GROUNDED DUPLEX RECEPTACLE WITH G.F.I. PROTECTION (MOUNTED 18" A.F.F. OR AS NOTED) (HUBBELL #GF20 OR EQUAL), TAMPER-RESISTANT.
- 120V-20A SPECIFICATION GRADE GROUNDED DUPLEX RECEPTACLE WITH G.F.I. PROTECTION (MOUNTED 42" A.F.F. OR 2" ABOVE BACKSPASH IF LOCATED ABOVE COUNTER) (HUBBELL #GF20 OR EQUAL), TAMPER-RESISTANT.
- SPECIAL PURPOSE OUTLET (AS NOTED ON PLAN OR SPECIFICATIONS), TAMPER-RESISTANT.
- 120V-20A SPECIFICATION GRADE DUPLEX RECEPTACLE WITH TWO (2) INTEGRAL USB JACKS. MOUNTED 18" A.F.F. OR AS NOTED. PROVIDE PASS AND SEYMOUR #TR5362US OR APPROVED EQUAL. TAMPER-RESISTANT.
- TEACHER PANEL WITH TWO (2) DUPLEX RECEPTABLES (TAMPER-RESISTANT) AND SEPARATE BACK BOX WITH LOW VOLTAGE JACKS AND COVER PLATE. REFER TO TECHNOLOGY SHEETS FOR ADDITIONAL INFORMATION.
- FLUSH IN WALL "TV" PANEL CONSISTING WITH ONE (1) DUPLEX RECEPTACLE MOUNTED IN A BACK BOX. PROVIDE SEPARATE 2-GANG BACK BOX WITH DATA JACK AND CABLING BACK TO IDF/MDF AS INDICATED IN THE DATA JACK SYMBOL SCHEDULE. CONDUIT TO ACCESSIBLE CEILING SPACE WITH INSULATED BUSHING. MOUNT DEVICE 18" A.F.F. AND COORDINATE MOUNTING HEIGHT WITH THE ARCHITECTURAL ELEVATIONS. TAMPER-RESISTANT.

SWITCHING

- FURNISH AND INSTALL TWO BUTTON ON/OFF SWITCH MTD 42" AFF. SENSORSWITCH #SP0DM OR APPROVED EQUAL BY COOPER OR HUBBELL CONTROLS. PROVIDE WITH POWER PACK AS REQUIRED FOR CONTROL OF FIXTURES.
- FURNISH AND INSTALL TWO BUTTON ON/OFF 3-WAY SWITCH MTD 42" AFF. SENSORSWITCH #SP0DM OR APPROVED EQUAL BY COOPER OR HUBBELL CONTROLS. PROVIDE WITH POWER PACK AS REQUIRED FOR CONTROL OF FIXTURES.
- FURNISH AND INSTALL TWO BUTTON ON/OFF 4-WAY SWITCH MTD 42" AFF. SENSORSWITCH #SP0DM OR APPROVED EQUAL BY COOPER OR HUBBELL CONTROLS. PROVIDE WITH POWER PACK AS REQUIRED FOR CONTROL OF FIXTURES.
- FURNISH AND INSTALL WALL SWITCH SINGLE BUTTON DUAL TECHNOLOGY OCCUPANCY SENSOR WITH MANUAL ON OPERATION MTD 42" AFF. SENSORSWITCH #WSK-POT OR APPROVED EQUAL BY COOPER OR HUBBELL CONTROLS.
- WALL MOUNTED 0-10V DIMMER SWITCH MTD 42" AFF. SENSORSWITCH, COOPER OR HUBBELL CONTROLS. VERIFY SUITABILITY OF DIMMER WITH FIXTURE MANUFACTURER PRIOR TO ORDERING.
- FURNISH AND INSTALL CEILING MOUNTED DUAL TECHNOLOGY OCCUPANCY SENSOR WITH POWER PACK. MANUFACTURERS: SENSORSWITCH #CM-PDT-10-MP-20 (WITH MICROPHONICS) OR APPROVED EQUAL BY COOPER OR HUBBELL CONTROLS. SENSOR SHALL BE PROGRAMMED FOR MANUAL ON UNLESS OTHERWISE NOTED.
- MANUAL STARTING SWITCH WITH THERMAL OVERLOAD PROTECTION
- SWITCH W/ PILOT LIGHT HANDLE MTD. 42" AFF



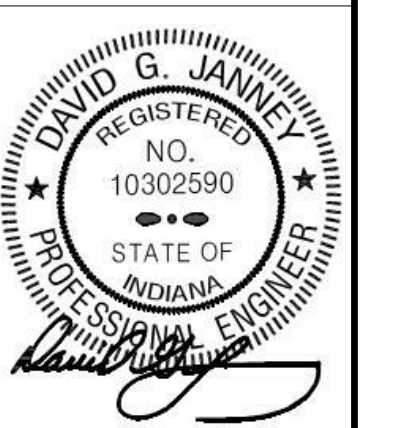
PROJECT:
EASTVIEW ES RENOVATION AND RELATED WORK
 FAYETTE COUNTY SCHOOL CORPORATION
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CONSTRUCTION DOCUMENTS
 3/16/26

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PROJECT
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 BK
 DRAWN BY
 CJ
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DRAWING
 ELECTRICAL SYMBOLS &
 ABBREVIATIONS

PROJECT
 EASTVIEW ES RENOVATION AND
 RELATED WORK

GIBRALTAR DESIGN SHEET

E-002



GIBRALTAR
DESIGN

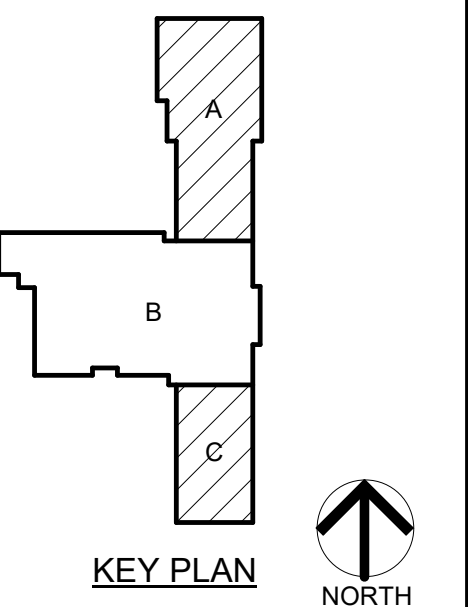
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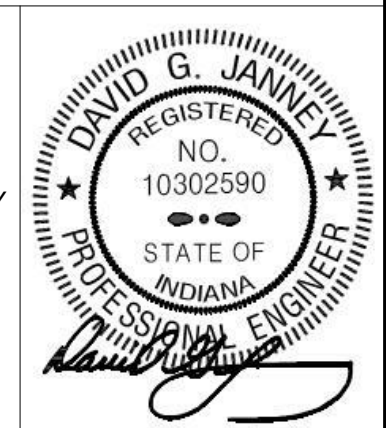
KEY PLAN
NORTH

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PROJECT
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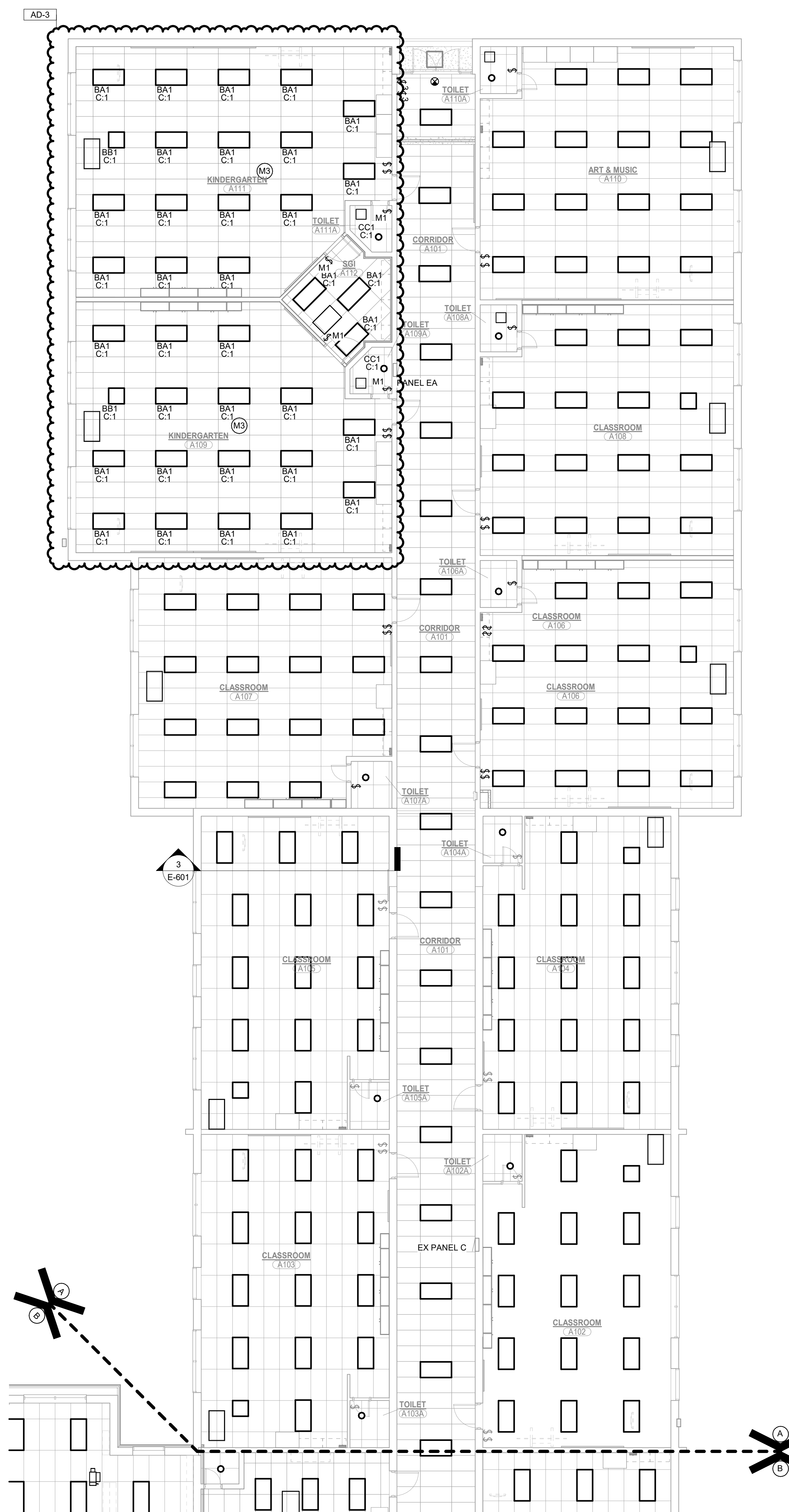
DRAWING
**UNIT "A" AND "C" FIRST FLOOR
ELECTRICAL LIGHTING PLAN**

