



# KANSAS CITY KANSAS PUBLIC SCHOOLS

PURCHASING OFFICE | 2010 N. 59<sup>TH</sup> STREET | ROOM 370 \ KANSAS CITY, KS 66104

WEB SITE: [WWW.KCKPS.ORG/PURCHASING](http://WWW.KCKPS.ORG/PURCHASING)

## WINDOW REPLACEMENT AT WHITTIER ELEMENTARY AND NORTH CENTRAL OFFICE EARLY CHILDHOOD CENTER

**BID No: IFB 21-016**      **ISSUE DATE: NOVEMBER 12, 2021**

Kansas City Kansas Public Schools will receive sealed bids, on this form at the Purchasing Office, 2010 N. 59<sup>th</sup> Street, Room 370, Kansas City, KS 66104 until **10:00 AM., December 10, 2021**, at which time bids received will be publicly opened and read, all in accordance with bid instructions, specifications and/or bid conditions attached hereto or as shown below.

**Contact/Technical Contact:**

Wayne C. Correll, Director of Purchasing | (913) 279-2270 | eMail: [wayne.correll@kckps.org](mailto:wayne.correll@kckps.org)

**BID INSTRUCTIONS:**

FAXED BIDS WILL NOT BE ACCEPTED / EMAILED BIDS WILL NOT BE ACCEPTED.

**Per attached specifications listed in this invitation to bid. Bidders must specify unit price on services/rates/deliverables on the Bid Form or bid may be determined to be non-responsive.**

- Pricing shall be FOB Kansas City, KS (All freight and fuel charges must be included in the bid price).
- Award will be to ONE contractor. Coordination of trades for this project will be managed by Facilities Department Project Manager.
- Time (days, weeks, etc.) required for delivery is a significant consideration with respect to this award process. The time required for delivery must be indicated in the space provided or your bid may be found non-responsive and may not be considered.
- Bid shall include copies of pertinent warranty information pertaining to the product or service offered. The bidder agrees that services furnished under any resultant Statement of Work issued by the District shall be covered by commercial warranties the contractor gives to any customer for such supplies. All warranty information and certificates shall be furnished and become the property of the District upon delivery and acceptance of said items and/or the contractor must honor services and all rights and remedies stated in the warranties.
- All items are new manufacture unless otherwise specifically stated in this bid.
- All products must have passed the first line quality standard as set by the manufacturer and no seconds, blemished articles or items having defective workmanship are included.
- Bid may not be considered if a service charge, minimum dollar or minimum quantity order is applied.

- The outcome of this bid will be posted on the District's Purchasing site [www.kckps.org/purchasing](http://www.kckps.org/purchasing) under Awards Section and will include a bid tabulation/summary.
- Bidder shall acknowledge all addenda for this bid and include the form acknowledgements with their bid.
- The Board of Education reserves the right to reject any and/or all bids in whole or in part and to waive any informality or irregularity therein, or to award the contract to other than the low bidder, in its sole discretion. Kansas City Kansas Public Schools reserves the right to accept that bid which in its opinion, is in the best interest of the District.

See Attachment A for Additional Terms & Conditions

# WINDOW REPLACEMENT AT WHITTIER ELEMENTARY AND NORTH CENTRAL OFFICE EARLY CHILDHOOD CENTER

Kansas City Kansas Public Schools is accepting bids for the replacement of windows at the following locations:

**Whittier Elementary**  
295 S. 10<sup>th</sup> Street  
Kansas City, KS 66102

**North Central Office Early Childhood Center**  
2212 N. 59<sup>th</sup> Street  
Kansas City, KS 66104

The following specifications are to serve as the minimum requirements for this solicitation and should not be construed to exclude any other make or model of comparably equipped item of the same class designation. Any substitute must be approved in advance by the District.

## **Scope of Work:**

The work shall include the following:

- Removal and disposal of existing windows
- Installation of new windows

The selected bidder and District will coordinate and agree upon an acceptable time frame for completion, which will include accommodation to work during non-school session hours. Acceptable dates and hours include holiday breaks when school is not in session.

*Any measurements and areas shown/indicated in this solicitation are approximations, and not guaranteed to be 100% accurate. Each bidder is responsible for making an on-site measurement of the area to be serviced, in order to determine exact requirements.*

**All work is to be completed prior to the agreed upon deadline.**

## **Pre-Bid Meeting**

A pre-bid meeting will be held at **2:00 PM** on **December 1, 2021**

## **North Central Office Early Childhood Center**

2212 N. 59<sup>th</sup> Street  
Kansas City, KS 66104

A "walk-thru" to all review of the project area will follow the Pre-Bid meeting. Attendance at the Pre-Bid Meeting is recommended, but not mandatory.

## **Bid Security**

**Bid Bond:** Bid security shall be submitted with each bid in the amount of five percent (5%) of the bid amount. No bids may be withdrawn for a period of sixty (60) days after opening of bids. Owner reserves the right to reject any and all bids and to waive informalities and irregularities.



Payment & Performance Bond: Bidder agrees to furnish a Payment & Performance Bond, in the amount of 100% (one hundred percent) of total contract value after receipt of contract.

### **Prevailing Wage**

Prevailing Wage IS NOT required.

### **Time of Completion**

Successful bidder shall begin the Work on receipt of the Notice to Proceed and shall complete the Work (Substantial Completion) no later than **a date to be determined by mutual agreement, but as soon as possible.**

### **Liquidated Damages**

**Completion of this project before the agreed upon deadline is imperative.** At the sole discretion of the Director of Facilities, liquidated damages in the amount of Two-Hundred-Fifty Dollars (\$250.00) per calendar day will be assessed against the Contract if the project is not completed by the date indicated.

### **Clean-Up**

The Contractor will keep the premises free from accumulations of debris and waste materials caused by its employees in performance of the work. At completion of the project, Contractor shall remove all crating, packaging, waste and debris from the building and the site, and all tools, scaffolding and surplus materials, and shall leave the building and site "broom clean" or its equivalent.

### **Permits, Codes and Ordinances**

Each Contractor shall file and pay for required permits affecting its work (if applicable). Each contractor shall conform to applicable codes and ordinances, including OSHA requirements.

### **Damage to District Property**

Contractor at its own expense shall promptly remedy and repair all damages or loss to any property caused in whole or part by its employees, subcontractor(s), supplier or anyone directly or indirectly employed by either of them, or by anyone for whose acts either of them may be liable.

**No Smoking:** The District adheres to the mandatory "No Smoking" policy on school premises and/or at school functions. All bidders shall comply with this "No Smoking" policy.

**BID FORM**

By signing this bid form, the vendor certifies the forms being offered meets or exceeds all requirements and conditions of the bid, special provisions and specifications. In compliance with the above and subject to all the conditions hereof, the undersigned offers and agrees to furnish all items upon which prices are quoted, at the price set opposite each item.

The undersigned certifies that no Federal, State, County or Municipal tax is included in the above quoted prices and that none will be added. Public schools are TAX EXEMPT. Exemption certificates will be provided upon request.

<b>Whittier Elementary Base Bid</b>	
<b>Demolition/Removal/Haul Away of Existing Windows</b> (Include all labor, materials and other costs)	\$
<b>New Windows</b> (Include all labor, materials and other costs)	\$
<b>Total Base Bid</b>	\$
Number of Days After Receipt of Order to Start Project	Days
Number of Days to Complete Project	Days

<b>North Central Office Early Childhood Center Base Bid</b>	
<b>Demolition/Removal/Haul Away of Existing Windows</b> (Include all labor, materials and other costs)	\$
<b>New Windows</b> (Include all labor, materials and other costs)	\$
<b>Total Base Bid</b>	\$
Number of Days After Receipt of Order to Start Project	Days
Number of Days to Complete Project	Days

**Total Cost All Locations**      \$

<b>Designations</b>		<b>If Yes, Please Identify Certified Designation</b>
<b>MBE/WBE/Other Certification</b> Is your firm certified MBE/WBE or Other? (Circle One)>>	Yes / No	

WE HEREBY AGREE TO FURNISH THE ITEMS ON WHICH PRICES ARE QUOTED ABOVE IN ACCORDANCE WITH ALL TERMS AND CONDITIONS PREVIOUSLY LISTED AND ANY ATTACHED SPECIFICATIONS.

BY:	_____	DATE	_____
TITLE:	_____	FIRM:	_____
PHONE:	_____	EMAIL:	_____

## **ATTACHMENT A**

### **USD 500 STANDARD TERMS AND CONDITIONS**

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1. SCOPE: The following terms and conditions shall prevail unless otherwise modified by U.S.D. 500 within this bid document. U.S.D. 500 reserves the right to reject any bid which takes exception to these terms and conditions.
2. DEFINITIONS AS USED HEREIN:
  - a. The term "bid request" means a solicitation of a formal sealed bid.
  - b. The term "bid" means the price offered by the bidder.
  - c. The term "bidder" means the offeror or vendor.
  - d. The term "U.S.D. 500" means Unified School District No. 500.
  - e. The term "Board of Education" or "BOE" means the governing body of Unified School District No.500
3. COMPLETING BID: Bids must be submitted ONLY on the form provided in this bid document. All information must be legible. Any and all corrections and /or erasures must be initialed. Each bid sheet must be signed by the authorized bidder and required information must be provided.
4. CONFIDENTIALITY OF BID INFORMATION: Each bid must be sealed and submitted in or under cover of the enclosed envelope to provide confidentiality of the bid information prior to the bid opening. Supporting documents and/or descriptive literature may be submitted with the bid or in a separate envelope marked "Literature for Bid (Number)." Do NOT indicate bid prices on literature. All bids and supporting bid documents become public information after the bid opening and are available for inspection by the general public in accordance with the Kansas Open Records Act.
5. ACCURACY OF BID: Each bid is publicly opened and is made part of the public record of U.S.D. 500. Therefore, it is necessary that any and all information presented is accurate and/or will be that by which the bidder will complete the contract. If there is a discrepancy between the unit price and extended total, the unit price will prevail.
6. SUBMISSION OF BID: Bids are to be sealed and submitted to the Purchasing Department Office, 2010 North 59<sup>th</sup> Street, Room 370, Kansas City, Kansas, 66104, prior to the date and time indicated on the cover sheet.
7. ADDENDA: All changes in connection with this bid will be issued by the Purchasing Office in the form of a written addendum. Signed acknowledgement of receipt of each addendum must be submitted with the bid.
8. LATE BIDS AND MODIFICATION OR WITHDRAWALS: Bids received after the deadline designated in this bid document shall not be considered and shall be returned unopened.
9. BIDS BINDING: All bids submitted shall be binding upon the bidder if accepted by U.S.D. 500 within sixty (60) calendar days after the bid opening.
10. EQUIVALENT BIDS: When brand or trade names are used in the bid invitation, it is for the purpose of item identification and to establish standards for quality, style and features. Bids on equivalent items of substantially the same quality, style and features are invited unless items are marked "No Substitute." Equivalent bids must be accompanied by descriptive literature and/ or samples may be required and shall be supplied at no charge to the school district.
11. NEW MATERIALS, SUPPLIES AND EQUIPMENT: Unless otherwise specified, all materials, supplies or equipment offered by a bidder shall be new, unused, of recent manufacture, first class in every respect, and suitable for their intended purpose. All equipment shall be assembled and fully serviced, ready for operation when delivered.
12. WARRANTY: Supplies or services furnished as a result of this bid shall be covered by the most favorable commercial warranties, expressed or implied, that the bidder and/or manufacturer gives to any customer. The rights and remedies provided herein are in addition to and do not limit any rights afforded to U.S.D. 500 by any other clause of this bid reserves the right to request from bidders a separate manufacturer certification of all statements made in the Proposal.
13. METHOD OF AWARD AND NOTIFICATION: Bids will be analyzed and the award made to the lowest and best, responsive and responsible bidder(s) whose bid conforms to the specifications and whose bid is considered to be the best value in the opinion of U.S.D. 500.
14. U.S.D. 500 reserves the right to reject any or all bids and any part of a bid: to waive informalities, technical defects, and minor irregularities in bids received: and to award the bid on an item by item basis by specified groups of items or to consider bids submitted on an "all or nothing "basis if the bid is clearly designed as such or when it is determined to be in the best interest of U.S.D. 500.
15. The signed bid shall be considered an offer on the part of the bidder: such offer shall be deemed accepted upon the issuance by U.S.D. 500 of a Purchase Order or other contractual document.
16. DELIVERY TERMS: All deliveries shall be F.O.B. Destination and all freight charges shall be included in the bid price.
17. DAMAGED AND/OR LATE SHIPMENTS: U.S.D 500 has no obligation to accept damaged shipments and reserves the right to return at the vendor's expense damaged merchandise even though the damage was not apparent or discovered until after receipt of the items. The Vendor is responsible to notify U.S.D. 500 Purchasing Office of any late or delayed shipments. U.S.D. 500 reserves the right to cancel all or any part of an order if the shipment is not made as promised.
18. CREDIT TERMS: Bidder shall indicate all discounts for full and/or prompt payment. Discounts shall be considered as a cost factor in the determination of award, except discounts offered for payment within less than ten (10) calendar days. Discounts offered shall be computed from date of receipt of correct invoice or receipt and acceptance of products, whichever is later.

19. SELLER'S INVOICE: Invoices shall be prepared and submitted in duplicate to address shown on the Purchase Order. Invoices shall contain the following information: Purchase Order number, contract number, item number, description of supplies or services, sizes, unit of measure, quantity, unit price and extended totals.
20. TAX EXEMPT: U.S.D. 500 is exempt from Federal, State and local taxes by KS-FZLEKBLQ. Sites of all transactions under the order(s) that shall be derived from this bid request shall be deemed to have been accomplished within the State of Kansas.
21. SAFETY: All practices, materials, supplies and equipment shall comply with the federal Occupational Safety and Health Act, as well as any pertinent Federal, State and/or local safety or environmental codes.
22. DISCLAIMER OR LIABILITY: U.S.D. 500 will not hold harmless or indemnify any bidder for any liability whatsoever.
23. TERMINATION RIGHTS: KCKPS shall have the right to terminate/cancel the Agreement for its convenience and without penalty upon thirty (30) days prior written notice to the contractor.
24. HOLD HARMLESS: The contractor agrees to protect, defend, indemnify and hold the Board of Education, its officers, employees and agents free and harmless from and against any and all losses, penalties, damages, settlements, costs, charges, professional fees or other expenses or liabilities of every kind and character arising out of or relating to any and all claims, liens, demands, obligations, actions, proceedings or causes of action of every kind and character in connection with or arising directly or indirectly out of this agreement and/or the performance hereof. Without limiting the generality of the foregoing, any and all such claims, etc., relating to personal injury, infringement of any patent trademark, copyright (or application for any thereof) or of any other tangible or intangible personal or property right, or actual or alleged violation of any applicable statute, ordinance, administrative order, rule or regulation, or decree of any court, shall be included in the indemnity hereunder. The contractor further agrees to investigate, handle, respond to, provide defense for and defend any such claims, etc., at his/her sole expense and agrees to bear all other costs and expenses related thereto, even if such claim is groundless, false or fraudulent.

**NO MUTUAL INDEMNIFICATION:**

K.S.A.72-8201a: Contracts; indemnification or hold harmless provisions, void.

- (a) It is the public policy of the state of Kansas that all contracts entered into by the board of education of a school district, or any officers or employees thereof acting on behalf of the board, provide that the school district and board of education shall be responsible solely for the district's or board's actions or failure to act under a contract.
  - (b) The board of education of a school district or any officers or employees thereof acting on behalf of the board shall not have the authority to enter into a contract under which the school district or board agrees to, or is required to, indemnify or hold harmless against damages, injury or death resulting from the actions or failure to act on the part of any party to a contract other than the board or district.
  - (c) The provisions of any contract entered into in violation of this section shall be contrary to the public policy of the state of Kansas and shall be void and unenforceable.
25. INSURANCE: Upon receipt of award, Contractor shall provide Certificate of Insurance as required within three (3) days after notification issued by the Purchasing Department.
    - A. The following general insurance requirements apply to any and all work under this contract by all Contractors and subcontractors of any tier.
      - (1) Any and all insurance required by this contract with each and any and all insurance required by this contract shall be maintained during the entire length of this contract, including any extensions thereto, and until all work has been completed to the satisfaction of the Kansas City Kansas Public Schools. Any and all insurance must be on an occurrence basis.
      - (2) No Contractor or subcontractor shall commence work under a contract until all insurance requirements contained within the solicitation have been complied with and until evidence of all insurance requirements in each and every contract with each and every subcontractor of any tier and shall require the same to comply with all such requirements.
      - (3) The Kansas City Kansas Public Schools shall be covered as an Additional Insured under any and all insurance required by this contract. Confirmation of this shall appear on all certificates of insurance and on any and all applicable policies. The title of the awarded contract shall also appear on any and all applicable policies.
      - (4) The Kansas City Kansas Public Schools shall be given no less than thirty (30) days' written notice of cancellation. The Kansas City Kansas Public Schools shall be given not less than thirty (30) days' prior written notice of material changes of any insurance required under this contract. The Kansas City Kansas Public Schools shall be given written notice of renewal of coverage not less than thirty (30) days prior to the expiration of any particular policy.
      - (5) Each and every agent shall warrant when signing the certificate of insurance that he is acting as an authorized representative on behalf of the companies affording insurance coverage under the contract and that he is licensed by the State of Kansas to conduct insurance business in the State of Kansas and that the companies affording insurance coverage are currently licensed by the State of Kansas and are currently in good standing with the Commissioner of Insurance for the State of Kansas.
      - (6) Any and all companies providing insurance required by this contract shall meet the minimum financial security requirements as set forth below. The rating for each company must be indicated on the certificate of insurance. For all contracts, regardless of risk, companies providing insurance under this contract must have a current:
        - (a) Best's Rating not less than A, and



- (b) Best's Financial Size Category not less than Class VII
  - a. In the event the Contractor neglects, refuses, or fails to provide insurance required by the contract documents, or if such insurance is canceled for any reason, Kansas City Kansas Public Schools shall have the right, but not the duty, to procure the same, and the cost thereof shall be deducted from monies then due or thereafter to become due to the Contractor or Kansas City Kansas Public Schools shall have the right to cancel the contract.
- B. Worker's Compensation and Employer's Liability Insurance
 

The Contractor shall procure and maintain Worker's Compensation and Employer's Liability Insurance in the following limits. Such insurance is to cover each and every employee who is or may be engaged in work under this contract.

Worker's Compensation.....	Statutory
<u>Employer's Liability</u>	
Bodily Injury by Accident.....	\$1,000,000 each accident
Bodily Injury by Disease.....	\$1,000,000 each employee
Bodily Injury by Disease.....	\$1,000,000 policy limit
- C. Comprehensive General Liability Insurance
 

The Contractor shall procure and maintain Comprehensive Insurance in an amount not less than \$1,000,000 for bodily injury and property damage combined single limit. The following specific extensions of coverage shall be provided and indicated on the certificate of insurance:

  - (1) Comprehensive Form
  - (2) Contractual Insurance
  - (3) Personal Injury
  - (4) Broad Form Property Damage
  - (5) Premises – Operations
  - (6) Completed Operations

This coverage shall cover the use of all equipment, hoists, and vehicles on the site(s) not covered by Automobile Liability under this contract. Policy coverage must be on an occurrence basis.
- D. Automobile Liability Insurance
 

The Contractor shall procure and maintain Automobile Liability Insurance in an amount not less than \$1,000,000 for bodily injury and property damage combined single limit. The following extensions of coverage shall be provided and indicated on the certificate of insurance.

