

MSBA ACCELERATED REPAIR PROGRAM  
WINDOWS, DOORS AND SIDING REPLACEMENT  
HALIFAX ELEMENTARY SCHOOL

464 PLYMOUTH ST  
HALIFAX, MA 02338  
MSBA PROJECT # 201601180005

CONSTRUCTION DOCUMENTS  
DECEMBER 13, 2017

ADDENDUM 1 - 12/21/17  
ADDENDUM 2 - 12/26/17  
COORDINATION - 1/5/18

ARCHITECT  
HABEEB & ASSOCIATES  
ARCHITECTS  
150 LONGWATER DRIVE  
NORWELL, MA 02061  
TEL: 781-871-9804 / FAX: 781-871-9805  
www.habeebarch.com

OWNER'S PROJECT MANAGER  
THE VERTEX COMPANIES, INC.  
400 LIBBEY PARKWAY  
WEYMOUTH, MA 02189  
TEL: 781-952-6000  
www.stheran@vertexeng.com

OWNERSHIP AUTHORITY  
TOWN OF HALIFAX  
499 PLYMOUTH STREET  
HALIFAX, MA 02338  
TEL: 781-293-6557

DRAWING LIST

- GENERAL  
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A-003 GENERAL NOTES & LEGEND  
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AD-202 EXTERIOR ELEVATIONS - DEMOLITION  
AD-203 EXTERIOR ELEVATIONS - DEMOLITION  
AD-204 EXTERIOR ELEVATIONS - DEMOLITION  
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HABEEB & ASSOCIATES  
ARCHITECTS

H&A  
150 LONGWATER DRIVE  
NORWELL, MA 02061  
OFFICE: 781.871.9804  
FAX: 781.871.9805  
WWW.HABEEBARCH.COM

STAMP

CONSULTANT

NORTH ARROW

KEY PLAN

MSBA ACCELERATED REPAIR PROGRAM  
WINDOWS, DOORS & SIDING REPLACEMENT  
HALIFAX ELEMENTARY SCHOOL  
464 PLYMOUTH STREET HALIFAX, MA, 02338

LOCUS PLAN (NOT TO SCALE)

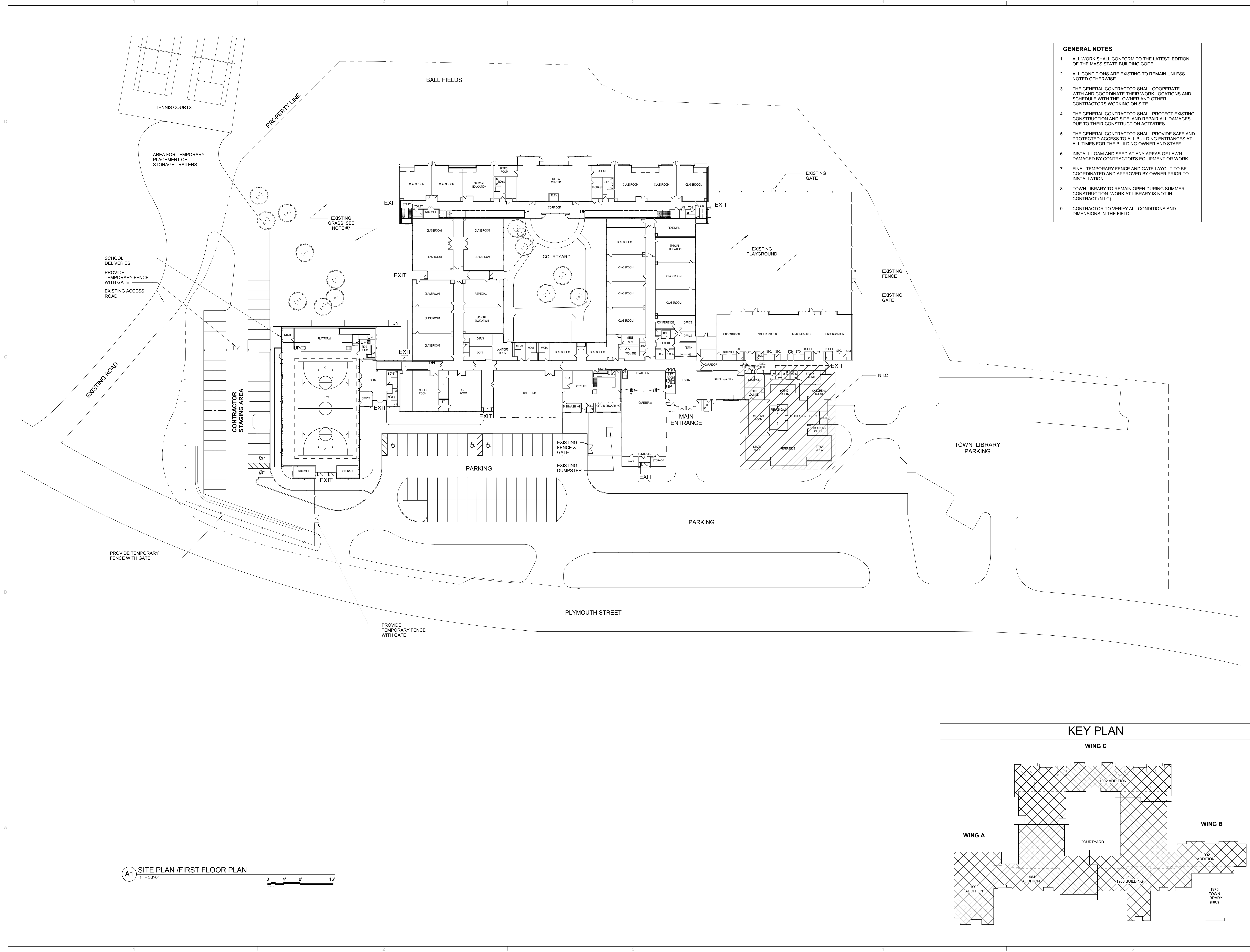


REVISION	DATE	REVISIONS
MARK	12/13/17	CONSTITUTION DOCUMENTS

PROJECT NO: 1614.03  
DATE: 12/13/17  
SCALE:  
DRAWN BY: gjp  
CHECKED BY: SB

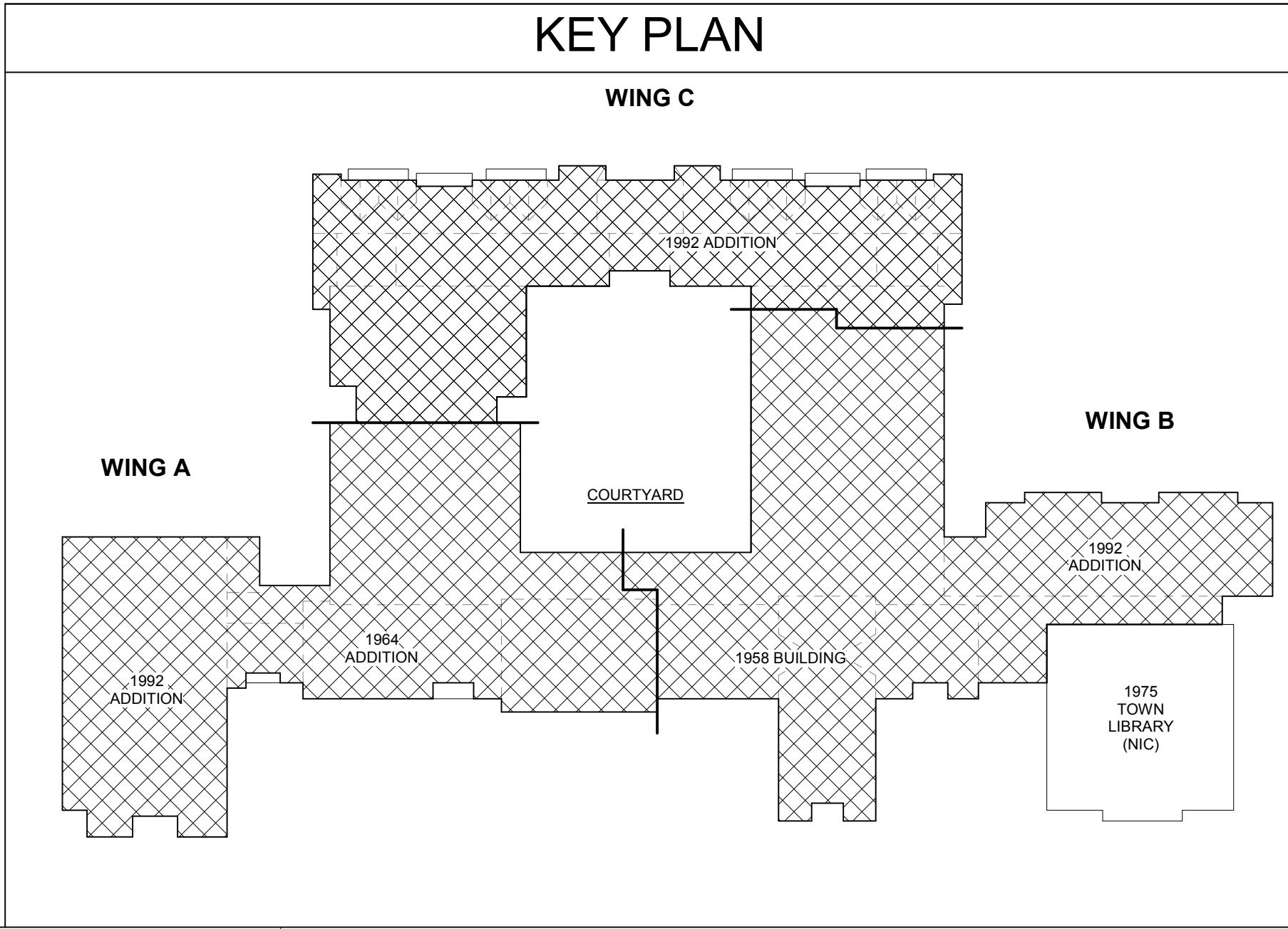
TITLE SHEET

A-001



- GENERAL NOTES**
- 1 ALL WORK SHALL CONFORM TO THE LATEST EDITION OF THE MASS STATE BUILDING CODE.
  - 2 ALL CONDITIONS ARE EXISTING TO REMAIN UNLESS NOTED OTHERWISE.
  - 3 THE GENERAL CONTRACTOR SHALL COOPERATE WITH AND COORDINATE THEIR WORK LOCATIONS AND SCHEDULE WITH THE OWNER AND OTHER CONTRACTORS WORKING ON SITE.
  - 4 THE GENERAL CONTRACTOR SHALL PROTECT EXISTING CONSTRUCTION AND SITE, AND REPAIR ALL DAMAGES DUE TO THEIR CONSTRUCTION ACTIVITIES.
  - 5 THE GENERAL CONTRACTOR SHALL PROVIDE SAFE AND PROTECTED ACCESS TO ALL BUILDING ENTRANCES AT ALL TIMES FOR THE BUILDING OWNER AND STAFF.
  - 6 INSTALL LOAM AND SEED AT ANY AREAS OF LAWN DAMAGED BY CONTRACTOR'S EQUIPMENT OR WORK.
  - 7 FINAL TEMPORARY FENCE AND GATE LAYOUT TO BE COORDINATED AND APPROVED BY OWNER PRIOR TO INSTALLATION.
  - 8 TOWN LIBRARY TO REMAIN OPEN DURING SUMMER CONSTRUCTION. WORK AT LIBRARY IS NOT IN CONTRACT (N.I.C.).
  - 9 CONTRACTOR TO VERIFY ALL CONDITIONS AND DIMENSIONS IN THE FIELD.

**A1 SITE PLAN /FIRST FLOOR PLAN**  
1" = 30'-0"



**HABEEB & ASSOCIATES**  
ARCHITECTS

**H&A**  
150 LOUWATER DR  
NORWELL, MA 02061  
OFFICE: 781.871.1884  
FAX: 781.871.6905  
habeeb@h-a.com

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CONSULTANT

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TRUE NORTH  
PLAN NORTH

KEY PLAN

MSBA ACCELERATED REPAIR PROGRAM  
WINDOWS, DOORS & SIDING REPLACEMENT

**HALIFAX ELEMENTARY SCHOOL**

464 PLYMOUTH STREET HALIFAX, MA 02338

REVISION	DATE	REVISIONS
MARK	12/13/17	CONSTITUTED DOCUMENTS

PROJECT NO: 1614.03

DATE: 12/13/17

SCALE: As indicated

DRAWN BY: JS

CHECKED BY: SB/ILM

**SITE PLAN**

**A-002**

10/26/2018 11:12:05 AM



THE FOLLOWING DEMOLITION WORK NOTES ARE TYPICAL TO MULTIPLE CONDITIONS THROUGHOUT THIS PROJECT AND ARE INCLUSIVE OF THE PROJECT SCOPE OF WORK. REFER TO DEMOLITION WINDOW AND DOOR TYPES FOR LOCATIONS OF OTHER SPECIFIC WORK:

1. SEE SPECIFICATION DIVISION 00 FOR EXISTING HAZARDOUS MATERIAL REPORT.

- 
- A triangle with the number 1 inside it, pointing to the first column of the matrix.

THE FOLLOWING NEW WORK NOTES ARE TYPICAL TO MOST CONDITIONS  
THROUGHOUT THIS PROJECT AND ARE INCLUSIVE OF THE PROJECT SCOPE OF  
WORK. REFER TO WINDOW AND DOOR TYPES AND DETAILS FOR LOCATIONS OF  
OTHER SPECIFIC WORK:

- ALL WORK SHALL BE PERFORMED BY OR UNDER THE SUPERVISION OF THE GENERAL CONTRACTOR AND SHALL BE IN ACCORDANCE WITH THE SPECIFICATIONS AND REQUIREMENTS OF THE CITY OF ARLINGTON, VIRGINIA, AND THE NATIONAL FIRE PROTECTION ASSOCIATION (NFPA) 704, EDITION 2005, AND THE NATIONAL ELECTRICAL AND MECHANICAL SCOPE IN CONJUNCTION WITH THE WINDOW AND DOOR REPLACEMENT PROJECT SCOPE. MINOR PATCHING AND REPAIR OF EXTERIOR AND INTERIOR FINISHES EFFECTED BY THE PROJECT SHALL BE THE RESPONSIBILITY OF THE GENERAL CONTRACTOR. THE GENERAL CONTRACTOR SHALL MATCH EXISTING CONDITIONS.
2. PENETRATIONS (ELECTRICAL, FIRE ALARM OR GAS) AT INSULATED PANELS SHALL NOT COMPROMISE ANY WINDOW UNIT.
3. ALL EXTERIOR DOORS ARE ALARMED, CONNECT TO EXISTING SECURITY ALARM SYSTEM. THE CONTRACTOR SHALL TEST ALARM SYSTEM IN FRONT OF THE OWNER TO SHOW THAT NEW ALARM DEVICE IS FUNCTIONING AND CONNECTED TO EXISTING SYSTEM. SYSTEM SHALL BE FULLY OPERATIONAL UPON PROJECT CLOSEOUT.
4. STORAGE TRAILERS WILL BE ALLOWED ON SITE. OWNER TO APPROVE LOCATION PRIOR TO PLACEMENT

EXISTING WINDOWS OR CURTAINWALL SYSTEMS & TRIM TO BE REMOVED

NEW FIXED & OPERABLE ALUMINUM WINDOW W/ SECURITY AND/OR INSECT SCREEN; SEE WINDOW TYPES FOR VARIATIONS

PROJECTING ALUMINUM WINDOW W/ SECURITY AND/OR INSECT SCREEN; SEE WINDOW TYPES FOR VARIATIONS

EXISTING LOUVER TO REMAIN

ALUMINUM LOUVER IN WINDOW TYPE SASH OR FRAME

EXISTING DOOR TO BE REMOVED

NEW OPERABLE DOOR; SEE ELEVATIONS FOR DOOR TYPES

ACoust.	ACOUSTICAL	DN.	DOWN	GLAZED ST
A.D.	AREA DRAIN	DO.	DOIT (REPEAT)	GYPSUM
ADJ.	ADJUSTABLE	D.O.	DOOR OPENING	G.W.B.
AFI	ABOVE FINISHED FLOOR	DSP.	DSPORER	H.B.
ALU.	ALUMINUM	DRY.	DRY WALL	HANDICAP
ALUM.	ALUMINUM	DWG.	DRAWING	H.C.P.
ANCH.	ANCHOR			H.C.P.
APPROX.	APPROXIMATELY	EA.	EACH	H.D.
@	AT	ED.	EDUCATION	HDWR.
		EDSP.	ENDOSPLASH	H.M.
BD.	BOARD	E.J.	EXPANSION JOINT	HORIZ.
BKSP.	BACKSPASH	EL.	ELEVATION (GRADE)	HOUR
BRACKET	BRKT	ELEC.	ELECTRICAL	HT.
BUILD.	BUILDING	ELEV.	ELEVATION (FACADE)	HVAC.
BLK.	BLOCK	ELEV.	ELEVATOR	HEATING, V.
BLKG.	BLOCKING	EQ.	EQUAL	& AIR COND.
BM.	BEAM	E.S.	EACH SIDE	INSIDE DATA
BOT.	BOTTOM	E.T.R.	EXHAUST TO REMAIN	INCH. NOCH.
BSMT.	BASEMENT	EXH.	EXHAUST	IN2
		EXIST.	EXISTING	IN3
		EXP. JT.	EXPANSION JOINT	INCANDES.
C.B.	CORNER GUARD	EXP.	EXPOSED	INFL.
CAB.	CABINET	EXT.	EXTERIOR	INSUL.
C.B.	CORNER BOARD	EXTN.	EXTINGUISHER	INTERIOR
CEM.	CEMENT			INVT.
CER.I.C.T.	CERAMIC TILE	F.C.P.	FIBER CEMENT PANEL	
C.G.	CORNER GUARD	F.D.C.	FIRE DEPT. CONNECTION	
C.I.P.	CAST IRON	F.D.V.	FIRE DEPT. VALVE	JST.
C.I.P.	CAST IN PLACE	F.D.V.C.	FIRE DEPT. VALVE CABINET	JT.
C.J.	CONTROL JOINT	FB.	FLAT BAR	
C.J.	CEILING	FC.	FIBER CEMENT	
CLUG.	CHALKING	F.D.	FLOOR DRAIN	LAM.
CLR.	CLEAR	F.E.	FIRE EXTINGUISHER	L.B.
CLOS.	CLOSED	F.E.C.	FIRE EXTINGUISHER	L.C.
C.M.U.	CONC. MASONRY UNIT		CABINET	L.D.P.
C.O.	CLEAR OPENING	F.F.	FACTORY FINISH	LGTH.
COL.	COLUMN	F.H.	FLAT HEAD	L.G.M.F.
CONC.	CONCRETE	F.H.C.	FIRE HOSE CABINET	L.O.W.
CH.P.	CONC. HOUSEKEEPING PAD	FIN.	FINISH	L.P.
COND.	CONDITION	FL.	FLOOR	L.W.T.
CONST.	CONSTRUCTION	FLASH.	FLASHING	LVR.
CONT.	CONTINUOUS	FLOOR.	FLUORESCENT	
CONTR.	CORRIDOR	F.P.	FRAMED OPENING	MACH.
CR.	COLD ROLLER	F.P.	FIRE PROOFING	MAS.
CRS.	COURS	F.S.	FIRE SHIELD	MAT.
CSK.	COUNTERSINK	F.SZ.	FEET SIZE	MACH.
CTOP.	COUNTERTOP	FT.	FEET	MEMBR.
CUB.	CUBIC	FT2	SQUARE FEET	M.D.
C.U.H.	CABINET UNIT HEATER	FT3	CUBIC FEET	M.FGR.
		FTR	FIN-TUBED RADIATOR	MIN.
D.A.	DOUBLE ACTING	FUR.	FURRING	MISC.
D.A.F.S.	DIRECT APPLIED FINISH	GA.	GAUGE	M.LDG.
DET.	DETAIL	GAUV.	GALVANIZED	M.O.
		GC.	GENERAL CONTRACTOR	
D.F.	DRINKING FOUNTAIN	GL.	GLASS	
		GR.	GRADE	

SH

LF

LF

LS

FA/HS

FDC

RWL

HB

JB

DB

EB

VH

FP DR

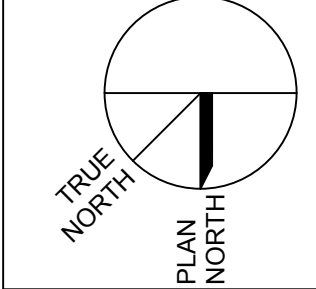
METAL THRESHOLD	SH	SHELVES	W.P.
MOUNTED	SHT.	SHEET	W.W.
METAL	S.I.G.S	SILICON IMPREGATED	Y.D.
MISC. METAL CONTRACTOR		GYPSUM SHEATHING	X
NATURAL	SIM.	SIMILAR	Z
NONCORROSIVE	SJUNG	SPECIFICATIONS	
SPEC.	SD	SQUARE	CB
NOT IN CONTRACT	SQ	STORAGE	UVG
NUMBER	STOR.		
NOMINAL			
	S.T.	STRUCTURAL TUBE	
OVERALL	S.S.	STAINLESS STEEL	
ON CENTER	STD.	STANDARD	
OUTSIDE DIAMETER	STL	STEEL	
OPPOSITE HAND	STRUCT.	STRUCTURAL	
OPERATE	SUSP.	SUSPENDED	
OPENING	T	TREAS	
OVERHEAD	TABLE	TABLE	
OUNCES(S)	T.B.	TACK BOARD	(VISUAL DISPLAY BOARD)
PARTITION	T.C.	TERRA COTTA	
PERIMETER	TEL	TELEPHONE	
PERRPENDICULAR (TO)	TERR.	TERRAZZO	
PLASTIC LAMINATE	T&G	TONGUE & GROOVE	
PLATE	THK.	THICKNESS	
PLASTER	THRESH.	THRESHOLD	
PLUMBING	TLT.	TOLLET	
PANEL	T.O.B	TOP OF BLOCKING	
POLISHED	T.O.C	TOP OF CONCRETE	
PAIR	T.O.S	TOP OF STEEL	
PAINTED	T.W.	TOP OF WALL	
PRESSURE TREATED	TYP.	TYPICAL	
POLYVINYL CHLORIDE	TWR.	TOWER	
	U.C.	UNDERCUT	
QUARRY TILE	U.L.	UNDERWRITERS LABORATORY	
QUANTITY	U.O.N	UNLESS OTHERWISE NOTED	
	U.P.R	UPPER	
RADIUS	U.V.	UNIT VENTILATOR	
RADIATOR	U.V.	UNIT VENTILATOR GRILLE	
RADIATOR ENCLOSURE	V.C.	VINYL CLAD	
ROOF DRAIN	VENT.	VENTILATOR	
REINFORCING	VERT.	VERTICAL	
REFRIGERATOR	VEST.	VESTIBLE	
REQUIRED	V.W.C.	VINYL WALL COVERING	
RESILIENT	W.	WIDE, WIDE FLANGE	
RETAINING	W.	WITH	
ROOM	W.C.	WATER CLOSET	
ROUGH OPENING	WOOD	WOOD	
RAIN WATER LEADER	W.D.	WINDOW DIMENSION	
RESILIENT BASE	W.I.	WROUGHT IRON	
SCUPPER	WNO.	WINDOW	
SELF ADHERED MEMBRANE	W.B.	WHITE BOARD (MAKER BOARD)	
SCHEDULE	W.O.	WINDOW OPENING	