PROJECT
EASTVIEW ES RENOVATION AND
RELATED WORK

GIBRALTAR DESIGN SHEET
A & C EL101

GENERAL NOTES

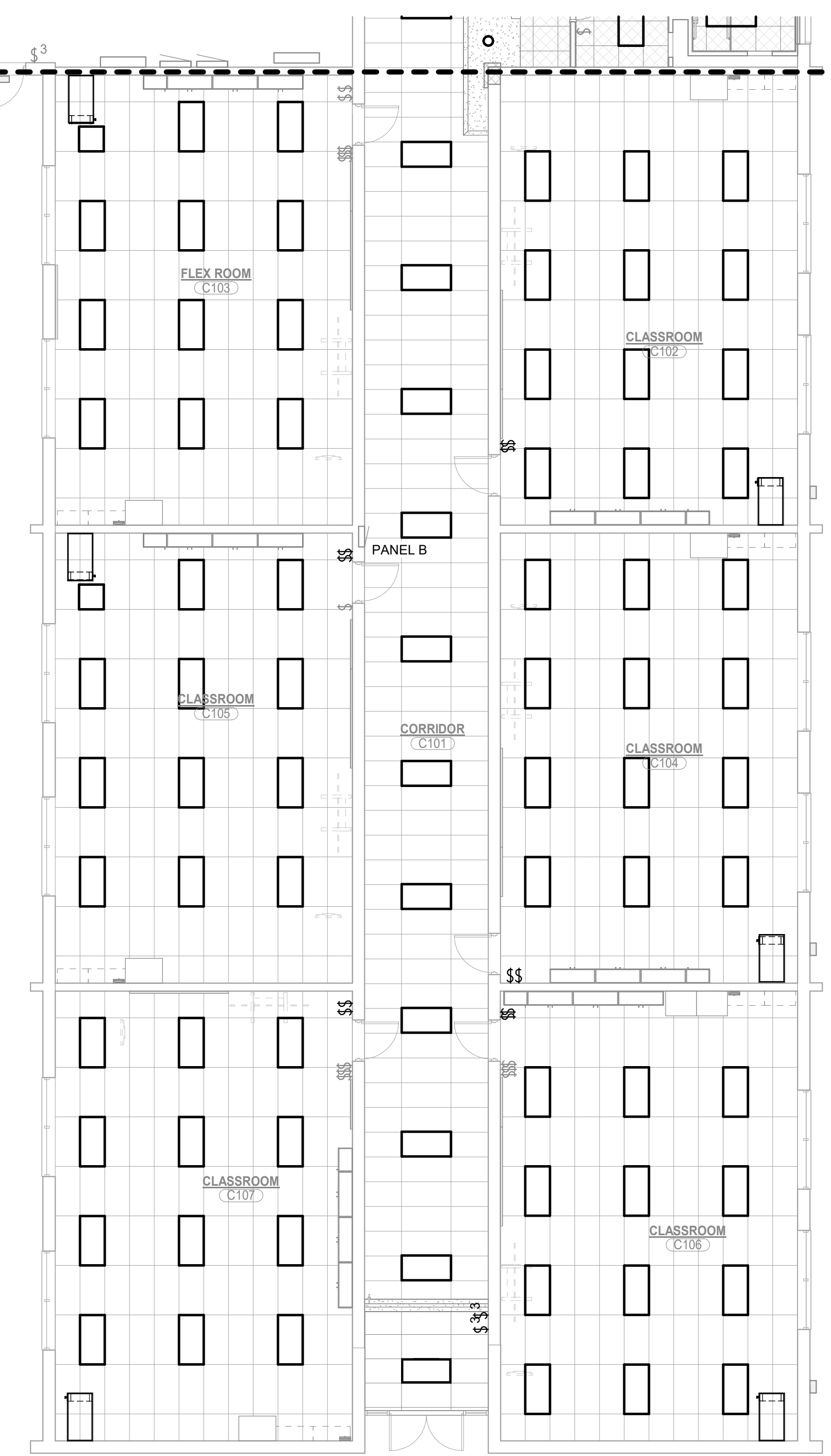
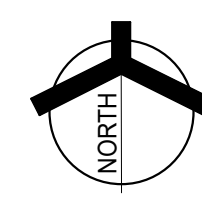
1. PROVIDE NEW LIGHTING CONTROLS AS INDICATED AND INSTALL OWNER-PROVIDED LIGHT FIXTURES (TAGGED WITH FIXTURE TYPE) IN ROOMS WITH NEW GRID PER SHEET A-901.
2. IN AREAS WHERE FIXTURES ARE SHOWN WITHOUT FIXTURE TAGS, OWNER IS TO PROVIDE NEW LIGHT FIXTURES AND CONTROLS.
3. REFER TO SHEET ED101 KEY NOTE 4 FOR EXISTING LIGHTING CIRCUIT CHANGES. REFER TO PANEL SCHEDULES FOR REVISED CIRCUITING AND REDIRECT FORMER LIGHTING CIRCUITS TO NEW LOADS.



"UNIT A" FIRST FLOOR ELECTRICAL LIGHTING CEILING PLAN

1
EL101

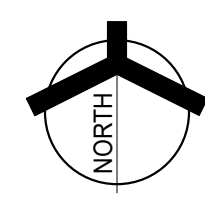
SCALE: 1/8" = 1'-0"



UNIT "C" FIRST FLOOR ELECTRICAL LIGHTING CEILING PLAN

2
EL101

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





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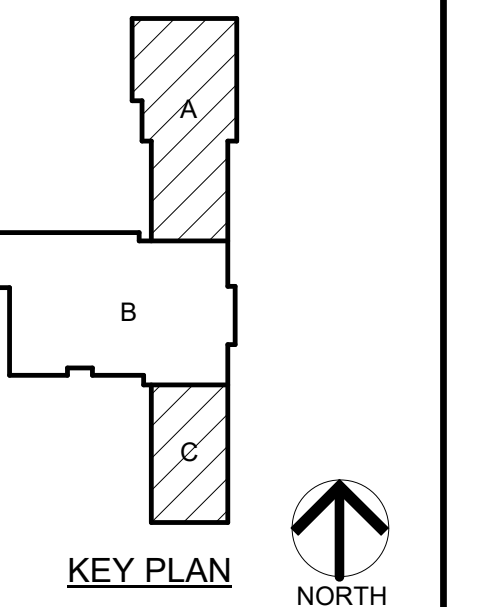
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RENOVATION
AND RELATED
WORK**

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CORPORATION
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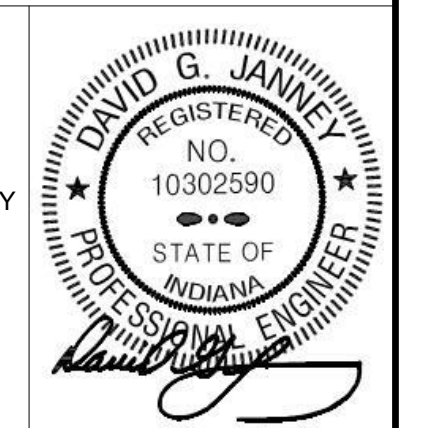
KEY PLAN

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DRAWING
UNIT "A" AND "C" FIRST FLOOR
ELECTRICAL POWER PLAN

PROJECT
EASTVIEW ES RENOVATION AND
RELATED WORK

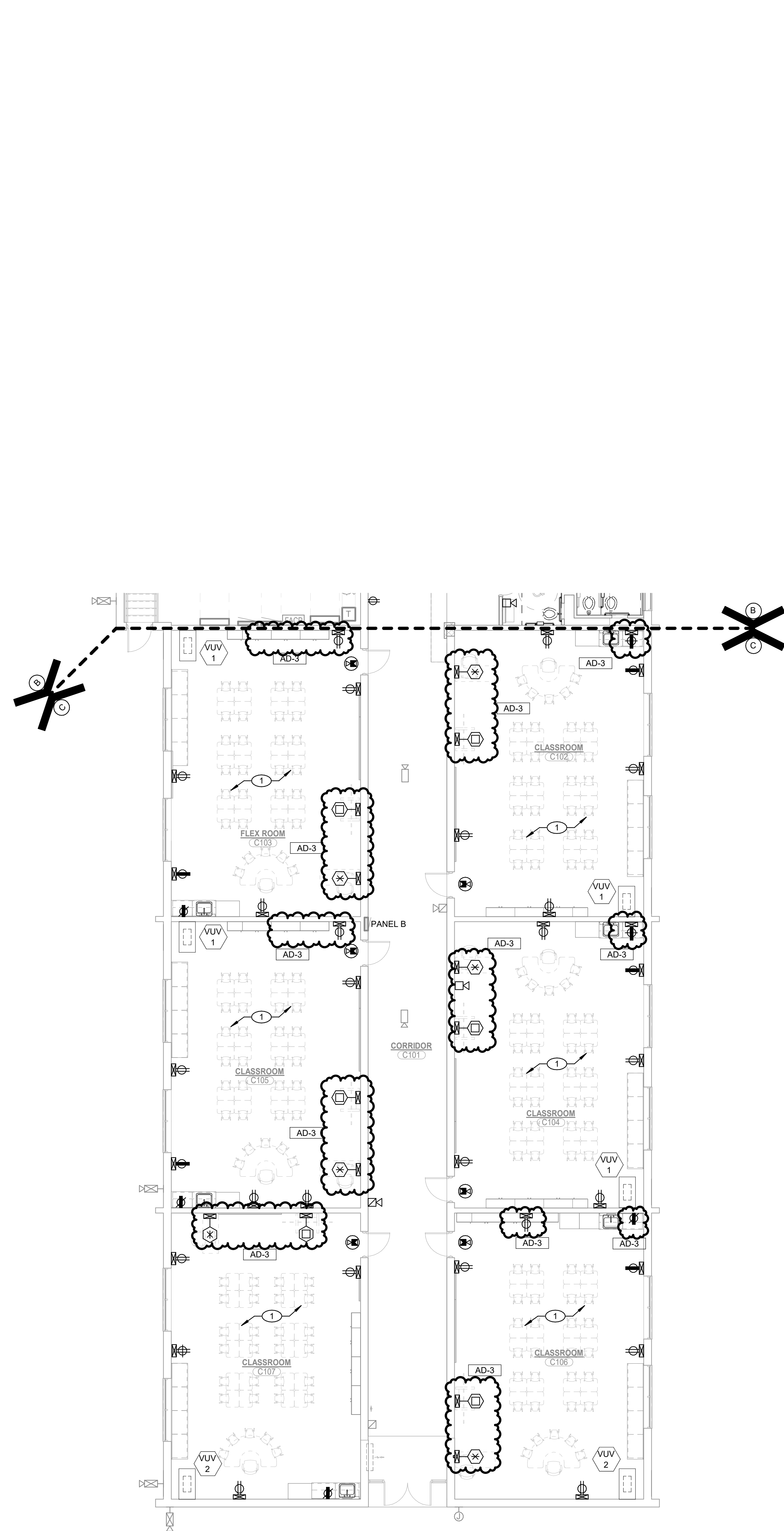
GIBRALTAR DESIGN SHEET
A & C EP101

GENERAL NOTES

- CAREFULLY REVIEW EXISTING CONDUITS, DEVICES, ETC. IN ROOMS ALONG WITH DRAWINGS TO REVIEW FOR CONFLICTS. REMOVE AND RELOCATE CONDUITS, DEVICES, BOXES, CLOCKS, INTERCOM SPEAKERS, SOUND REINFORCEMENT SYSTEM SPEAKERS, BELLS, STRUCTURED CABLING, FIRE ALARM, OTHER EXISTING ELECTRICAL SYSTEMS, ETC. AS REQUIRED TO ACCOMMODATE ARCHITECTURAL, CEILING WORK, MECHANICAL, CASEWORK REVISIONS IN INDIVIDUAL ROOMS, ETC. COMPLETE AS REQUIRED.
- REFER TO SHEETS EL101F FOR LIGHTING AND CONTROLS TO BE REMOVED AND REPLACED WITH NEW.
- REFER TO SINGLE-LINE DIAGRAM FOR PANELBOARDS TO BE REPLACED AND OTHER POWER DISTRIBUTION WORK.
- DISCONNECT AND REMOVE EXISTING ELECTRICAL DEVICES, EQUIPMENT, LIGHTING, WIRING, ETC. AS REQUIRED TO FACILITATE DEMOLITION AND RECONSTRUCTION WORK. COORDINATE WITH GENERAL CONSTRUCTION. THE CONTRACTOR IS HEREBY ADVISED THAT THESE DRAWINGS MAY NOT INDICATE ALL EXISTING WIRING AND/OR EQUIPMENT WHICH MUST BE REMOVED, REWORKED, RELOCATED, ETC. TO ACCOMMODATE DEMOLITION AND RECONSTRUCTION WORK IN THE EXISTING BUILDING.
- ALL TELECOMMUNICATION DEVICES SHOWN ON PLAN ARE FOR REFERENCE ONLY. REFER TO TELECOM PLANS FOR DIRECTION FOR TELECOMMUNICATION SCOPE.
- EXISTING MECHANICAL EQUIPMENT TO REMAIN, UNLESS NOTED OTHERWISE.