  - (1) Comprehensive Form
  - (2) Owned, Hired, Leased and non-owned vehicles

If the Contractor does not own any vehicles in the corporate name, non-owned vehicles coverage shall apply and must be endorsed on either the Contractor's personal automobile policy or the Comprehensive General Liability coverage required under this contract.
- E. Commercial Crime insurance (when applicable)
 

The Contractor shall procure and maintain Commercial Crime/Fidelity insurance in an amount not less than \$1,000,000.00, including coverage for theft or loss of KCKPS property.
- 26. LAW GOVERNING: All contractual agreements shall be subject to, governed by, and construed according to the laws of the State of Kansas.
- 27. ANTI-DISCRIMINATION CLAUSE: No bidder on this request shall in any way, directly or indirectly, discriminate against any person because of age, race, color handicap, sex, national origin, or religious creed.
- 28. BID BOND/PERFORMANCE BOND (Applicable to Construction/Remodel/Repair Projects, Unless Waived by the District)
  - A. Each proposal must be accompanied by a certified or cashier's check, or a bid bond in the amount of five percent (5%) of the contractor's total bid.
  - B. A Performance Bond and a Material and Labor Payment Bond in amounts equal to one hundred percent (100%) of the contract price shall be furnished by the successful bidder. Bonds shall be issued by a surety acceptable to the Board.
- 29. DISQUALIFICATION:
  - A. The Director of Purchasing may, at her/his sole discretion, disqualify a bidder for one or any combination of the following reasons:
    - 1. Bidder's product does not meet the specifications or bid conditions of the solicitation;
    - 2. Bidder's tendered bid is not received on the District's bid form;
    - 3. Bidder's tendered bid is not signed;
    - 4. Required bid bond is not furnished at time of bid opening;
    - 5. Failure to comply with bid instructions, terms and conditions that are judged to be essential to the competitive process and in the best interests of the District.
  - B. Disqualification of bidders on future bids may be considered for any one or combination of the following reasons:

1. Refusal of the bidder to complete a contract or bid;
  2. Bidder's past history of late deliveries or partial/incomplete shipments,
  3. Bidder's products or services have proven unreliable, unworkable or have not accomplished the result requested in the District's specifications.
30. SUPPLIER DIVERSITY: The Kansas City Kansas Public Schools encourages supplier diversity and participation of MBE/WBE/DBE designated businesses. However, such participation will not result in any selection or scoring advantage in the bid evaluation process.

**Attachment B – Construction Documents**

# Whittier Elementary School (WES)

## &

# North Central Office Early Childhood Center

Kansas City Kansas Public School District

2010 N 59 St,

Kansas City, KS 66104

## CONSTRUCTION DOCUMENTS

we design the future™

1828 Walnut Street Suite 922  
Kansas City, MO 64108  
1 816.442.7700

115 Wilcox Street Suite 210  
Castle Rock, CO 80104  
1 720.949.1689

HOLLISANDMILLER.COM

Hollis + Miller Architects  
Kansas State Certificate of Authority  
Architecture # A-138  
Structural # E-134

hollis + miller architects  
miller

### ABBREVIATIONS

<b>A</b> ACT acoustical ADJ adjustable/adjacent AFF above finish floor ALUM aluminum ALT alternate ANOD anodized APPROX approximate(ly) ARCH architect(ural)	<b>F</b> FA fire alarm FD floor drain FND foundation FE fire extinguisher FEC fire extinguisher cabinet FF finish floor FH fire hose FIN finish(ed) FXT fixture FLR floor FLEX flexible FOM face of masonry FOPC face of precast FOS face of stud FT (') foot FTG footing FV field verify	<b>M</b> MAS masonry MATL material MAX maximum MB markerboard MECH mechanical MEP mechanical/electrical/plumbing MFR manufacturer MIN minimum MISC miscellaneous MO masonry opening MTD mounted MTG HT mounting height MTL metal MULL mullion	<b>S</b> S south SCHED schedule SECT section SF square foot SHT sheet SHWR shower SIM similar SPEC specification SQ square SSTL stainless steel STC sound transmission coefficient STD standard STL steel STRUCT structure(al) SUSP suspend(ed) SY square yard SYM symmetrical
<b>B</b> BLDG building BLKG blocking BM beam BOT bottom of BRG bearing BRKT bracket BTM bottom BSMT basement BTWN between	<b>G</b> GA gauge GALV galvanized GC general contractor GEN general GL glass GR grade GYP gypsum GYP BD gypsum board	<b>N</b> N north NIC not in contract NO (#) number NOM nominal NRC noise reduction coefficient NTS not to scale	<b>T</b> T&B top & bottom T&G tongue & groove TO top of TOC top of curb TOM top of masonry TOS top of slab/steel TOW top of wall TS tube steel TYP typical
<b>C</b> CAB cabinet CC center to center CEM cement(tious) CG corner guard CJ control joint CLG ceiling CLR clear(ance) CM construction manager CMU concrete masonry unit COL column CONC concrete CONST construction CONT continuous CTR center CY cubic yard(s)	<b>H</b> HC handicapped HD head HDWD hardwood HDWR hardware HM hollow metal HORIZ horizontal HR hour HT height HVAC heating, ventilation & air conditioning	<b>O</b> OC on center OD outside diameter OTS open to structure OPNG opening OPP opposite	<b>U</b> UNO unless noted otherwise
<b>D</b> DF drinking fountain DIA diameter DIM dimension(s) DN down DS downspout DTL detail DWG drawing	<b>I</b> ID inside diameter IN (") inch(es) INDV individual INFO information INSUL insulation INT interior	<b>P</b> PAR parallel PCP portland cement plaster PERP perpendicular PL property line PLBG plumbing PLYWD plywood PNL panel PR pair PREFAB prefabricated PTD painted PVC polyvinyl chloride	<b>V</b> VERT vertical VTR vent thru roof
<b>E</b> EA east EF each face EIFS exterior insulation finish system EJ expansion joint ELEC electrical ELEV elevation EQ equal EQUIP equipment ETR existing to remain EW each way EXIST existing EXP expansion EXT exterior	<b>J</b> JST joist JT joint	<b>R</b> RAD radius RD roof drain RE refer to REINF reinforcing (ed) REV reversed REQ'D required RFG roofing	<b>W</b> W west WD wood WDO window W/ with W/O without
<b>J</b> JST joist JT joint	<b>K</b> KIT kitchen	<b>Y</b> YD yard	<b>SYMBOLS</b> / per (or by) & and @ at [ channel ◊ centerline ∅ diameter/round ± plus/minus

### SYMBOL LEGEND

	BRICK (in section)	Classroom A101	RM NAME RM NUMBER
	CONCRETE MASONRY UNIT - CMU (in section)	A123	DOOR NUMBER
	CONCRETE (in section)	A	WALL TYPE
	GYP BD (in section)	A	FRAME TYPE
	PLYWOOD (in section)	1	GLASS TYPE
	RIGID INSUL & EIFS (in section)	A101	SECTION CUT LINE
	BATT INSUL (in section)	A1	ELEVATION SYMBOL
	ACUSTICAL TILE (in section)	A1, A2, A3	ELEV NUMBER SHEET NUMBER
	STUCCO (in section)	A1, A2, A3	ENLARGED DETAIL
	SAND	Joist Bearing	DATUM MARKER
	CONTINUOUS LUMBER	100'-0"	
	BLOCKING/SHIM		
	FINISH LUMBER/HARDWOOD		
	STEEL OR METAL		
			MATERIAL JOINT
			BUILDING EXPANSION JOINT

### INDEX OF DRAWINGS

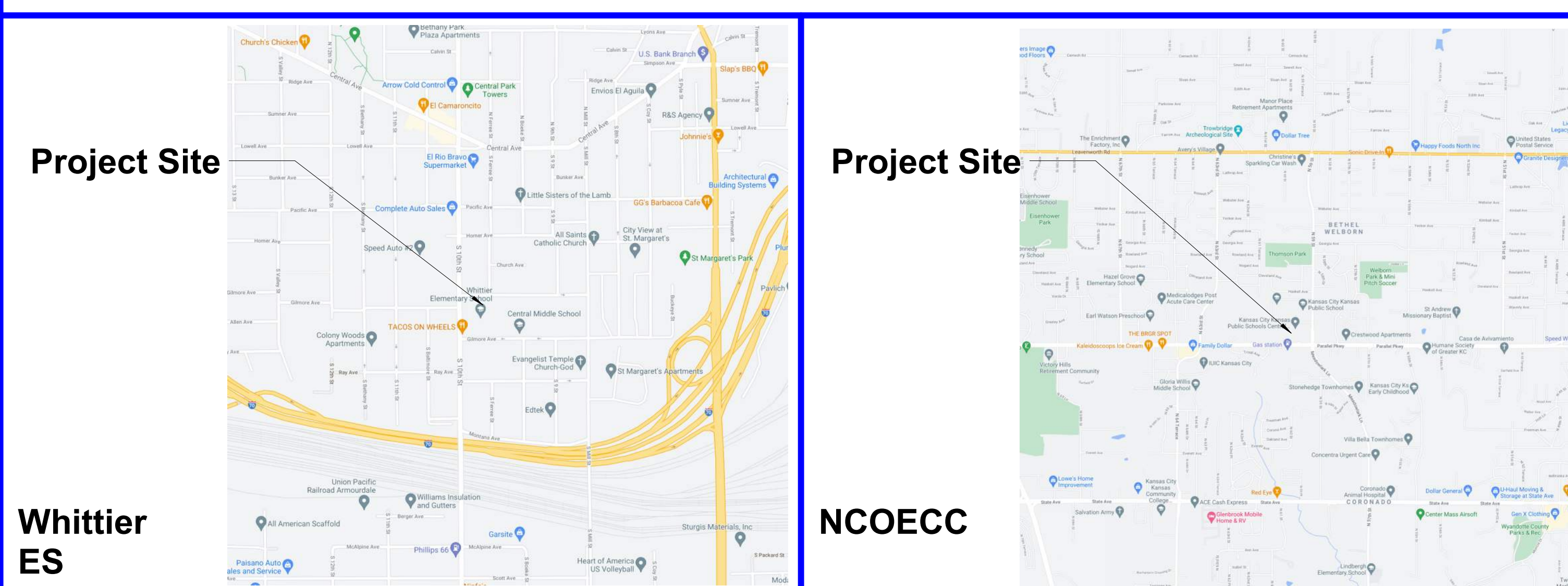
GENERAL	G000 COVER SHEET
DEMOLITION - ARCHITECTURE	DA101 DEMOLITION FLOOR PLAN - WHITTIER ES
	DA102 DEMOLITION FLOOR PLAN - NCOECC
ARCHITECTURE	A101 FLOOR PLANS - WHITTIER ES
	A102 FLOOR PLAN - NCOECC
	A500 DOOR SCHEDULE, TYPES, FRAMES
	A501 WINDOW DETAILS

ADD ALTERNATE #1: NCOECC - ADD OPERABLE WINDOW INSERT AT ALL EXISTING LOCATIONS AS SHOWN ON ELEVATIONS A1, D1 AND H1 ON DA102. REFERENCE WINDOW SPEC FOR TYPE.

### DESIGN TEAM

**ARCHITECT:**  
Hollis + Miller Architects  
1828 Walnut Street Ste 922  
Kansas City, MO 64108  
CONTACT: Kate Waynick  
PHONE: 816.442.7700  
FAX: 816.599.2545

### VICINITY MAP



CONSTRUCTION DOCUMENTS

Whittier ES & NCOECC Window Replacement  
Kansas City Kansas Public School District  
2010 N 59 St,  
Kansas City, KS 66104

### REVISIONS:

#	Description	Date



Keegan Jackson  
4127

The Professional Architect and shall be held responsible for the design and construction of this project. All drawings, specifications and contracts are subject to the terms and conditions of the contract and the architect's standard terms and conditions of service.

JOB NO: 21029  
DRAWN BY: VP  
CHECKED BY: SB  
DATE: 10/21/2021

# G000

DIVISION 2: DEMOLITION / EXISTING CONDITIONS

- 1. Refer to drawings for demolition requirements. Scope includes, but is not limited to: removing and replacing existing windows, trim, flashing and metal panels.
a. Coordinate demolition of any mechanical, electrical and plumbing items with the Owner.
b. Submit a schedule indicating proposed sequence of operations for selective demolition work to Architect for general prior to start of work.
c. Salvage of existing items to be reused and items to be turned over to the Owner.
d. Damages: Promptly repair damages to existing construction to remain caused by demolition work.

DIVISION 6: CARPENTRY

- 1. GENERAL: Lumber shall comply with DOC PS 20 "American Softwood Lumber Standard". All dimension and framing lumber shall be Douglas fir or southern pine.
2. WOOD PANEL PRODUCTS: All wood panel products shall be appropriately graded to comply with DOC PS 1 "US Product Standard for construction and industrial plywood; products not manufactured under DOC PS-1 provisions shall comply with APA PRP-108.
3. Comply with AF&PA's WCD 1, "Details for Conventional Wood Frame Construction".
4. Provide and install all necessary items of wood framing, nailers, blocking, etc., as indicated and required sound construction.
5. Blocking and Nailers: All lumber and plywood shall be preservative treated according to AWPA U1 requirements for use category UC2, minimum.
6. Flexible Flashing (061000.A24): Provide self-adhering, polyethylene-sheet-backed rubberized asphalt membrane, not less than 40 mils thick.
7. INTERIOR FINISH CARPENTRY: General. Comply with AWI Sections 300 and 500 for "Premium Grade requirements."

PAGE 1

- 8. GLASS:
a. General: Intent is to match tint of existing glass. Glass Type shall be Type 43 as indicated.
1. Primary glass of each (ASTM C 1036), Type 1, Class 1, Quality 4.
2. Heat-treated glass of each (ASTM C 1048) condition indicated.
3. Safety Glass: Products complying with ANSI Z97.1 and testing requirements of 16 CFR Part 1201 for Category II materials.
c. Insulating Glass Certification Program: Provide insulating glass units permanently marked with certification label of Safety Glazing Certification Council (SGCC) or other certification agency acceptable to authorities having jurisdiction.
d. Insulating Glass Type 43 - Tinted low-E Insulated Fully Tempered Glass (088000.A43): Provide 1 inch thick unit constructed of 1/4" clear fully tempered exterior lite conforming to ASTM C 1048, Condition A, Kind FT, Type 1, Class 2 (tinted), Quality 4, 1/2" air space and 1/4" clear fully tempered interior lite conforming to ASTM C 1048, Condition A, Kind FT, Type 1, Class 1 and Quality 4. Winter U-value shall not exceed 0.31.

DIVISION 9: FINISHES

- 1. GYPSUM BOARD - General: Gypsum installation shall comply with USG "Gypsum Construction Handbook", latest edition and the Gypsum Association most stringent requirements shall govern.
a. Mold and Moisture Resistant Gypsum Board (092900.A06): Provide 5/8" thick mold and moisture resistant, Type "X" gypsum board.
b. All accessories as required for a complete installation per U.S.G., recommended guidelines.
c. Gypsum Board Trim (092900.A11): Provide zinc-coated steel corner beads, edge trim and control joints which comply with ASTM C 1047.
d. Provide tape, self tapping screws, adhesive, sealant, joint compounds, etc.
e. There shall be no installation of gypsum board until the building is closed in, weather tight and the interior relative humidity within the last 24 hours period ranges from 40 to 60 percent.
f. Finish drywall to a Level 4 finish, unless specifically indicated to receive a Level 5 finish.
g. Patching and repair shall be flush with adjacent surfaces and feathered to create a non-visible transition.
2. PAINTING: Paint shall be delivered, stored and handled in sealed containers from one of the approved paint manufacturers.
a. All paint shall be "low VOC" type to best extent possible.
b. Paint shall be applied when weather, temperature and humidity are acceptable to the manufacturer.
c. Paint shall be applied in the minimum number of coats required, and in the minimum square footage recommended by manufacturer in order to achieve complete and even coverage, and proper mil thickness.
d. All surfaces shall be properly prepared, dirt removed, holes filled, surfaces sanded, in order to achieve a first class look.
e. Basis-of-Design Manufacturers: Sherwin-Williams.
f. Colors: Match existing adjacent color. Colors not specifically indicated will be selected by Architect.
g. Paint schedule:
1) CMU (Latex): Latex primer first coat or Loxon primer and two topcoats of ProMar 200 Zero VOC Interior Latex, sheen shall be eggshell.
2) Gypsum Board (Latex): Latex primer first coat and two topcoats of ProMar 200 Zero VOC Interior Latex, sheen shall be eggshell.

PAGE 4

- d. Install interior finished carpentry level, plumb, true and aligned with adjacent materials. Use concealed shims where necessary for alignment. Scribe and cut to fit adjoining work. Any exposed fasteners shall be countersunk, filled and sanded flush. Standing and running trim shall be installed using full length pieces from maximum lengths to minimize number of joints. Pre-drill pilot holes to avoid splitting.

DIVISION 7: MOISTURE CONTROL AND INSULATION

- 1. INSULATION:
a. Unfaced Fiberglass Batt Insulation (072100.A08): Provide fiberglass insulation as necessary and where indicated to fill miscellaneous voids between windows and adjacent wall construction.
2. INSULATED METAL SPANDREL PANELS (084113.A27): Provide "Mapes-R panel" as manufactured by Mapes Architectural Panels.
3. SHEET METAL FLASHING AND TRIM: Provide all materials, accessories, detailing, and installation for each item which conforms to the recommendations shown in the "Architectural Sheet Metal Manual" published by the Sheet Metal and Air Conditioning Contractors National Association, Inc., (SMACNA), latest edition and as follows:
a. Pre-finished Metal Materials: Fabricate sheet metal flashing and trim from prefinished aluminum or coil coated galvanized steel.
b. Metal Finish: Aluminum shall be dark bronze anodized or coil coated to match existing adjacent windows.
c. Underlayment (076200.A01): Self-adhering, high-temperature, cold-applied, sheet underlayment, 30 mils thick minimum, consisting of slip-resistant, polyethylene-film top surface laminated to a layer of butyl or SBS-modified asphalt adhesive, with release-paper backing.
d. Counter Flashing (076200.A18): Fabricate and install counterflashings as shown in SMACNA Manual, Figure 4-3A with receiver or Figure 4-3B (spring locked).
e. Counter flashing receiver (076200.A19): 0.0156" thick stainless steel.
f. Pre-finished Miscellaneous Metal Flashing (076200.A35): Fabricate to configurations indicated.
g. Accessories: Provide all prefinished sheet metal trim, fasteners, sealants, etc., for a complete watertight installation.
4. SEALANTS (079200.A01): Prior to installation of sealants, field-test their adhesion to joint substrates for each type of sealant as recommended by sealant manufacturer.
a. General: All sealants applied against glazing/window framing systems shall be the responsibility of the Glazing Contractor.
b. Exterior sealant shall be Tremco "Spectrum 4-TS", GE Silicone Silpruf or Dow Corning Silicone.
c. Interior sealant shall be multi-part non-sag urethane sealant, Type M, Grade NS, Class 25; use NT (nontraffic), M, G, A, and as applicable to nonporous joint substrates indicated.
5. BACKER ROD: Closed cell polyethylene foam.
a. Install sealants and backers as recommended by sealant manufacturer to meet conditions involved.
b. Sealant with backer rod system (079200.A02).