**H&A**  
150 LONGWATER DR  
NORWELL, MA  
02061-1618  
OFFICE: 781.871.9804  
FAX: 78.871.9805  
habeebarch.com

STAMP

CONSULTANT

NORTH ARROW



### KEY PLAN

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464 PLYMOUTH STREET    HALIFAX, MA, 02338

REVISION		
MARK	DATE	REVISIONS
	12/13/17	CONSTRUCTION DOCUMENTS
1	12/21/17	ADDENDUM 1

PROJECT NO:	1614.03
DATE:	12/12/17

DATE:	12/13/17
SCALE:	1/4" = 1'-0"

DRAWN BY: Author

CHECKED BY: Checker

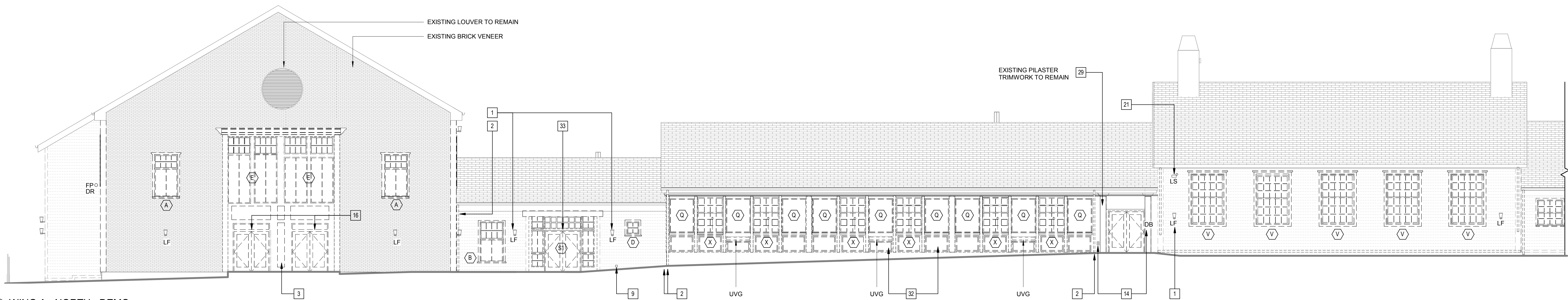
## GENERAL NOTES

### LEGEND

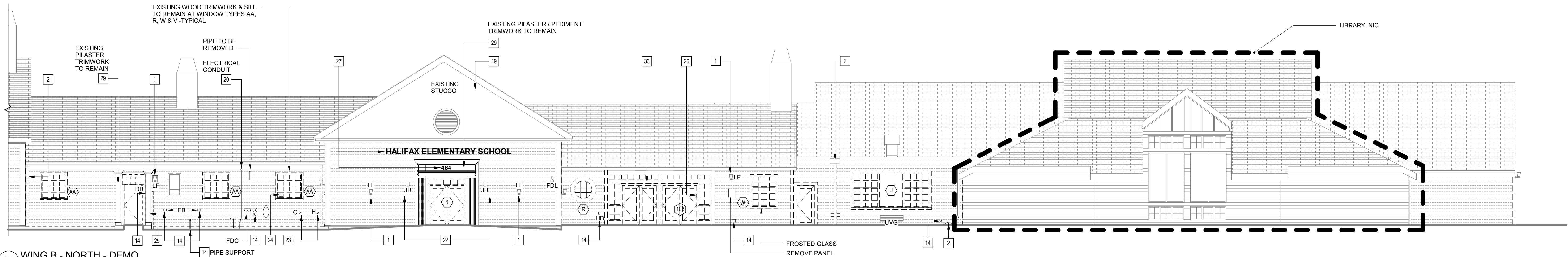
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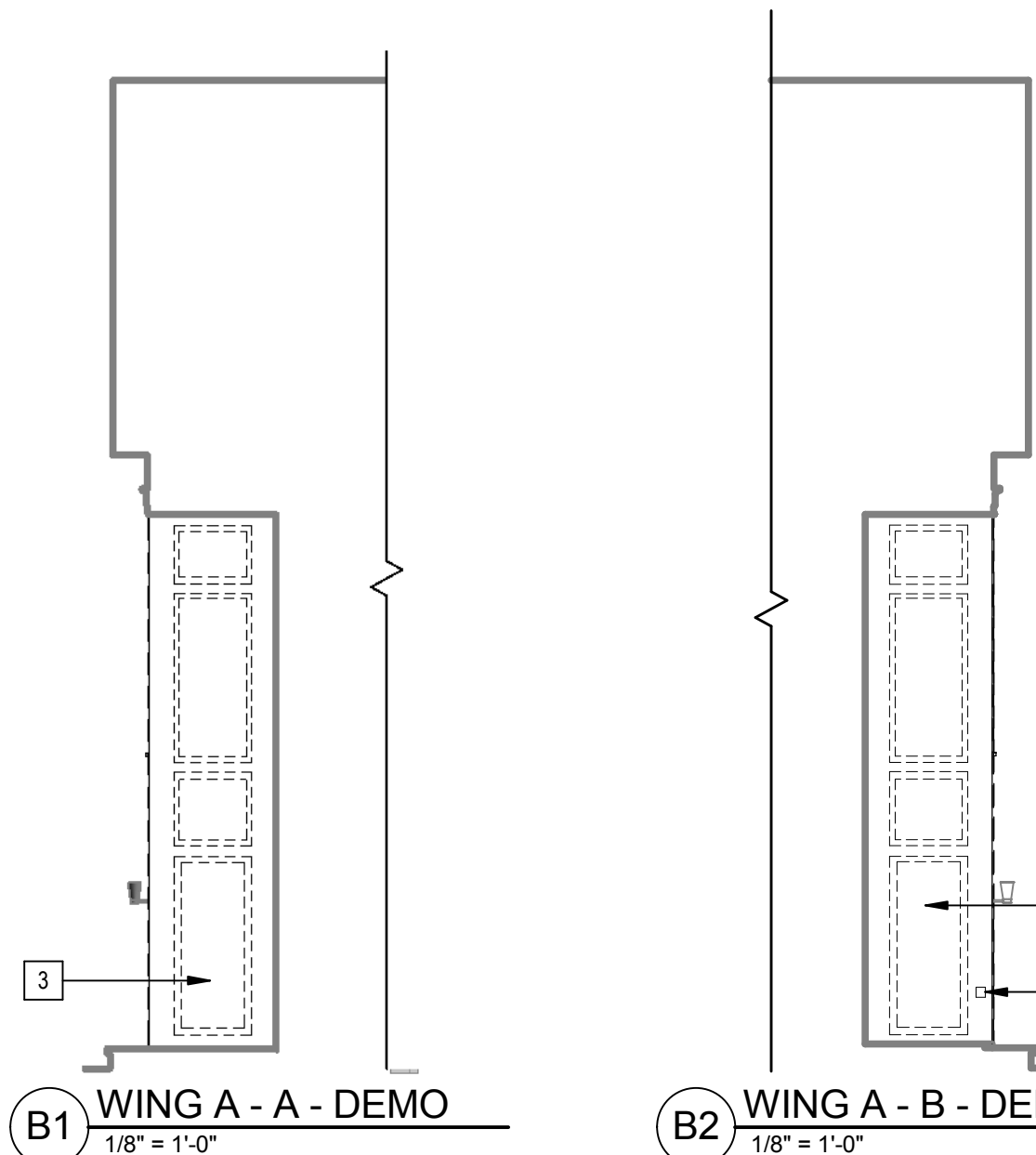
**A-003**



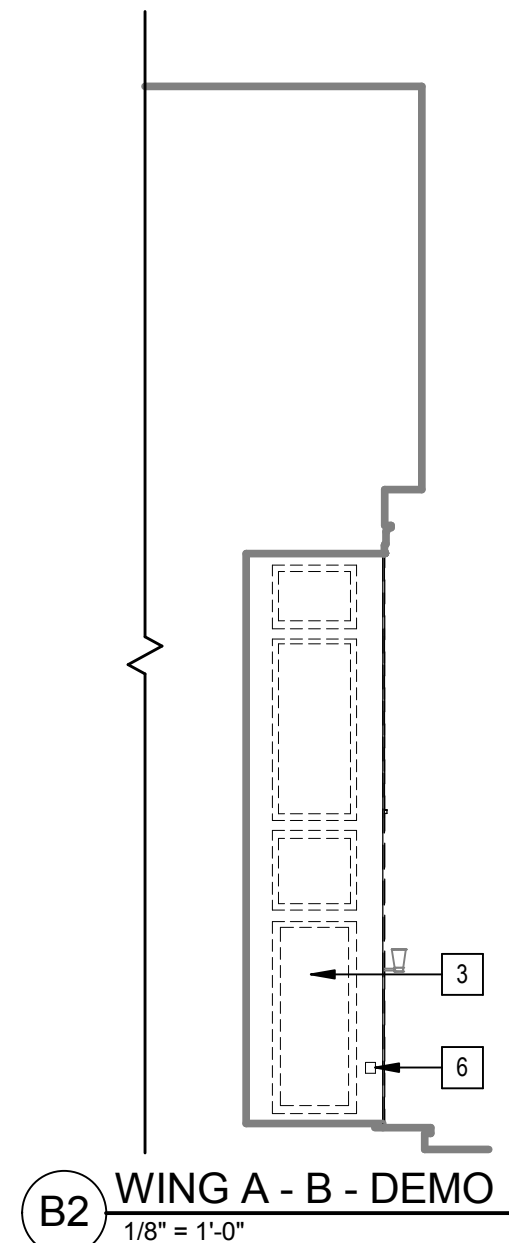
D1 WING A - NORTH - DEMO  
1/8" = 1'-0"



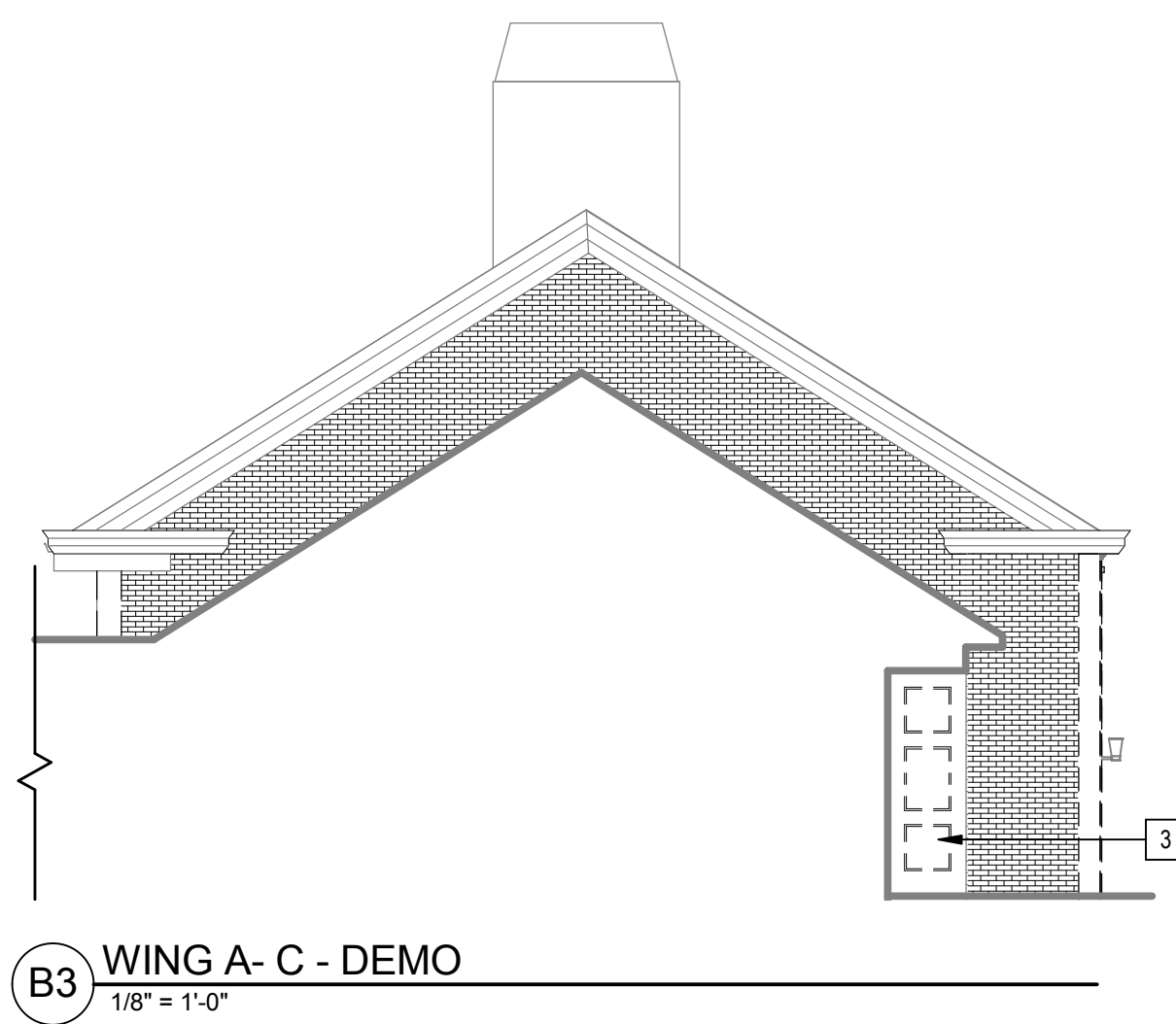
C1 WING B - NORTH - DEMO  
1/8" = 1'-0"



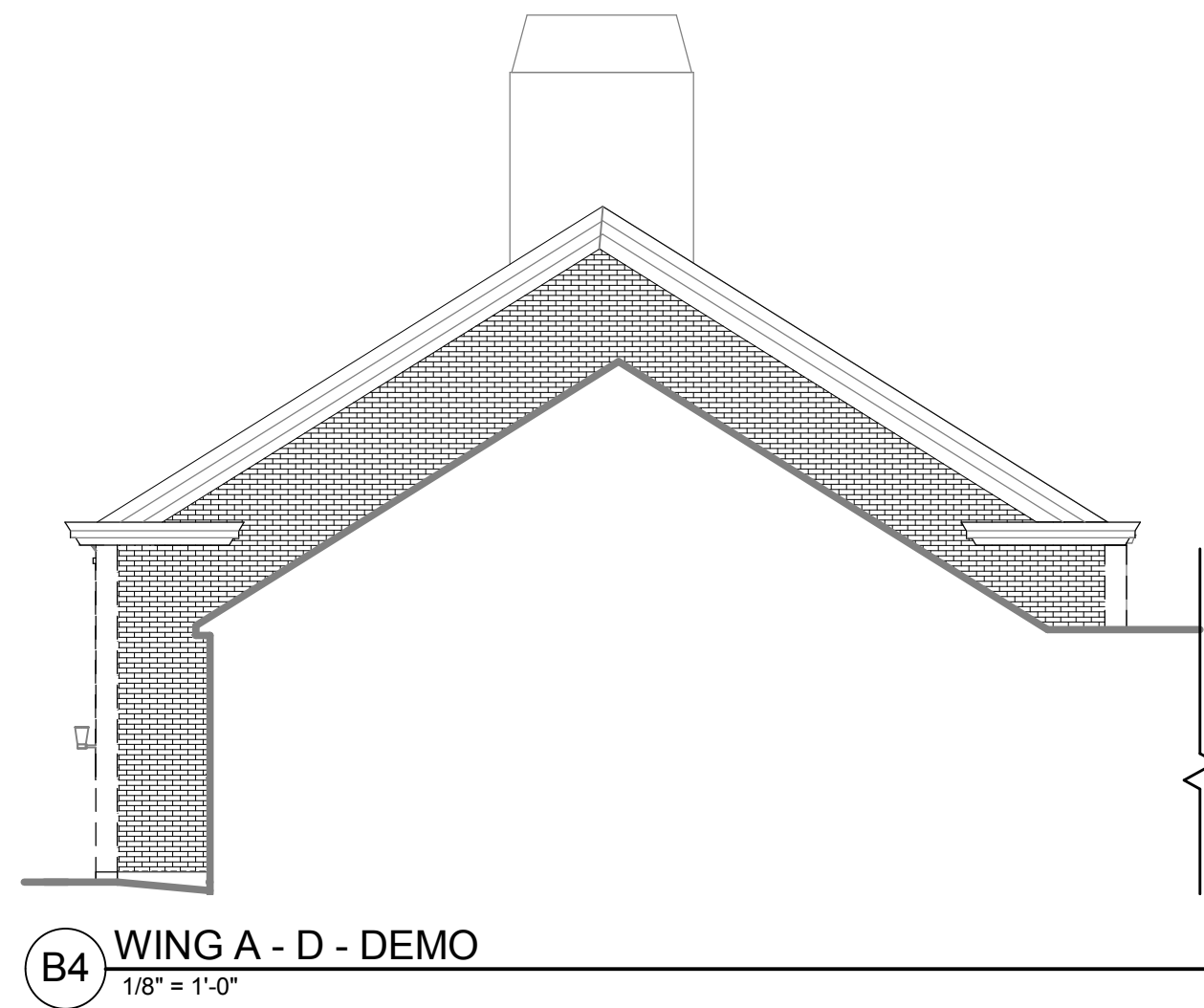
B1 WING A - A - DEMO  
1/8" = 1'-0"



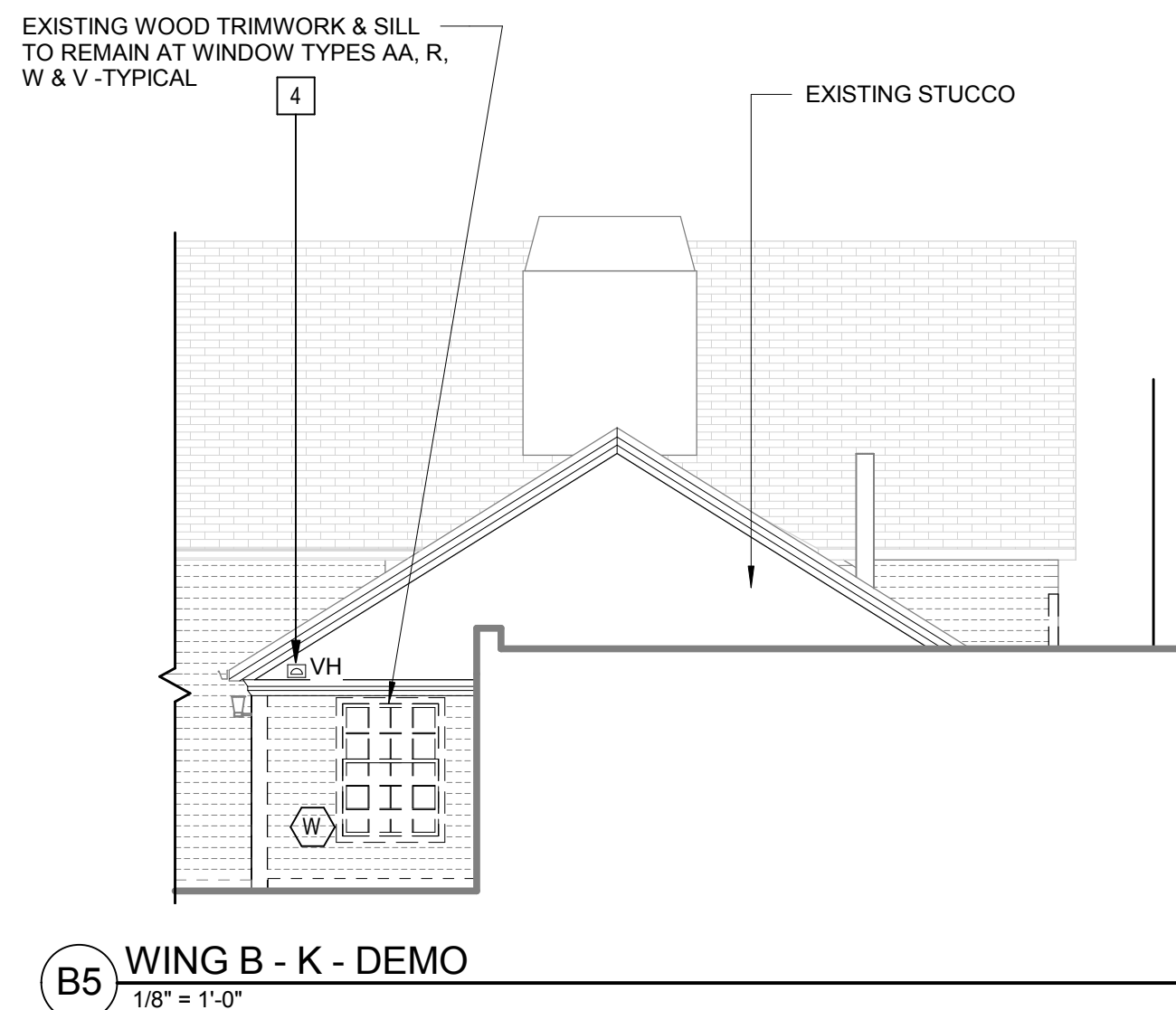
B2 WING A - B - DEMO  
1/8" = 1'-0"