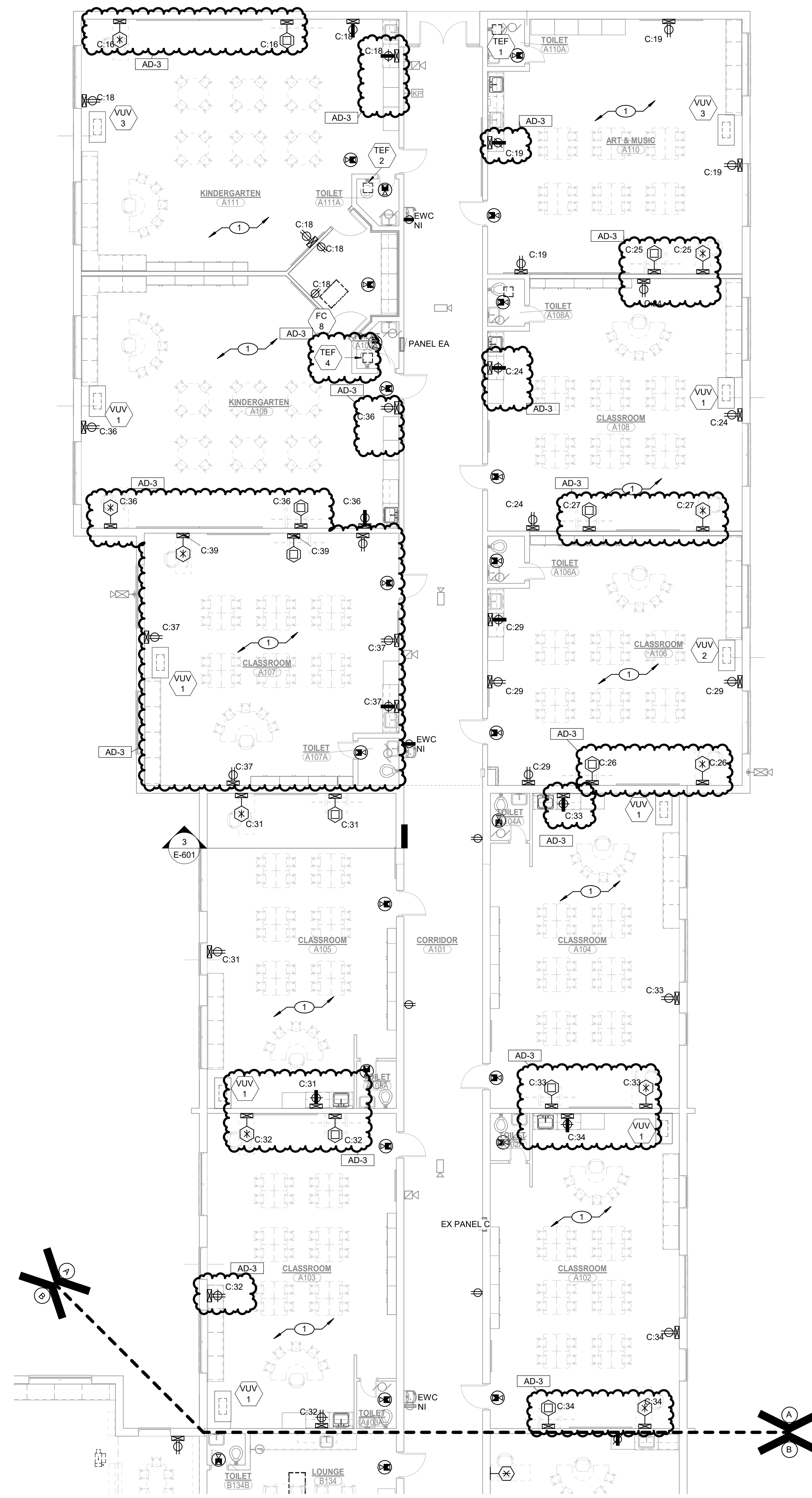
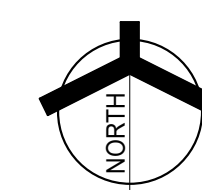
SHEET NOTES

- TYPICAL SCOPE A: PROVIDE PRICING TO REPLACE ALL EXISTING AND NEW RECEPTACLES WITH NEW TAMPER RESISTANT RECEPTACLES THROUGHOUT THE BUILDING.



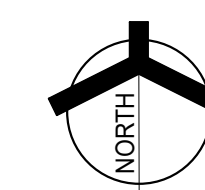
UNIT "C" FIRST FLOOR ELECTRICAL POWER PLAN

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



UNIT "A" FIRST FLOOR ELECTRICAL POWER PLAN

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



SHEET NOTES

1. TYPICAL SCOPE A: PROVIDE PRICING TO REPLACE ALL EXISTING AND NEW RECEPTACLES WITH NEW TAMPER RESISTANT RECEPTACLES THROUGHOUT THE BUILDING.



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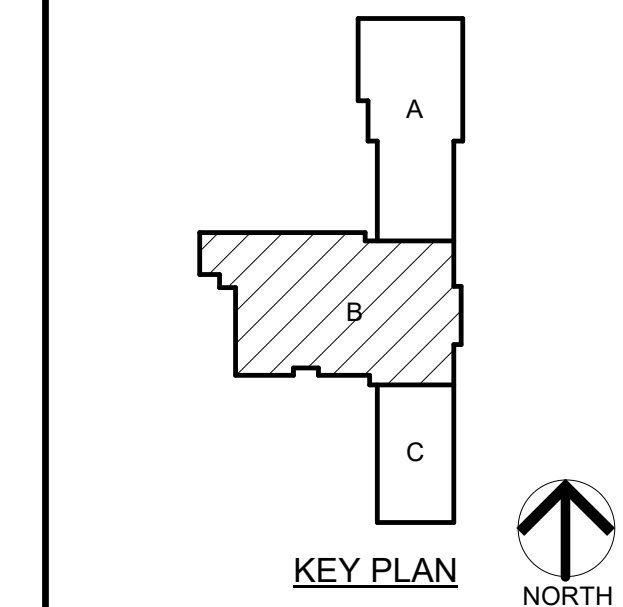
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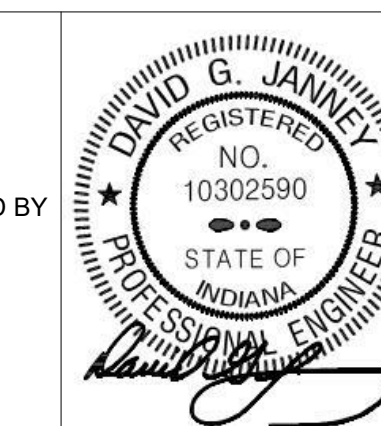


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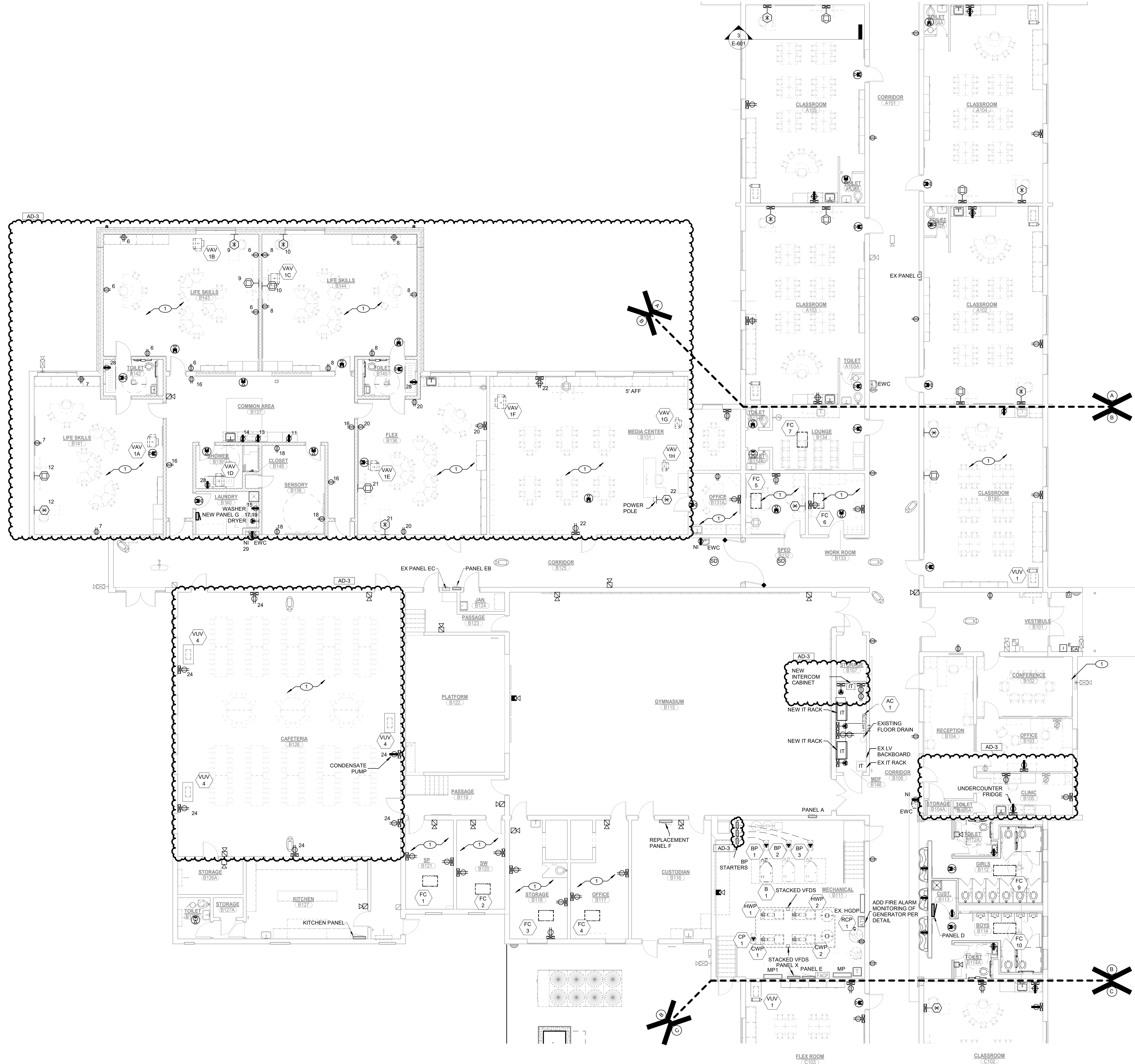
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DRAWING
UNIT "B" FIRST FLOOR
ELECTRICAL POWER PLAN