PAGE 2

- 3) Interior Stained Wood: Sanding sealer first coat, second coat stain, third & fourth coat varnish.
4) Epoxy Paint (099000.A01): In restrooms and other locations where scheduled provide one coat primer and two topcoats of waterbased pre-catalyzed epoxy.
5) Dryfall Paint (099123.A07): 2 coats Waterborne Acrylic Dryfall, sheen as selected by Architect.
6) Exterior ferrous metal: Red primer first coat, water base enamel, second & third coats.
7) Exterior galvanized metal: Galvanized steel primer first coat alkyd enamel second and third coats.
8) Interior ferrous metal: Primer first coat, Alkyd enamel, second & third coats.

DIVISION 12: FURNISHINGS

- 1. HORIZONTAL LOUVER BLINDS (122113.A01): Provide Springs Window Fashions LLC (SWF); Ball Classics 1" Mini Blind.
a. Slats shall be 1 inch wide by 0.006 inch thick aluminum and antistatic and antimicrobial paint finish. Slats shall have a with crowned profile and radiused corners. Colors to be selected from manufacturer's standard range.
b. Headrail shall be 1 by 1-1/2 inches by 0.025 inch thick, U-shaped steel.
c. Bottom Rail: Formed-steel or extruded-aluminum tube, with plastic or metal capped ends top contoured to match crowned shape of slat; with enclosed ladders and tapes to prevent contact with slat.
d. Ladders: Evenly spaced to prevent long-term slat sag. Braided string ladders shall be dyed to match slat color or be a complementary color acceptable to Architect.
e. Provide with top-lock cord and ring pulps.
f. Installation shall be in accordance with louver blind manufacturer's written instructions.

PAGE 5

DIVISION 8: DOORS, WINDOWS, GLASS, HARDWARE

- 1. GENERAL: Existing door hardware shall be salvaged and reused. Existing frames shall be reused, except where indicated. Provide new doors, weatherstripping, sweeps, gaskets and drip heads for a weatherlight installation.
2. ALUMINUM ENTRANCE DOORS (084113.A12): Aluminum and glass entrance doors shall be of size as shown in the drawings and shall be of a Wide Style Design similar to Kawneer "Series 500."
3. ENTRANCE, STOREFRONT FRAMING AND WINDOW SYSTEM: Aluminum entrances and storefront framing (084113.A01) shall be of design as shown in the drawings and shall be similar to Kawneer TriFab 450/451 VG 451T Series.
4. OPERABLE WINDOWS: Operable insert windows indicated for NCOECC shall be an alternate. Windows shall match existing function, style and shall be equipped with screens.
5. HARDWARE: Contractor shall provide all necessary hardware for a complete operation. Reuse existing door hardware. Any new hardware shall match existing.
6. HARDWARE INSTALLATION
a. Carefully inspect doors, frames, and conditions under which hardware will be installed.
b. Mount Hardware units at heights indicated in respective DHI Standards, except as specifically indicated or required to comply with governing regulations, and except as may be otherwise directed by Architect.

PAGE 3

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Kansas State Certificate of Authority
Architecture No. 199
Structure # E-134

Whittier ES & NCOECC Window Replacement
Kansas City Kansas Public School District

2010 N 59 St,
Kansas City, KS 66104

REVISIONS:

Table with 3 columns: #, Description, Date



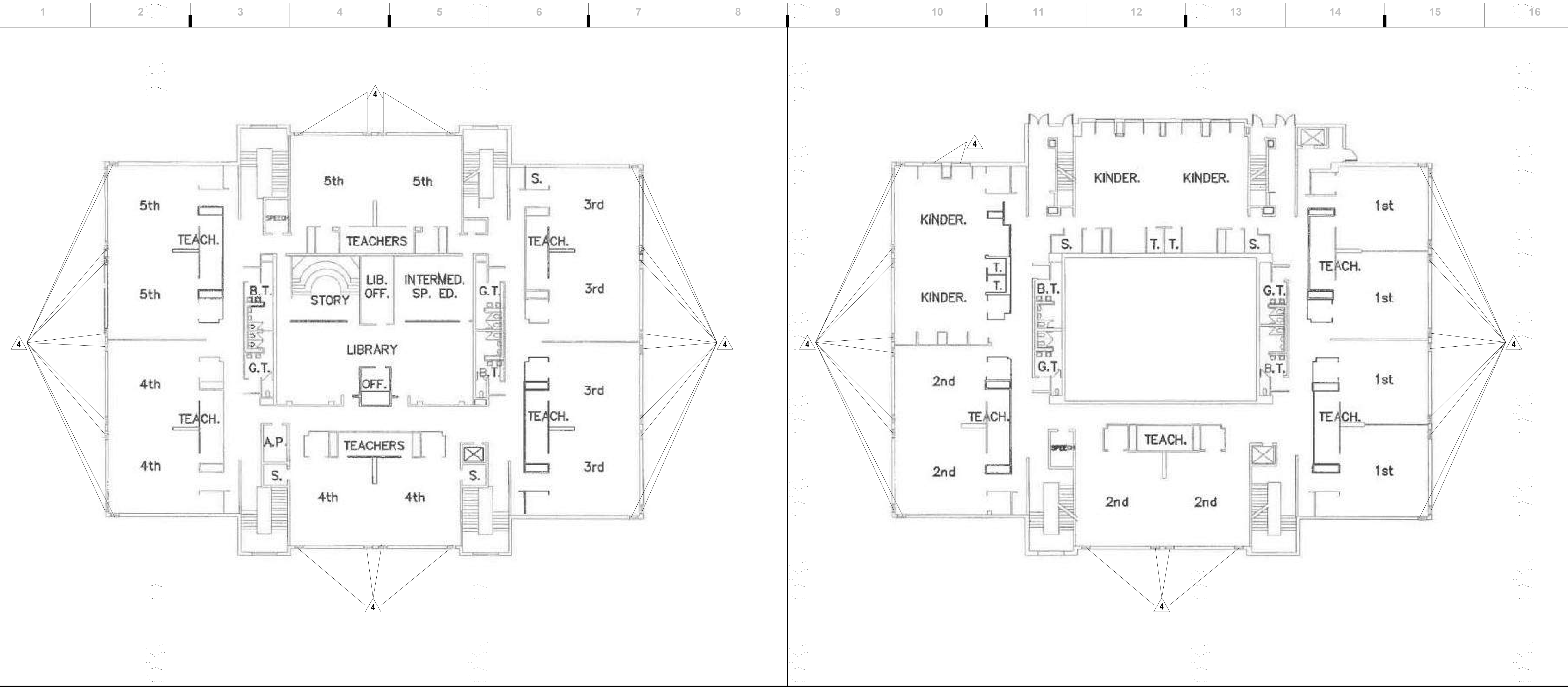
Keegan Jackson
4127

The Professional Architects and Engineers Seal is the official and legal sign of the seal. All drawings, specifications and documents are subject to the seal and shall be subject to the seal. The seal is the property of the Architect and shall not be used for any other purpose without the written consent of the Architect.

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DATE: 10/21/2021

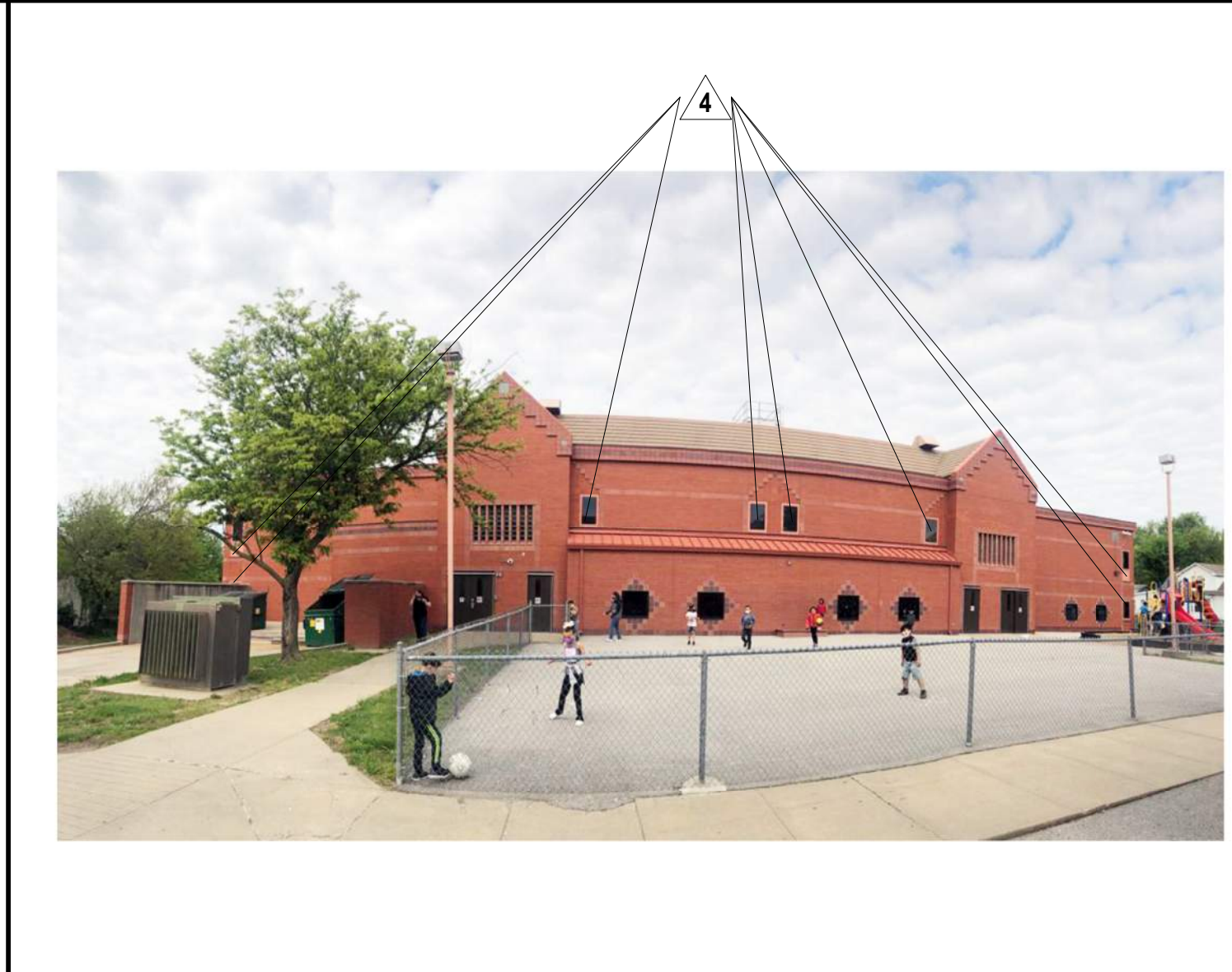
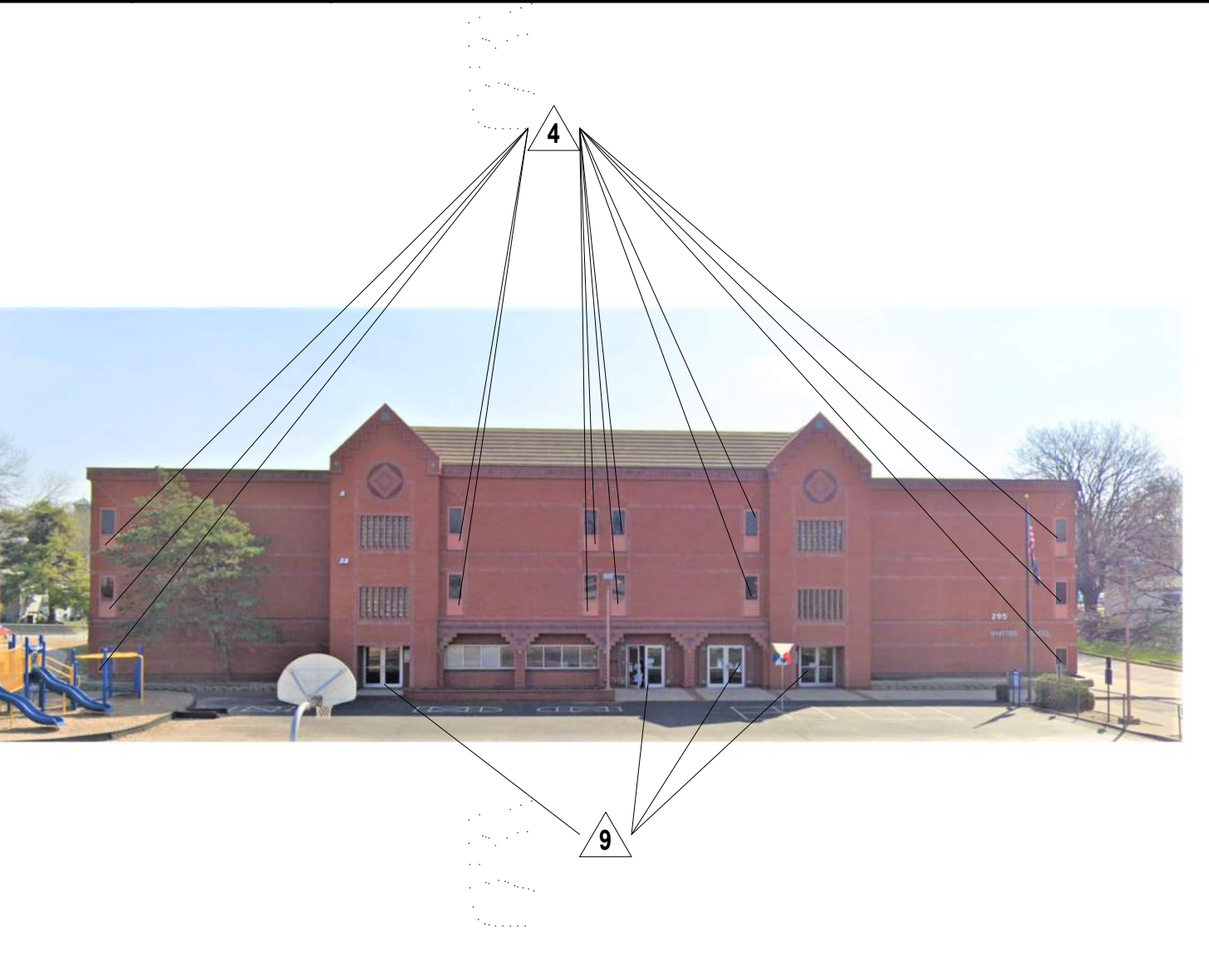
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SPECIFICATIONS
Page 13 of 19