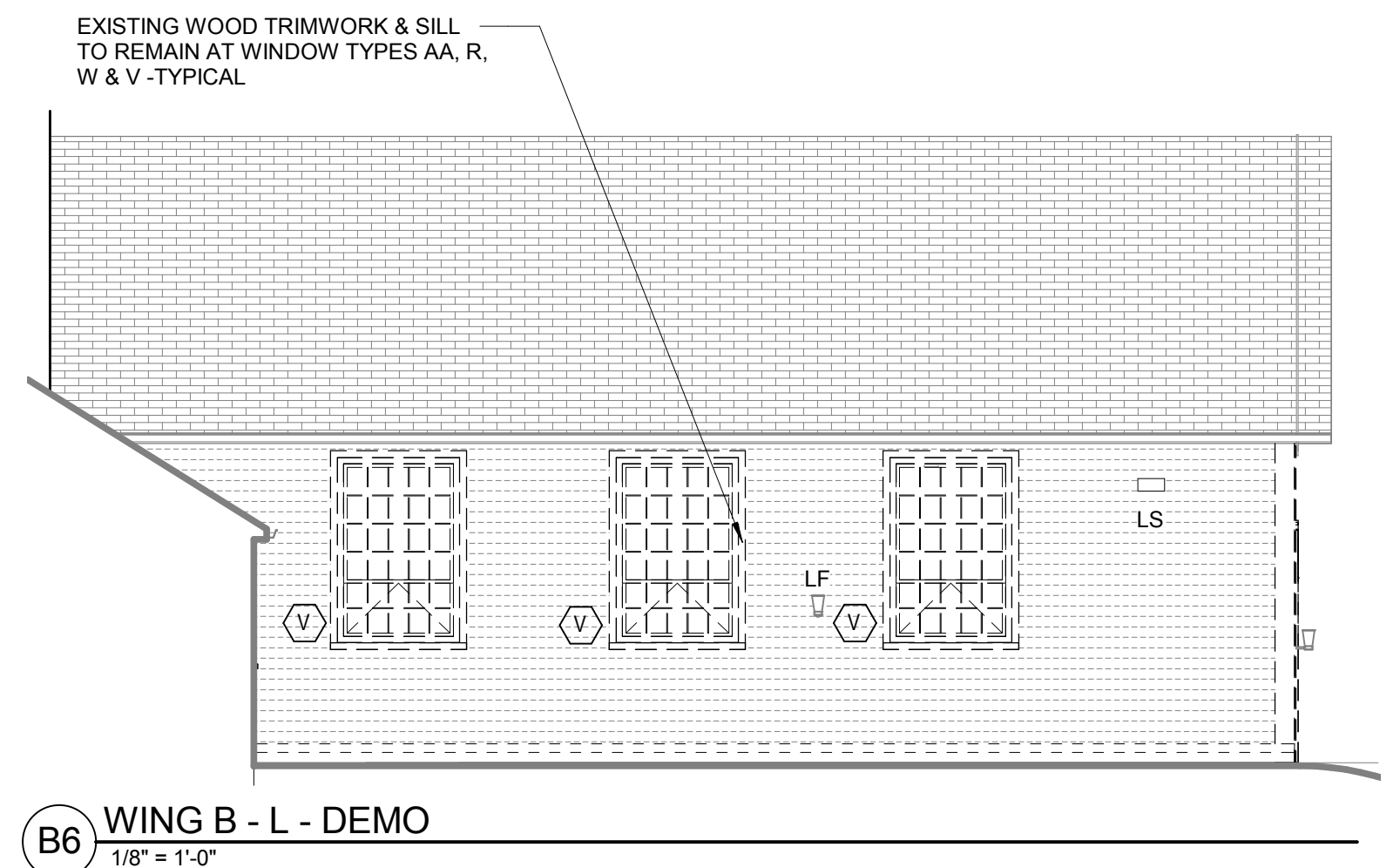
B3 WING A - C - DEMO  
1/8" = 1'-0"



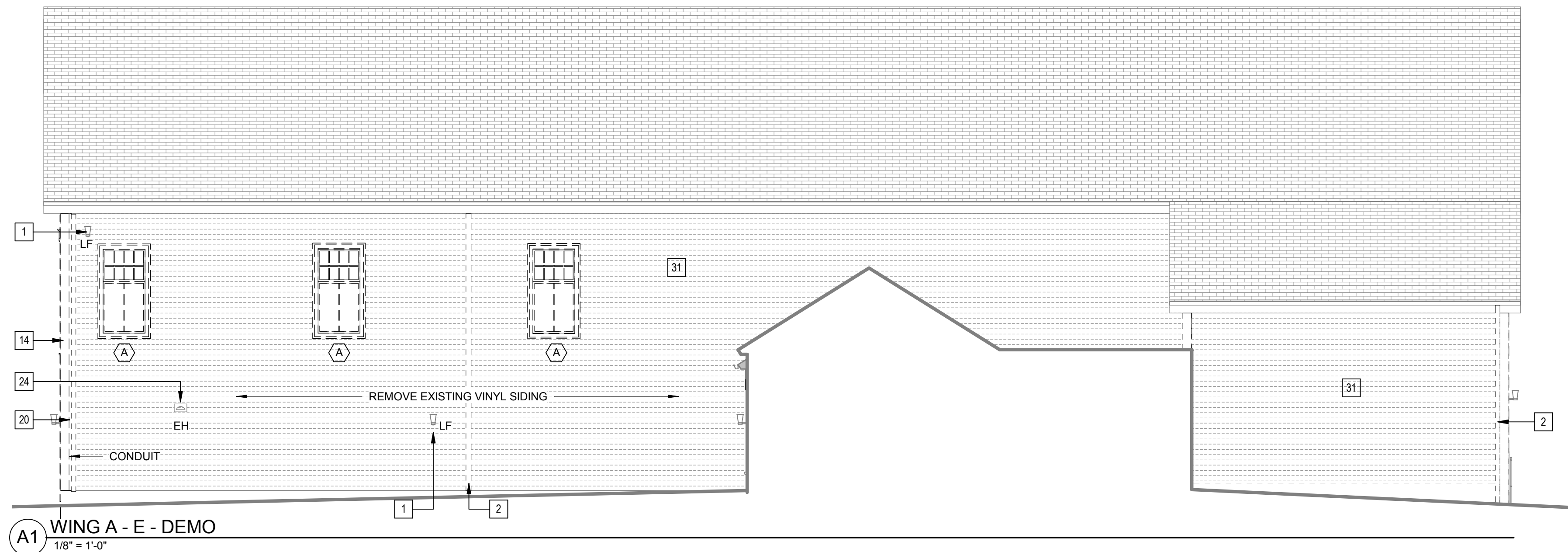
B4 WING A - D - DEMO  
1/8" = 1'-0"



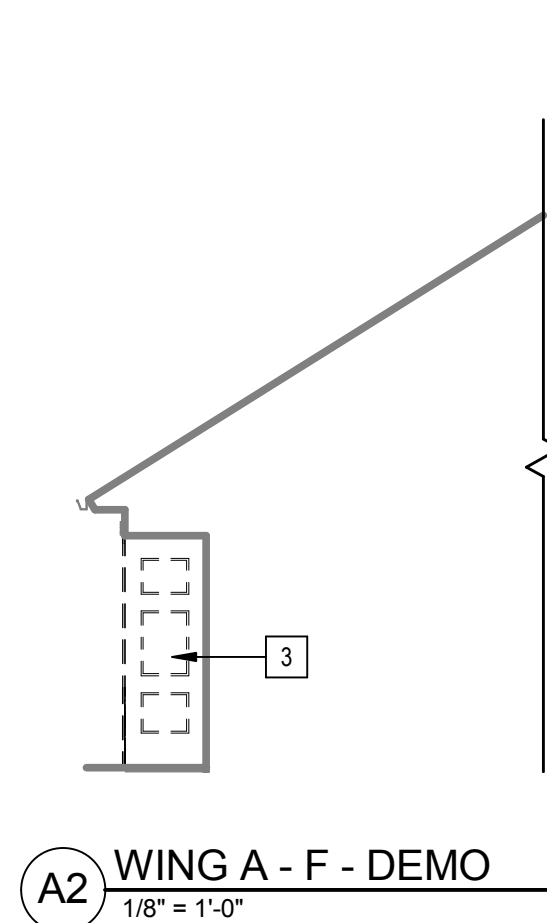
B5 WING B - K - DEMO  
1/8" = 1'-0"



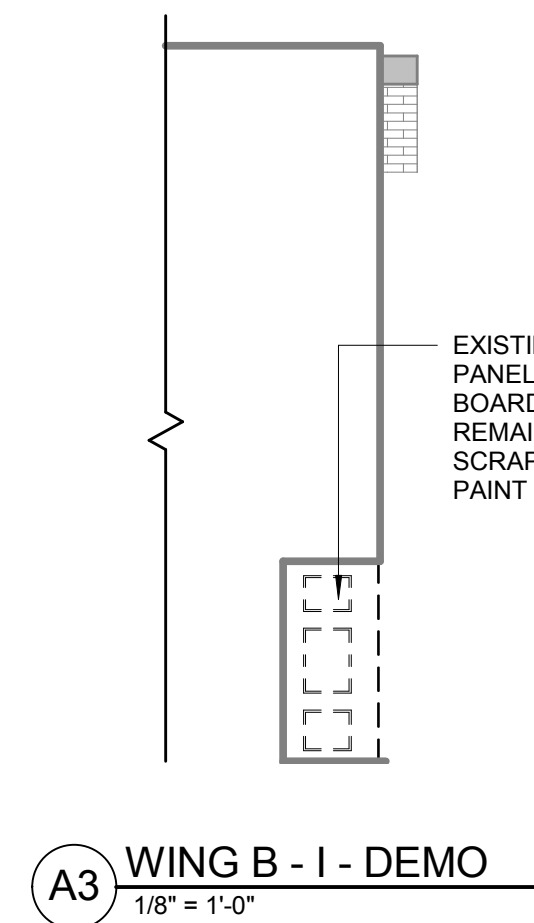
B6 WING B - L - DEMO  
1/8" = 1'-0"



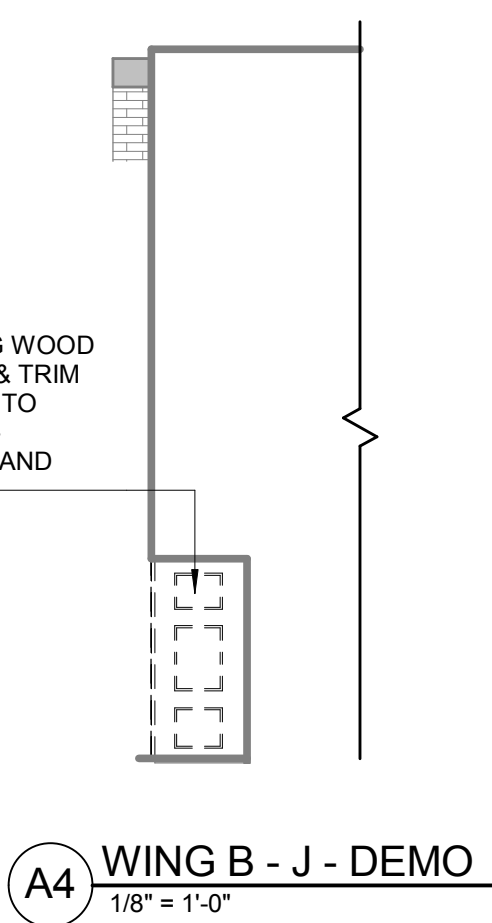
A1 WING A - E - DEMO  
1/8" = 1'-0"



A2 WING A - F - DEMO  
1/8" = 1'-0"

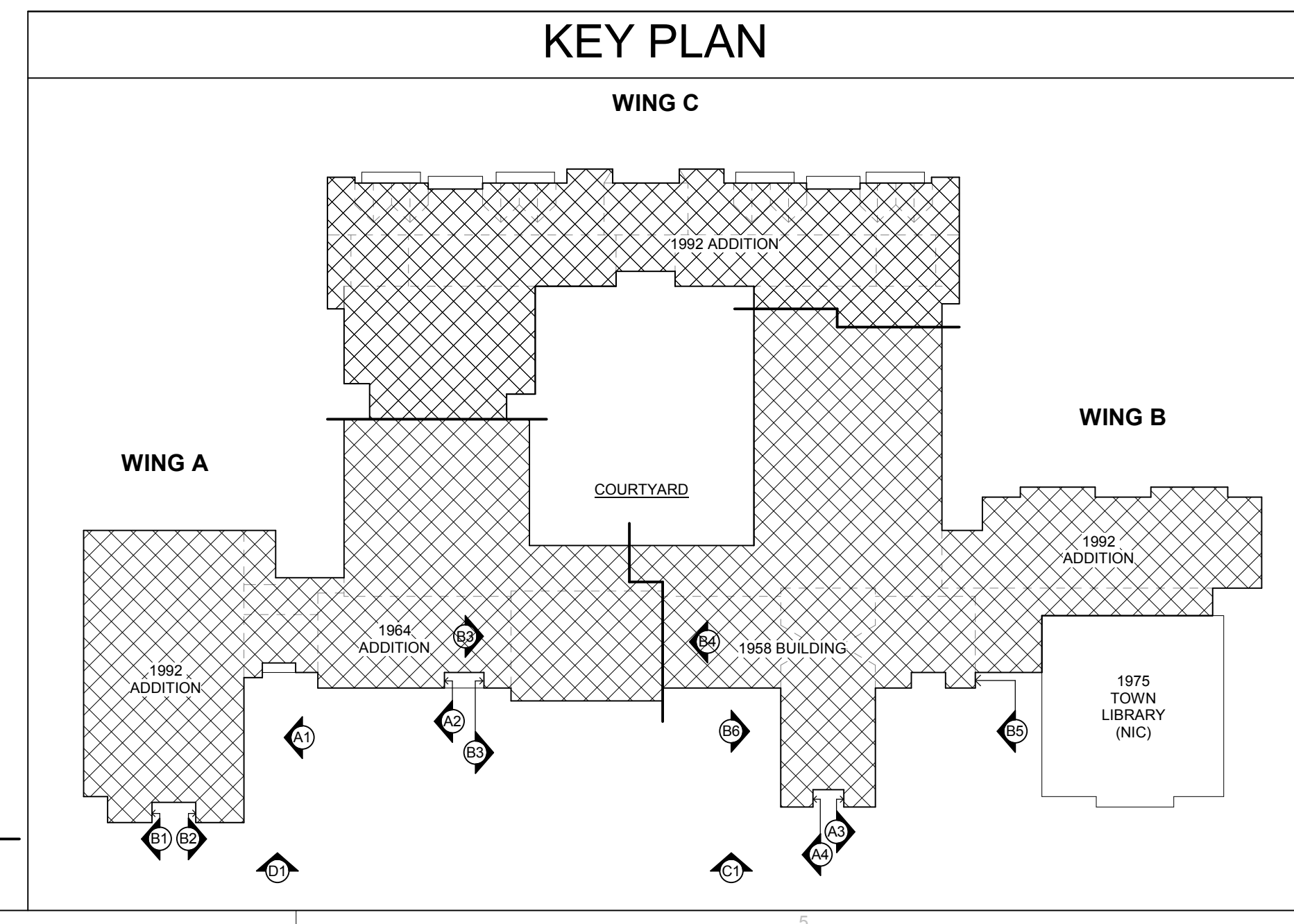


A3 WING B - I - DEMO  
1/8" = 1'-0"



A4 WING B - J - DEMO  
1/8" = 1'-0"

NOTE: REFER TO SHEET AD-204 FOR TYPICAL DEMOLITION ELEVATION KEY NOTES.



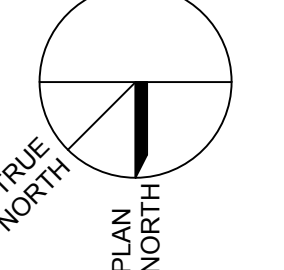
HABEEB & ASSOCIATES  
ARCHITECTS

H&A  
150 LOCUST STREET  
NORWELL, MA 02061  
OFFICE: 781.871.8888  
FAX: 781.871.8885  
habeeb@habeeb.com

STAMP

CONSULTANT

NORTH ARROW



KEY PLAN

MSBA ACCELERATED REPAIR PROGRAM  
WINDOWS, DOORS & SIDING REPLACEMENT  
**HALIFAX ELEMENTARY SCHOOL**  
464 PLYMOUTH STREET HALIFAX, MA 02338

MARK	REVISION	DATE	BY	APP'D
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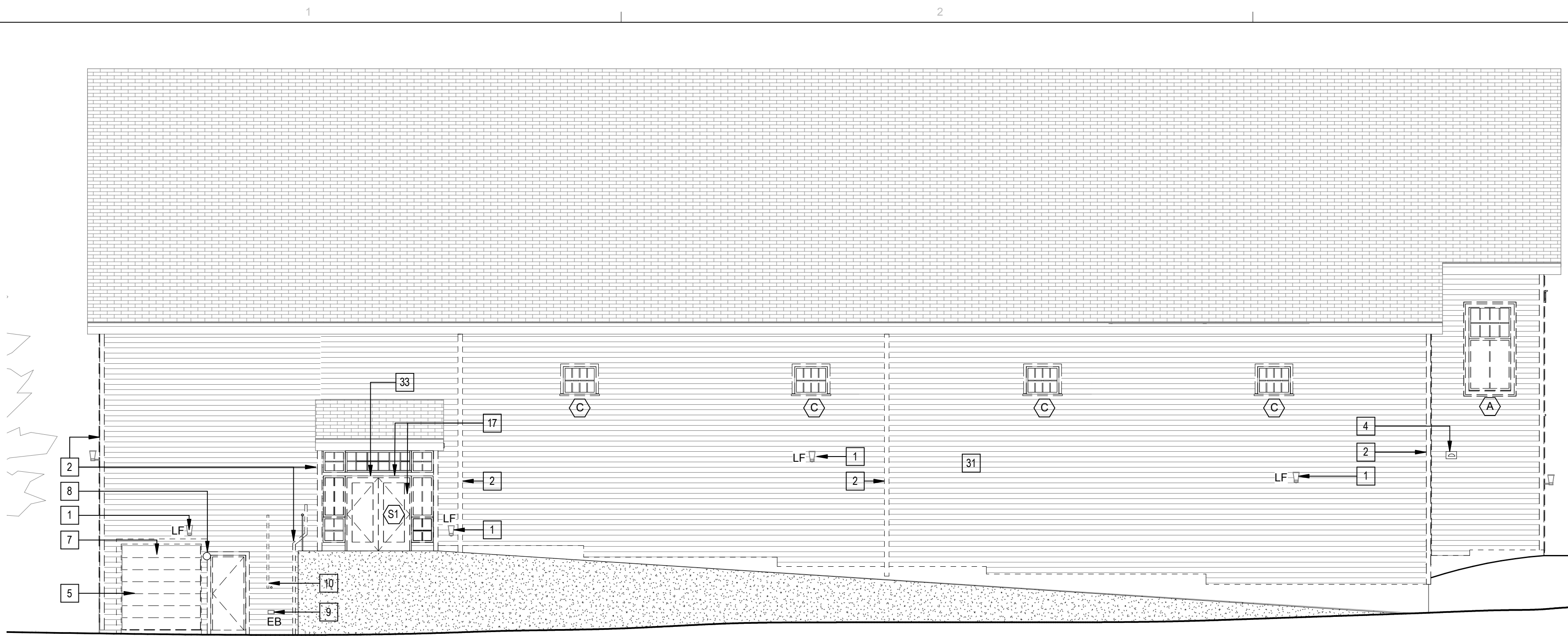
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DATE: 12/13/17  
SCALE: 1/8" = 1'-0"  
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CHECKED BY: JD