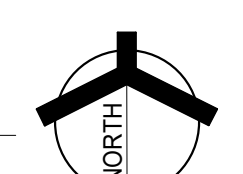
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UNIT "B" FIRST FLOOR ELECTRICAL POWER PLAN

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



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PROJECT 23-153 DATE 03/16/26 COORDINATED BY BK DRAWN BY CJ CHECKED BY DJ

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DRAWING PANEL SCHEDULES

PROJECT EASTVIEW ES RENOVATION AND RELATED WORK

GIBRALTAR DESIGN SHEET

E-501

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EX PANEL C LOCATION: CORRIDOR A101 VOLTS: 120/240 Single SUPPLY FROM: MP1 PHASES: 1 MOUNTING: RECESSED MAINS TYPE: MLO ENCLASURE: NEMA-1 MAIN RATING: 225 A A.I.C. RATING: 22000 A BUSSING: COPPER

EX PANEL B LOCATION: CORRIDOR C101 VOLTS: 120/240 Single SUPPLY FROM: MP1 PHASES: 1 MOUNTING: RECESSED MAINS TYPE: MLO ENCLASURE: NEMA-1 MAIN RATING: 225 A A.I.C. RATING: 22000 A BUSSING: COPPER

EX PANEL A LOCATION: GYMNASIUM B115 VOLTS: 120/240 Single SUPPLY FROM: MP1 PHASES: 1 MOUNTING: RECESSED MAINS TYPE: MLO ENCLASURE: NEMA-1 MAIN RATING: 125 A A.I.C. RATING: 22000 A BUSSING: COPPER

REPLACED PANEL F LOCATION: CUSTODIAN B116 VOLTS: 120/240 Single SUPPLY FROM: MP1 PHASES: 1 MOUNTING: SURFACE MAINS TYPE: MLO ENCLASURE: NEMA-1 MAIN RATING: 100 A A.I.C. RATING: 22000 A BUSSING: COPPER

EX PANEL E LOCATION: MECHANICAL B001 VOLTS: 120/240 Single SUPPLY FROM: MP1 PHASES: 1 MOUNTING: SURFACE MAINS TYPE: MLO ENCLASURE: NEMA-1 MAIN RATING: 225 A A.I.C. RATING: 22000 A BUSSING: COPPER

RELOCATED PANEL D LOCATION: CUST. B113 VOLTS: 120/240 Single SUPPLY FROM: MP1 PHASES: 1 MOUNTING: SURFACE MAINS TYPE: MLO ENCLASURE: NEMA-1 MAIN RATING: 225 A A.I.C. RATING: 22000 A BUSSING: COPPER

EX PANEL EB LOCATION: CORRIDOR B125 VOLTS: 120/240 Single SUPPLY FROM: RECESSED PHASES: 1 MOUNTING: RECESSED MAINS TYPE: MLO ENCLASURE: NEMA-1 MAIN RATING: 225 A A.I.C. RATING: 22000 A BUSSING: COPPER

EX PANEL EA LOCATION: CORRIDOR A101 VOLTS: 120/240 Single SUPPLY FROM: RECESSED PHASES: 1 MOUNTING: RECESSED MAINS TYPE: MLO ENCLASURE: NEMA-1 MAIN RATING: 225 A A.I.C. RATING: 22000 A BUSSING: COPPER

4/13/2026 3:11:33 PM Autodesk Docs://2508154 Fayette County - Eastview Elementary/MEG_Eastview ES MEP-FB25-04



GIBRALTAR DESIGN

ARCHITECTURE - ENGINEERING - INTERIOR DESIGN



PROJECT: EASTVIEW ES RENOVATION AND RELATED WORK

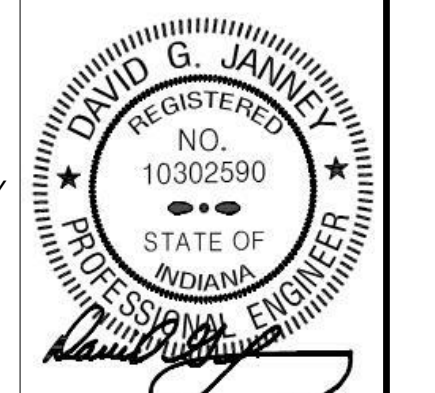
FAYETTE COUNTY SCHOOL CORPORATION 401 S FOUNTAIN ST CONNERSVILLE, INDIANA, 47331

CONSTRUCTION DOCUMENTS 3/16/26

GIBRALTAR DESIGN

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

PROJECT 23-153 DATE 03/16/26 COORDINATED BY BK DRAWN BY CJ CHECKED BY DJ



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REVISIONS table with columns: MARK, DATE, ISSUED FOR

DRAWING PANEL SCHEDULES

PROJECT EASTVIEW ES RENOVATION AND RELATED WORK

SHEET E-502

EX HGDP panel schedule including location, supply from, mounting, enclosure, A.I.C. rating, notes, and a detailed table of circuit descriptions, loads, and overcurrent ratings.

MP panel schedule including location, supply from, mounting, enclosure, A.I.C. rating, notes, and a detailed table of circuit descriptions, loads, and overcurrent ratings.

NEW PANEL G panel schedule including location, supply from, mounting, enclosure, A.I.C. rating, notes, and a detailed table of circuit descriptions, loads, and overcurrent ratings.

EX MP1 panel schedule including location, supply from, mounting, enclosure, A.I.C. rating, notes, and a detailed table of circuit descriptions, loads, and overcurrent ratings.

- GENERAL ROUGH-IN NOTES:**
- CONTRACTOR SHALL USE THESE DRAWINGS IN CONJUNCTION WITH THE SPECIFICATIONS TO DETERMINE THE FULL SCOPE, INTENT AND REQUIREMENTS OF THE PROJECT. SPECIFICATIONS AND DRAWINGS ARE INTENDED TO BE COMPLEMENTARY, NOT MUTUALLY EXCLUSIVE. WORK SHOWN ON THE DRAWINGS BUT NOT LISTED IN THE SPECIFICATIONS, AND WORK DESCRIBED IN THE SPECIFICATIONS BUT NOT SHOWN ON THE DRAWINGS SHALL BE INTERPRETED AS THOUGH WORK WERE FULLY DESCRIBED IN BOTH PLACES. THE HIGHER QUANTITY, HIGHER QUALITY, MORE LABOR INTENSIVE AND OVERALL MORE STRINGENT AND MORE COSTLY REQUIREMENT SHALL APPLY.
 - COLORS OF CABLING USED FOR ALL COMMUNICATIONS TECHNOLOGY WORK SHALL BE REVIEWED AND APPROVED PRIOR TO PROCUREMENT AND INSTALLATION.
 - ALL LADDER RACK AND OTHER COMMUNICATION TECHNOLOGY CABLING PATHWAYS DEPICTED ON THE ENLARGED FLOOR PLANS AND OTHERWISE NECESSARY FOR PROFESSIONAL WIRE MANAGEMENT WITHIN THE MAIN EQUIPMENT ROOM (ER) AND ALL TELECOMMUNICATION ROOMS (TR) SHALL BE PROVIDED BY THE COMMUNICATIONS TECHNOLOGY CONTRACTOR. SEE DIVISION 27 SPECIFICATIONS AND DRAWINGS FOR REQUIREMENTS.
 - THE DIVISION 27 CONTRACTOR SHALL THOROUGHLY REVIEW THE SPECIFIED ROUGH-IN TO ENSURE THAT SUPPLIED ROUGH-IN WILL SUPPORT THE CABLING AND DEVICES BEING SUPPLIED. DIVISION 27 CONTRACTOR SHALL THOROUGHLY COORDINATE WITH THE DIVISION 26 ROUGH-IN PROVIDER PRIOR TO ROUGH-IN MATERIAL ACQUISITION AND INSTALLATION.