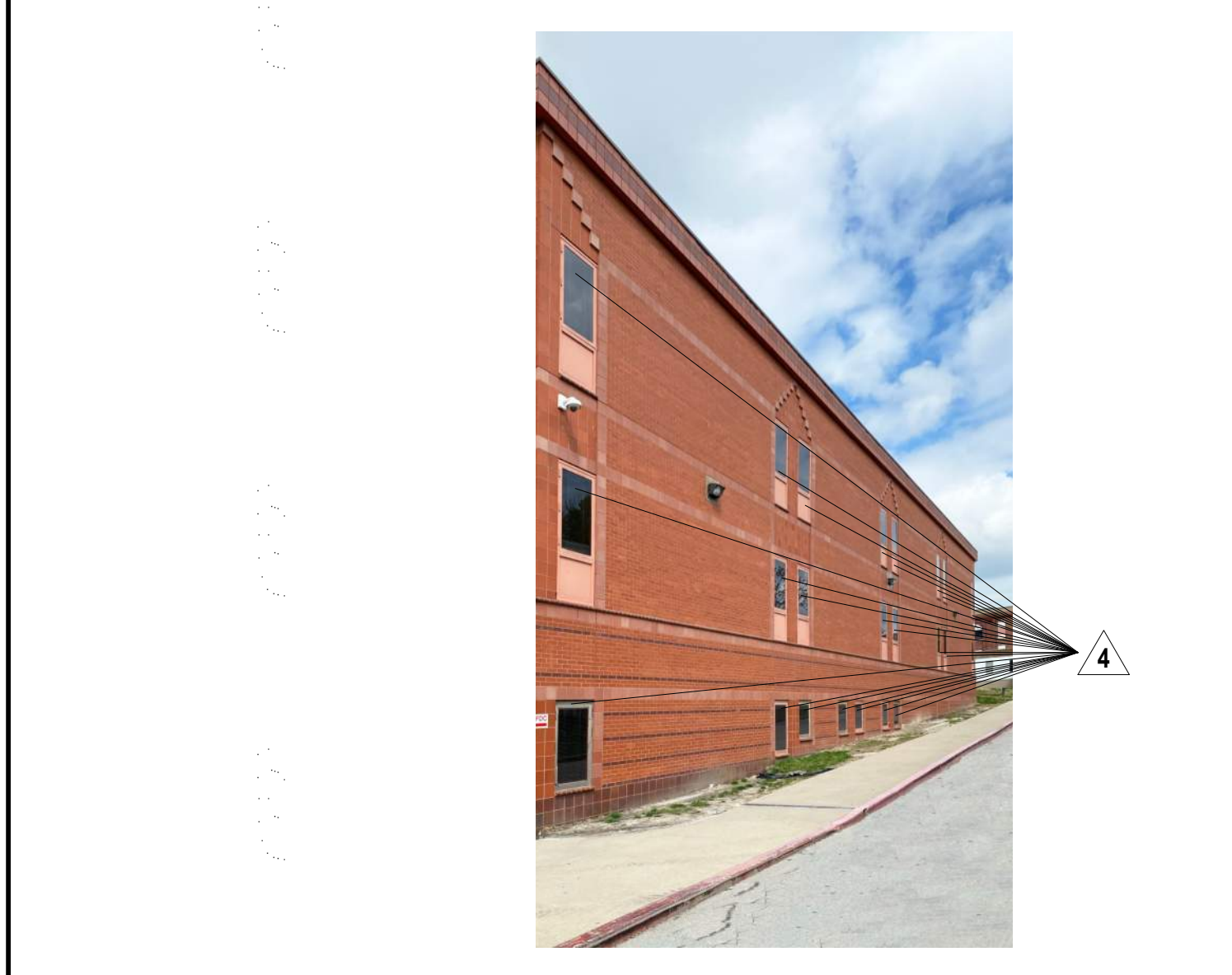
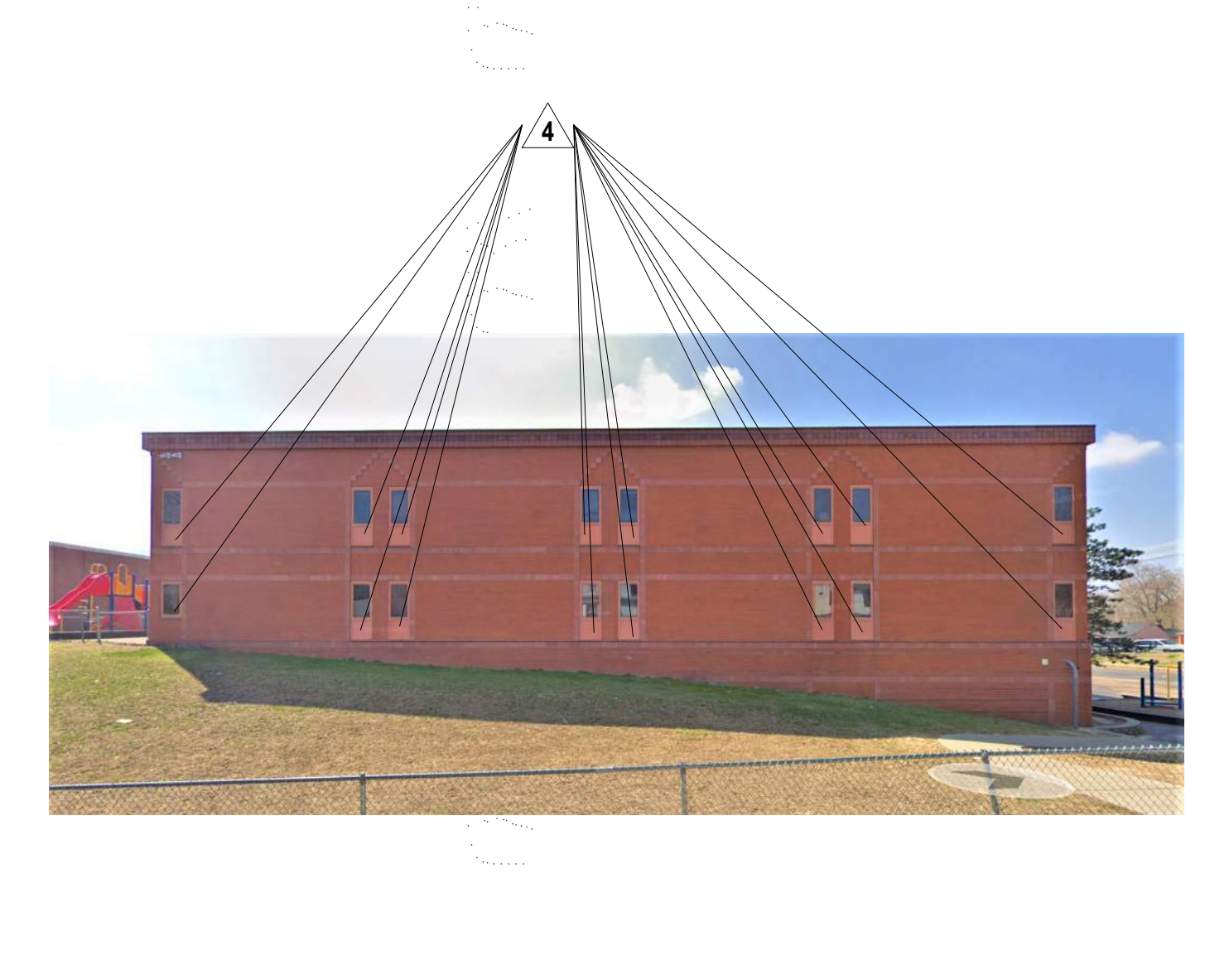
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**J9** Scale 1/16" = 1'-0" Demo Floor Plan Level 2 - Whittier ES



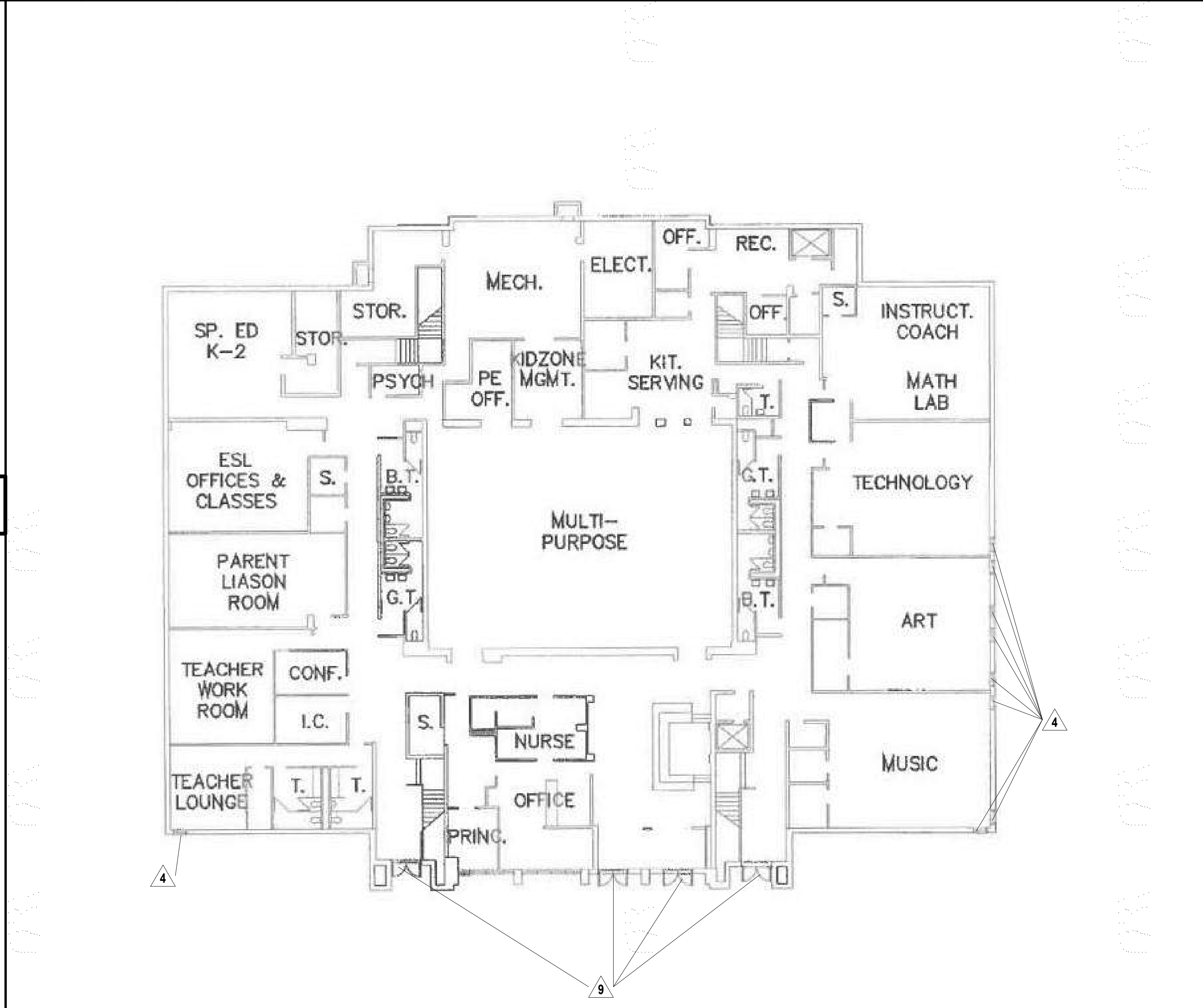
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**A1** Scale No Scale Ref Photo - Existing North Elevation - Whittier ES

**A5** Scale No Scale Ref Photo - Existing South Elevation - Whittier ES



**A9** Scale 1/16" = 1'-0" Demo Floor Plan Level 1 - Whittier ES

**DEMOLITION NOTES**

- WALLS**
- 1 NOT USED
  - 2 NOT USED
  - 3 NOT USED
  - 4 REMOVE EXISTING ALUMINUM OR HOLLOW METAL FRAMED GLAZING SYSTEM. CLEAN ALL EXISTING SEALANT FROM MASONRY AND WALLS.
  - 5 REMOVE EXISTING HOLLOW METAL FRAME, DOOR AND ALL RELATED HARDWARE.
  - 6 REMOVE EXISTING DOOR, SALVAGE HARDWARE FOR NEW DOOR - EXISTING FRAME TO REMAIN.
  - 7 REMOVE EXISTING WOOD TRIM AND SAVE FOR REINSTALLATION.
  - 8 REMOVE METAL PANELS AT COLUMNS AND DOOR.
  - 9 REMOVE EXISTING ALUMINUM DOOR AND HARDWARE. SAVE HARDWARE FOR REINSTALLATION.

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**GENERAL DEMOLITION NOTES**

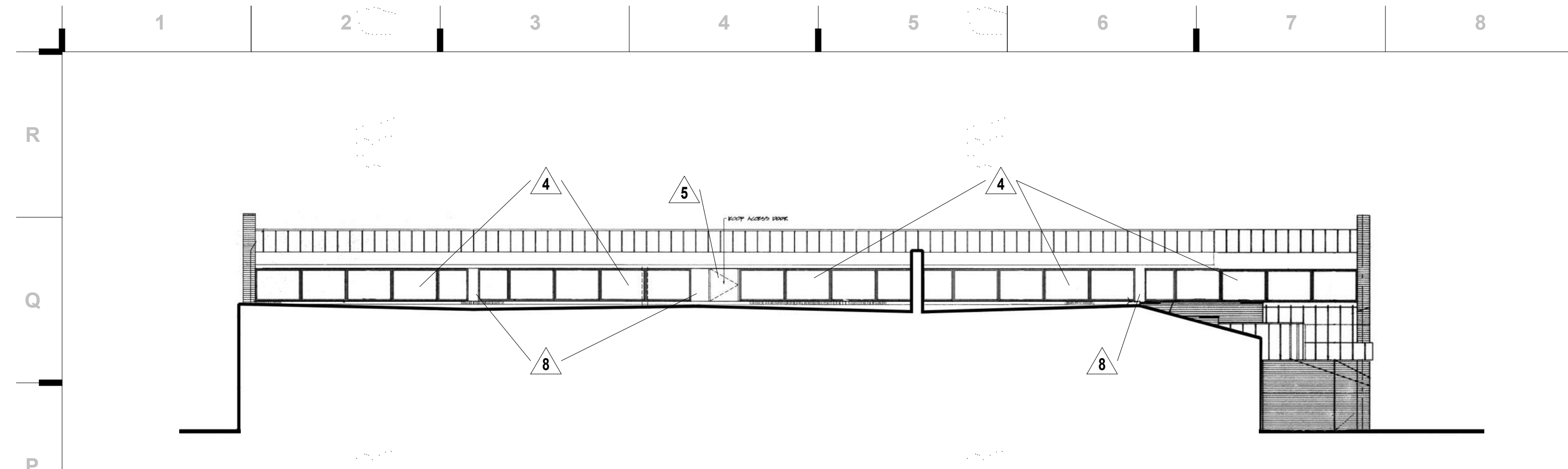
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2. DASHED LINES INDICATE EXISTING CONSTRUCTION TO BE DEMOLISHED/REMOVED
3. EVERY DETAIL OF THE DEMOLITION WORK MAY NOT BE COVERED ON THESE DRAWINGS, BUT THE DEMOLITION CONTRACTOR SHALL COORDINATE WITH THE GC/CM TO ENSURE ALL REQUIRED ITEMS ARE REMOVED IN ORDER FOR NEW WORK TO BE COMPLETED
4. IN AREAS SCHEDULED FOR DEMOLITION, ALL ACCESSORIES ATTACHED TO THE CEILING, FLOOR AND WALLS ARE TO BE REMOVED, INCLUDING BRACKETS, SCREWS, SIGNAGE, SURFACE MOUNTED ELECTRICAL AND TECHNOLOGY; REMOVE ALL WINDOW COVERINGS; MINI-BLINDS, ROLLER SHADES AND ALL BRACKETS
5. THE OWNER WILL IDENTIFY ALL ITEMS TO BE SALVAGED PRIOR DEMOLITION STARTING. CONTRACTOR SHALL SALVAGE AND TURN OVER TO THE OWNER ALL EQUIPMENT IDENTIFIED. ALL REMAINING ITEMS SHALL BE REMOVED BY THE DEMOLITION CONTRACTOR
6. COORDINATE THE REMOVAL OF ALL PORTIONS OF LOAD BEARING ELEMENTS WITH THE STRUCTURAL ENGINEER PRIOR TO REMOVAL. PROVIDE TEMPORARY SHORING AS REQUIRED

#	Description	Date

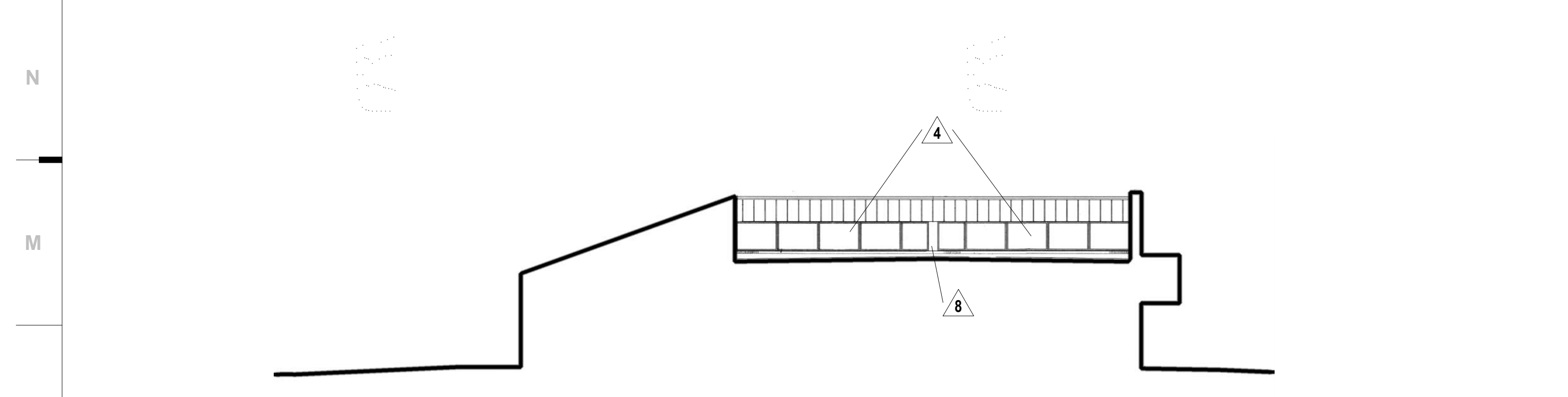


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 4127  
 JOB NO: 21029  
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 CHECKED BY: SB  
 DATE: 10/21/2021