EXTERIOR  
ELEVATIONS -  
DEMOLITION

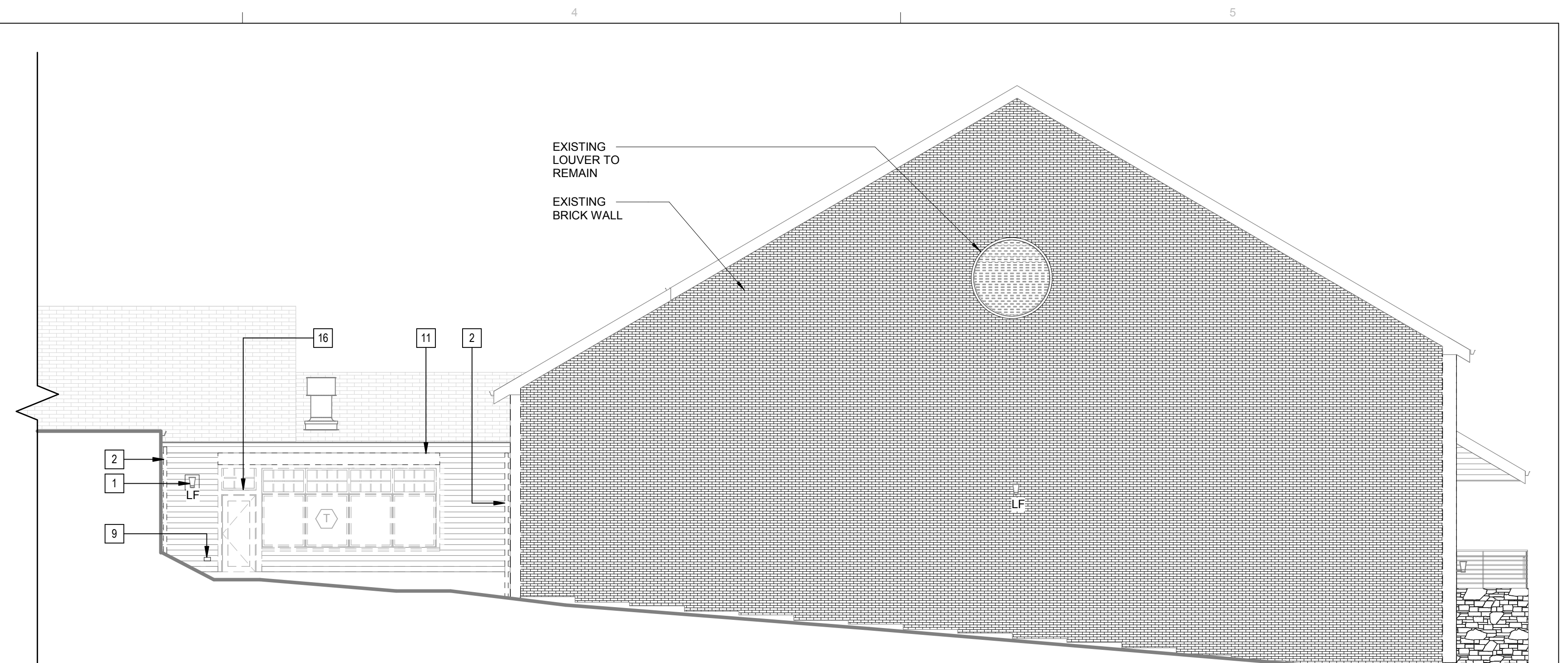
AD-201

1/23/2018 11:13:27 AM

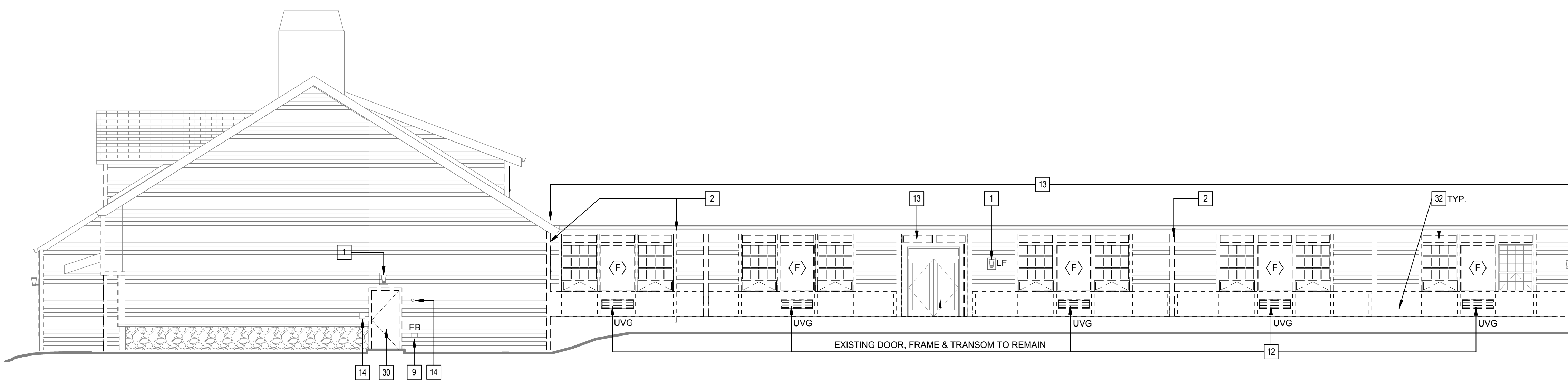




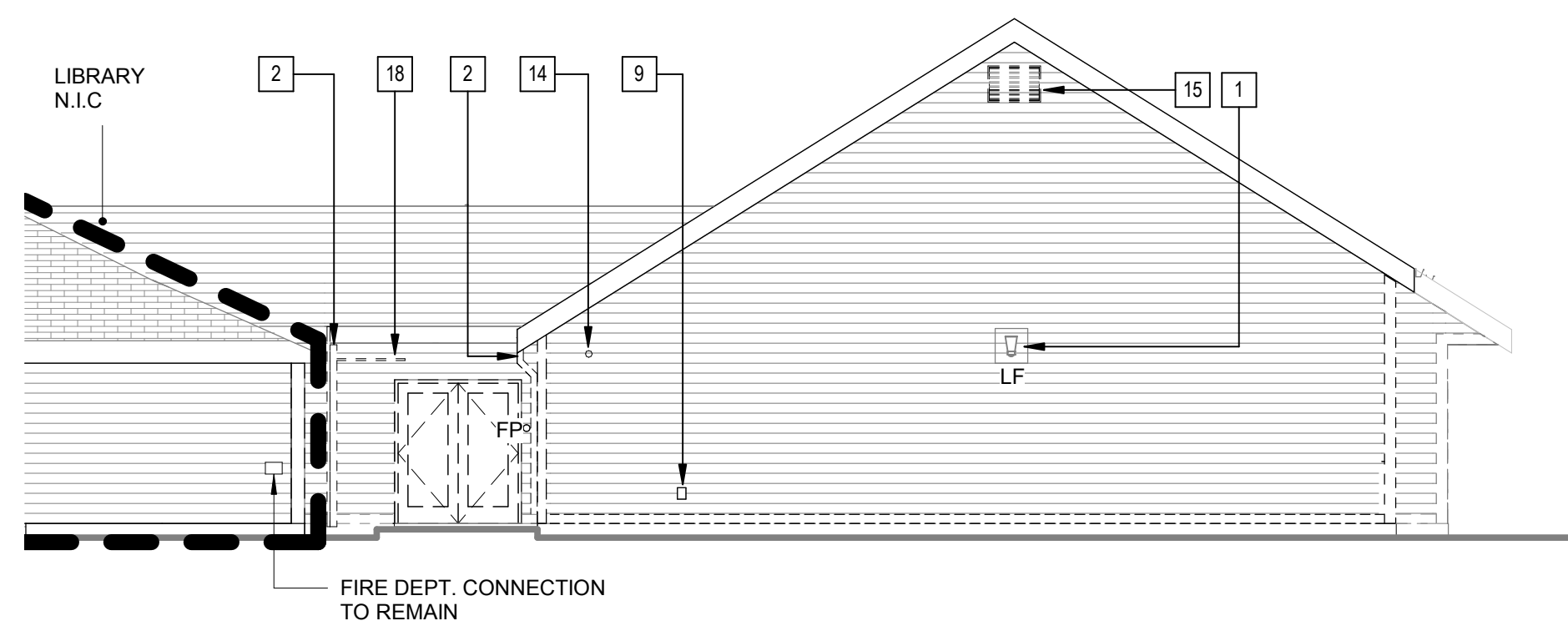
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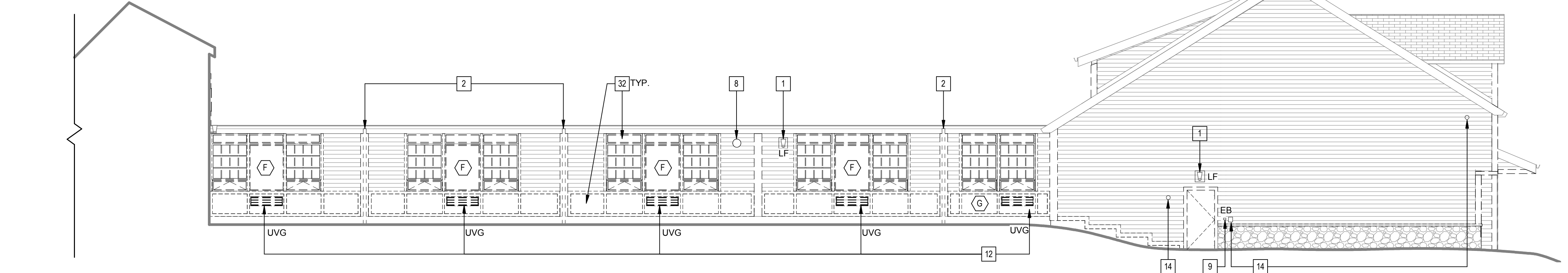
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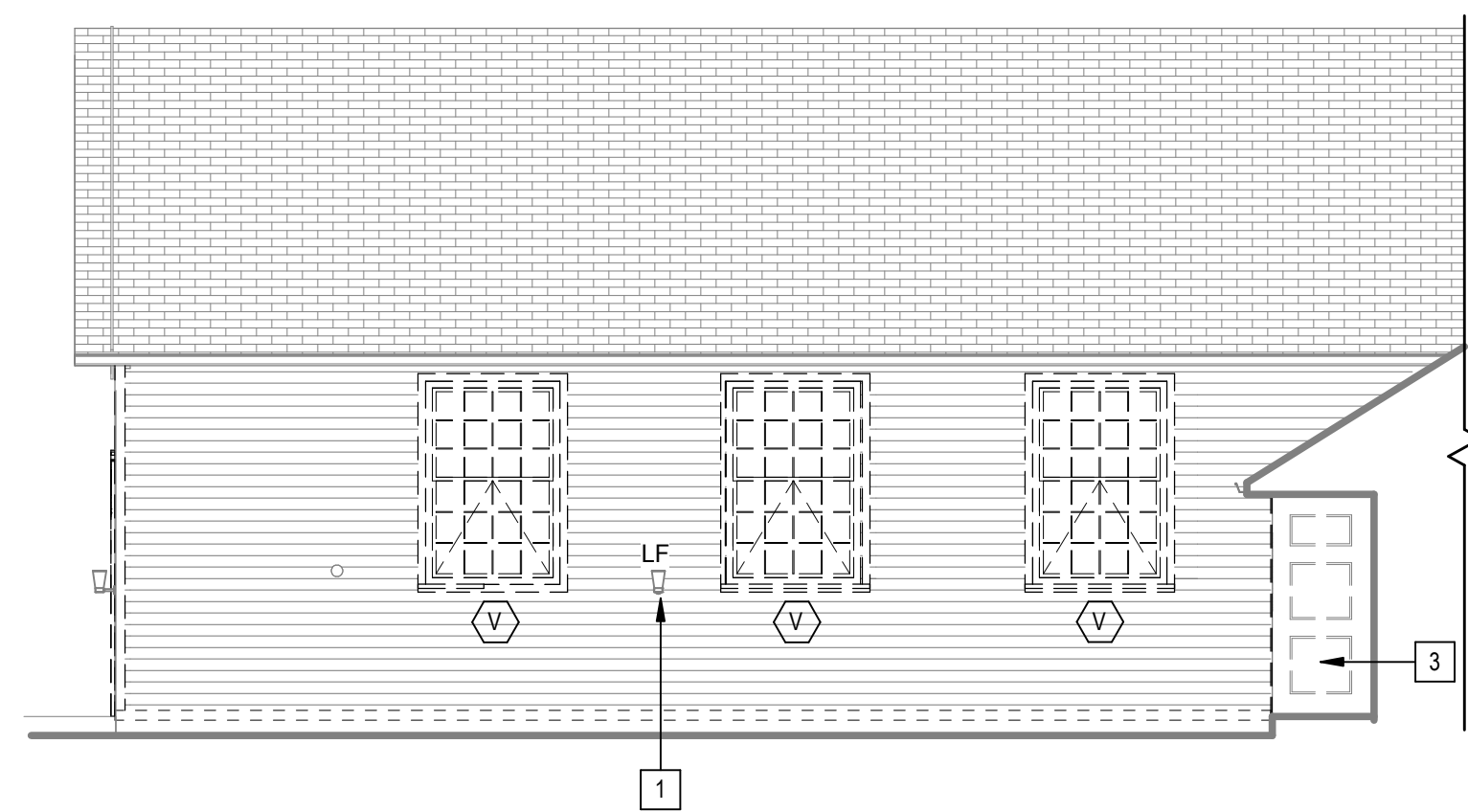
C1 WING C - EAST - DEMO  
1/8" = 1'-0"



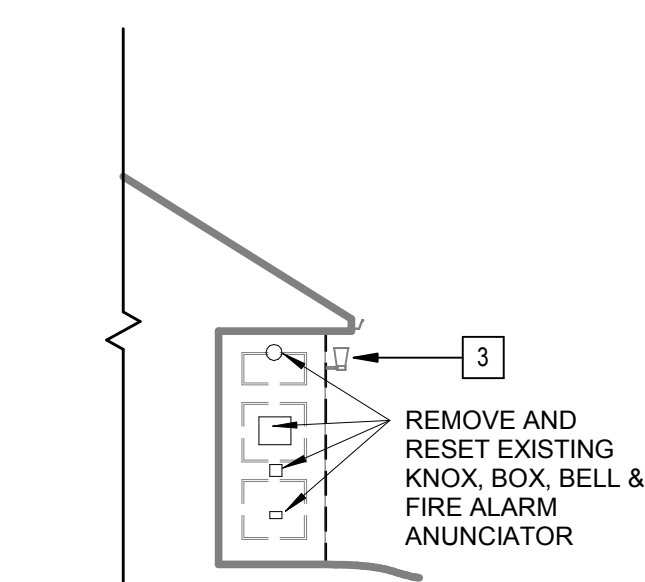
B1 WING B - WEST - DEMO - 2  
1/8" = 1'-0"



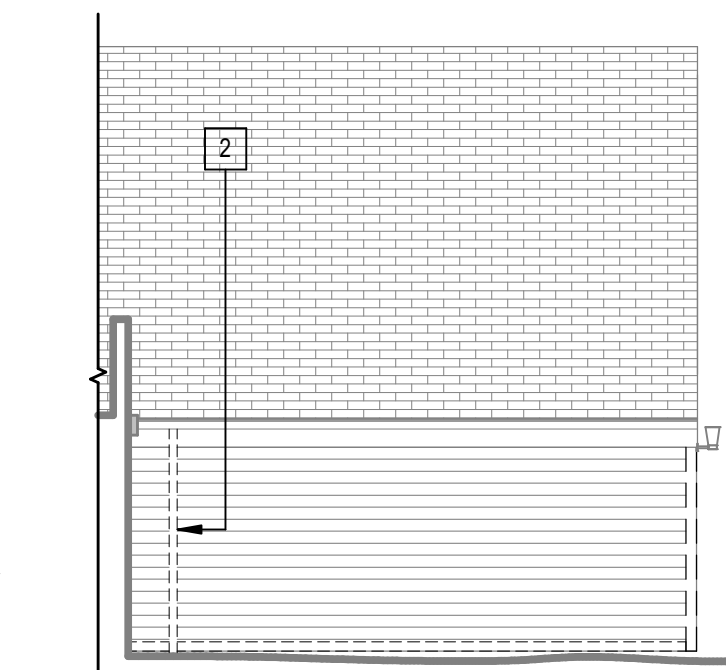
B2 WING B - WEST - DEMO 3  
1/8" = 1'-0"



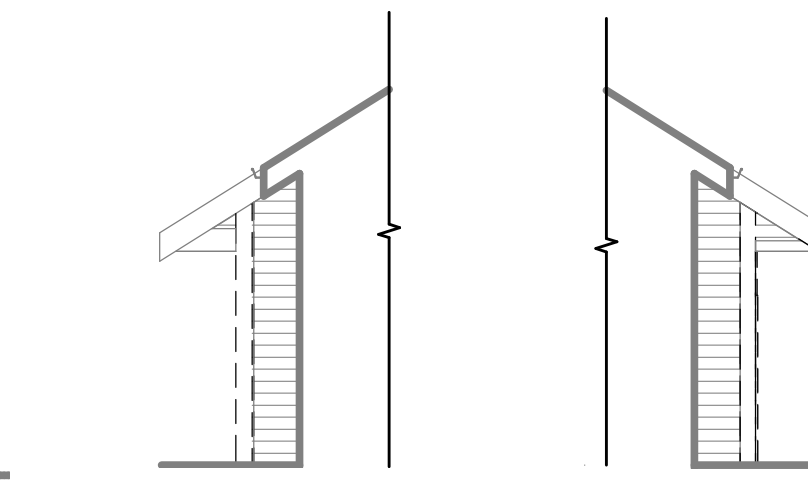
A1 WING B - A - DEMO  
1/8" = 1'-0"



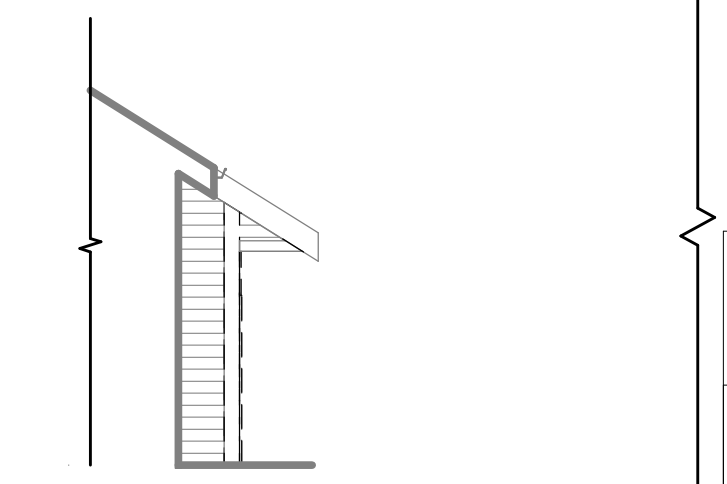
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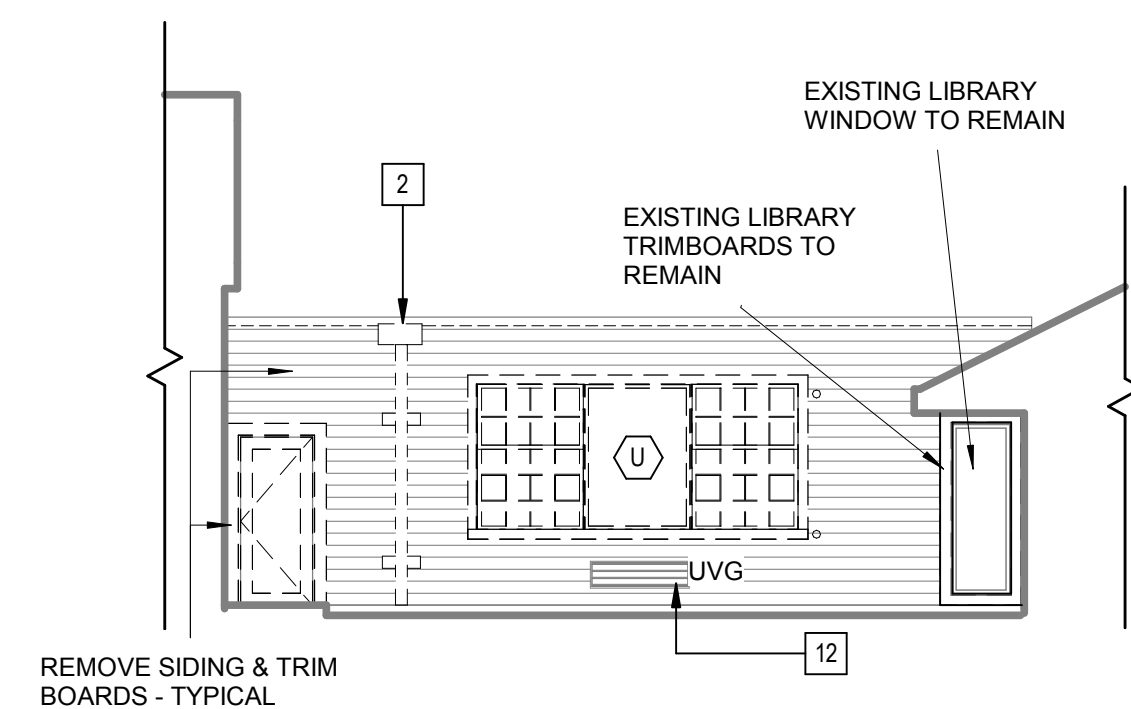
A3 WING B - D - DEMO  
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A4 WING B - E - DEMO  
1/8" = 1'-0"