- GENERAL PATHWAYS NOTES:**
- ROUGH-IN PATHWAYS SHALL BE CLOSELY REVIEWED AND COORDINATED PRIOR TO INSTALLATION. IT IS THE RESPONSIBILITY OF THE ROUGH-IN PROVIDER TO THOROUGHLY REVIEW AND UNDERSTAND THE REQUIREMENTS OF THE SYSTEMS THAT WILL USE THE PATHWAYS. THIS INCLUDES, BUT IS NOT LIMITED TO, PROPER SIZING OF BOXES, AND PROVIDING THE CORRECT QUANTITY AND SIZES OF CONDUITS. THE COST FOR REMOVING AN INSUFFICIENT PATHWAY SYSTEM AND INSTALLING AN APPROPRIATELY SIZED AND TYPED PATHWAY SYSTEM IS THE RESPONSIBILITY OF THE CONTRACTOR.
 - WHERE CONDUIT IS SHOWN AND/OR SPECIFIED, PROVIDE PULL BOXES SHOWN ON THE DRAWINGS PLUS ADDITIONAL PULL BOXES AS FOLLOWS:
 - EVERY 180 DEGREES OF CONDUIT BEND;
 - EVERY 100 FEET OF CONDUIT PATH.
 - INSTALLED PULL BOXES AND JUNCTION BOXES BE IN ACCESSIBLE LOCATIONS.
 - ROUGH-IN REQUIREMENTS INDICATED ON PLANS, ELEVATIONS AND DETAILS TAKE PRECEDENCE OVER VALUES GIVEN ON THE LEGEND, BUT ONLY TO THE EXTENT THAT THOSE SPECIFIC ITEMS ARE MODIFIED.
 - PROVIDE PATHWAYS FOR COMMUNICATIONS AND SECURITY SYSTEMS CABLING. REFER TO SECTIONS "PATHWAYS FOR COMMUNICATIONS" AND "PATHWAYS FOR SAFETY AND SECURITY".
 - PROVIDE COVER PLATES FOR DEVICE, JUNCTION AND PULL BOXES. COORDINATE MATERIAL AND FINISH OF BLANK PLATES TO MATCH SURROUNDING WALLS.
 - WHERE CONDUITS ARE SPECIFIED "TAAC" (TO ABOVE ACCESSIBLE CEILING) THIS SHALL MEAN THAT CONDUITS SHALL BE STUBBED INTO AN ACCESSIBLE CEILING CAVITY WITHIN THE SAME ROOM AS THE DEVICE THE CONDUIT SERVES. SEE ALSO DEFINITIONS.
 - WHERE DEVICE CONDUITS ARE SPECIFIED "TAC" (TO ABOVE ACCESSIBLE HALLWAY/CORRIDOR CEILING) THIS SHALL MEAN THAT CONDUITS SHALL BE RUN CONTINUOUS AND STUBBED OUT INTO AN ACCESSIBLE CEILING CAVITY WITHIN THE NEAREST CORRIDOR FEATURING AN ACCESSIBLE CEILING CAVITY. SEE ALSO DEFINITIONS.
 - CONDUIT INSTALLER SHALL INSTALL PULL STRINGS IN CONDUITS IMMEDIATELY AFTER INSTALLATION. THIS INCLUDES CONDUITS TARGETED FOR IMMEDIATE AND FUTURE USE.
 - WHERE A MOUNTING HEIGHT MEASUREMENT IS APPLIED TO A ROUGH-IN, THE MEASUREMENT SHALL BE REFERENCED TO THE CENTER OF THE ROUGH-IN DEVICE, EXCEPT WHERE OTHERWISE DETAILED.
 - ROUGH-IN BOXES SHALL BE INSTALLED FLUSH IN WALLS AND CEILINGS.
 - PATHWAYS SHALL BE INSTALLED CONCEALED MANNER. EXPOSED CONDUIT SHALL NOT BE PERMITTED IN FINISHED AREAS.
 - SURFACE MOUNT BACK BOXES AND MATCHING RACEWAY SHALL BE USED FOR COMMUNICATION TECHNOLOGY DEVICES THAT ARE NOT INSTALLED WITHIN A WALL OR CEILING.
 - PROVIDE CODE-COMPLIANT FIRE-STOPPING FOR PATHWAYS THROUGH FIRE-RATED WALLS, FLOORS AND CEILINGS.
 - ALL CONDUIT PROVIDED FOR COMMUNICATION TECHNOLOGY USE SHALL BE PROVIDED WITH NYLON END-BUSHINGS. BUSHINGS SHALL BE INSTALLED AT EACH END OF THE CONDUIT. AT EACH PULL JUNCTION/DEVICE BOX, ON CONDUIT STUBS, AT EACH LOCATION WHERE PULLING CABLE THROUGH THE CONDUIT MAY CAUSE THE CABLE TO RUB AGAINST THE END OF A CONDUIT OR ITS END FITTING.
 - DEVICES DESIGNATED WITH THE "CH" SUBSCRIPT (COUNTER HEIGHT) SHALL BE CLOSELY COORDINATED IN THE FIELD WITH ARCHITECT, CASEWORK AND FURNITURE VENDORS PRIOR TO ROUGH-IN.
 - DEVICES TO BE INSTALLED AT CASEWORK LOCATIONS SHALL BE CLOSELY COORDINATED WITH THE CASEWORK TO ENSURE FUNCTIONAL CONNECTIVITY. COORDINATE WITH THE ARCHITECT AND THE EQUIPMENT AND CASEWORK DRAWINGS.
 - ROUGH-IN SHALL BE CLOSELY COORDINATED TO COMPLEMENT THE INTENDED FURNITURE PLAN AND TO ENSURE THE SAFE AND EFFICIENT CONNECTIVITY OF EQUIPMENT.
 - MANY COMMUNICATIONS DEVICES ARE INTENDED TO HAVE ADJACENT POWER OR INTEGRAL RECEPTACLES (MULTI-SERVICES) TO SERVE THE SAME EQUIPMENT. CLOSE PROXIMITY OF SEPARATE DEVICES IS CRITICAL FOR USABILITY AND AESTHETICS. COORDINATE THE LOCATION OF SEPARATE DEVICES SO THAT THEY ARE LOCATED ADJACENT AND AT THE SAME ELEVATION.
 - TELECOMMUNICATION DEVICE MOUNTING HEIGHT SHALL BE CONSISTENT WITH THE ELECTRICAL OUTLET MOUNTING HEIGHTS FOR THE FACILITY (NEW OR EXISTING) UNLESS OTHERWISE INDICATED ON DRAWINGS. CONTRACTOR SHALL SEEK THE DIRECTION OF THE DESIGNER/ARCHITECT/ENGINEER/CONSULTANT SHOULD DISCREPANCIES BE FOUND WITHIN THE DRAWINGS, SPECIFICATIONS AND ACTUAL FIELD CONDITIONS.
 - CONDUITS STUBBED INTO THE CEILING CAVITY SHALL BE MARKED WITH AN INDELIBLE MARKER INDICATING THE CONDUIT'S INTENDED USE. MARK CONDUIT SO AS TO BE READABLE FROM BELOW LABEL WITHIN 6 INCHES OF THE CONDUIT BUSHING. BELOW ARE EXAMPLES OF LABELS TO BE USED: "CAMERA," "COM," "DOOR," "SPKR," "MIC," "CLOCK," "VOL," "PANEL," "VAP," "DATA," "PHONE," "COM," "RF," "VP," "INPUT," ETC.
 - WHERE SPECIFICATIONS AND/OR DRAWINGS INDICATE THE USE OF SURFACE RACEWAY AND BOXES IN LIEU OF RECESSED ROUGH-IN, THE BOX SIZE AND USABLE RACEWAY CABLE AREA SHALL SUBSTANTIALLY MATCH THAT OF THE DEFAULT STANDARD ROUGH-IN. IN SOME CIRCUMSTANCES THIS MAY REQUIRE THE CONTRACTOR TO PROCURE MATERIALS ONLY AVAILABLE BY SPECIAL ORDER FROM THE MANUFACTURERS.
 - LADDER RACK AND OTHER COMMUNICATION TECHNOLOGY CABLING PATHWAYS DEPICTED ON THE ENLARGED FLOOR PLANS SHALL BE PROVIDED AS INDICATED. ADDITIONAL PRODUCTS NECESSARY FOR PROFESSIONAL WIRE MANAGEMENT WITHIN THE MAIN EQUIPMENT ROOM (ER) AND ALL TELECOMMUNICATION ROOMS (TR) SHALL BE ALSO BE PROVIDED AS NECESSARY.
 - ELEVATOR TELEPHONE CONNECTIONS, SHALL BE CLOSELY COORDINATED WITH THE ELEVATOR PROVIDER. PROVIDE CONDUIT FROM THE ELEVATOR CONTROL PANEL TO THE CORRIDOR CEILING SPACE, UNLESS OTHERWISE INDICATED ON THE DRAWINGS.
 - COORDINATE THE TELEPHONE CONNECTION REQUIREMENTS FOR THE FIRE ALARM CONTROL PANEL (FACP) WITH THE FIRE ALARM INSTALLER. PROVIDE CONDUIT FROM THE FACP TO ACCESSIBLE CORRIDOR CEILING SPACE, UNLESS OTHERWISE INDICATED ON THE DRAWINGS.
 - COORDINATE DATA CABLING AND TERMINATION REQUIREMENTS FOR HVAC BUILDING AUTOMATION SYSTEM (BAS), WITH THE BAS PROVIDER.
 - PROVIDE A MINIMUM OF TWO (2) 2-INCH DIAMETER THROUGH-WALL CONDUIT SLEEVES FOR USE AS COMMUNICATION AND SECURITY CABLE PATHWAYS INTO EACH SPACE CONTAINING COMMUNICATION AND SECURITY DEVICES. ROUTE CONDUITS FROM ABOVE ACCESSIBLE CEILING TO THE NEAREST HALLWAY/CORRIDOR FEATURING AN ACCESSIBLE CEILING CAVITY.

- GENERAL NOTES:**
- NOTHING SET FORTH IN THESE DRAWINGS SHALL RELEASE ANY CONTRACTOR FROM HIS RESPONSIBILITY TO PROVIDE APPROPRIATE QUANTITIES, FIELD MEASUREMENTS, DIMENSIONAL STABILITY, INSTALLATION, ANCHORAGE, AND COORDINATION WITH OTHER TRADES, OR RELEASE HIM FROM HIS RESPONSIBILITY TO IDENTIFY AND RESOLVE DEVIATIONS FROM THE REQUIREMENTS OF THE CONTRACT DOCUMENTS, OR FREE HIM OF HIS RESPONSIBILITY TO ALERT DESIGNER TO ERRORS OR OMISSIONS.
 - CONTRACTOR SHALL UTILIZE THESE DRAWINGS IN CONJUNCTION WITH THE SPECIFICATIONS TO DETERMINE THE FULL SCOPE, INTENT AND REQUIREMENTS OF THE PROJECT. SPECIFICATIONS AND DRAWINGS ARE INTENDED TO BE COMPLEMENTARY, NOT MUTUALLY EXCLUSIVE. WORK SHOWN ON THE DRAWINGS BUT NOT LISTED IN THE SPECIFICATIONS, AND WORK DESCRIBED IN THE SPECIFICATIONS BUT NOT SHOWN ON THE DRAWINGS SHALL BE INTERPRETED AS THOUGH WORK WERE FULLY DESCRIBED IN BOTH PLACES. THE HIGHER QUANTITY, HIGHER QUALITY, MORE LABOR INTENSIVE AND OVERALL MORE STRINGENT AND MORE COSTLY REQUIREMENT SHALL APPLY UNLESS OTHERWISE CLARIFIED IN WRITING PRIOR TO BID.
 - EACH CONTRACTOR SHALL VERIFY IN THE FIELD ALL EXISTING APPLICABLE CONDITIONS AND DIMENSIONS SHOWN ON THE DRAWINGS AND AS PERTINENT TO THE INTENT OF THESE DRAWINGS. ANY DISCREPANCY DISCOVERED SHALL BE BROUGHT TO THE ATTENTION OF THE DESIGNER PRIOR TO THE COMMENCEMENT OF ANY WORK AFFECTED BY, OR RELATED TO, SUCH DISCREPANCY. EACH CONTRACTOR SHALL BE RESPONSIBLE FOR ALL COSTS ASSOCIATED WITH, OR CAUSED BY HIS FAILURE TO COMPLY WITH THIS REQUIREMENT.
 - EACH CONTRACTOR SHALL REVIEW ALL PORTIONS OF HIS WORK, BEFORE STARTING THE WORK, TO VERIFY THAT THE WORK WILL NOT PROHIBIT COMPLETION OF THE PROJECT AS INTENDED IN THESE CONSTRUCTION DOCUMENTS. ALL QUESTIONS SHALL BE REFERRED TO THE DESIGNER FOR RESOLUTION.
 - EACH CONTRACTOR SHALL BE RESPONSIBLE FOR JOB CLEANLINESS. PROJECT AREAS SHALL BE THOROUGHLY CLEANED AND TRASH DISPOSED OF AT THE END OF EACH WORK DAY. OWNER'S FACILITIES SHALL NOT BE USED FOR WASTE DISPOSAL.
 - PROVIDE DUST PROTECTION WHEN WORKING IN EXISTING FACILITIES. SEAL OFF ALL WORK AREAS FROM REMAINDER OF THE EXISTING FACILITY TO RETAIN ALL CONSTRUCTION DIRT AND DUST. SEAL EXISTING DOORS WITH TAPE AND PROVIDE DUST-PROOF BARRIERS AS REQUIRED.
 - ALL WORK SHALL BE SEQUENCED TO PROVIDE FOR THE OWNER'S CONTINUED USE OF THE EXISTING FACILITY WHEN REQUIRED. OWNER'S ACCESS, EGRESS AND SAFETY SHALL BE MAINTAINED BY EACH CONTRACTOR. THE SEQUENCE OF WORK SHALL BE AS DETERMINED BY THE CONSTRUCTION MANAGER. REFER TO THE PROJECT MANUAL FOR FURTHER REQUIREMENTS.
 - EACH CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTION OF ALL SURFACES AND FINISHES IN THE INTERIOR OR EXTERIOR OF THE FACILITY. DAMAGED SURFACES OR FINISHES RESULTING FROM THE PERFORMANCE OF THE WORK OR NEGLIGENCE SHALL BE REPAIRED AT NO COST TO THE OWNER BY THE RESPONSIBLE CONTRACTOR. FINISHES AND SURFACES SHALL BE MADE TO MATCH THE EXISTING FINISHES OR SURFACES TO THE SATISFACTION OF THE OWNER AND ARCHITECT/CONSTRUCTION MANAGER.
 - "TECHNOLOGY" CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING TELEPHONE, DATA, CENTRAL SOUND, SECURITY CCTV AND ALARM SYSTEM SERVICES IN ALL EXISTING AREAS FOR DURATION OF PROJECT FOR MULTI-PHASED PROJECTS. CONTRACTOR SHALL COLLABORATE WITH OWNER'S TECHNOLOGY PERSONNEL AS NECESSARY AND PROVIDE TEMPORARY WIRING, CROSS-CONNECTS, TERMINATION DEVICES, AND LABOR TO MAINTAIN OPERATION ACCEPTABLE TO THE OWNER. CONTRACTOR SHALL REFER TO THE FRONT END DOCUMENTS OF THE SPECIFICATIONS FOR ADDITIONAL INFORMATION RELATED TO PHASING. ALL PHASING QUESTIONS SHALL BE ADDRESSED PRIOR TO THE CONTRACTOR'S BID SUBMISSION.
 - EACH CONTRACTOR SHALL FIELD VERIFY ALL EXISTING APPLICABLE CONDITIONS AND DIMENSIONS SHOWN ON THE DRAWINGS. AS PERTAINS TO THE INTENT OF THESE DRAWINGS, CONTRACTOR SHALL BRING TO THE ATTENTION OF THE ARCHITECT AND DESIGNER ANY DISCREPANCIES DISCOVERED PRIOR TO THE COMMENCEMENT OF ANY WORK AFFECTED BY OR RELATED TO SUCH DISCREPANCY. EACH CONTRACTOR SHALL BE RESPONSIBLE FOR ALL COSTS ASSOCIATED WITH OR CAUSED BY THAT CONTRACTOR'S FAILURE TO COMPLY WITH THIS REQUIREMENT.