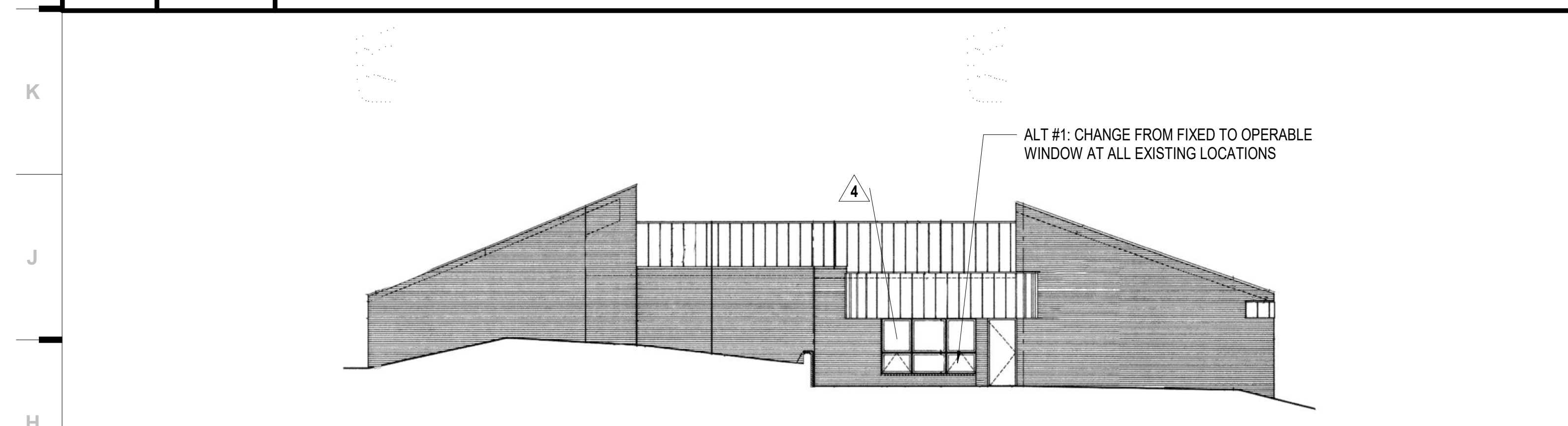
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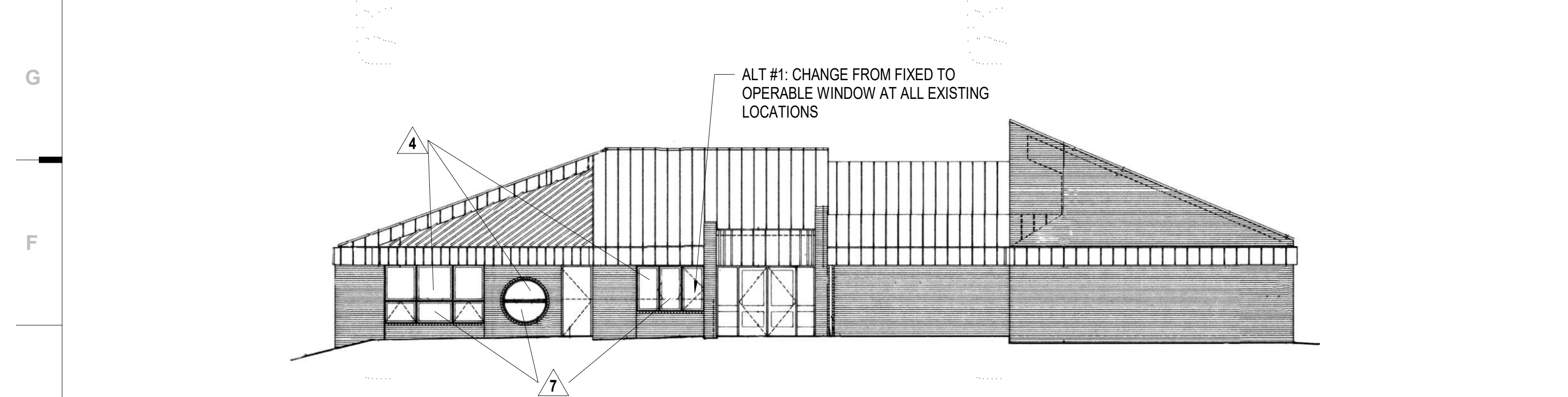
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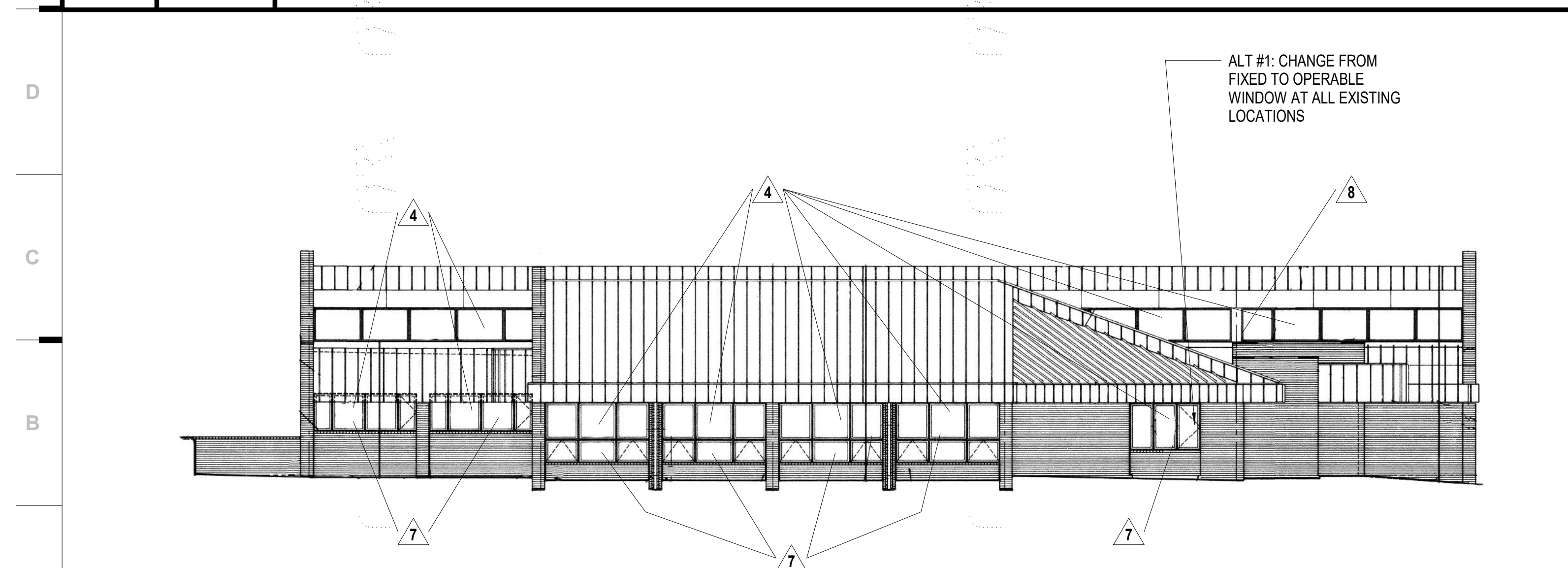
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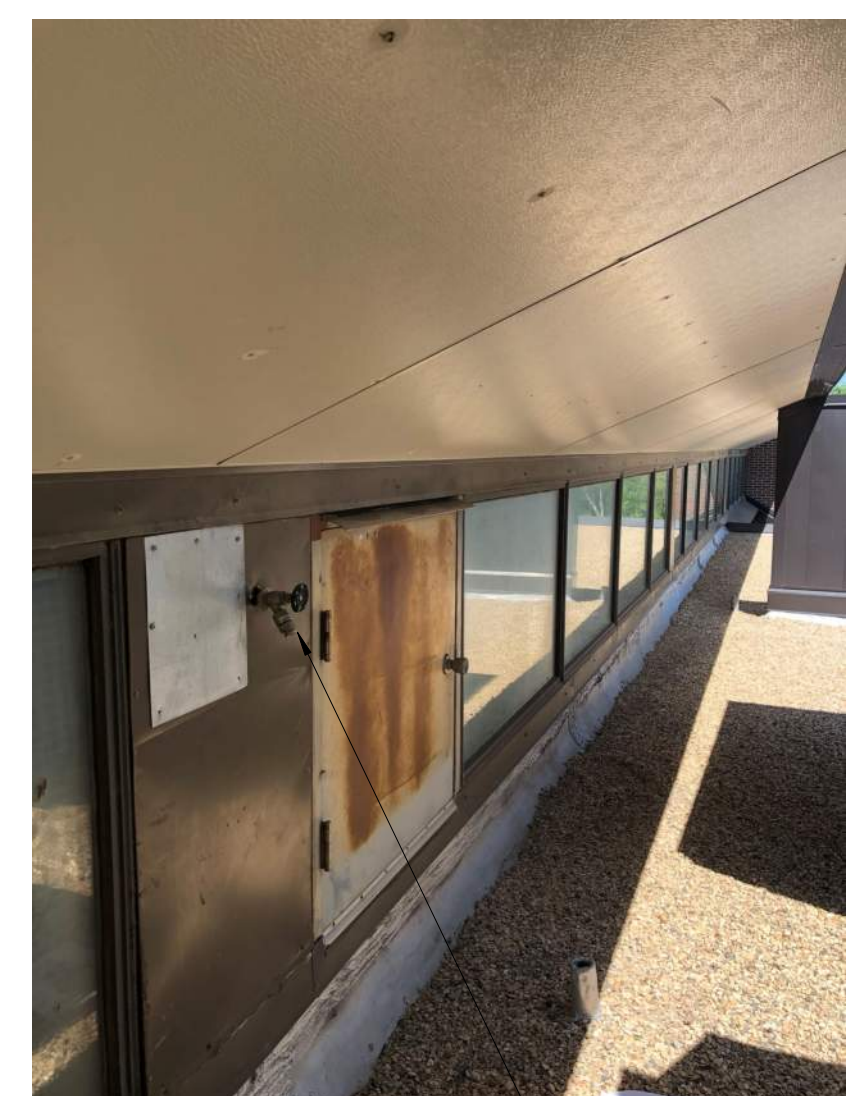
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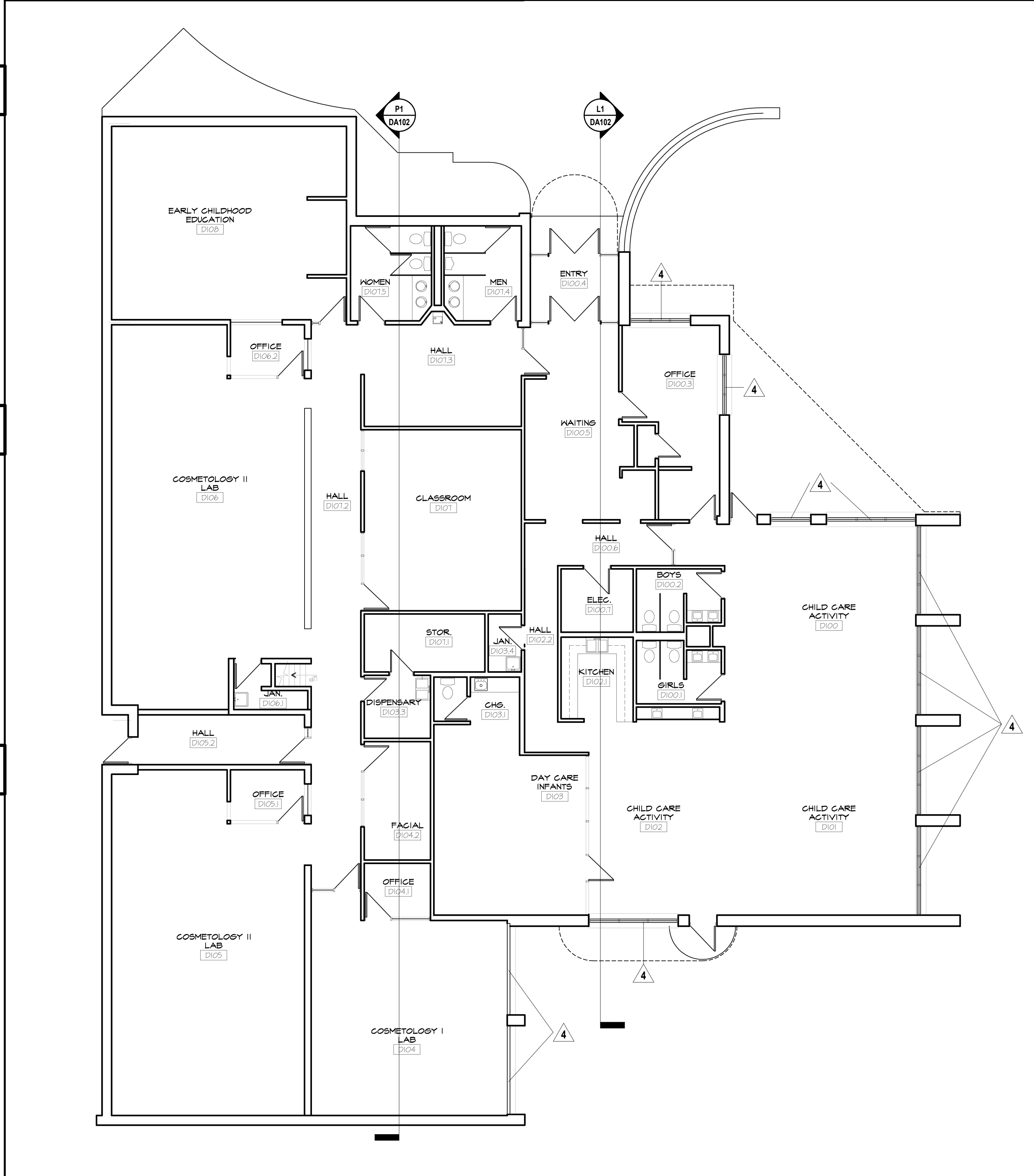
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**A1** Scale: No Scale  
Ref Only - Existing South Elevation - NCOECC



**M9** Scale: No Scale  
Ref Photo - Existing Clerestory - NCOECC



**A9** Scale: 1/8" = 1'-0"  
Demo Floor Plan Level 1 - NCOECC

**DEMOLITION NOTES**

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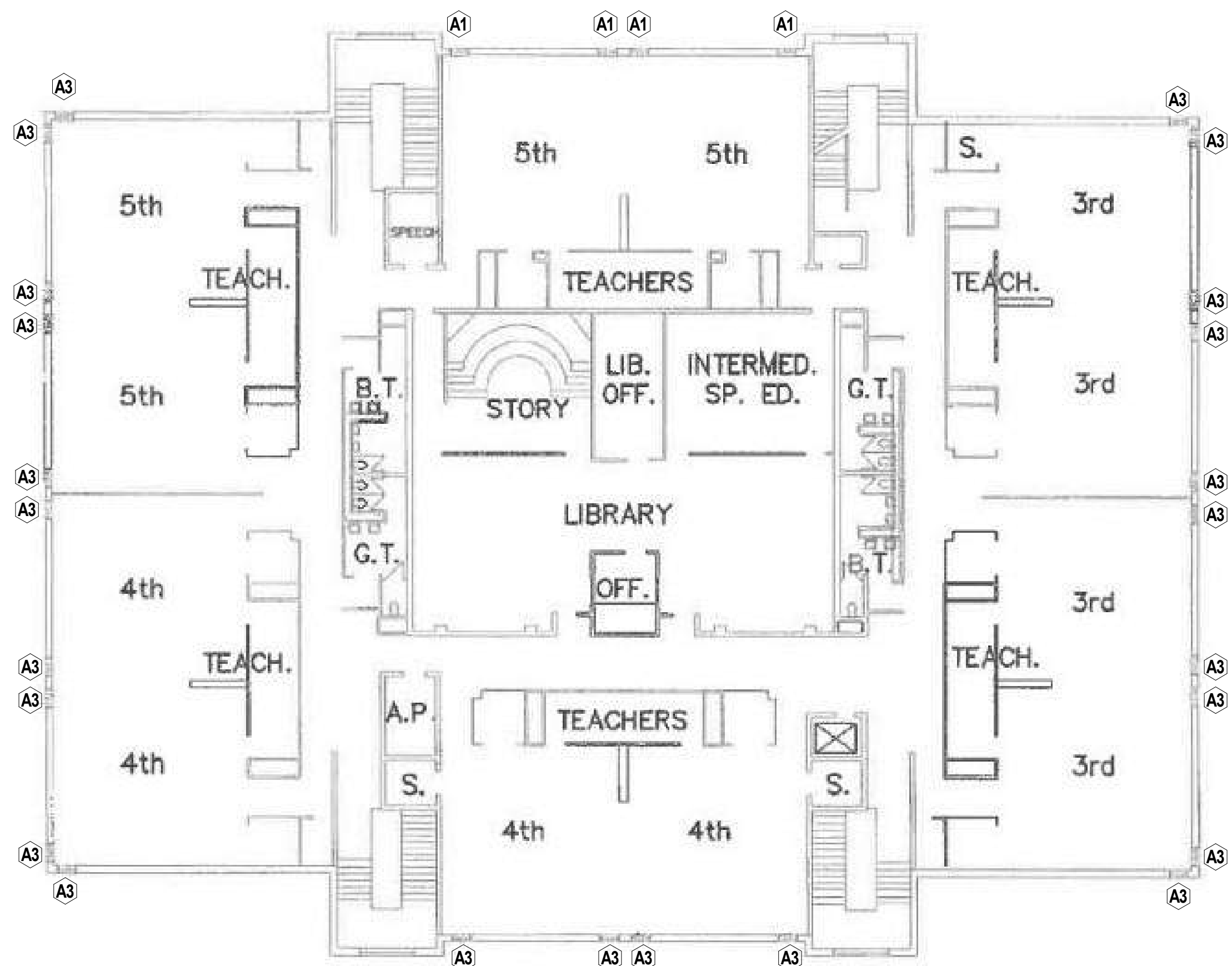
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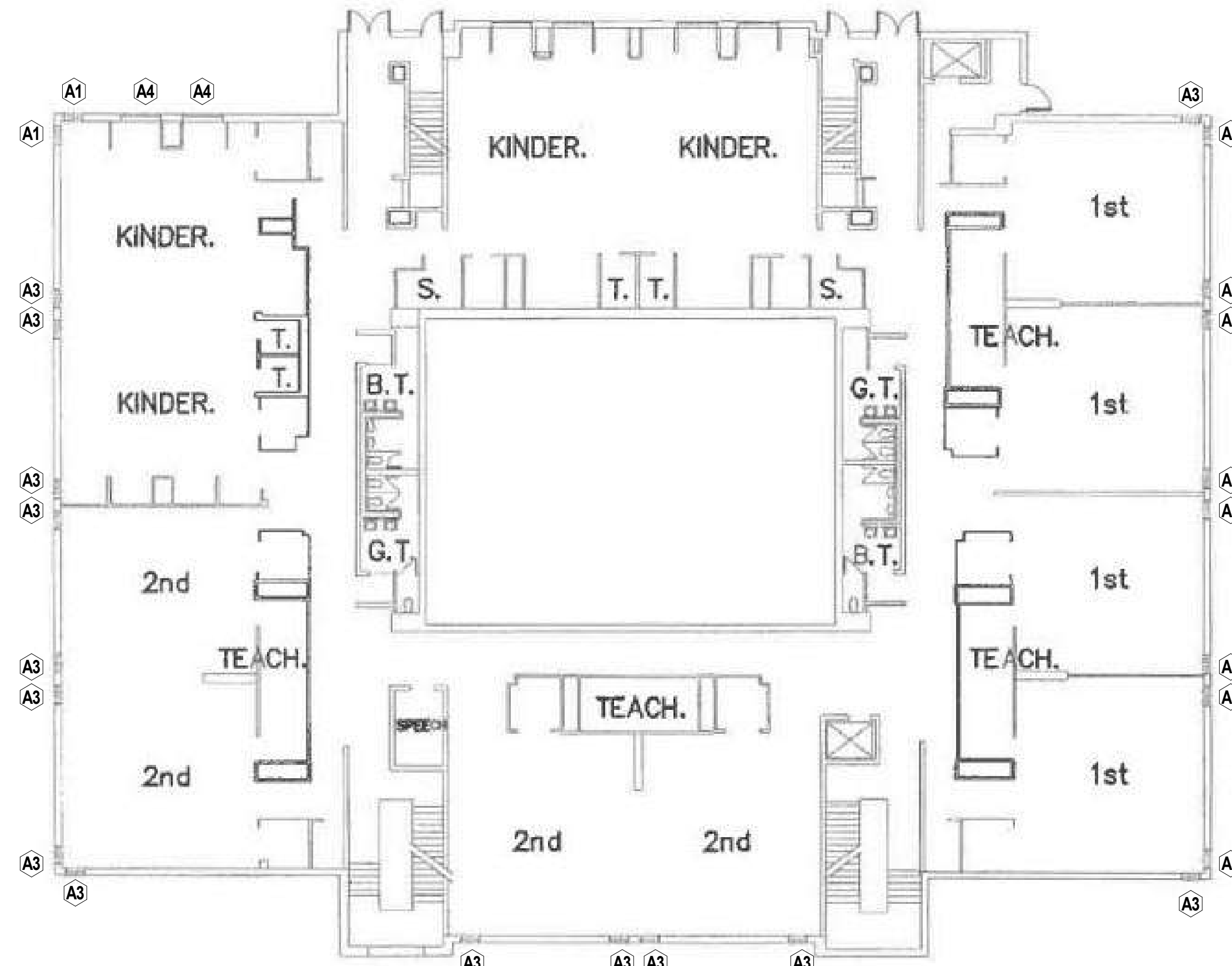
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4127