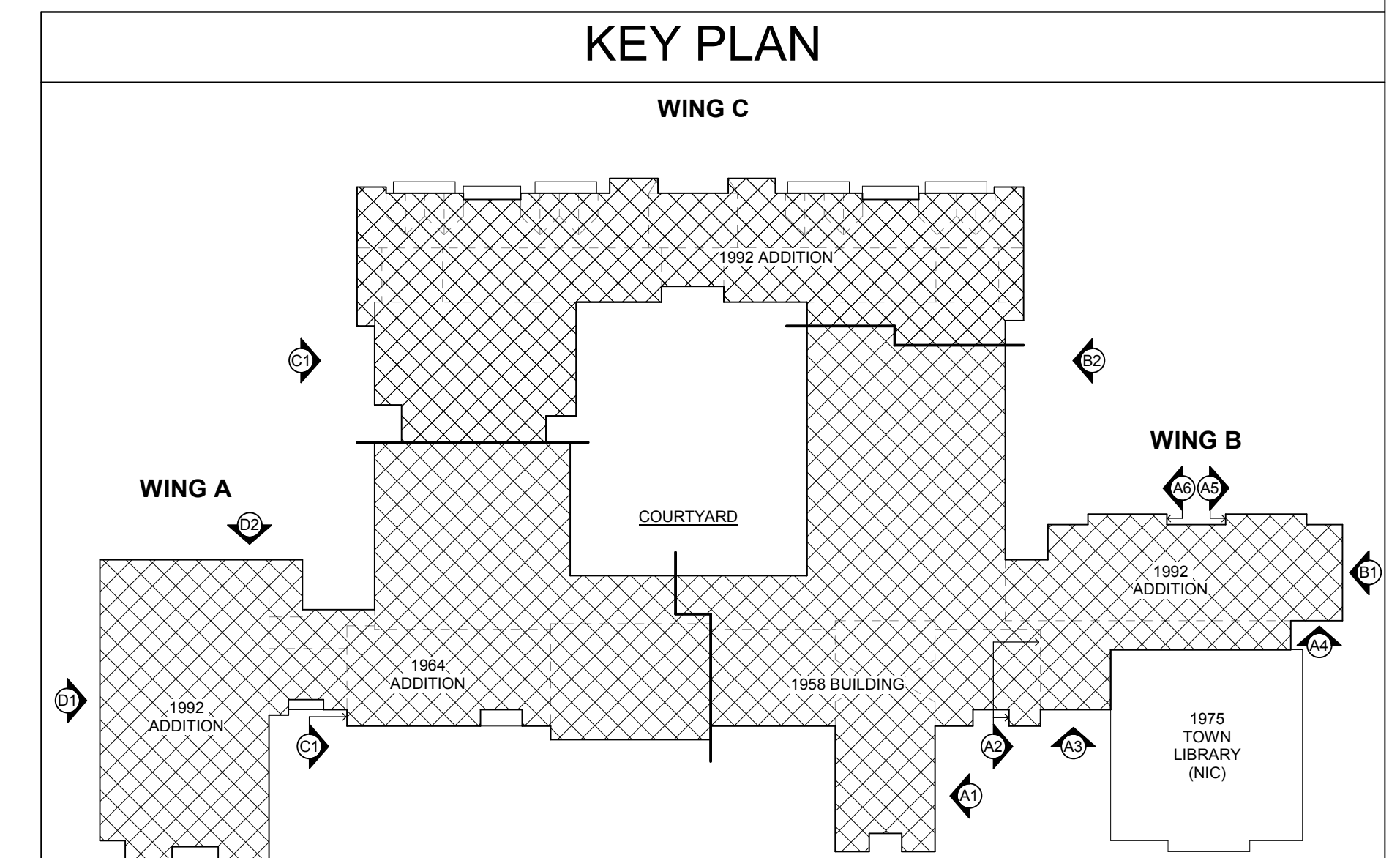


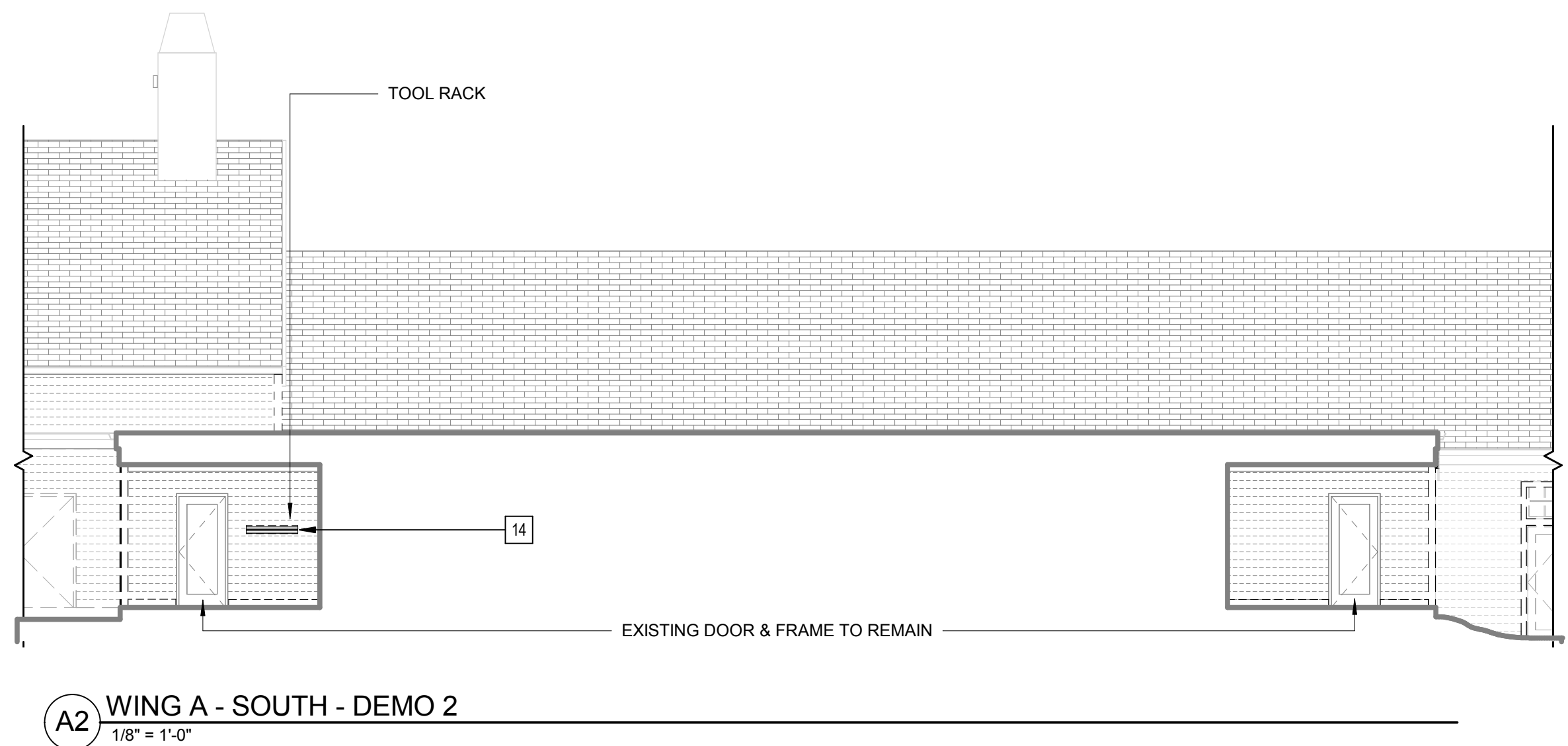
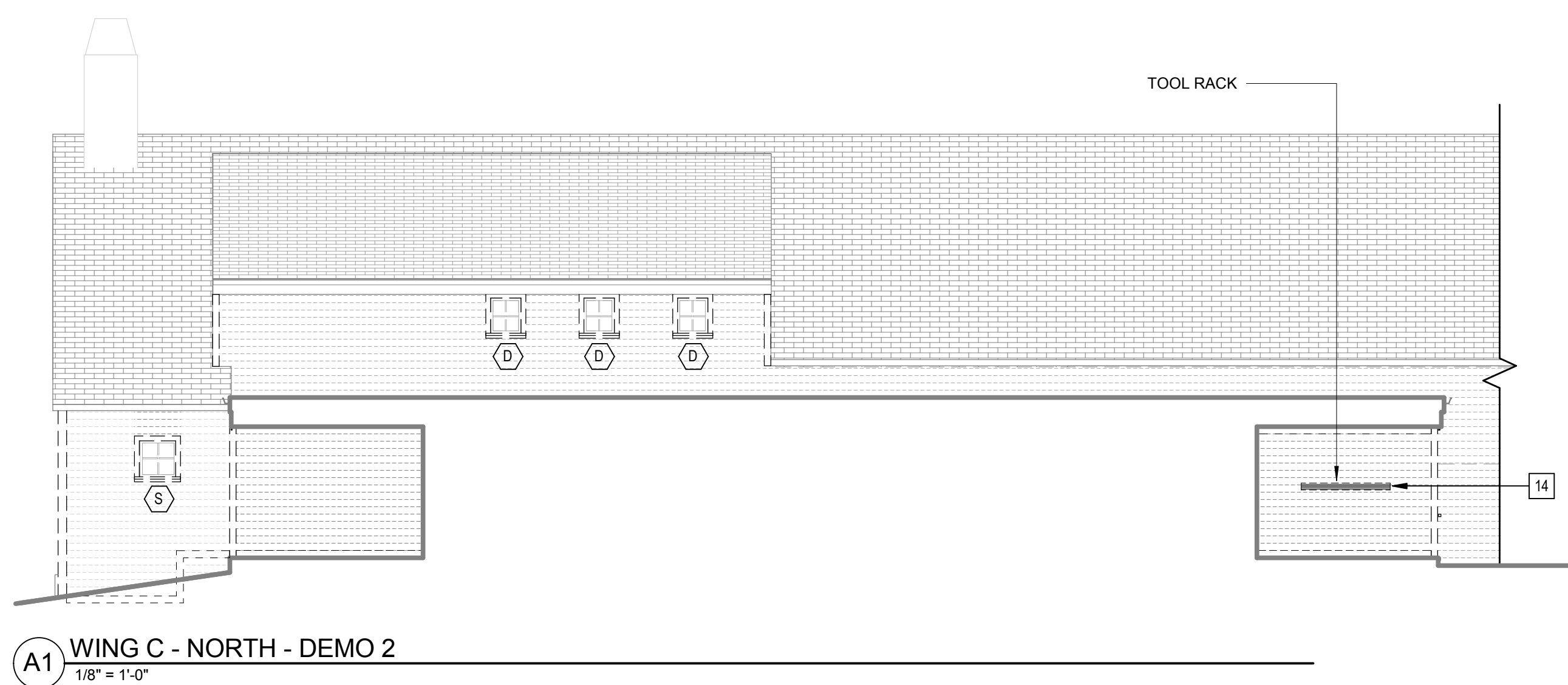
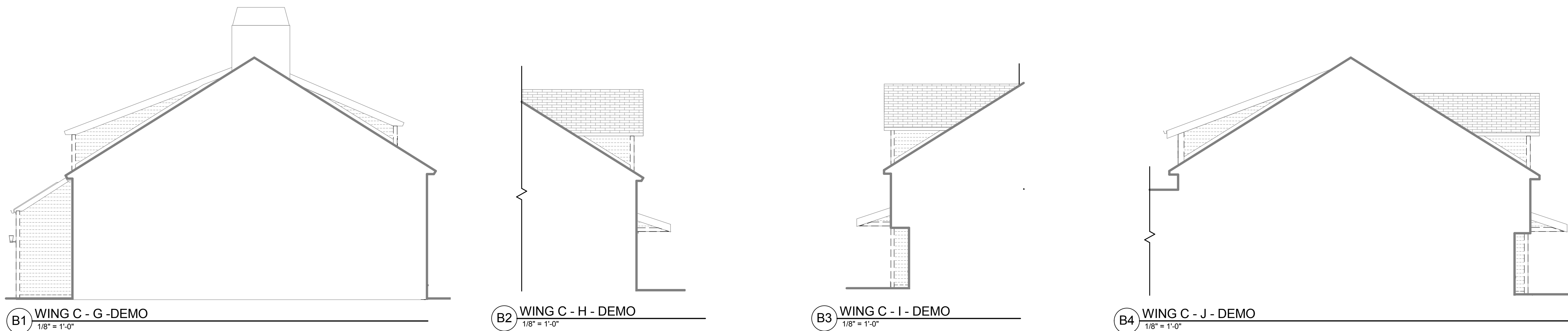
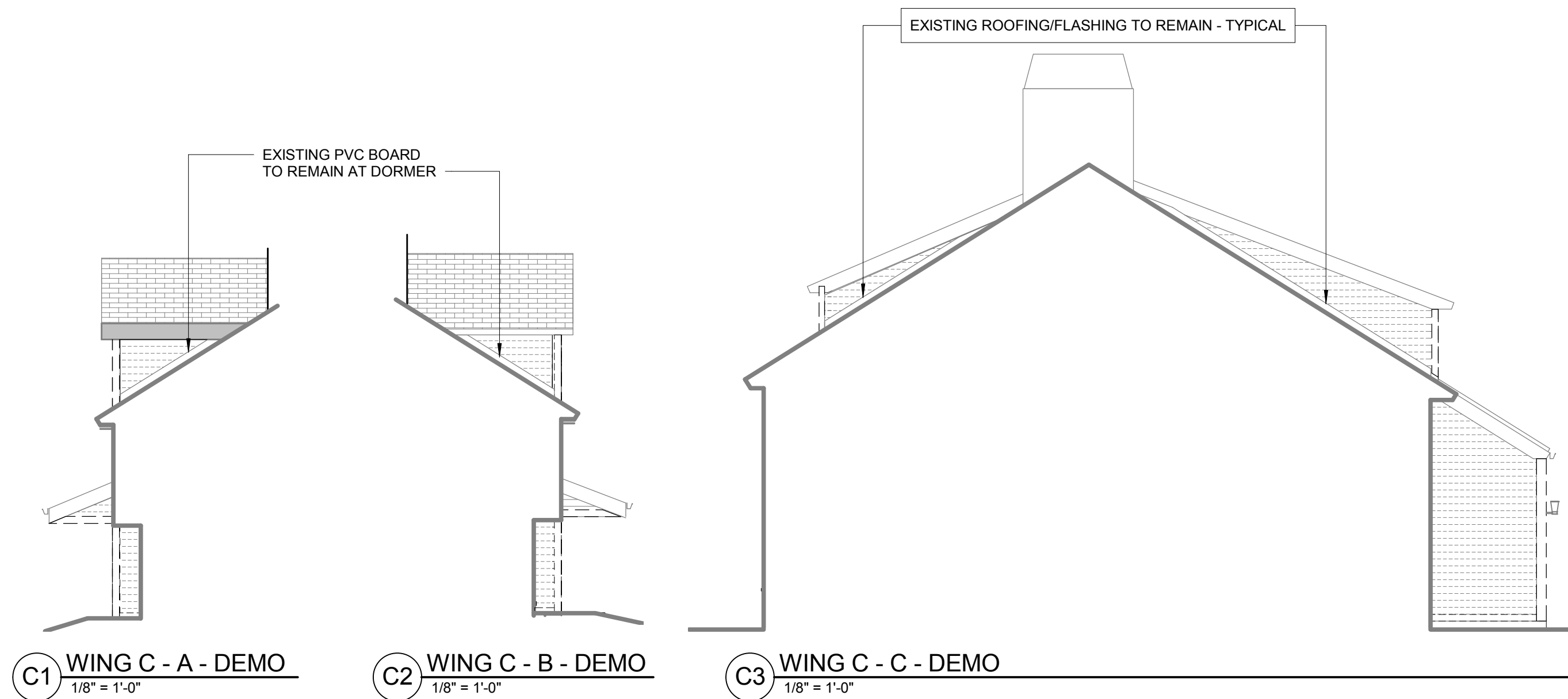
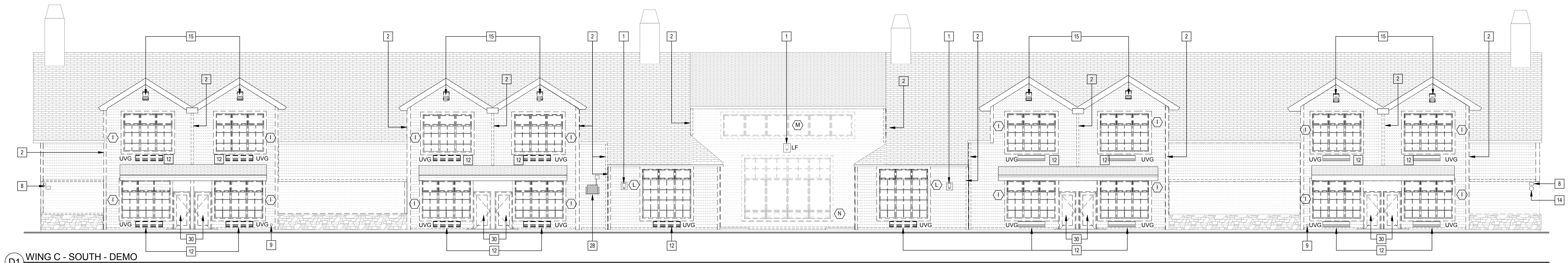
A5 WING B - F - DEMO  
1/8" = 1'-0"



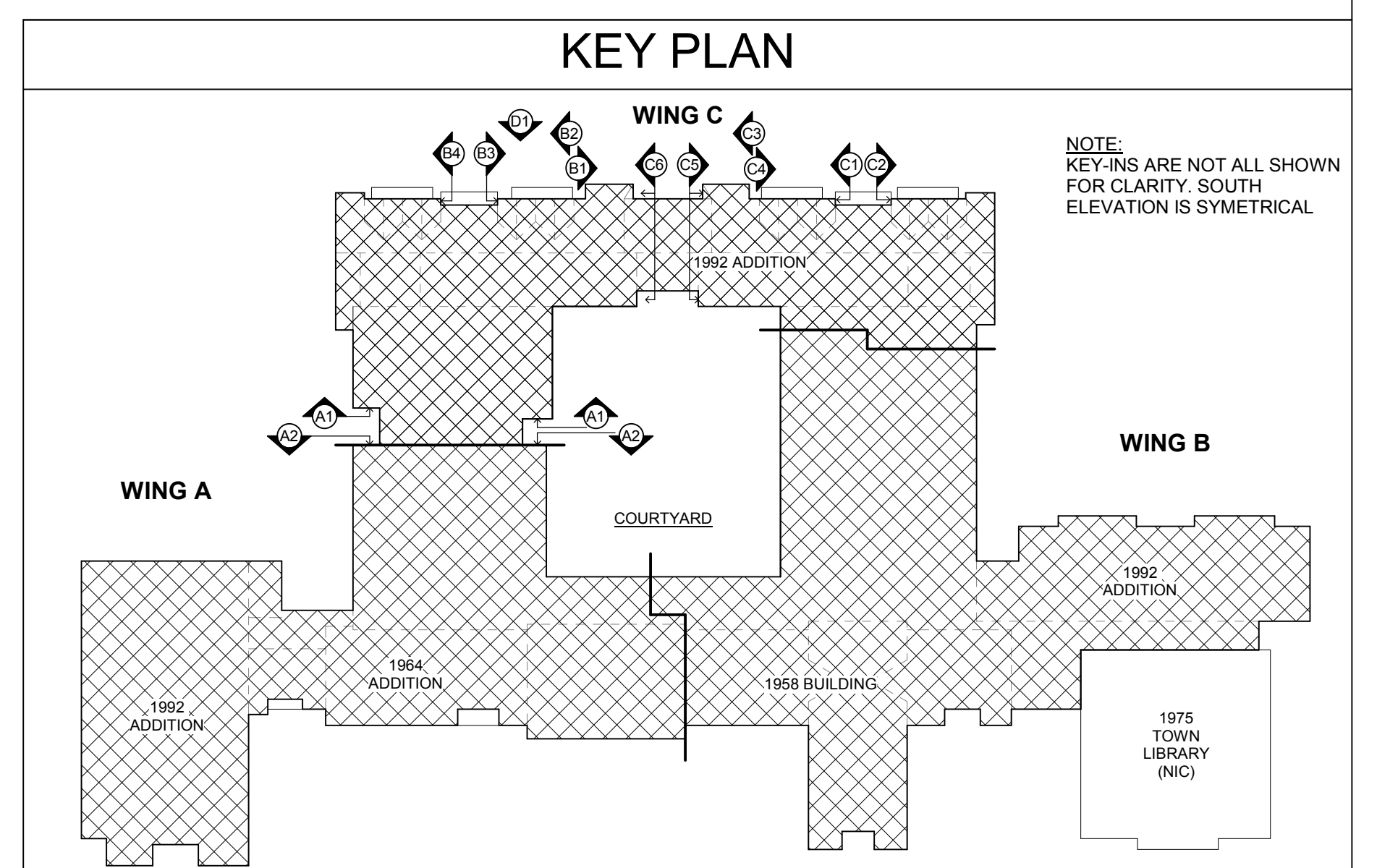
A6 WING B - C - DEMO  
1/8" = 1'-0"

NOTE: REFER TO SHEET AD-204 FOR TYPICAL DEMOLITION ELEVATION KEY NOTES.





NOTE: REFER TO SHEET AD-204 FOR TYPICAL DEMOLITION ELEVATION KEY NOTES.

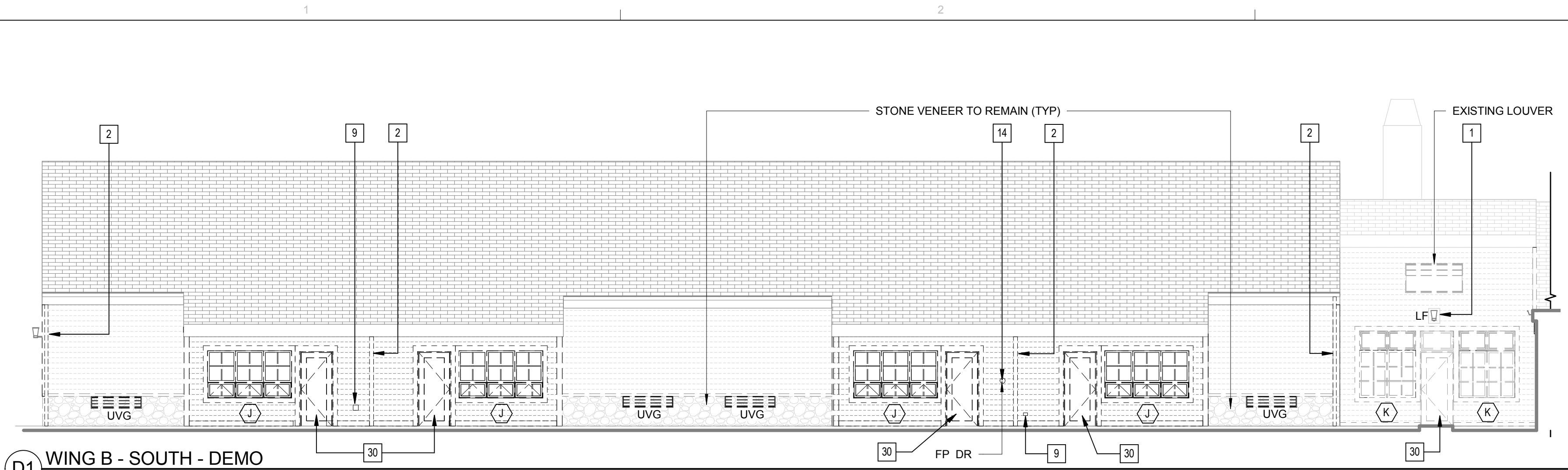


MARK	REVISION	DATE	BY	APP'D
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	2		Checker	
	3			
	4			
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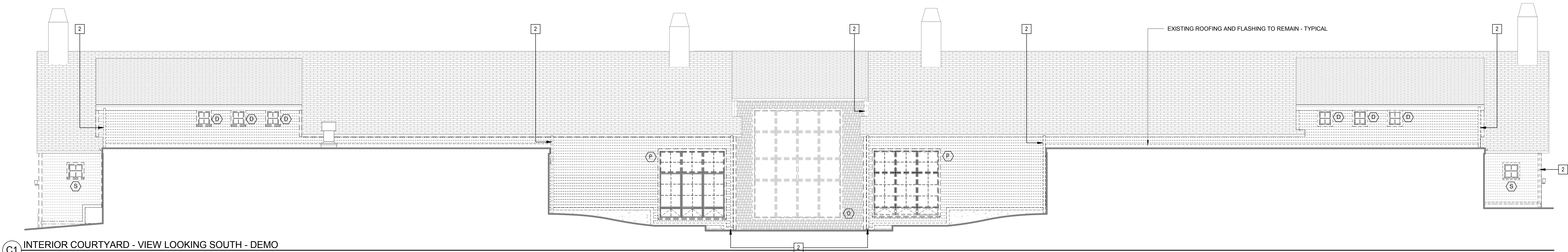
PROJECT NO: 1614.03  
DATE: 12/13/17  
SCALE: 1/8" = 1'-0"  
DRAWN BY: Author  
CHECKED BY: Checker