- GENERAL CABLING NOTES:**
- ALL PROVIDED CABLE SHALL BE RATED FOR THE ENVIRONMENT INSTALLED.
 - ALL INSTALLED CABLING SHALL BE CONTINUOUS AND WITHOUT SPLICES, EXCEPT WHERE OTHERWISE NOTED.
 - "ABOVE ACCESSIBLE CEILING" SHALL BE INTERPRETED TO GENERALLY MEAN THE ACCESSIBLE CAVITY ABOVE SUSPENDED CEILING (RECEPTACLE ABOVE). CONDUITS STUBBED ABOVE ACCESSIBLE CEILING SHALL TERMINATE IN A LOCATION IN WHICH A NORMAL HEIGHT PERSON CAN VIEW AND ACCESS WITHOUT STRAIN WHILE STANDING UPRIGHT ON A LADDER OR OTHER VERTICAL LIFT DEVICE.
 - COLOR CODING OF CABLING SHALL BE COORDINATED AND APPROVED PRIOR TO PROCUREMENT AND INSTALLATION.
 - ALL CABLE IN EXPOSED CEILINGS SHALL BE IN CONDUIT.

- SLEEVE AND FIRE-STOPPING NOTES:**
- ALL PENETRATIONS THROUGH BUILDING STRUCTURE (WALL AND/OR FLOORS) FOR COMMUNICATIONS CABLING SHALL BE SLEEVED.
 - ALL SLEEVES THROUGH WALLS OR FLOORS HOLDING A FIRE RATING SHALL BE INSTALLED UTILIZING ONE OF THE APPROVED METHODS FOR A UL LISTED ASSEMBLY.
 - APPROVED MANUFACTURERS FOR UL LISTED SLEEVES SHALL BE SPECIFIED TECHNOLOGY SYSTEMS, UNIQUE FIRESTOP PRODUCTS, AND WIREMOLD.
 - ALL UN-USED SLEEVES THROUGH WALLS OR FLOORS HOLDING A FIRE RATING SHALL BE FIRESTOPPED TO A RATING EQUAL TO OR HIGHER THAN THE FLOOR RATING.
 - ALL UN-USED SLEEVES THROUGH WALLS OR FLOORS HOLDING A FIRE RATING SHALL BE FIRESTOPPED TO A RATING EQUAL TO OR HIGHER THAN THE WALL OR FLOOR RATING.
 - ALL PENETRATIONS SHALL BE PART OF THE RE-USABLE PATHWAY SYSTEM. FIRESTOPPED PENETRATIONS SHALL EITHER BE AN ASSEMBLY WITH FIRESTOP MATERIALS BUILT INTO THE ASSEMBLY OR FIRESTOPPED WITH REMOVABLE PUTTY OR FIRESTOP BAGS.

AD-3

DISTRIBUTED SYSTEMS	
	SPEAKER – SUSPENDED CEILING MOUNTED CABLE AS REQUIRED BY SYSTEM
	SPEAKER – SOLID CEILING MOUNTED CABLE AS REQUIRED BY SYSTEM
	SPEAKER, WALL TYPE CABLE AS REQUIRED BY SYSTEM
	SPEAKER, PENDANT CABLE AS REQUIRED BY SYSTEM Y = MODEL
	SPEAKER, VOLUME CONTROL CABLE AS REQUIRED BY SYSTEM INCLUDE PRIORITY OVERRIDE - ION
	SPEAKER, HORN TYPE CABLE AS REQUIRED BY SYSTEM Y = MODEL
	CLOCK – BATTERY TYPE WALL CLOCK, 12" DIAMETER, UNLESS OTHERWISE NOTED WG = PROVIDE WITH ACCESSORY WIRE GUARD
	CLOCK – BATTERY TYPE WALL CLOCK, 12" DIAMETER, UNLESS OTHERWISE NOTED DOUBLE SIDED WG = PROVIDE WITH ACCESSORY WIRE GUARD
	LED CLOCK (POE) LED WALL CLOCK – PROVIDE WITH MOUNT QUANTITY ONE - (4) PAIR CAT 6 CABLE WG = PROVIDE WITH ACCESSORY WIRE GUARD
	INTERCOM CALL BUTTON CABLE AS REQUIRED BY SYSTEM

AUDIO-VISUAL SYSTEMS	
	VOICE AND DATA OUTLET WITH LOCAL INPUT X = QUANTITY OF (4) PAIR VOICE/DATA CABLES (MIN. 1 VOICE AND 1 DATA CABLE WITHOUT SUBSCRIPT) LI = LOCAL INPUT CABLING TO A VIDEO PROJECTOR, TELEVISION, ETC.
	DATA OUTLET WITH LOCAL INPUT X = QUANTITY OF (4) PAIR DATA CABLES (MIN. 2 DATA CABLE WITHOUT SUBSCRIPT) LI = LOCAL INPUT CABLING TO A VIDEO PROJECTOR, TELEVISION, ETC.
	FLAT PANEL DISPLAY OUTLET WITH HDMI OUTPUT QUANTITY OF TWO - (4) PAIR DATA CABLES WITH HDMI OUTPUT CABLING TO FLAT PANEL DISPLAY
	FLAT PANEL (TV) DISPLAY WALL MOUNTED – NETWORK QUANTITY OF TWO - (4) PAIR DATA CABLES WITH HDMI OUTPUT CABLING TO FLAT PANEL DISPLAY Y = MODEL, H = HEIGHT 4-8" (UNLESS OTHERWISE NOTED)
	VIDEO PROJECTOR WALL MOUNTED QUANTITY OF TWO - (4) PAIR DATA CABLES – THIS OUTLET WILL ALSO ACCEPT LOCAL INPUT CABLES Y = MODEL
	SYSTEM SPEAKER – RECESSED CEILING MOUNTED L = LOCAL SOUND SYSTEM X = SYSTEM Y = MODEL
	SYSTEM SPEAKER – WALL MOUNTED X = SYSTEM Y = MODEL

TELECOMMUNICATIONS	
	VOICE OUTLET; STANDARD X = QUANTITY OF - (4) PAIR VOICE CABLES CABLE WITHOUT SUBSCRIPT) B = BLANK COVER, NO CONNECTORS OR CABLE
	VOICE OUTLET; WALL MOUNTED TELEPHONE QUANTITY OF ONE - (4) PAIR VOICE CABLES CABLE WITHOUT SUBSCRIPT
	VOICE AND DATA OUTLET; STANDARD X = QUANTITY OF (4) PAIR VOICE/DATA CABLES (MIN. 1 VOICE AND 1 DATA CABLE WITHOUT SUBSCRIPT) B = BLANK COVER, NO CONNECTORS OR CABLE
	VOICE AND DATA OUTLET IN OFFICE FURNITURE X = QUANTITY OF (4) PAIR VOICE/DATA CABLES (MIN. 1 VOICE AND 1 DATA CABLE WITHOUT SUBSCRIPT) F = FURNITURE MOUNTED
	DATA OUTLET; STANDARD X = QUANTITY OF (4) PAIR DATA CABLES (MIN. 1 DATA CABLE WITHOUT SUBSCRIPT) Y = (B) BLANK COVER; (CH) COUNTER HEIGHT
	WIRELESS LAN ACCESS POINT OUTLET WALL MOUNTED QUANTITY OF TWO - (4) PAIR DATA CAT6A CABLES
	WIRELESS LAN ACCESS POINT OUTLET CEILING MOUNTED QUANTITY OF TWO - (4) PAIR DATA CAT6A CABLES
	POINT OF SALE DATA OUTLET X = QUANTITY OF (4) PAIR VOICE/DATA CABLES (MIN. 1 DATA CABLE WITHOUT SUBSCRIPT) SEE SYSTEM DIAGRAM FOR ADDITIONAL CABLING REQUIREMENTS
	ABOVE CEILING OUTLET X = QUANTITY OF (4) PAIR DATA CABLES (MIN. 1 DATA CABLE WITHOUT SUBSCRIPT)
	BUILDING AUTOMATION SYSTEMS OUTLET QUANTITY OF TWO - (4) PAIR DATA CABLES COORDINATE OUTLET LOCATION WITH BUILDING CONTROLS CONTRACTOR
	FIRE ALARM CONTROL PANEL QUANTITY OF TWO - (4) PAIR DATA CABLES COORDINATE OUTLET LOCATION WITH FIRE ALARM CONTRACTOR
	ELEVATOR CONTROL OUTLET QUANTITY OF TWO - (4) PAIR DATA CABLES COORDINATE OUTLET LOCATION WITH ELEVATOR CONTRACTOR
	EMERGENCY TELEPHONE OUTLET QUANTITY OF ONE - (4) PAIR VOICE CABLES (UNLESS OTHERWISE NOTED) COORDINATE OUTLET LOCATION WITH SECURITY SYSTEM CONTRACTOR
	SECURITY ALARM PANEL OUTLET QUANTITY OF TWO - (4) PAIR DATA CABLES COORDINATE OUTLET LOCATION WITH SECURITY SYSTEMS CONTRACTOR

SECURITY/LIFE SAFETY	
	VIDEO SURVEILLANCE CAMERA OUTLET WALL MOUNTED NEW CATEGORY 6 FOUR (4) PAIR CABLE
	VIDEO SURVEILLANCE CAMERA OUTLET CEILING MOUNTED NEW CATEGORY 6 FOUR (4) PAIR CABLE
	VIDEO SURVEILLANCE CAMERA OUTLET EXTERIOR WALL NEW CATEGORY 6 FOUR (4) PAIR CABLE

- SCOPE OF WORK**
- "I" SERIES DRAWINGS BEING ISSUED FOR SCOPE AND COORDINATION. THIS BID PACKAGE IS FOR TECHNOLOGY INFRASTRUCTURE AND NEW INTERCOM.
 - THE ELECTRICAL CONTRACTOR IS RESPONSIBLE FOR PROVIDING ALL OUTLET / JUNCTION BOXES, CONDUITS AND RACEWAY FOR ALL LOW VOLTAGE SYSTEMS. THIS WORK IS DEPICTED ON THE "E" AND "I" SERIES DRAWINGS.
 - FOR COORDINATION PURPOSES, OCCASIONALLY AN ITEM OF WORK MAY BE SHOWN ON THE E SERIES DRAWINGS AND THE I SERIES DRAWINGS. IN ADDITION, THE SAME WORK MAY BE INCLUDED ON MULTIPLE I SERIES DETAIL SHEETS FOR SIMILAR REASONS. REQUEST A CLARIFICATION FOR ANY ITEMS THAT APPEAR UNCLEAR AS TO QUANTITY OR CONTRACT RESPONSIBILITY. EXAMPLE: ELECTRICAL DEVICES ARE SHOWN ON I SERIES DETAIL SHEETS FOR COORDINATION AND SPACING PURPOSES; THE ELECTRICAL OUTLETS AND POWER EQUIPMENT IS THE RESPONSIBILITY OF DIVISION 26. LIKEWISE, SOME TELECOMMUNICATIONS CONDUITS APPEAR ON E SERIES SHEETS FOR SPACE COORDINATION. TELECOMMUNICATIONS PATHWAY AND SPACES ARE COVERED UNDER DIVISION 27.
 - REFER TO DIVISION 26 AND DIVISION 27 SPECIFICATIONS FOR ADDITIONAL INFORMATION.
 - NO LOW VOLTAGE CABLING SHALL RUN EXPOSED IN AREAS OF THE BUILDING THAT DO NOT HAVE CEILING (I.E. SYMBALMS, LOCKER ROOMS, ETC.). CONDUITS RUN TO NEAREST ACCESSIBLE CEILING SPACE UNLESS OTHERWISE NOTED.
 - SOME SPEAKERS AND CALL-IN BUTTONS ARE EXISTING TO REMAIN AND RE-USED FOR NEW INTERCOM SYSTEM.
 - EXISTING SURFACE RACEWAY MAY BE RE-USED WITH MODIFICATIONS AS NEEDED.