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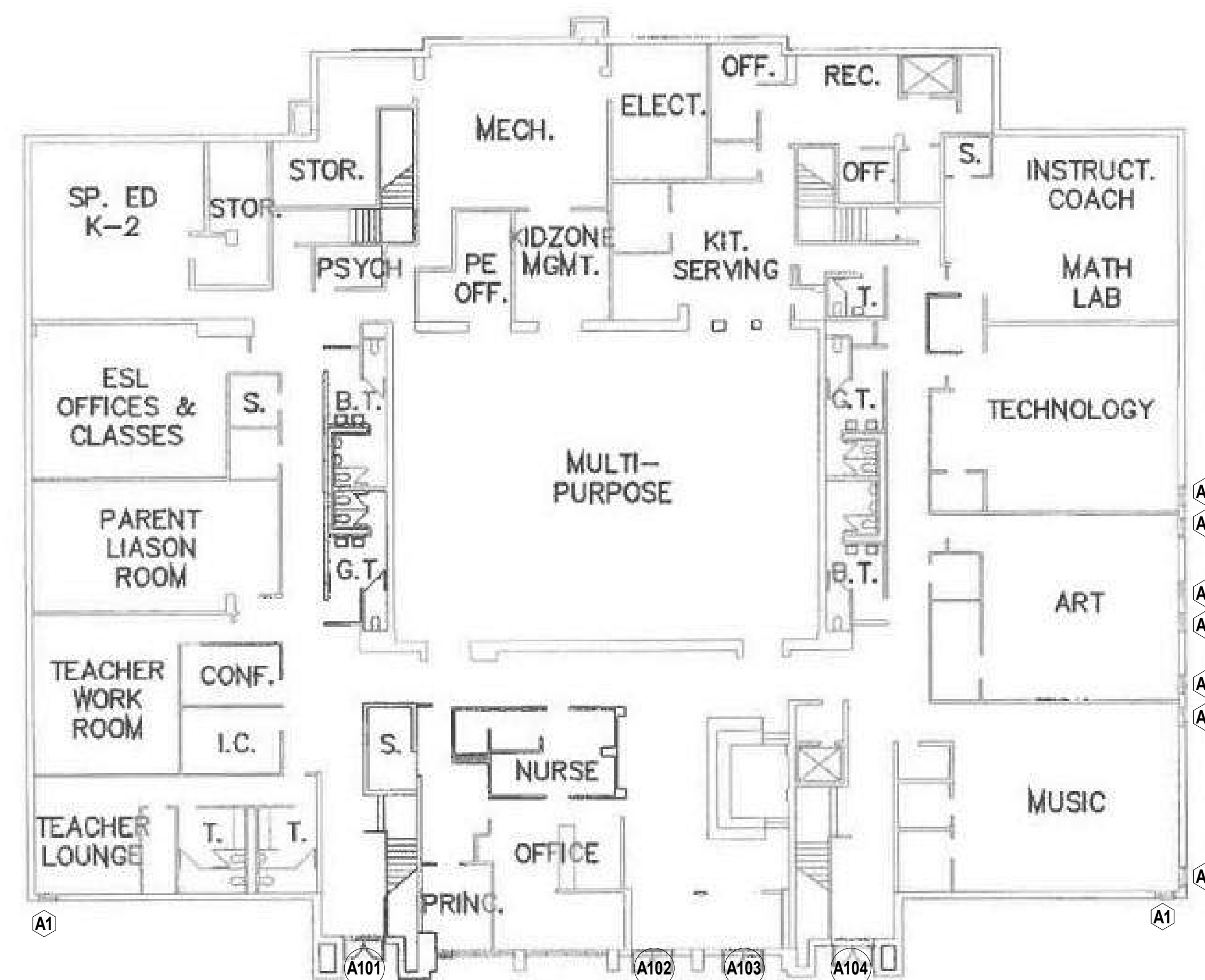
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**J1** Scale 1/16" = 1'-0" Floor Plan Level 3 - Whittier ES



**J9** Scale 1/16" = 1'-0" Floor Plan Level 2 - Whittier ES



**A9** Scale 1/16" = 1'-0" Floor Plan Level 1 - Whittier ES

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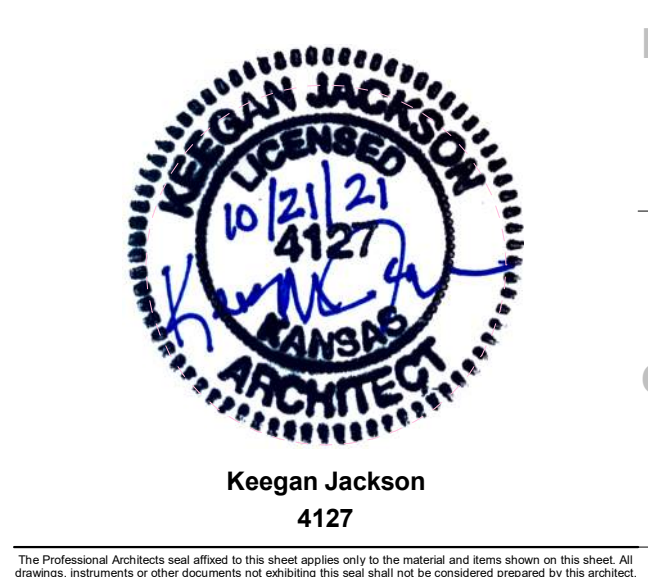
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4. COORDINATE FINISHES TO REMAIN WITH DEMOLITION SHEET

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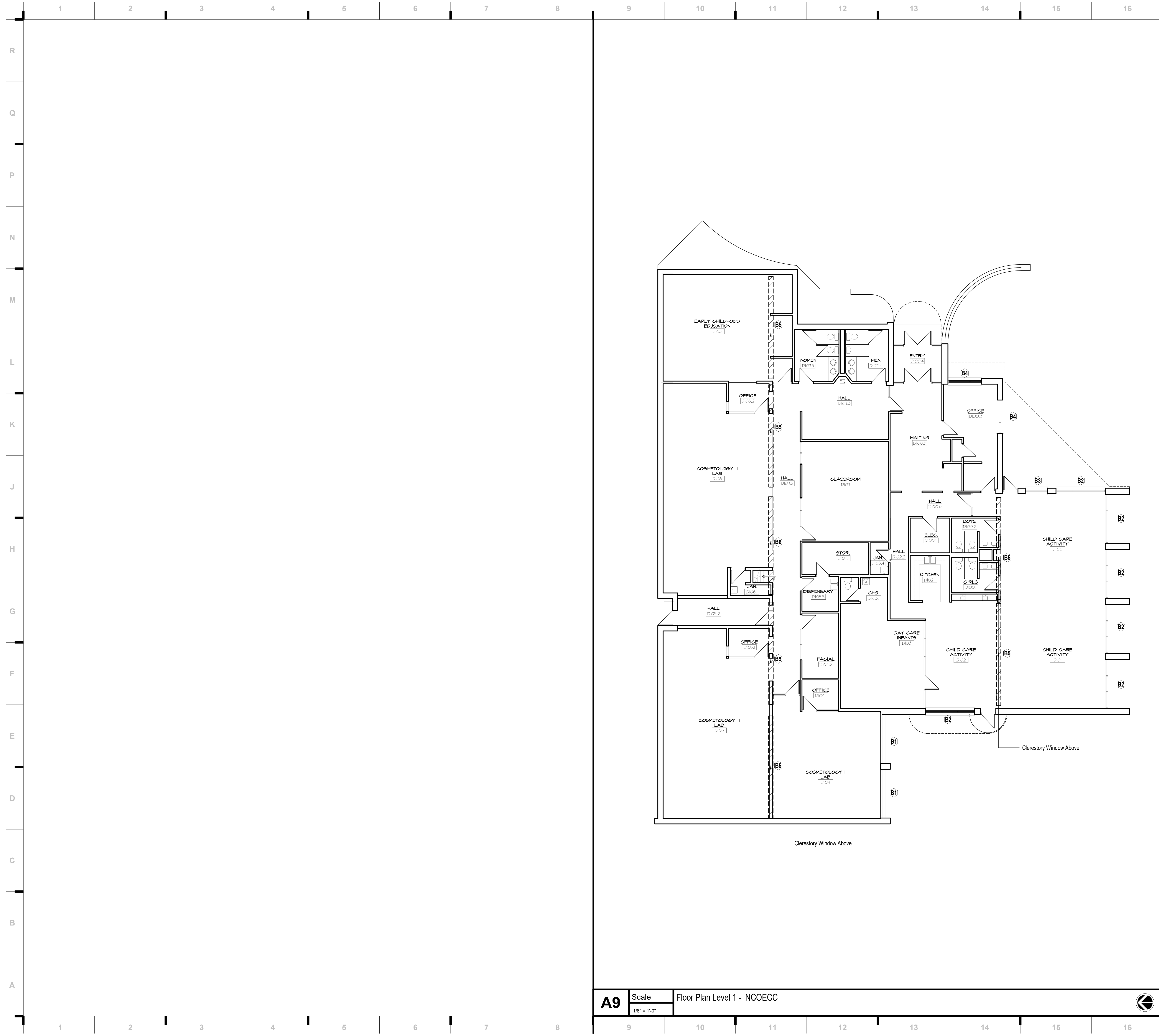
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**A9** Scale Floor Plan Level 1 - NCOECC  
1/8" = 1'-0"



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Structure # E-134

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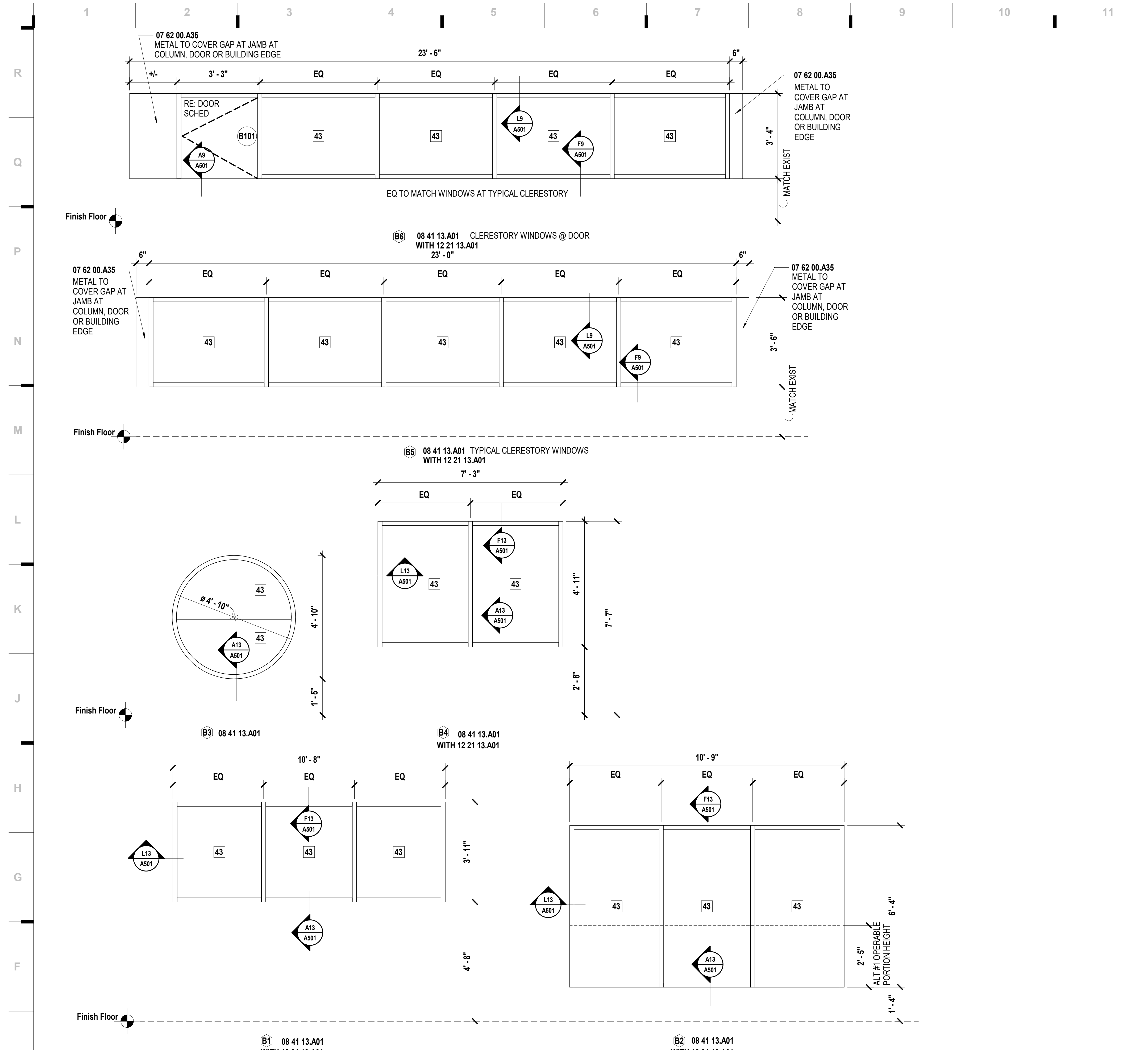
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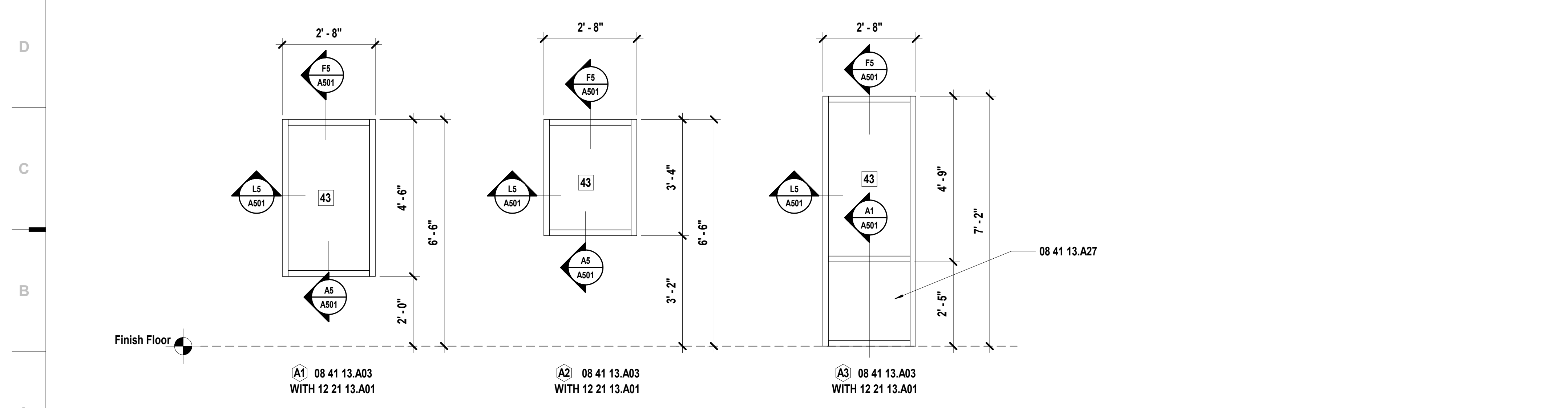


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**A102**



**E1** Scale 1/2" = 1'-0" Frame Types - Aluminum - NCOECC

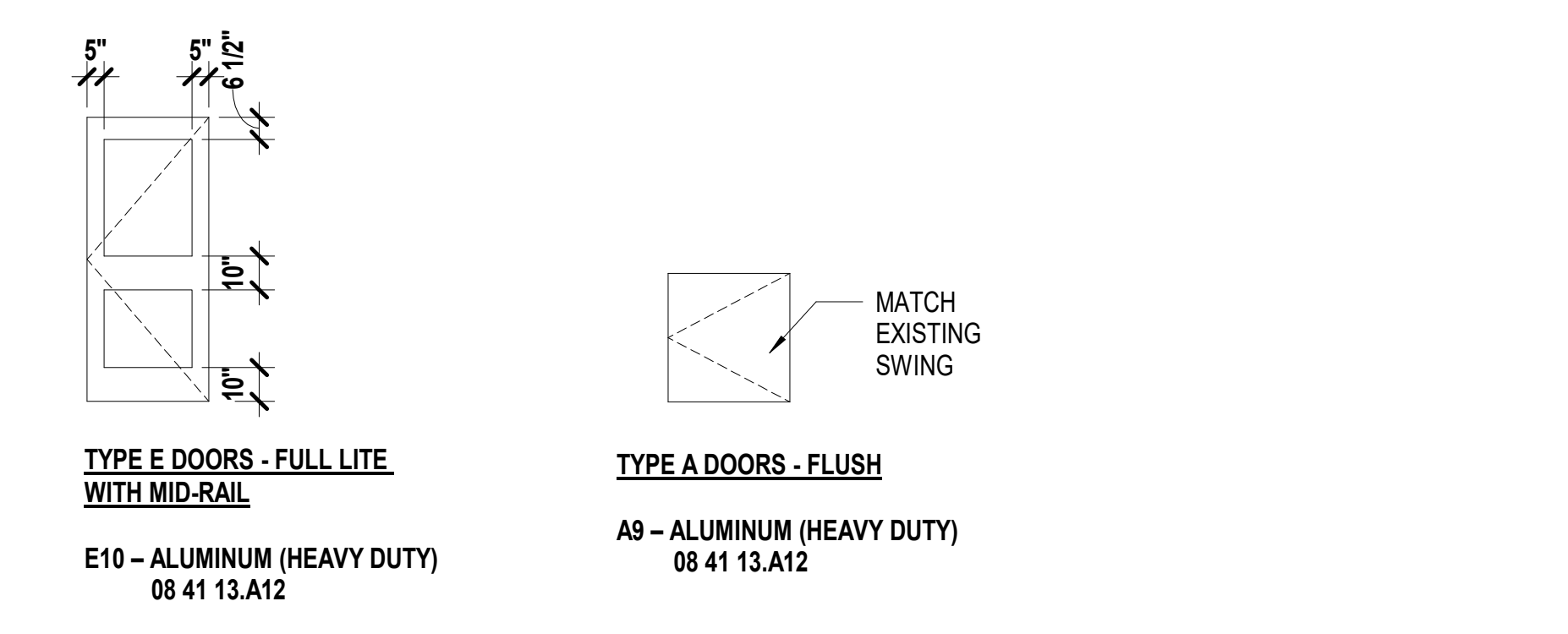


**A1** Scale 1/2" = 1'-0" Frame Types - Aluminum - Whittier ES

**DOOR SCHEDULE**

No.	Size	Type	Glass	Frame Type	Material	All DETAILS on A501 UNO				Fire Rating	Remarks
						Head	Strike	Hinge	Thresh		
A101	PR 3'-0" x 7'-0" x 1 3/4"	E10	43	ETR	--	N/A	N/A	N/A	N/A	--	USE EXISTING DOOR FRAME & HARDWARE
A102	PR 3'-0" x 7'-0" x 1 3/4"	E10	43	ETR	--	N/A	N/A	N/A	N/A	--	USE EXISTING DOOR FRAME & HARDWARE
A103	PR 3'-0" x 7'-0" x 1 3/4"	E10	43	ETR	--	N/A	N/A	N/A	N/A	--	USE EXISTING DOOR FRAME & HARDWARE
A104	PR 3'-0" x 7'-0" x 1 3/4"	E10	43	ETR	--	N/A	N/A	N/A	N/A	--	USE EXISTING DOOR FRAME & HARDWARE
B101	3'-0" x 3'-2" x 1 3/4"	A9	--	B6	ALUM	N9	--	--	N12	--	

**DOOR TYPES**



**SHEET KEYNOTE LEGEND**

07 62 00.A35	PRE-FINISHED MISC METAL FLASHING
08 41 13.A01	THERMAL BROKEN STOREFRONT FRAMING (4.5")
08 41 13.A03	THERMAL BROKEN STOREFRONT FRAMING (PROJECT SPECIFIC)
08 41 13.A12	ALUMINUM DOOR (HEAVY DUTY)
08 41 13.A27	INSULATED SPANDREL PANELS
12 21 13.A01	HORIZONTAL LOUVER BLINDS (MANUAL)