EXTERIOR  
ELEVATIONS -  
DEMOLITION

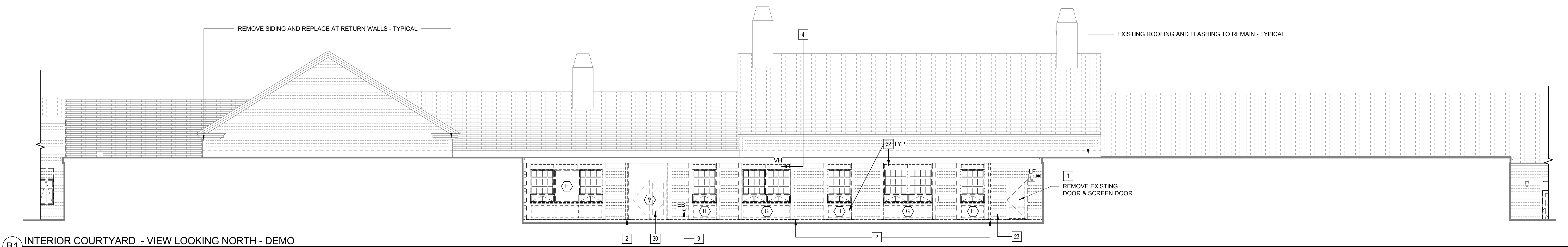




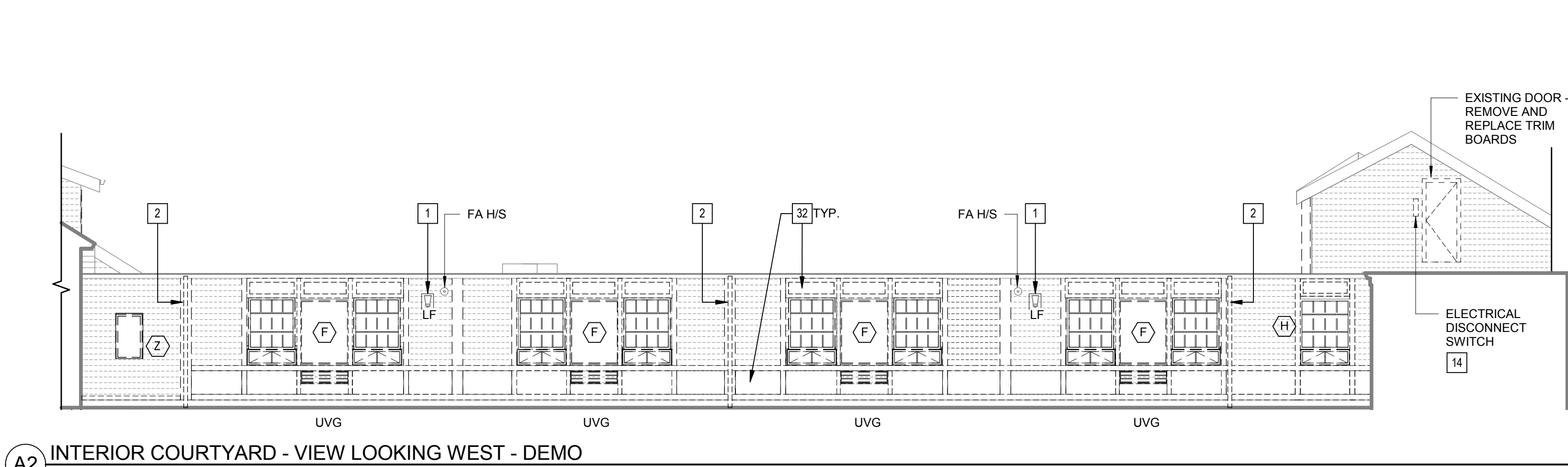
D1 WING B - SOUTH - DEMO  
1/8" = 1'-0"



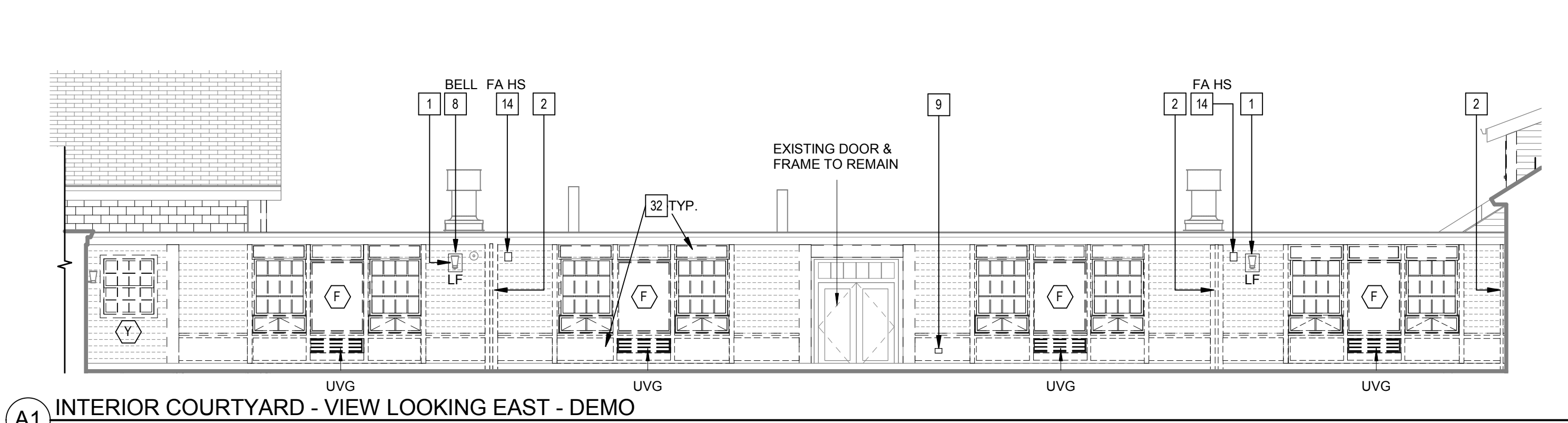
C1 INTERIOR COURTYARD - VIEW LOOKING SOUTH - DEMO  
1/8" = 1'-0"



B1 INTERIOR COURTYARD - VIEW LOOKING NORTH - DEMO  
1/8" = 1'-0"



A2 INTERIOR COURTYARD - VIEW LOOKING WEST - DEMO  
1/8" = 1'-0"



A1 INTERIOR COURTYARD - VIEW LOOKING EAST - DEMO  
1/8" = 1'-0"

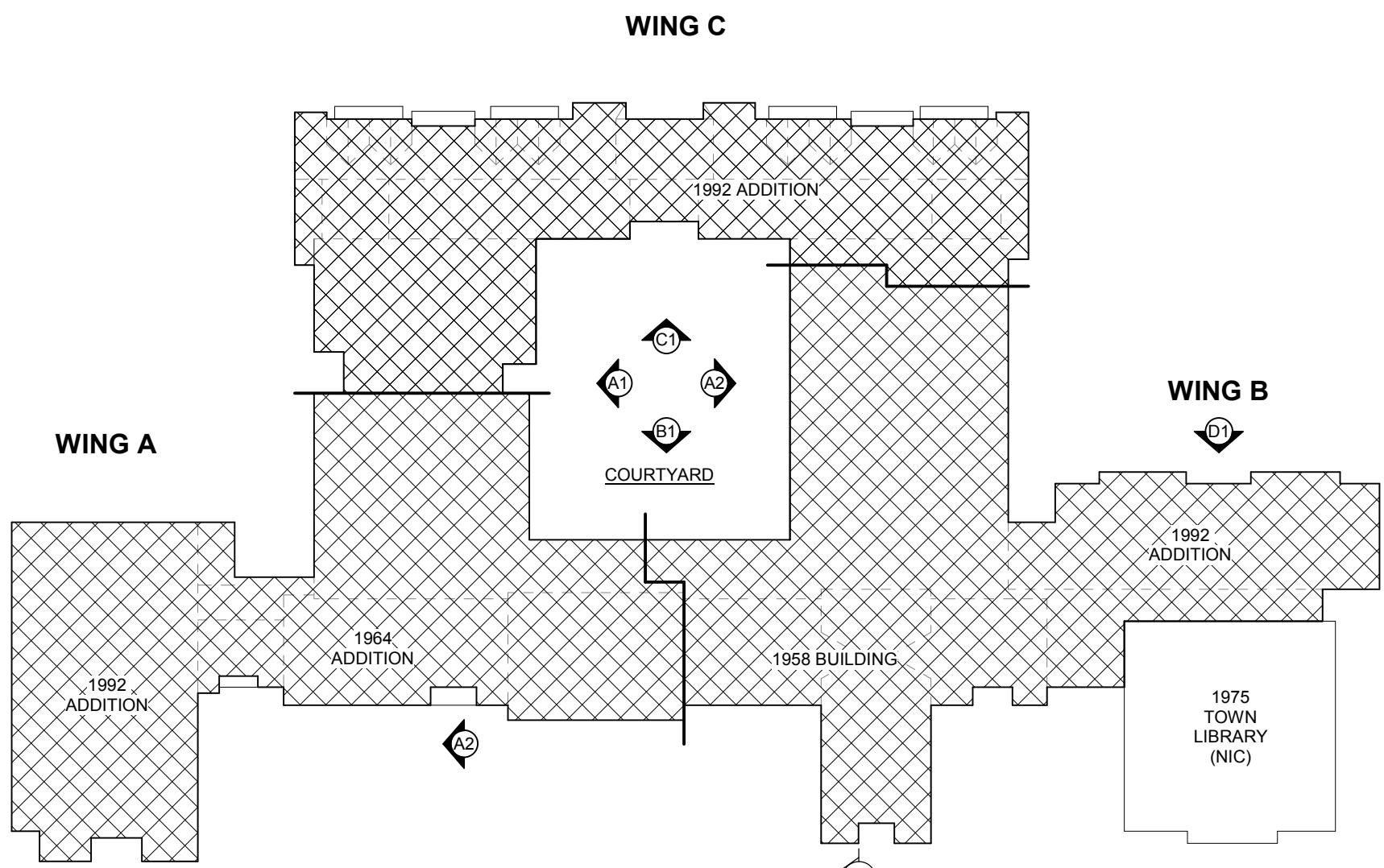
## DEMOLITION GENERAL NOTES

1. REMOVE ALL WOOD AND VINYL SIDING, WOOD TRIM BOARDS, EXTERIOR WINDOW CASING, WATER TABLE, WINDOW SILLS, WINDOW APRONS, BUILDING PAPER UNLESS MARKED TO REMAIN ON THE DRAWINGS, EXISTING GUTTERS, FASCIA, RAKE BOARDS AND METAL SOFFIT FACING TO REMAIN.
2. REMOVE ALL EXTERIOR WINDOW SYSTEMS EXCEPT AT LOCATIONS MARKED TO REMAIN ON THE DRAWINGS.
3. REMOVE ALL EXTERIOR DOOR SYSTEMS, TRANSOM LITES AND SIDE LITES EXCEPT AT LOCATIONS MARKED TO REMAIN ON THE DRAWINGS.
4. REMOVE ALL EXTERIOR DOOR NUMBER SIGNAGE.
5. CUT WINDOW NAILING FINS AT VINYL WINDOWS.
6. CONTRACTOR TO MODIFY WOOD BLOCKING AT EXISTING ROUGH OPENINGS FOR INSTALLATION OF NEW WINDOW AND STOREFRONT FRAMES.
7. REMOVE EXISTING FABRIC SHADES INCLUDING CORDS, MOUNTING BRACKETS, & ALL FASTENERS, TYPICAL.
8. REMOVE AND REPLACE 1X WOOD INTERIOR WINDOW TRIM AT LOCATIONS WHERE TRIM INTERFERES WITH PLACEMENT OF NEW WINDOW SYSTEM.

## DEMOLITION KEY NOTES

NUMBER	DESCRIPTION
1	REMOVE LIGHT FIXTURE AND RESET AFTER NEW WORK IS COMPLETED.
2	REMOVE RAINWATER LEADER & RESET AFTER NEW WORK IS COMPLETED. REPLACE ANY DAMAGED KLEETS.
3	REMOVE MDO PLYWOOD, TRIM WORK AND ROTTED PORTIONS OF WOOD STUD BACKUP WALL.
4	REMOVE VENT HOOD AND RESET AFTER NEW WORK IS COMPLETED. PROVIDE NEW PVC TRIMBOARD AROUND VENT HOOD.
5	REMOVE AND REPLACE OVERHEAD DOOR.
6	REMOVE AUTOMATIC DOOR BUTTOM AT ACCESSIBLE ENTRANCE AND RESET AFTER NEW WORK IS COMPLETED.
7	REMOVE WOOD TRIM BOARDS AND HEAD/JAMB BOARDS AT OVERHEAD DOOR OPENING AND REPLACE WITH PVC BOARDS.
8	REMOVE GONG (BELL) AND RESET AFTER NEW WORK IS COMPLETED.
9	REMOVE ELECTRICAL OUTLET AND RESET AFTER NEW WORK IS COMPLETED.
10	REMOVE FUEL OIL VENT PIPE AND RESET AFTER NEW WORK IS COMPLETED.
11	REMOVE EXISTING WOOD TRIM BETWEEN TOP OF WINDOW AND BOTTOM OF SOFFIT AND REPLACE WITH PVC BOARD.
12	REMOVE UNIT VENTILATOR GRILLES, SCRAPE, PAINT AND RESET IN BEAD OF SEALANT AT PERIMETER OF THE GRILLS.
13	REMOVE PANELIZED WOOD TRIM BOARDS AND PANELS, AND REPLACE WITH NEW TRIM BOARDS AND PANELS. PANEL SIZES TO MATCH EXISTING.
14	REMOVE DEVICE AND RESET AFTER NEW WORK IS COMPLETED.
15	REMOVE EXISTING LOUVER AND INFILL OPENING WITH SIDING, AIR/VAPOR BARRIER AND 5/8" EXTERIOR SHEATHING. PROVIDE INSULATION IN THE STUD CAVITY.
16	REMOVE WOOD HEADER ABOVE DOOR/BELOW TRANSOM FOR INSTALLATION OF NEW STOREFRONT FRAME.
17	REMOVE WOOD HEADER ABOVE DOOR/BELOW TRANSOM AND WOOD POST BETWEEN DOOR AND SIDE LITE AT BOTH SIDES OF DOOR FOR INSTALLATION OF NEW STOREFRONT FRAME.
18	RELOCATE CABLE RUNNING EXPOSED ON SIDE OF BUILDING TO INTERIOR.
19	SCRAPE, PATCH & REPAIR STUCCO. PRIME AND PAINT.
20	REMOVE ELECTRICAL CONDUCT AND JUNCTION BOX AND RESET AFTER NEW WORK IS COMPLETED.
21	REMOVE LOUD SPEAKER AND RESET AFTER NEW WORK IS COMPLETED.
22	REMOVE ELECTRICAL JUNCTION BOX AND WIRING.
23	REMOVE WATER SPIGOTS AND RESET AFTER WORK IS COMPLETED.
24	REMOVE DRYER VENT AT WINDOW PANE.
25	REMOVE ONE SECTION OF FENCE TO INSTALL SIDING AND RESET AFTER WORK IS COMPLETED.
26	CALL BUTTON TO BE RELOCATED TO NEW DOOR FRAMING SYSTEM.
27	REMOVE PROPERTY ADDRESS NUMBERS AND HALIFAX ELEMENTARY SCHOOL LETTER SIGNAGE AND RESET IN SAME LOCATION AFTER SIDING WORK IS COMPLETED.
28	REMOVE EXISTING HVAC CONDENSING UNIT, SUPPORT BRACKETS, ELECTRICAL DISCONNECT SWITCH AND PIPING AND RESET IN SAME LOCATION AFTER SIDING WORK IS COMPLETED.
29	REMOVE PAINT, PATCH & REPAIR DAMAGED WOOD, PRIME AND PAINT.
30	REMOVE DOOR AND HARDWARE - FRAME TO REMAIN.
31	REMOVE EXISTING VINYL SIDING, INSULATION, OLD WOOD SIDING AND TAR PAPER DOWN TO WOOD SHEATHING.
32	REMOVE EXISTING PLYWOOD PANELS & STOPS & TRIMBOARDS.
33	REMOVE DOORS, FRAMES, WINDOWS, CERAMIC TILE, DRYWALL & WOOD CASING.

## KEY PLAN



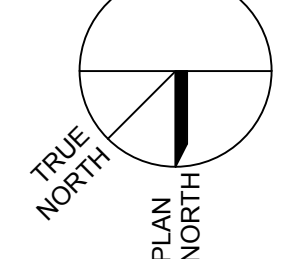
HABEEB & ASSOCIATES  
ARCHITECTS

H&A  
150 LOUWATER DR.  
NORWELL, MA 02061  
OFFICE: 781.871.8888  
FAX: 781.871.8888  
habeeb@h-a.com

STAMP

CONSULTANT

NORTH ARROW



KEY PLAN

MSBA ACCELERATED REPAIR PROGRAM  
WINDOWS, DOORS & SIDING REPLACEMENT  
HALIFAX ELEMENTARY SCHOOL  
464 PLYMOUTH STREET HALIFAX, MA 02338

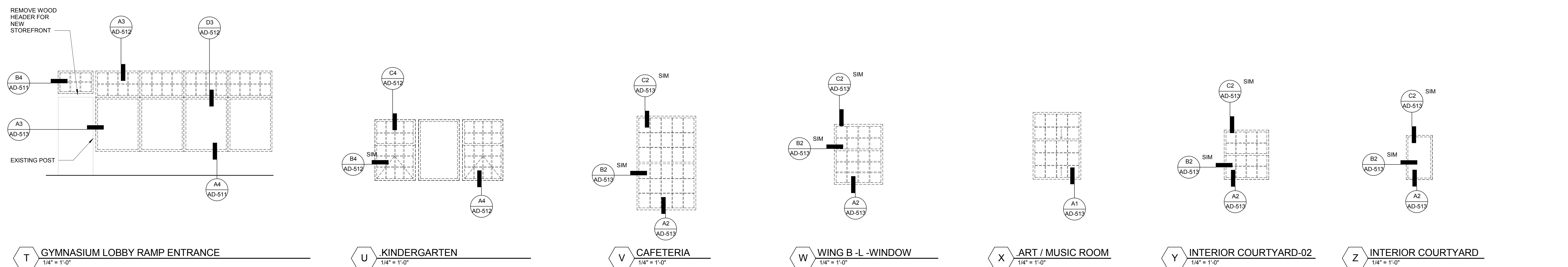
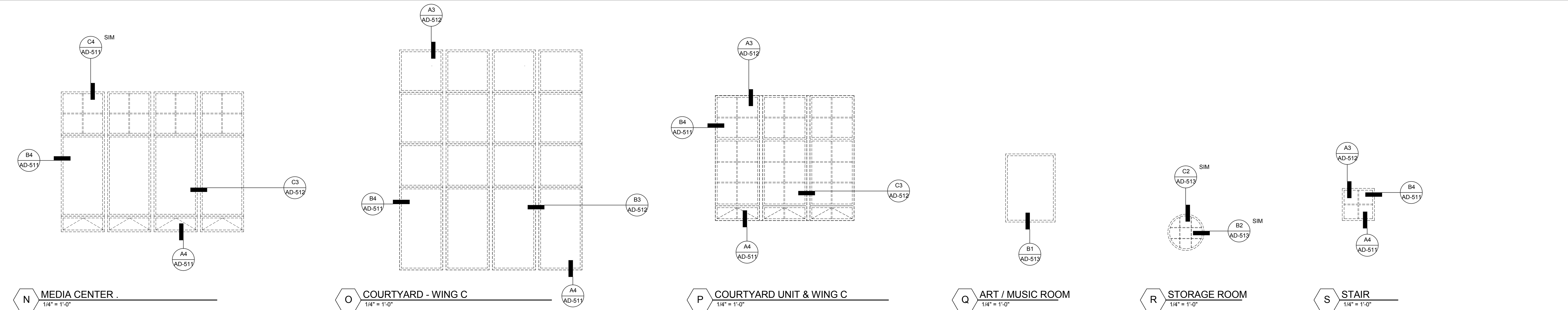
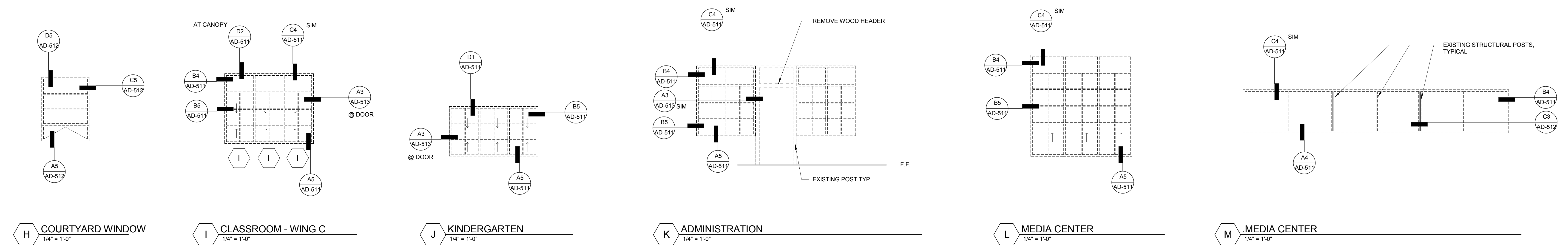
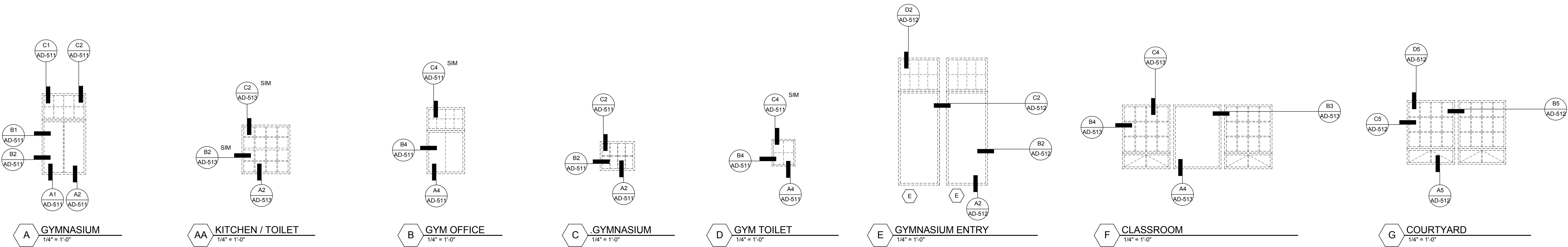
REVISION	DATE	REVISIONS
MARK	12/13/17	CONSULTANT DOCUMENTS

PROJECT NO: 1614.03  
DATE: 12/13/17  
SCALE: As indicated  
DRAWN BY: jas  
CHECKED BY: JD