- LEGEND NOTES**
- BASE SYMBOLS ARE UTILIZED TO REFERENCE THE FLOORPLAN LOCATION AND PROPER ROUGH-IN REQUIREMENTS. WHERE SUBSCRIPTS ARE USED WITH THESE SYMBOLS, THEY MODIFY THE REQUIREMENTS. ROUGH-IN REQUIREMENTS CAN BE FOUND ON THE "I-7XX" SERIES DRAWINGS. PRIOR TO INSTALLATION OF ROUGH-IN, VERIFY ROUGH-IN SIZE REQUIREMENTS WITH DEVICE SUPPLIER.
 - INCREASE SIZE OF BOX AS REQUIRED TO ACCOMMODATE THE QUANTITY AND SIZE OF CONDUITS ENTERING BOX.
 - ALL I-BAGS AND 2-GANGS ROUGH-IN BOXES, RECESS-FLUSH MOUNTED, SHALL BE ASSEMBLED FROM 4" SQUARE BOXES AND SEPARATE TRIM RINGS. DEPTH OF COMPOSITE ASSEMBLY SHALL AS INDICATED, MINIMUM.
 - IN APPLICATIONS WHERE THE DRAWINGS AND/OR SPECIFICATIONS REQUIRE THE USE OF SURFACE RACEWAY AND BOXES IN LIEU OF CONCEALED ROUGH-IN, CONTRACTOR SHALL MATCH THE SIZE OF THE BOX LISTED ON THE LEGEND. SHALL MATCH THE QUANTITY OF USABLE RACEWAYS, AND SHALL MATCH THE USABLE RACEWAY CABLE AREA SUBSTANTIALLY TO QUANTITY AND SIZES OF RACEWAYS LISTED ON THE LEGEND. CONTRACTOR IS ADVISED THAT THIS MAY REQUIRE PROCUREMENT OF MATERIALS ONLY AVAILABLE BY SPECIAL ORDER FROM THE MANUFACTURERS.
 - WHERE FIELD CONDITIONS INVOLVE INACCESSIBLE AREAS THE ROUGH-IN SHALL BE MODIFIED TO ALLOW THE PATHWAY TO BE ACCESSIBLE AND REUSABLE.
 - COLOR CODING OF CABLING SHALL BE COORDINATED AND APPROVED PRIOR TO PROCUREMENT AND INSTALLATION.
 - SYMBOLS AND SUBSCRIPTS MAY DISTINGUISH BETWEEN VOICE (V) AND DATA (D) INTENDED USES. MATERIALS AND INSTALLATION FOR VOICE AND DATA USES SHALL BE IDENTICAL UNLESS SPECIFICALLY NOTED. (I.D. TV IS THE SAME AS 2 CABLES).
 - SYMBOLS PLACED ON EXTERIOR WALLS WITH A "V" SUBSCRIPT SHALL BE INSTALLED WITH WEATHERPROOF HOUSINGS AND THE ROUGH-IN SEALED FROM MOISTURE INGRESS.
 - WHERE A TELECOMMUNICATIONS OUTLET LOCATION IS ADJACENT TO AN ELECTRICAL OUTLET, THE MOUNTING HEIGHT WILL BE THE SAME FOR EACH WHERE MULTIPLE TELECOMMUNICATIONS ARE ADJACENT (SUCH AS TELECOMMUNICATIONS AND SOUND DEVICES. FACEPLATES SHALL BE COORDINATED TO THE SAME TYPE AND COLOR AND MOUNTED AT THE SAME HEIGHT.

PATHWAY AND SPACES DEVICES	
	TELECOMMUNICATION WALL LINING (BACKBOARD) 8" TALL, 4" WIDTH 1/2" AC PLYWOOD, CUT TO FIT SPACE AS SHOWN PAINTED WITH FIRE RETARDANT WHITE PAINT
	LADDER RACK SIZE AS INDICATED 8" MOUNTING HEIGHT WHEN HORIZONTAL, 10"
	FIRE RATED SLEEVE THROUGH WALL 4" DIAMETER UNLESS OTHERWISE NOTED; PROVIDE FIRE STOPPING. ROUTE FROM ROOM TO ACCESSIBLE CEILING TO ACCESSIBLE CEILING. NOTE: PROVIDE WATERFALL DEVICE WHEN CABLE DROP IS GREATER THAN 6"
	SLEEVE THROUGH WALL 2" DIAMETER UNLESS OTHERWISE NOTED; PROVIDE FIRE STOPPING. ROUTE FROM ROOM TO ACCESSIBLE CEILING TO ACCESSIBLE CEILING. NOTE: NOT ALL SLEEVES WILL BE SHOWN, ONLY ADDITIVE INSTANCES REQUIRED TO ACHIEVE DESIGN GOALS.
	FIRE RATED SLEEVE THROUGH FLOOR 4" DIAMETER UNLESS OTHERWISE NOTED; PROVIDE FIRE STOPPING. ROUTE FROM ROOM TO ACCESSIBLE CEILING TO ACCESSIBLE CEILING. NOTE: PROVIDE WATERFALL DEVICE WHEN CABLE DROP IS GREATER THAN 6"
	POKE-THRU – FIRE RATED DEVICE SEE ELECTRICAL DRAWINGS FOR POKE-THRU SIZE AND TYPE ADJACENT SYMBOL DENOTES CABLING REQUIREMENTS MODIFIED TO FIT BOX
	FLOOR BOX – FLUSH TO FINISHED FLOOR SEE ELECTRICAL DRAWINGS FOR FLOORBOX SIZE AND TYPE ADJACENT SYMBOL DENOTES CABLING REQUIREMENTS MODIFIED TO FIT BOX
	FURNITURE WHIP – WALL FURNITURE WHIP FROM FIRE RATED POKE THROUGH DEVICE X = (WHERE X REPRESENTS A-C) POKE-THRU SIZE AND TYPE 1 1/4" WHIP FITTING MINIMUM
	TELEPOWER POLE ADJACENT SYMBOL DENOTES CABLING REQUIREMENTS MODIFIED TO FIT BOX
	JUNCTION/PULL BOX – WALL MOUNTED SIZE AS NOTED OR CALCULATED BY QUANTITY AND SIZE OF CONDUITS NOTE: ALL BOXES SHALL BE MOUNTED SO AS TO ALLOW RE-ENTRY IN A SAFE MANNER
	JUNCTION/PULL BOX – FLOOR MOUNTED SIZE AS NOTED OR CALCULATED BY QUANTITY AND SIZE OF CONDUITS NOTE: ALL BOXES SHALL BE MOUNTED SO AS TO ALLOW RE-ENTRY IN A SAFE MANNER
	JUNCTION/PULL BOX – CEILING MOUNTED SIZE AS NOTED OR CALCULATED BY QUANTITY AND SIZE OF CONDUITS NOTE: ALL BOXES SHALL BE MOUNTED SO AS TO ALLOW RE-ENTRY IN A SAFE MANNER.

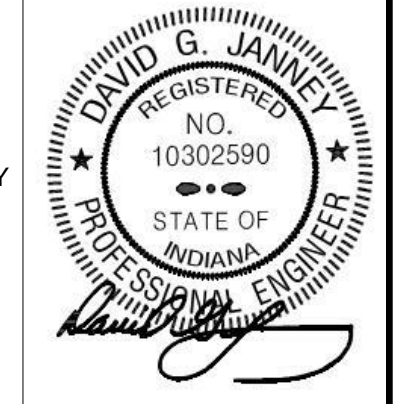


PROJECT:
EASTVIEW ES RENOVATION AND RELATED WORK

FAYETTE COUNTY SCHOOL CORPORATION
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CONNERSVILLE, INDIANA, 47331

CONSTRUCTION DOCUMENTS
3/16/26

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DRAWING
TECHNOLOGY NOTES & SYMBOLS

PROJECT
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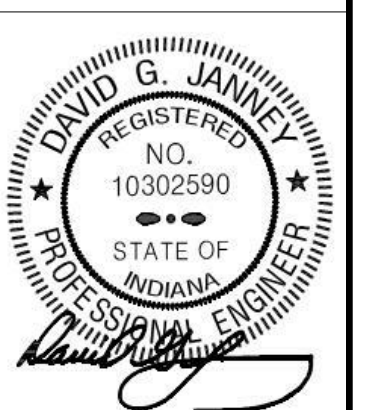
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DRAWING
EQUIPMENT ROOM DETAILS