**GENERAL SHEET NOTES**

1. ALL ALUMINUM FRAMING TO BE DARK BRONZE COLOR / FINISH @ WHITTIER ES UNO
2. ALL ALUMINUM FRAMING TO BE DARK BRONZE COLOR / FINISH @ NCOECC UNO
3. HALF-TONE SHADING INDICATES EXISTING CONSTRUCTION TO REMAIN
4. SUB-CONTRACTOR TO FIELD VERIFY ALL DOORS AND WINDOWS BEFORE ORDERING

**DOOR TYPE NOTES**

1. REFER TO DOOR SCHEDULE FOR OVERALL DOOR DIMENSIONS
2. DIMENSIONS ASSOCIATED WITH VISION LITES ARE TO THE OUTSIDE OF THE VISION LITE FRAME UNLESS NOTED OTHERWISE
3. REFER TO DOOR SCHEDULE TO DETERMINE WHICH DOORS ARE REQUIRED TO BE FIRE RATED
4. REFER TO DOOR SCHEDULE FOR GLASS TYPES IN DOORS

**GLASS LEGEND**

GLASS TYPE = 1  
**INSULATING FULL-TEMPERED GLASS**  
 43 08 80 00.A43 LOW-E TINTED INSULATED FULLY-TEMPERED GLASS

we design the future™  
 1828 Walnut Street Suite 922  
 Kansas City, MO 64108  
 1 816-442-7700  
 115 Wilcox Street Suite 210  
 Castle Rock, CO 80104  
 1 720-949-1689  
 HOLLISANDMILLER.COM  
 Hollis + Miller Architects  
 Kansas State Certificate of Authority  
 Architecture # 16-156  
 Structure # E-1334

**hollis + miller architects**

**Whittier ES & NCOECC Window Replacement**  
 Kansas City Kansas Public School District  
 2010 N 59 St,  
 Kansas City, KS 66104

**CONSTRUCTION DOCUMENTS**

REVISIONS:

#	Description	Date

Keegan Jackson  
4127

JOB NO: 21029  
 DRAWN BY: VP  
 CHECKED BY: SB  
 DATE: 10/21/2021

**A500**

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17

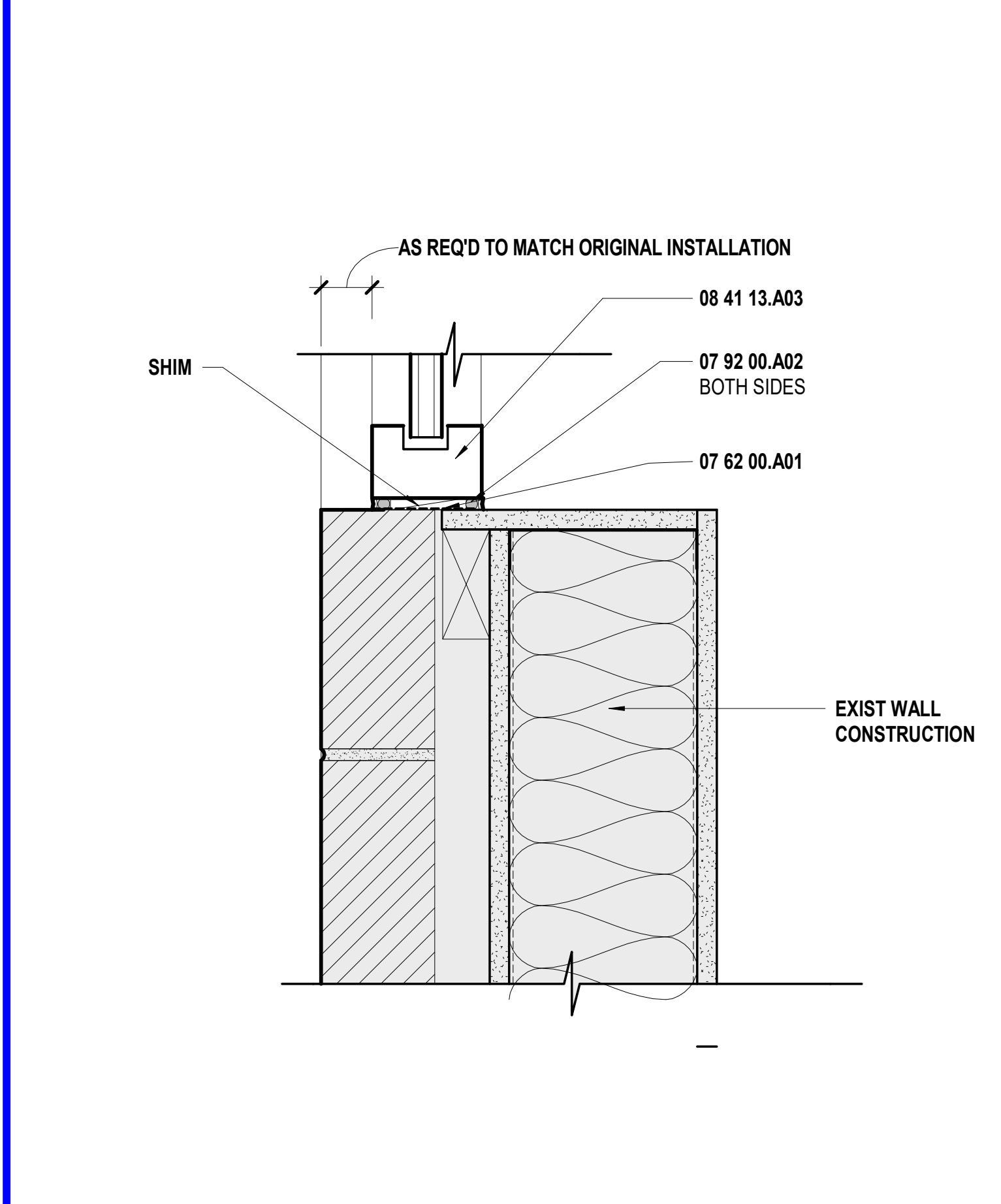
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**SHEET KEYNOTE LEGEND**

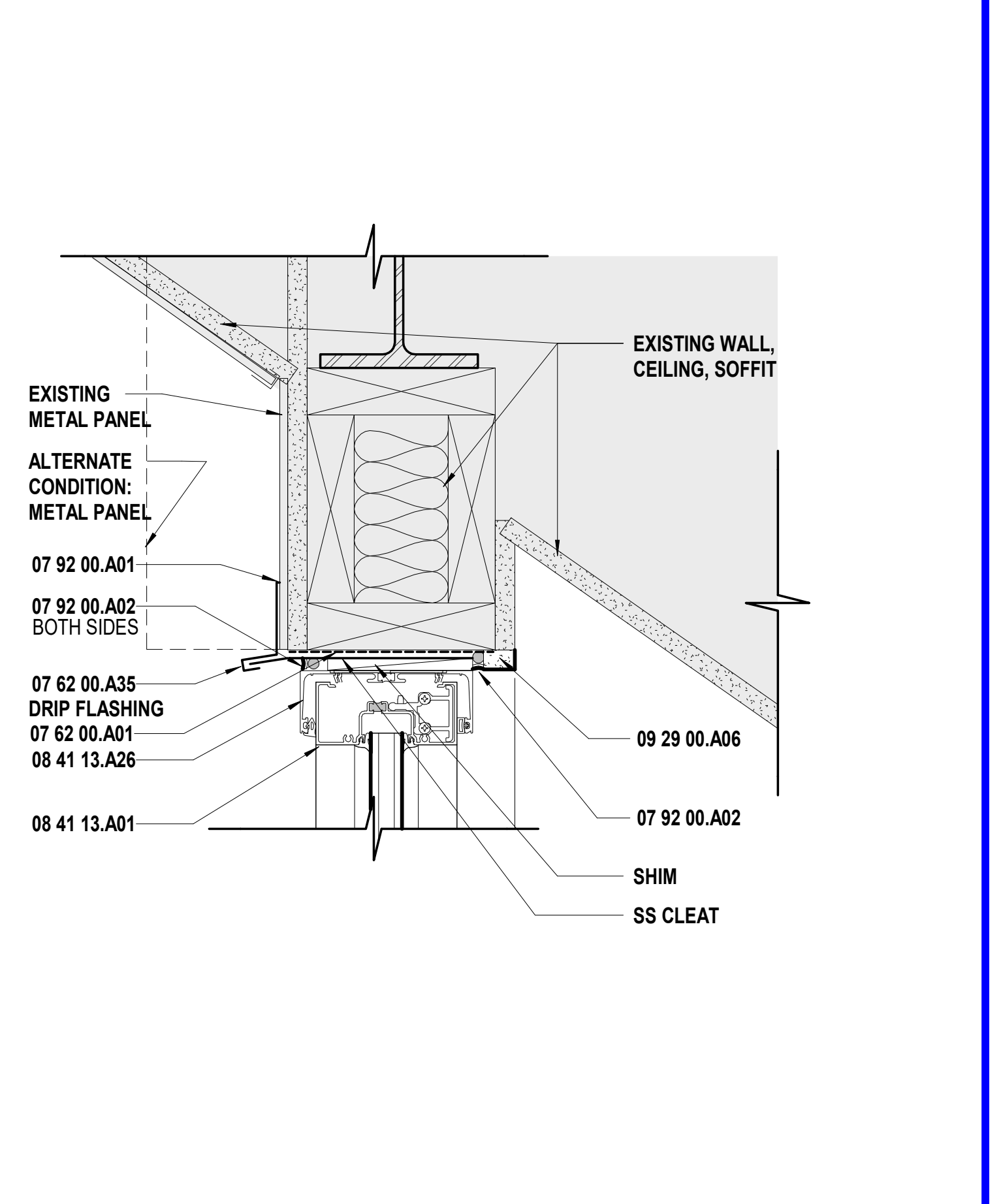
06 10 00.A12	PRESERVATIVE TREATED WOOD BLOCKING/NAILERS
06 20 23.A01	TRIM - TRANSPARENT
07 62 00.A01	UNDERLAYMENT
07 62 00.A35	PRE-FINISHED MSC METAL FLASHING
07 92 00.A01	SEALANT
07 92 00.A02	SEALANT W/BACKER ROD
08 41 13.A01	THERMAL BROKEN STOREFRONT FRAMING (4.5")
08 41 13.A03	THERMAL BROKEN STOREFRONT FRAMING (PROJECT SPECIFIC)
08 41 13.A11	ALUMINUM DOOR (STANDARD)
08 41 13.A26	ALUMINUM RECEPTOR
08 41 13.A27	INSULATED SPANDREL PANELS
08 71 00.A01	THRESHOLDS
09 29 00.A06	MOLD AND MOISTURE RESISTANT GYPSUM BOARD

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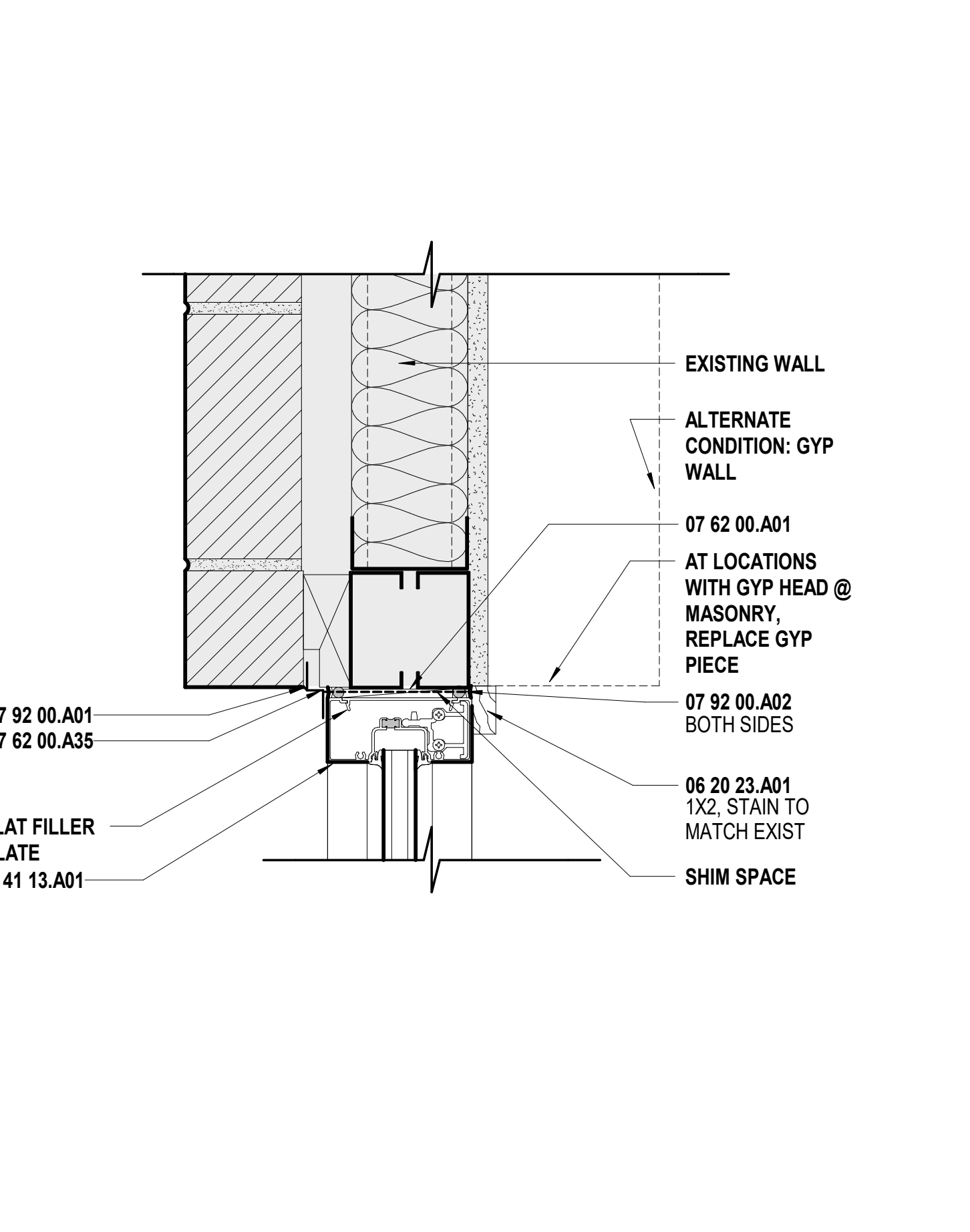
hollis and miller architects



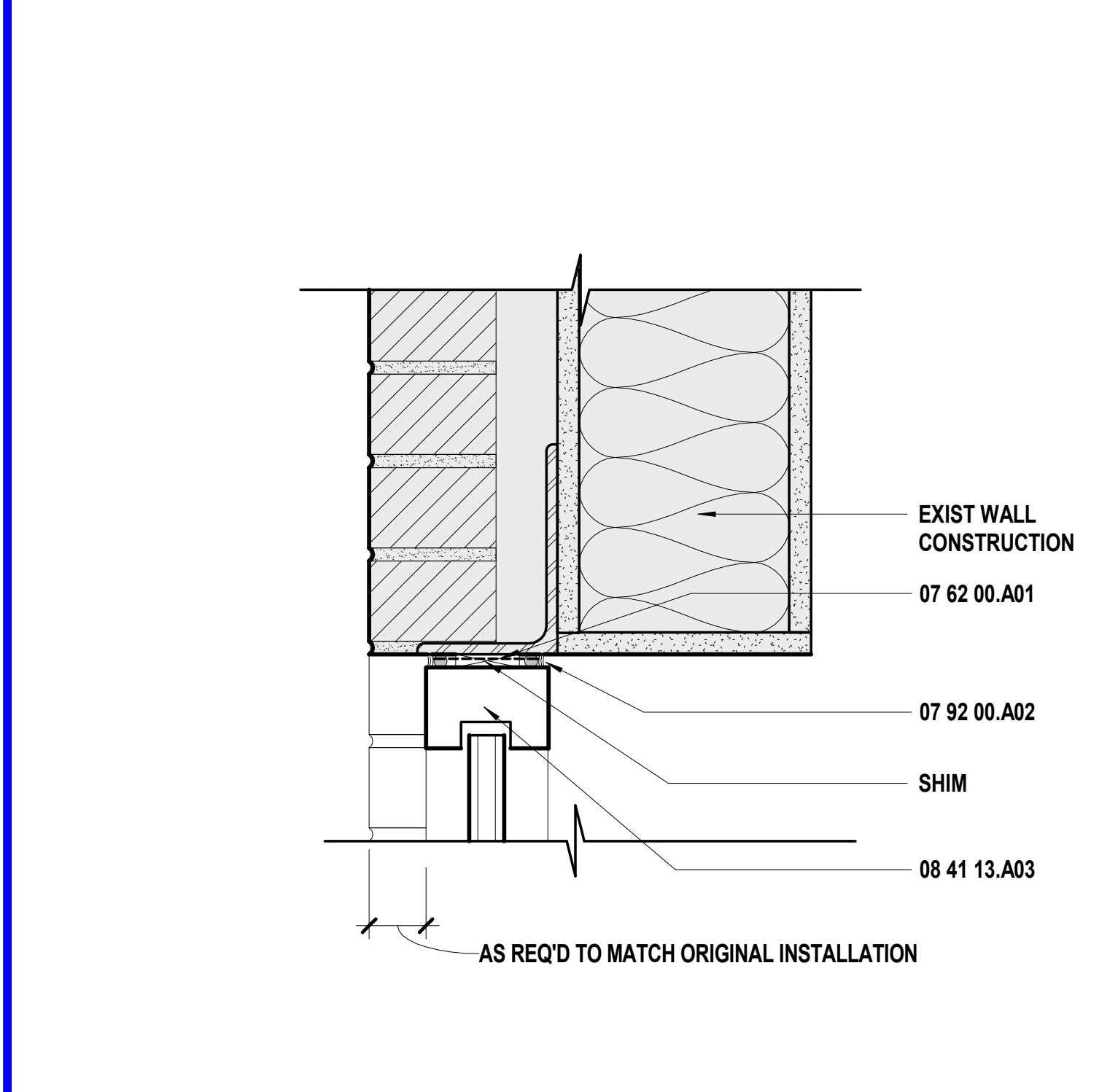
**L5** Scale 3" = 1'-0" Whittier ES - Window Jamb