EXTERIOR  
ELEVATIONS -  
DEMOLITION

AD-204

10/26/2018 11:13:42 AM

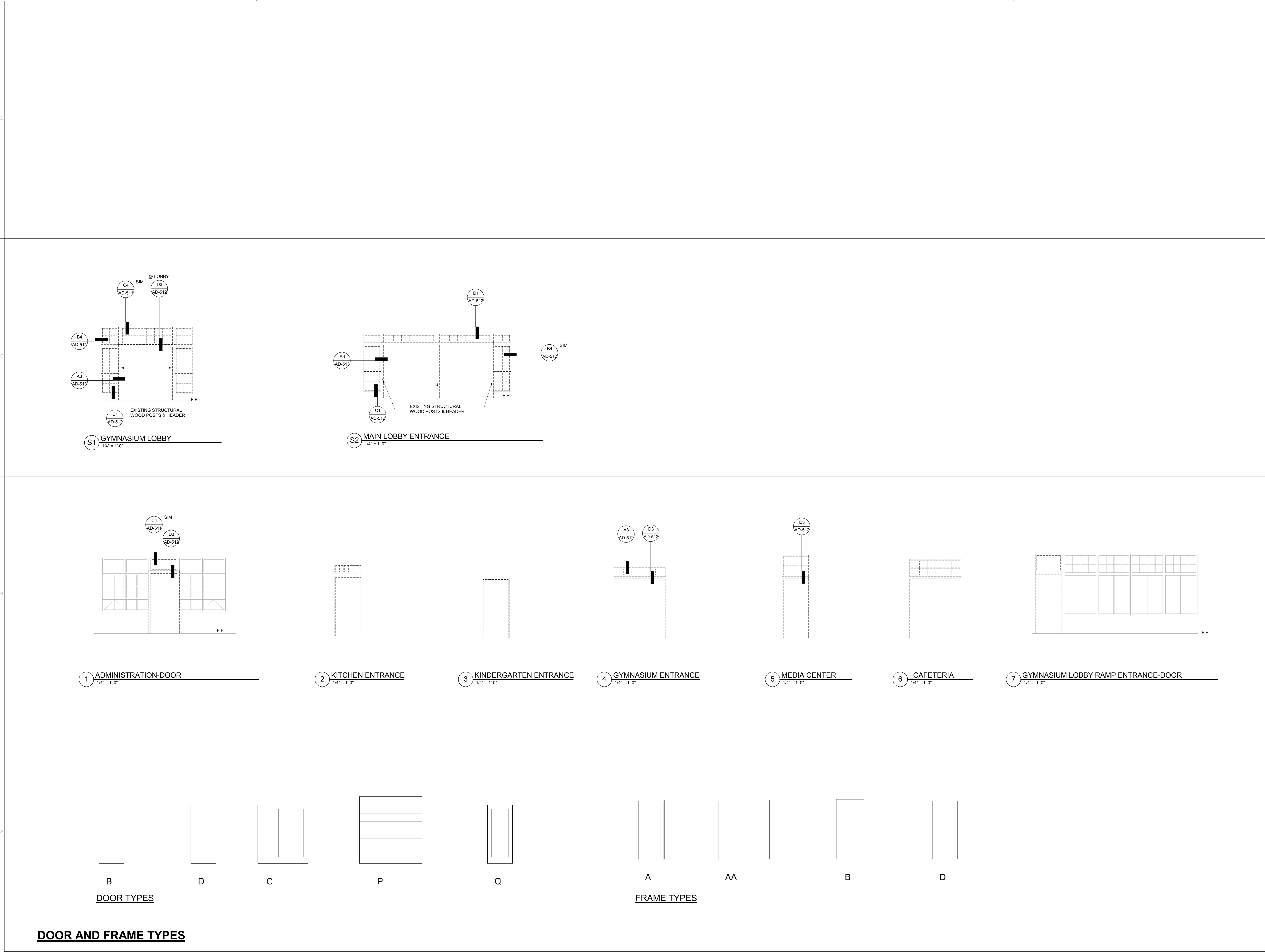


REVISION	DATE	REVISIONS
MARK	12/13/17	CONSTITUTIONAL DOCUMENTS

PROJECT NO: 1614.03  
DATE: 12/13/17  
SCALE: 1/4" = 1'-0"  
DRAWN BY: Author  
CHECKED BY: Checker

WINDOW TYPES -  
DEMOLITION

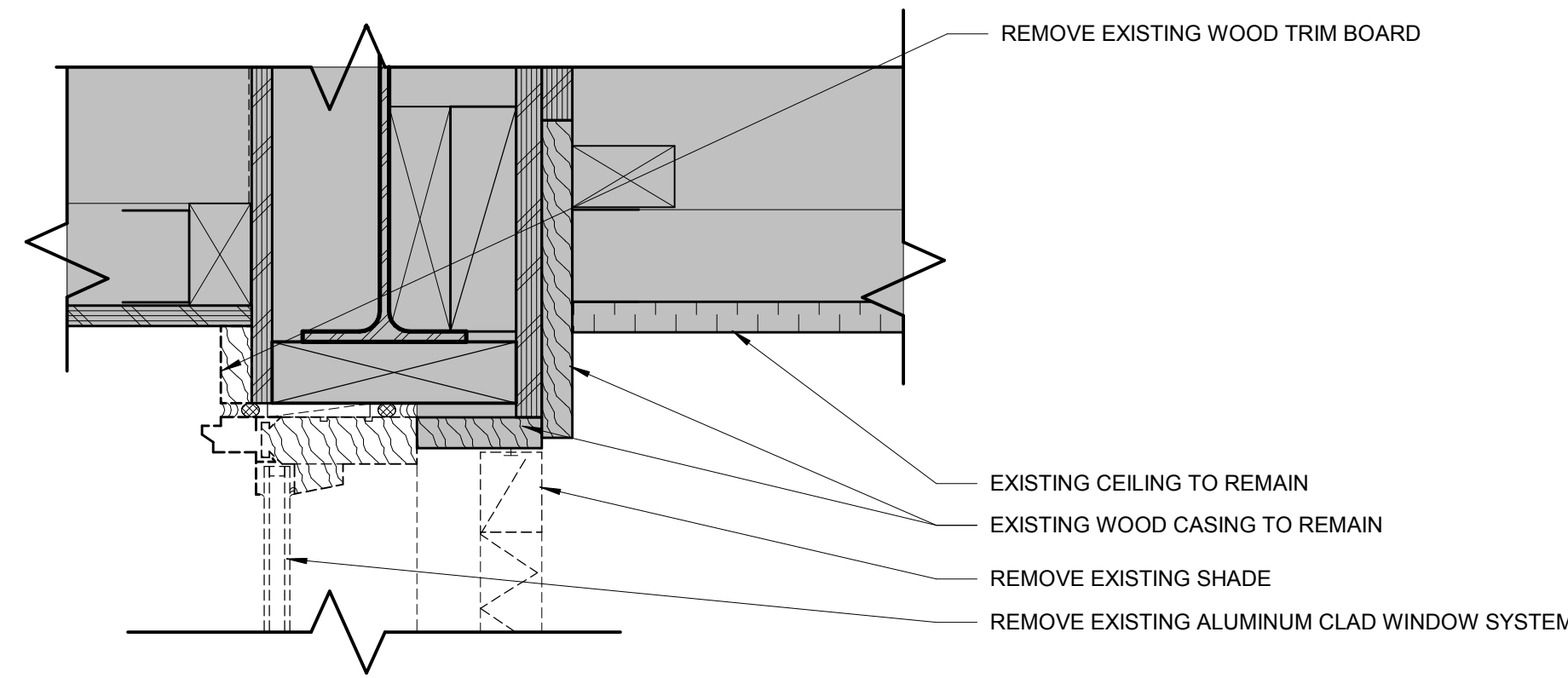




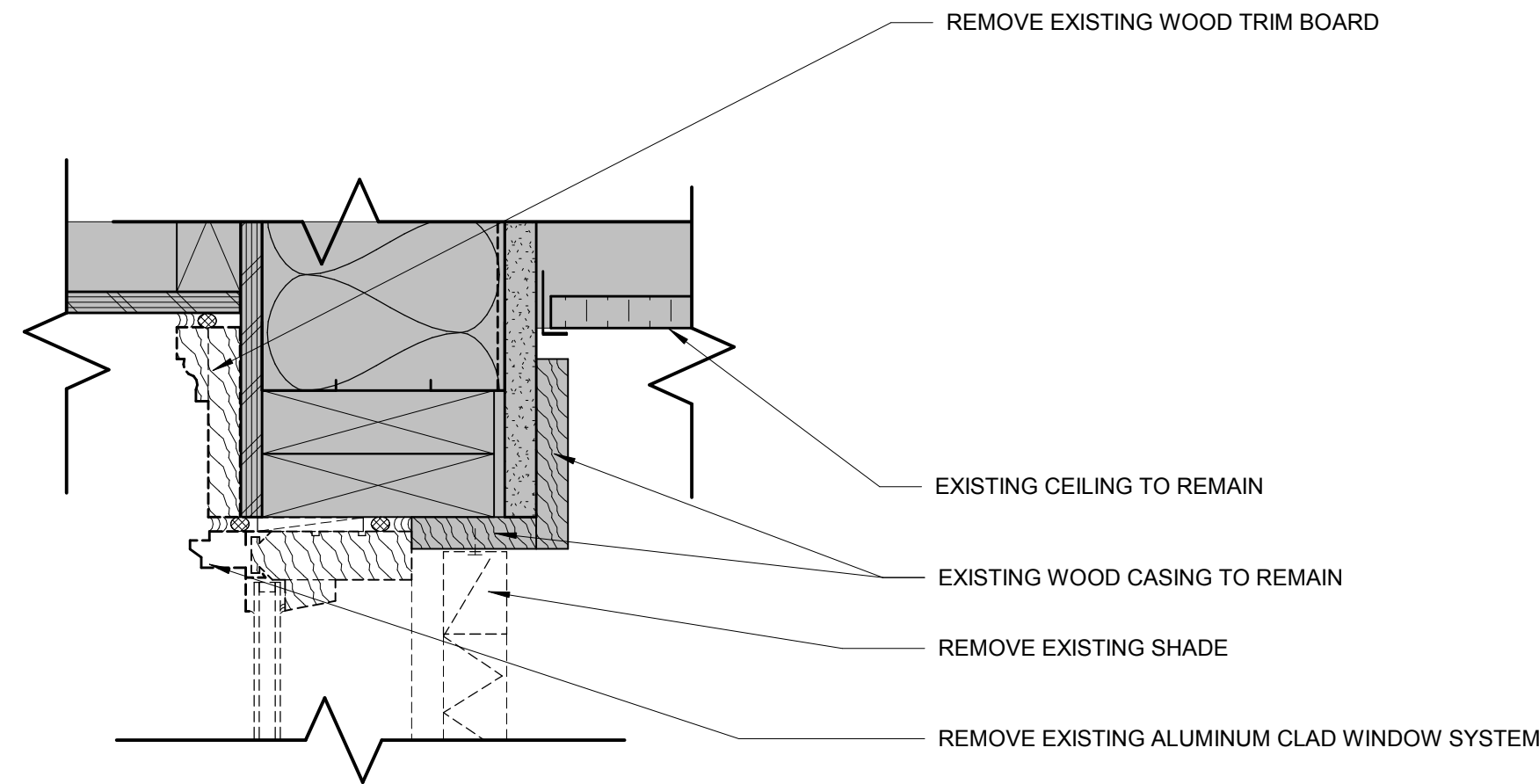
MARK	REVISION	DATE	CONSTRUCTION DOCUMENTS

PROJECT NO: 1614-03  
DATE: 12/13/17  
SCALE: 1/4" = 1'-0"  
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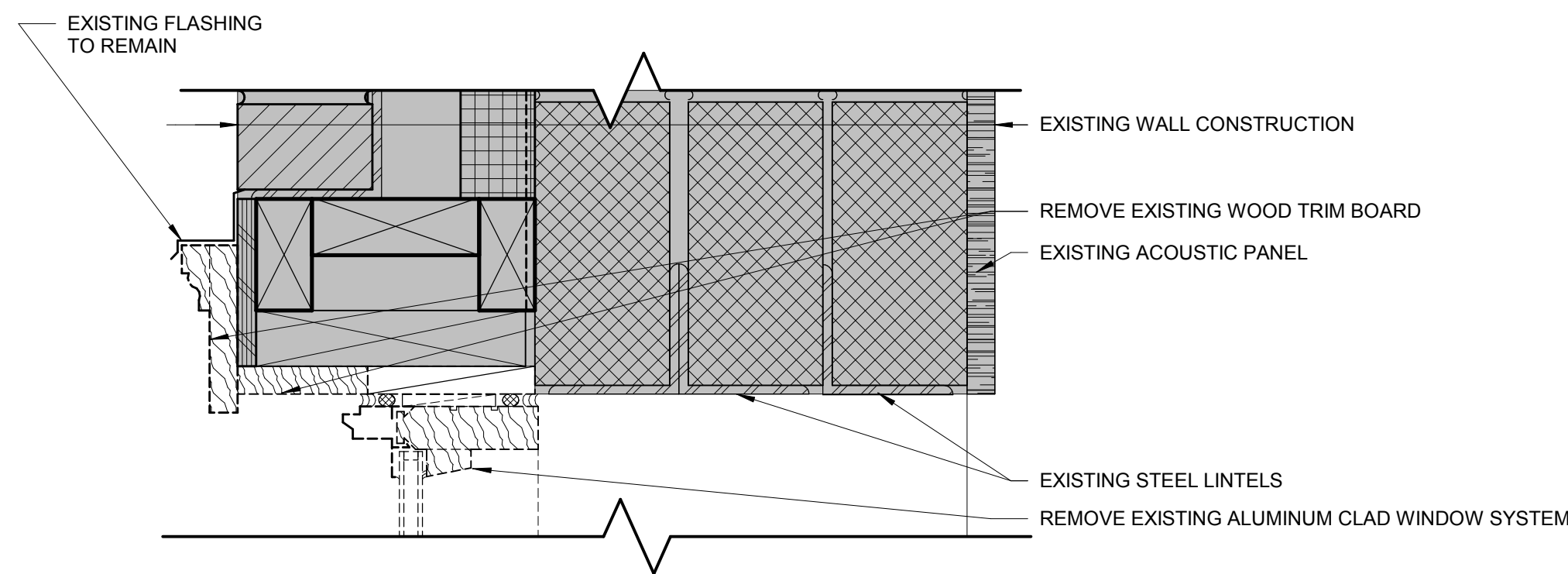
DOOR AND FRAME  
TYPES -  
DEMOLITION



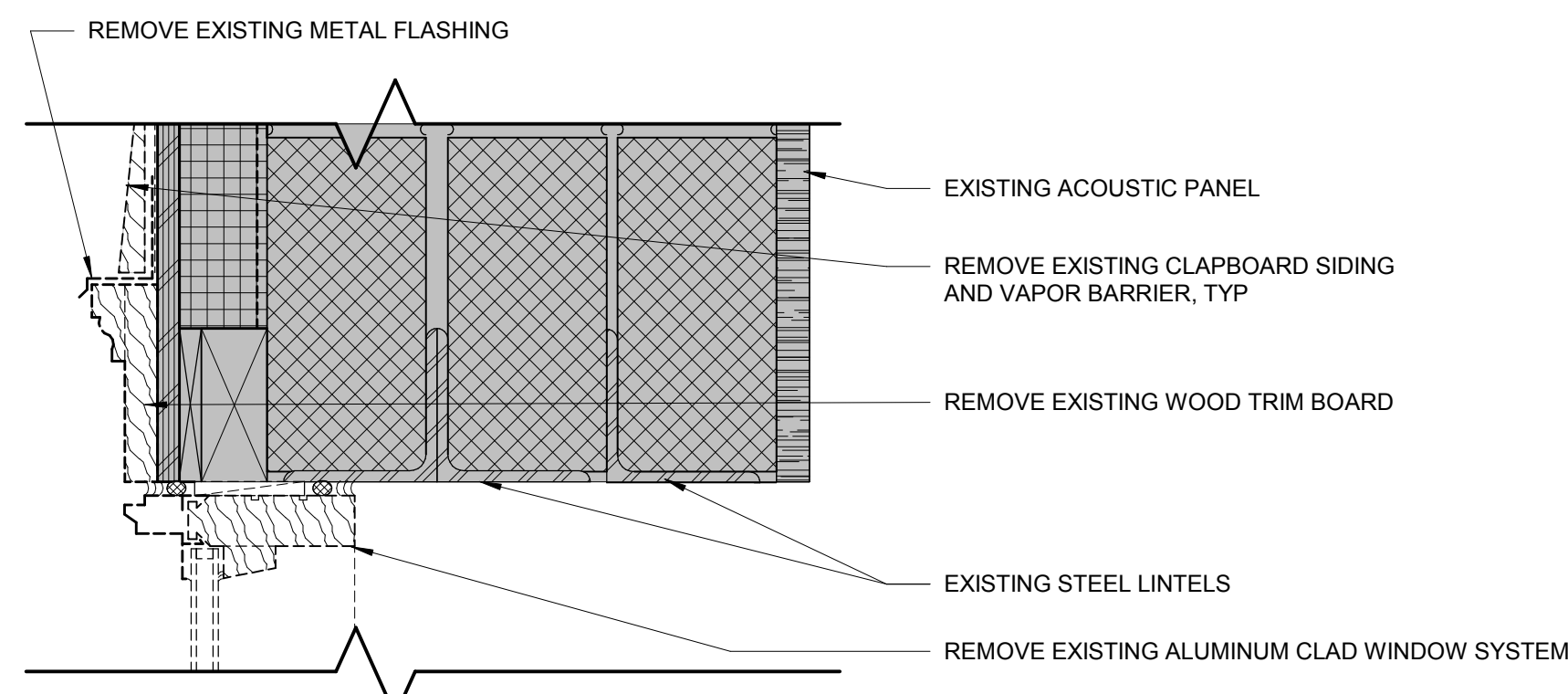
D1 WINDOW HEAD DETAIL AT KINDERGARTEN  
3" = 1'-0"



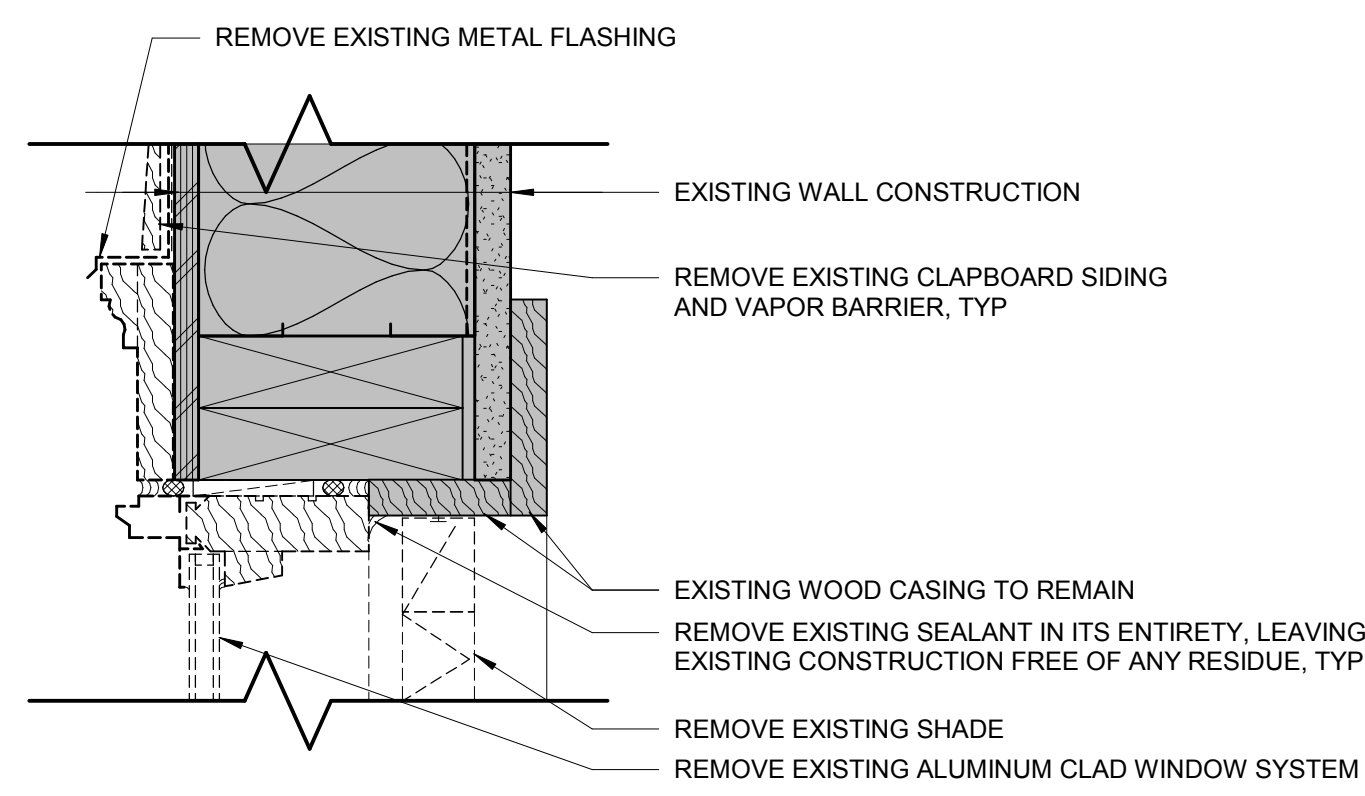
D2 WINDOW HEAD DETAIL @ WING 'C' 1ST FL. CLASS ROOM  
3" = 1'-0"



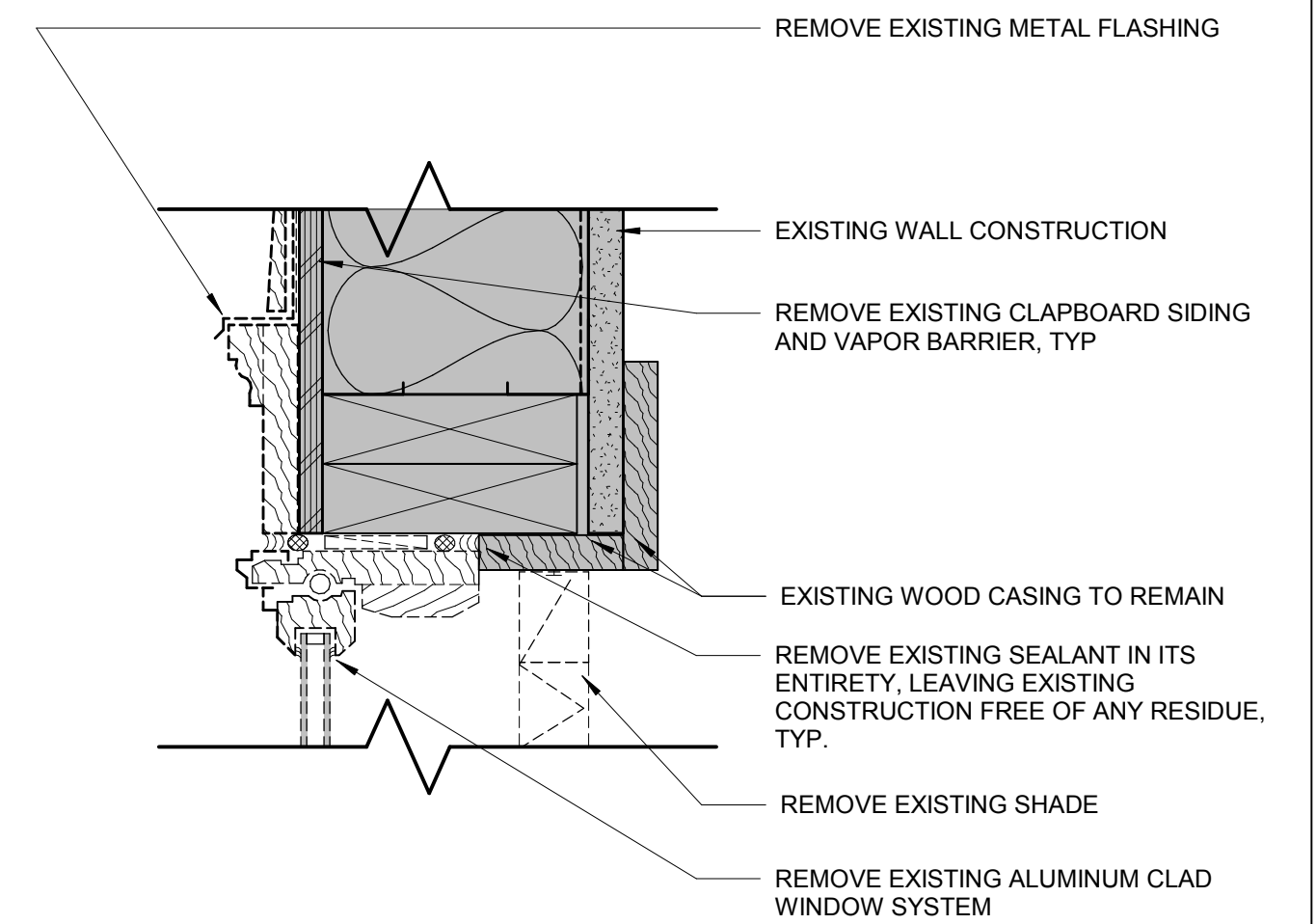
C1 WINDOW HEAD DETAIL - GYM  
3" = 1'-0"