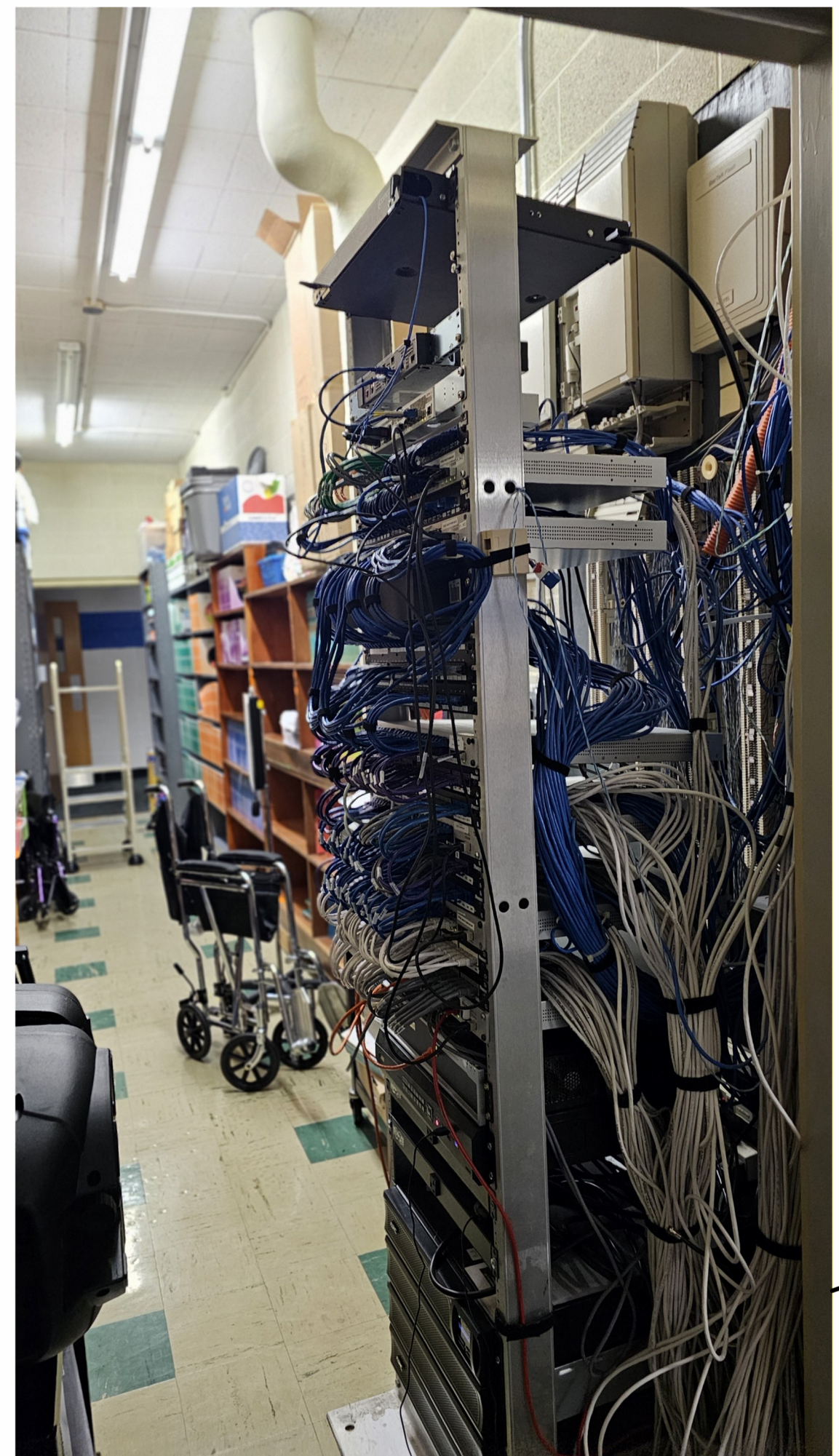
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EXISTING DATA RACK TO BE REMOVED
AFTER CUTOVER OF COMPLETE BUILDING
TO NEW CABLING RACK
SERVER IS TO INSTALLED IN NEW EQUIPMENT RACK



ENLARGED PLAN - MDF - ROOM B107 (EXISTING LAYOUT)

SCALE: NTS



EXISTING LEGACY PHONE SYSTEM TO BE REMOVED
INCLUDING ALL UNUSED TELEPHONE CABLING
COORDINATE WITH OWNER TECHNOLOGY STAFF

GENERAL DEMO NOTE:

THE SYMBOLS ON THE DEMO PLANS INDICATE THE OLD OUTLETS THAT ARE TO BE DEMOED. THIS INCLUDES BUT NOT LIMITED TO EXISTING VOICE, DATA, AND COAX CABLING. THERE ALSO MAY BE SOME ADDITIONAL LOCATIONS THAT ARE NOT SHOWN DUE TO EXISTING CONDITIONS SUCH AS FURNISHING.

ALL CABLING IS TO BE REMOVED BACK TO THE SOURCE WHICH IS EITHER LOCAL IN THE ROOM OR THE MDF IN.

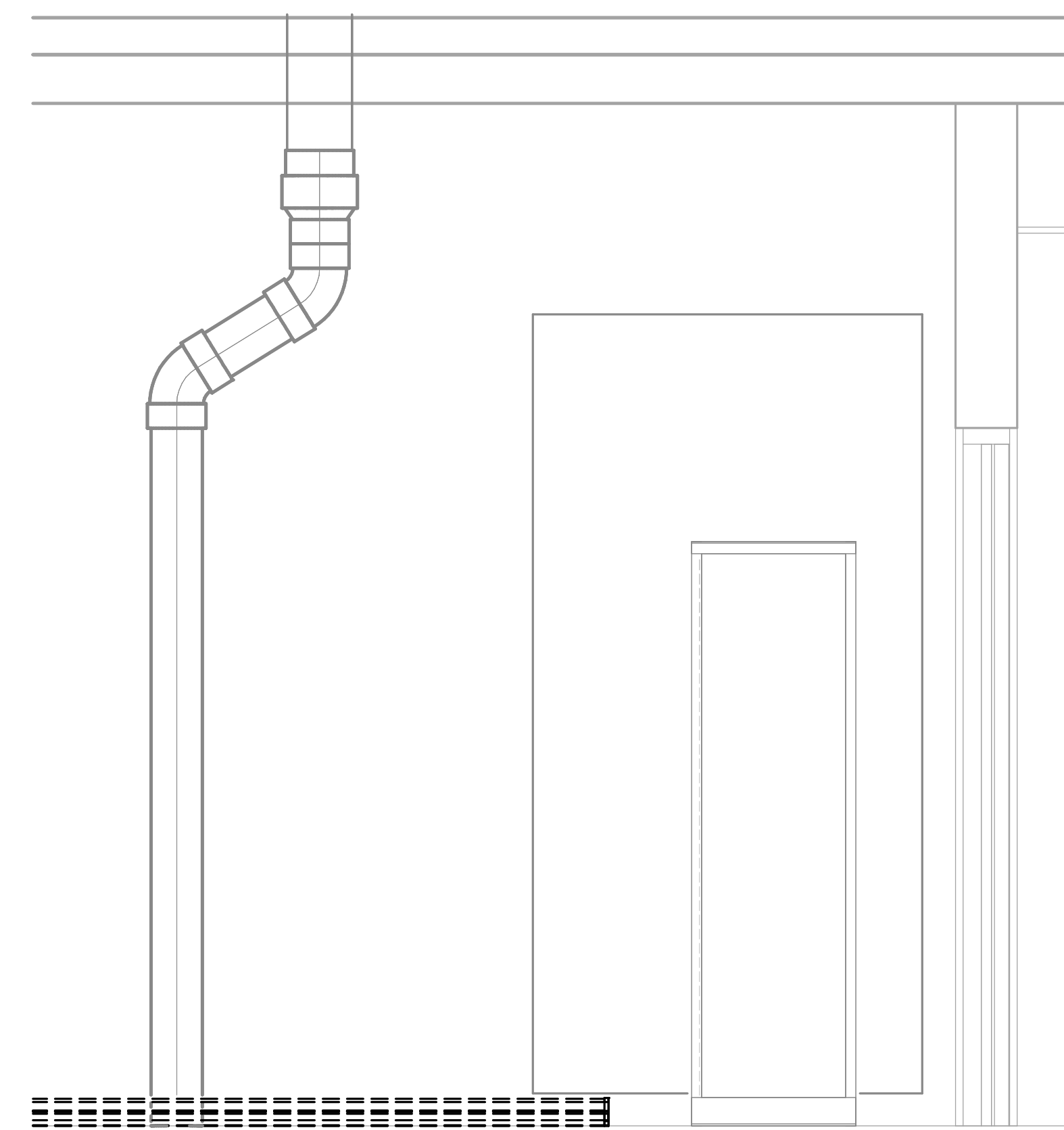
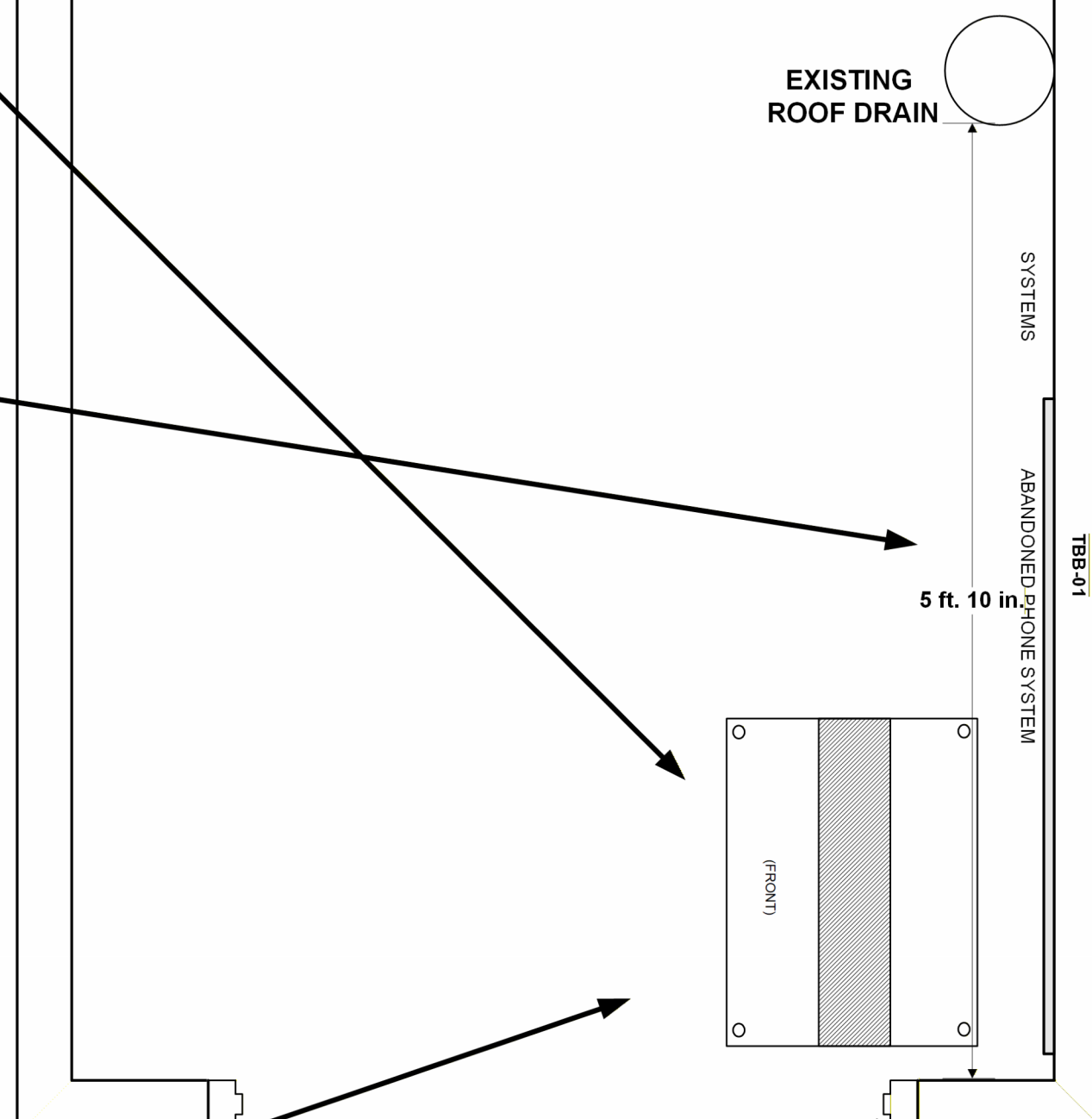
IF THERE IS ANY OTHER TELEPHONE BACKBONE CABLING IT IS ALSO TO BE REMOVED.

THERE MAY BE SOME LEGACY VOICE CIRCUITS BEING UTILIZED FOR DEVICES SUCH AS ALARM OR FAX THAT WILL NEED TO REMAIN IN PLACE.

ALL THE DEMO ACTIVITY IS TO BE COORDINATED WITH FAYETTE COUNTY TECHNOLOGY STAFF.

SEE DRAWING NOTES AND SPECIFICATION SECTION "27 00 04 - EXISTING CONDITIONS CONDITION AND DEMOLITION " AS WELL AS ANY RELATED DIVISION 1 OR DIVISION 26 SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS.

INCOMING ISP SERVICE CABLE TO BE EXTENDED TO NEW CABLING RACK - COORDINATE WITH DISTRICT IT STAFF AS WELL AS SERVICE PROVIDER



MDF EXISTING ELEVATION

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