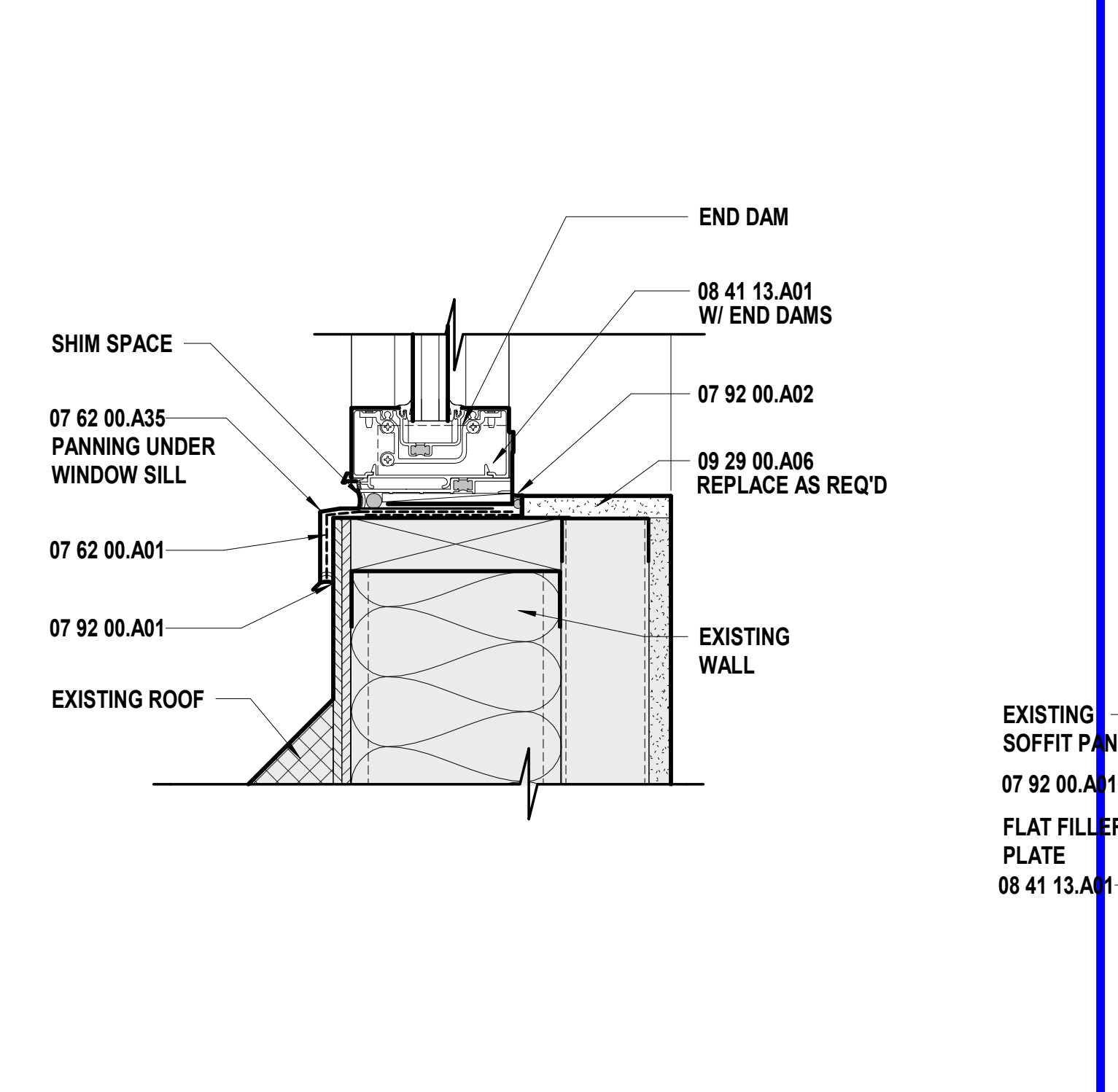
**L9** Scale 3" = 1'-0" NCOECC - Storefront Head @ Clerestory



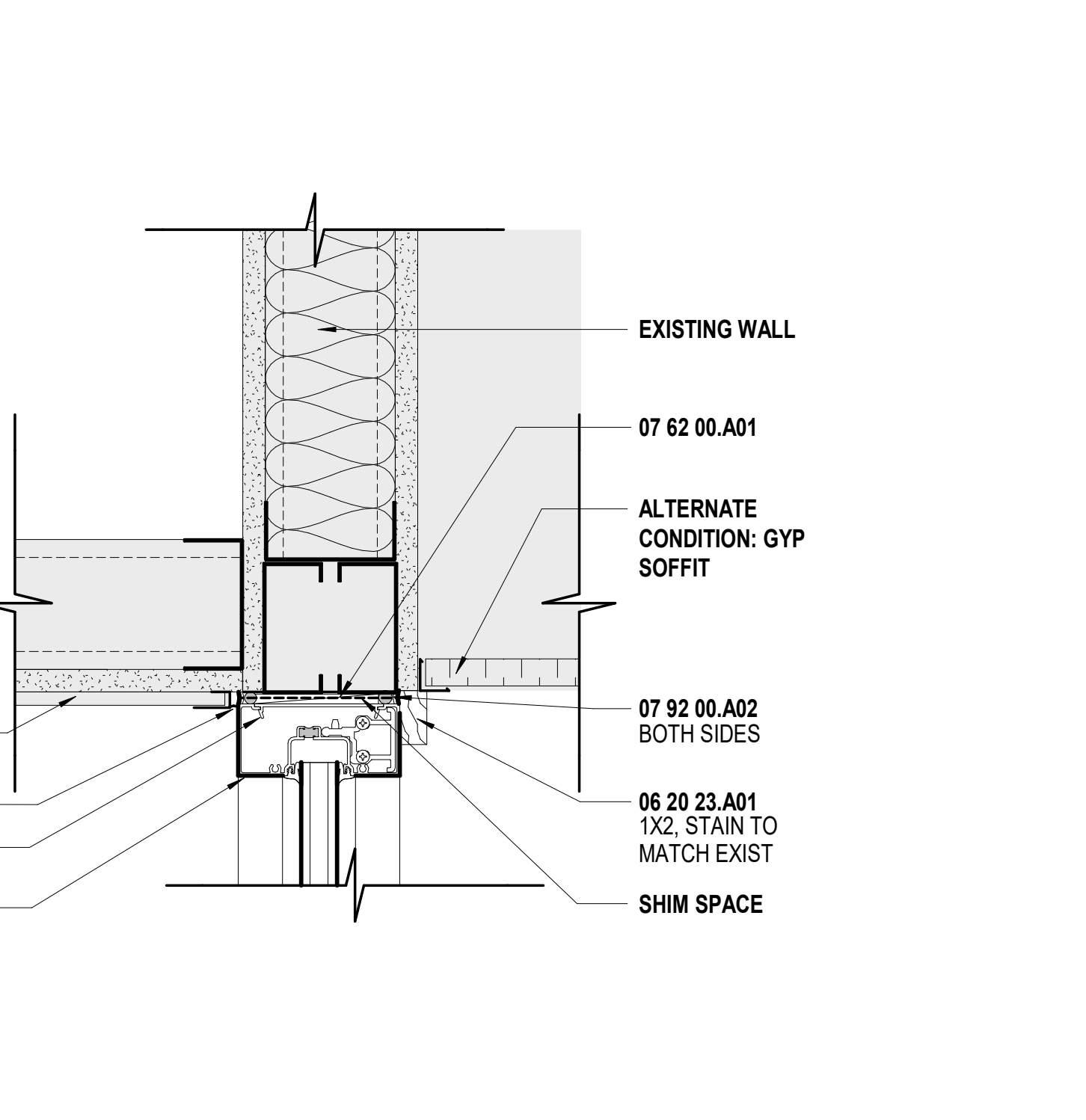
**L13** Scale 3" = 1'-0" NCOECC - Storefront Jamb



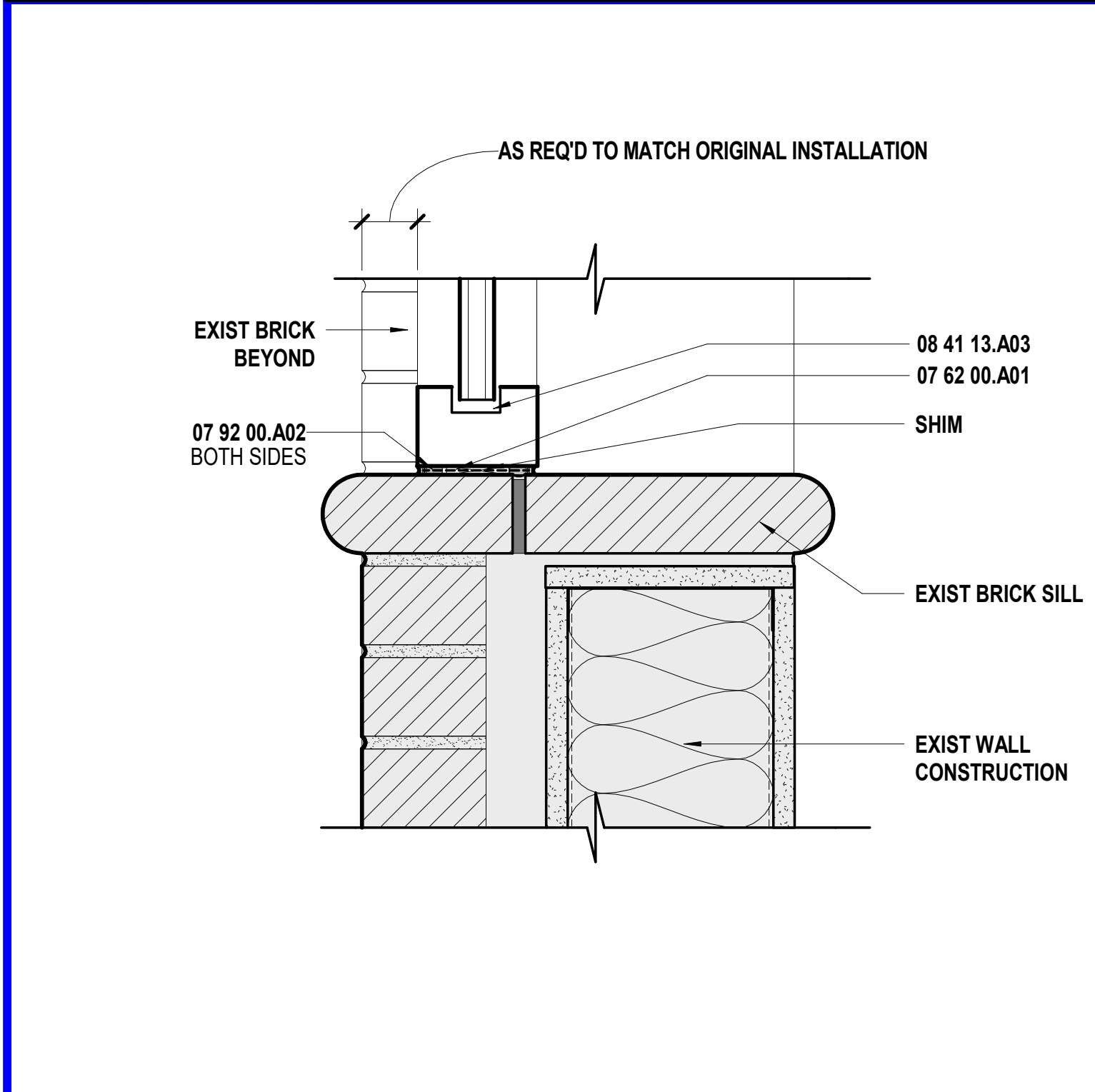
**F5** Scale 3" = 1'-0" Whittier ES - Window Head



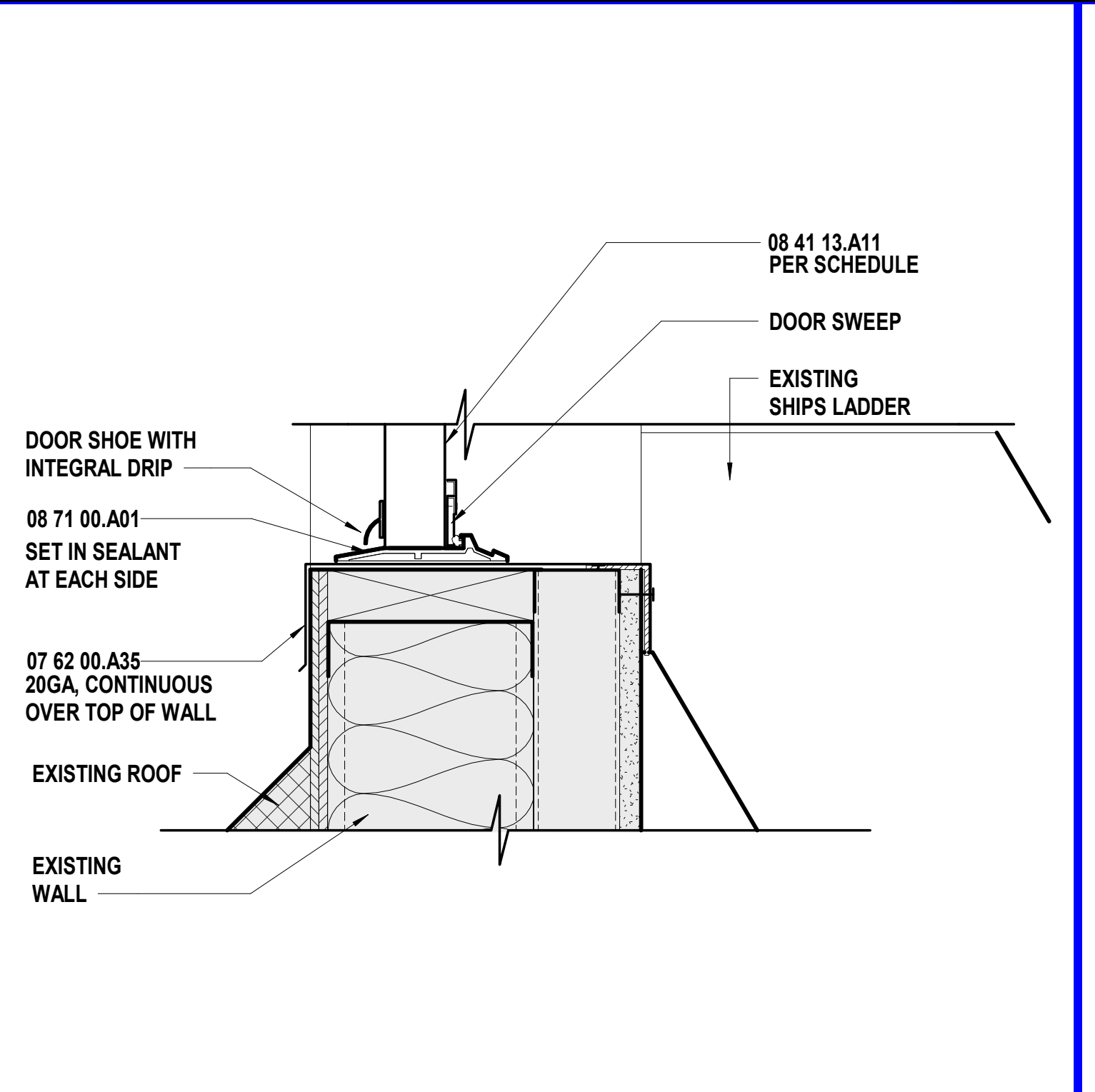
**F9** Scale 3" = 1'-0" NCOECC - Storefront Sill @ Clerestory



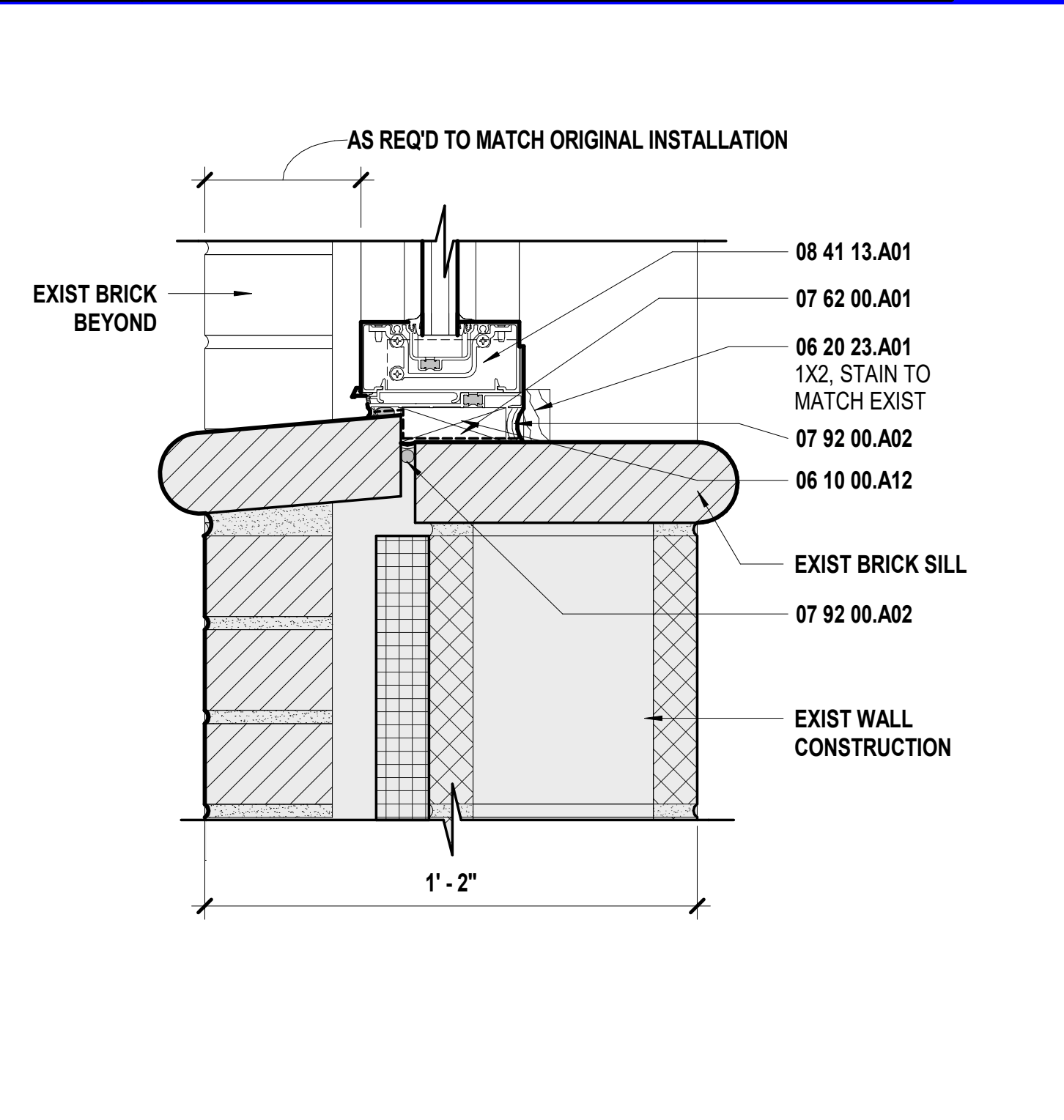
**F13** Scale 3" = 1'-0" NCOECC - Storefront Head



**A5** Scale 3" = 1'-0" Whittier ES - Window Sill



**A9** Scale 3" = 1'-0" NCOECC - Door Threshold @ Clerestory



**A13** Scale 3" = 1'-0" NCOECC - Storefront Sill

**A1** Scale 3" = 1'-0" Whittier ES - Window Sill - Tall

**A13** Scale 3" = 1'-0" NCOECC - Storefront Sill

Whittier ES & NCOECC Window Replacement  
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4127  
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**A501**