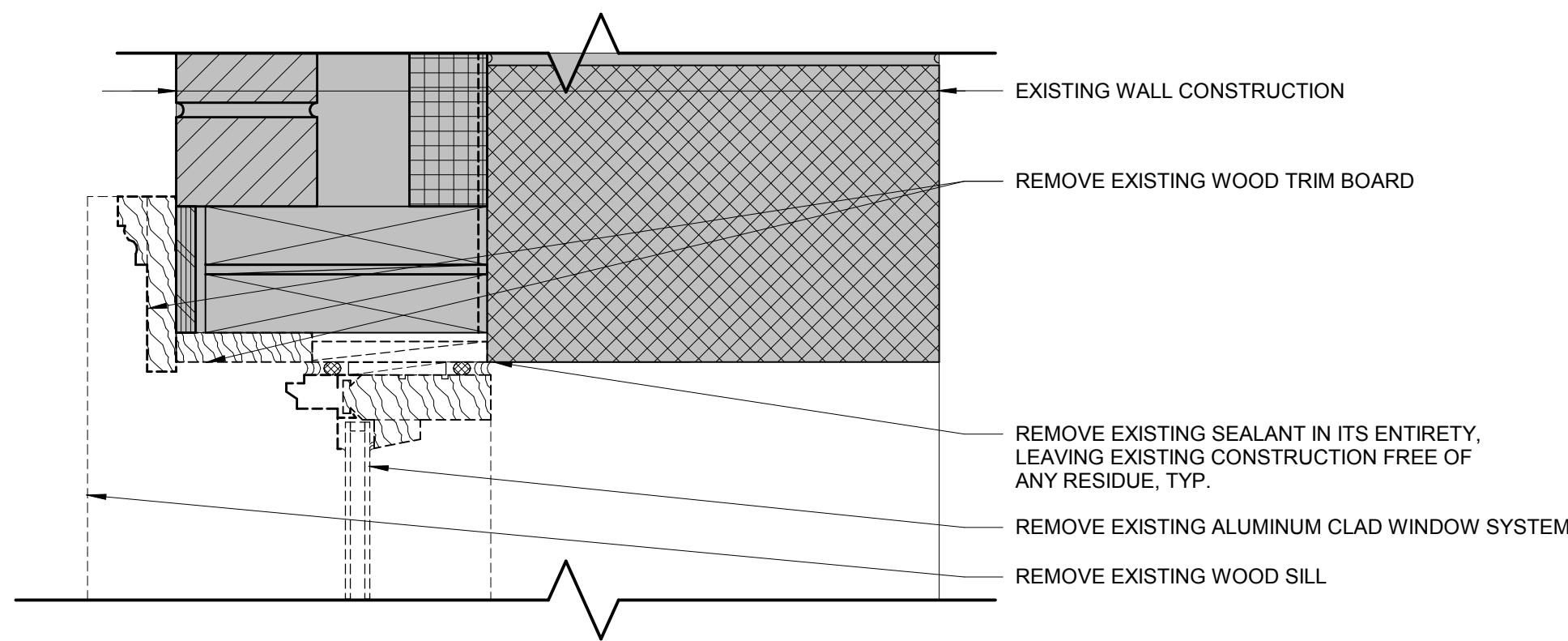
C2 WINDOW HEAD DETAIL - GYM  
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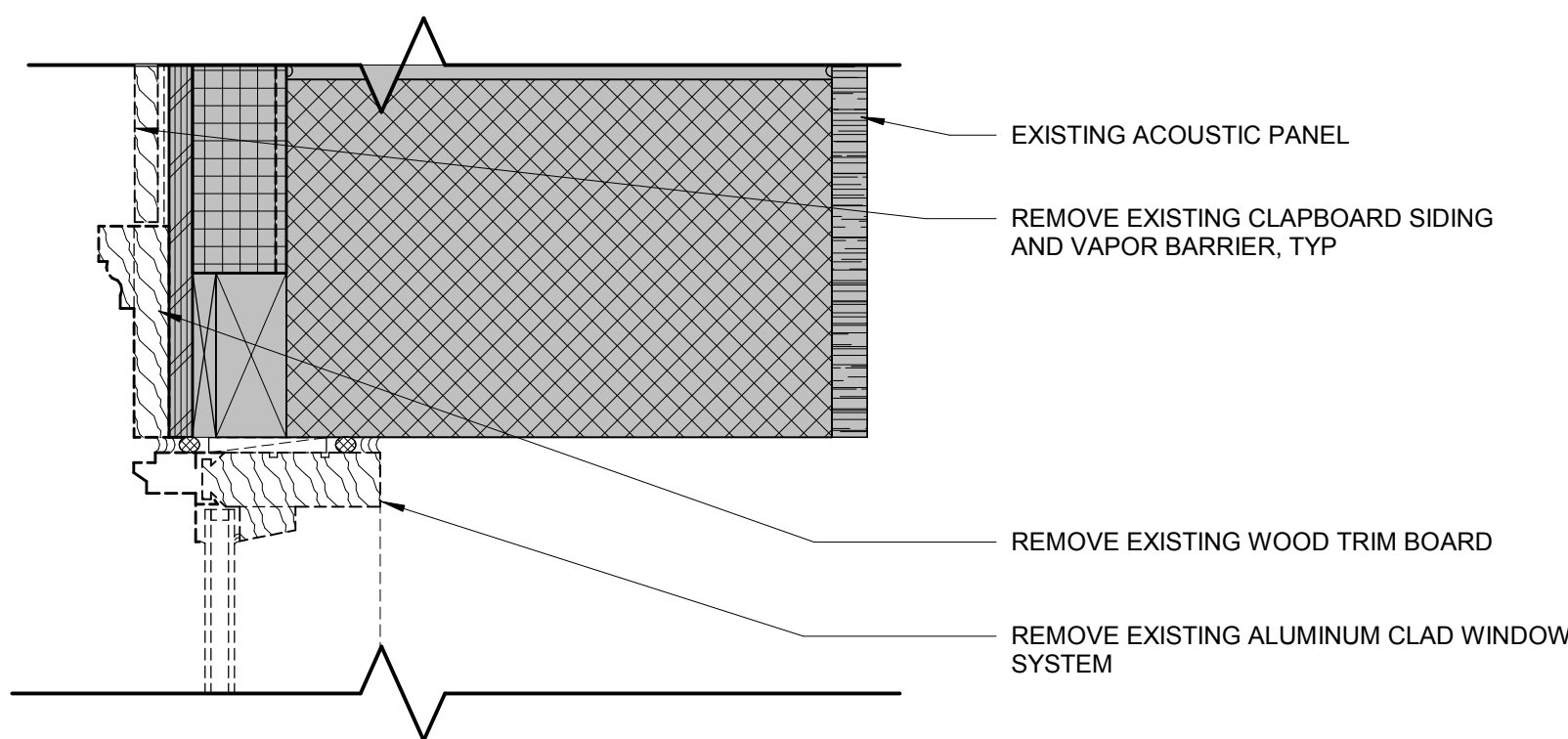
C4 WINDOW HEAD DETAIL  
3" = 1'-0"



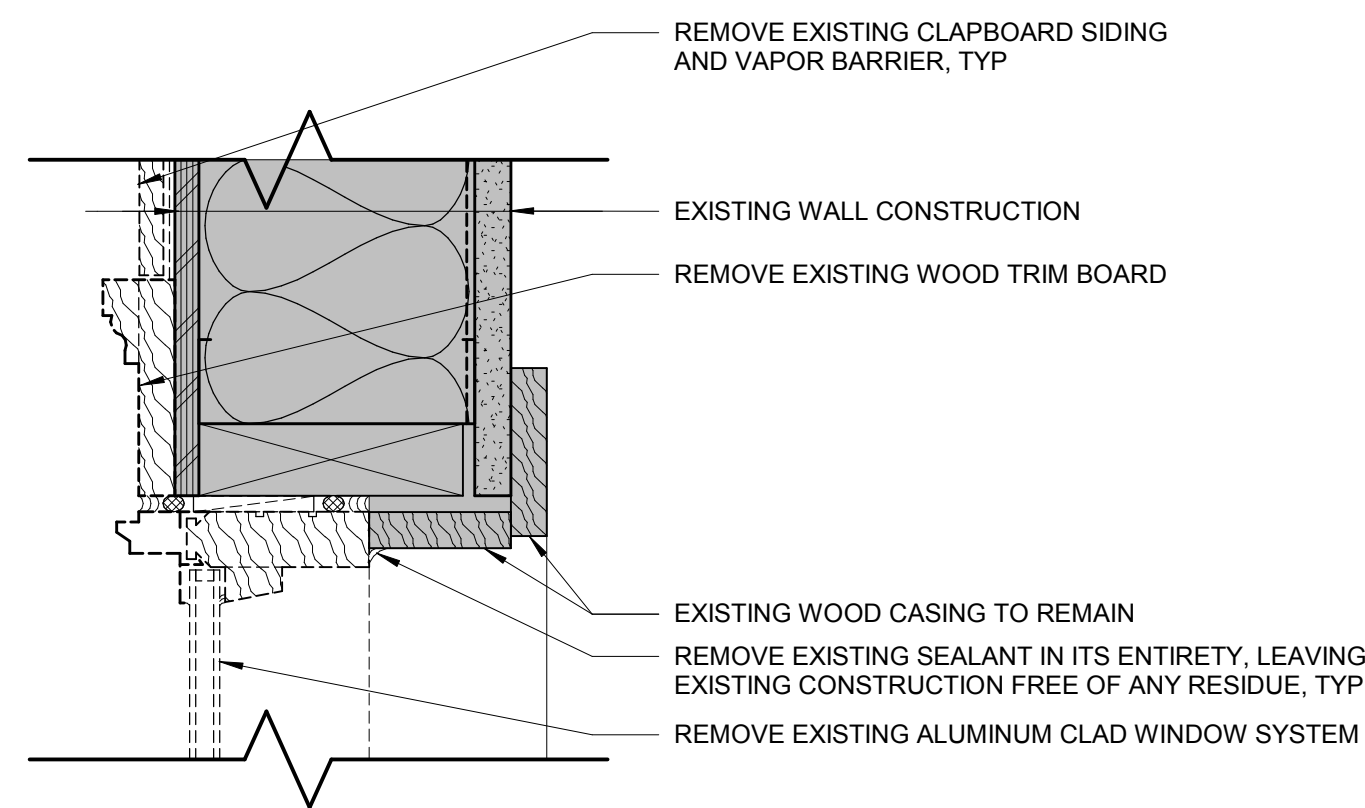
C5 WINDOW HEAD DETAIL  
3" = 1'-0"



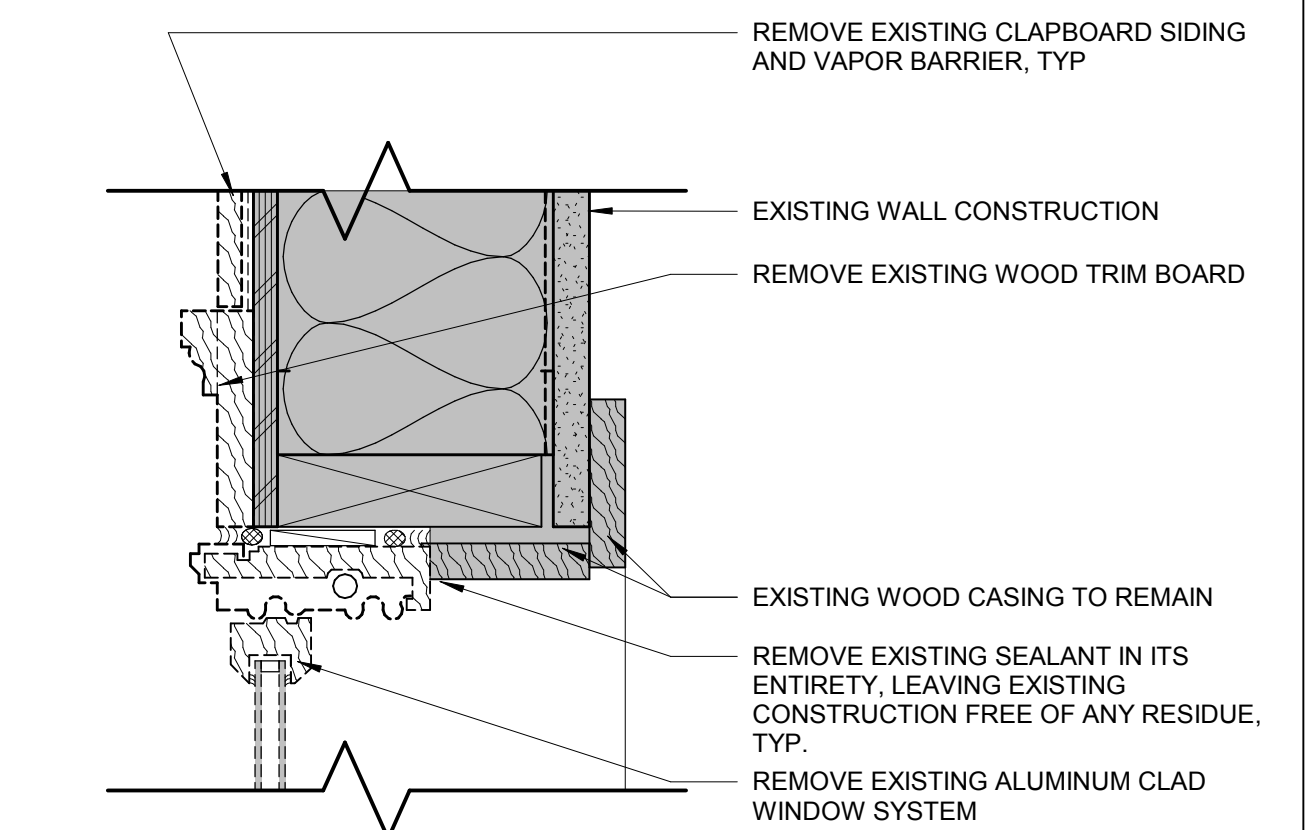
B1 WINDOW JAMB DETAIL - GYM  
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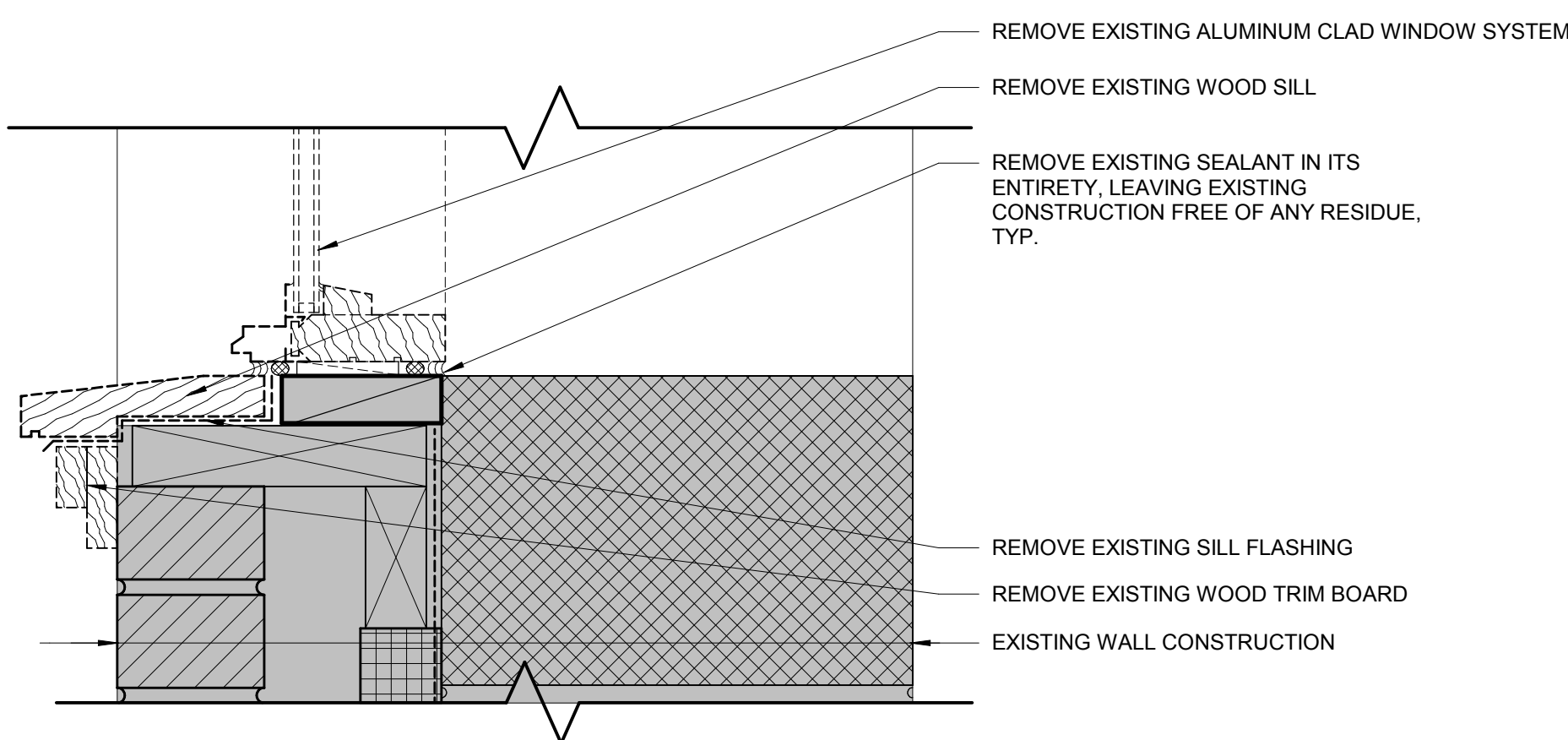
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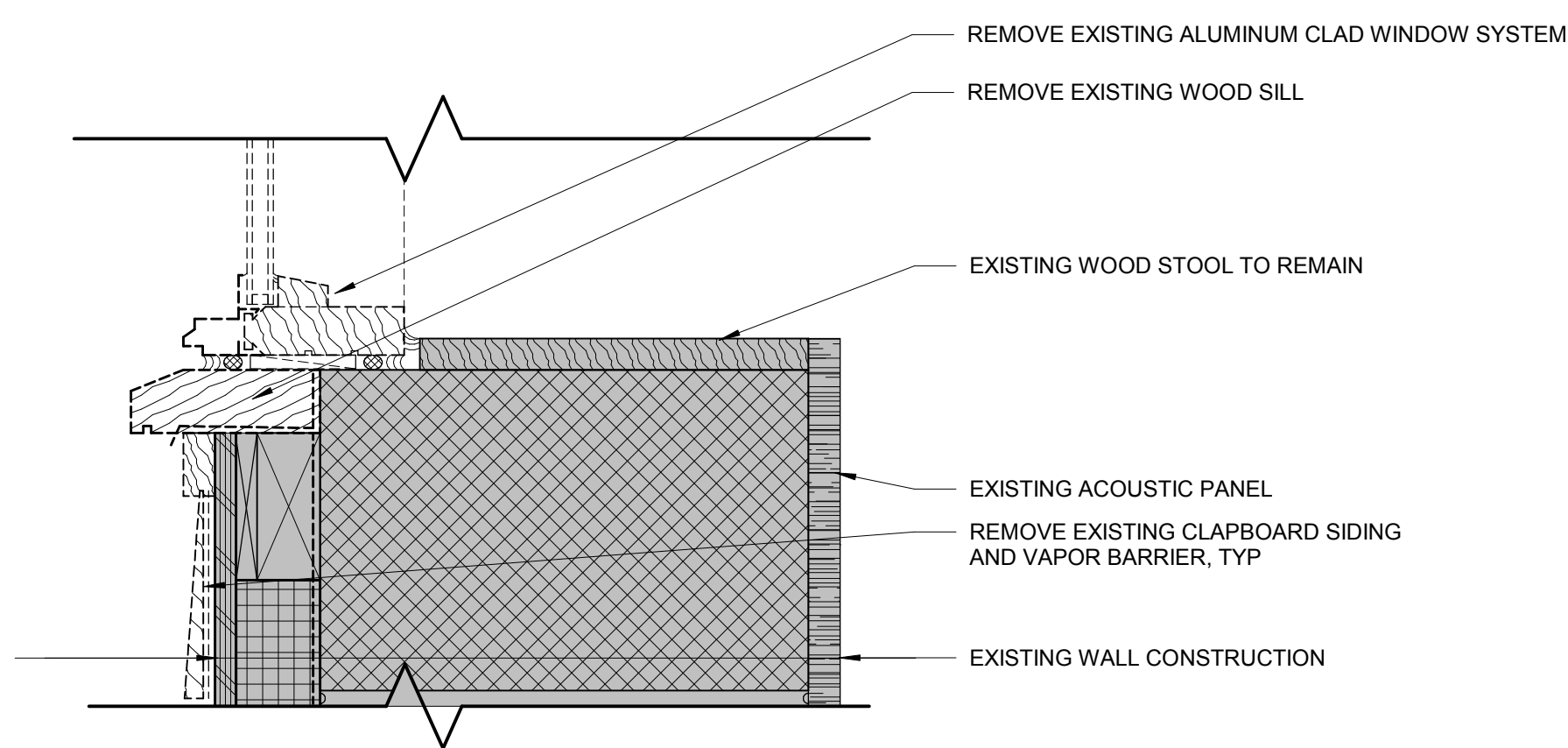
B4 WINDOW JAMB DETAIL  
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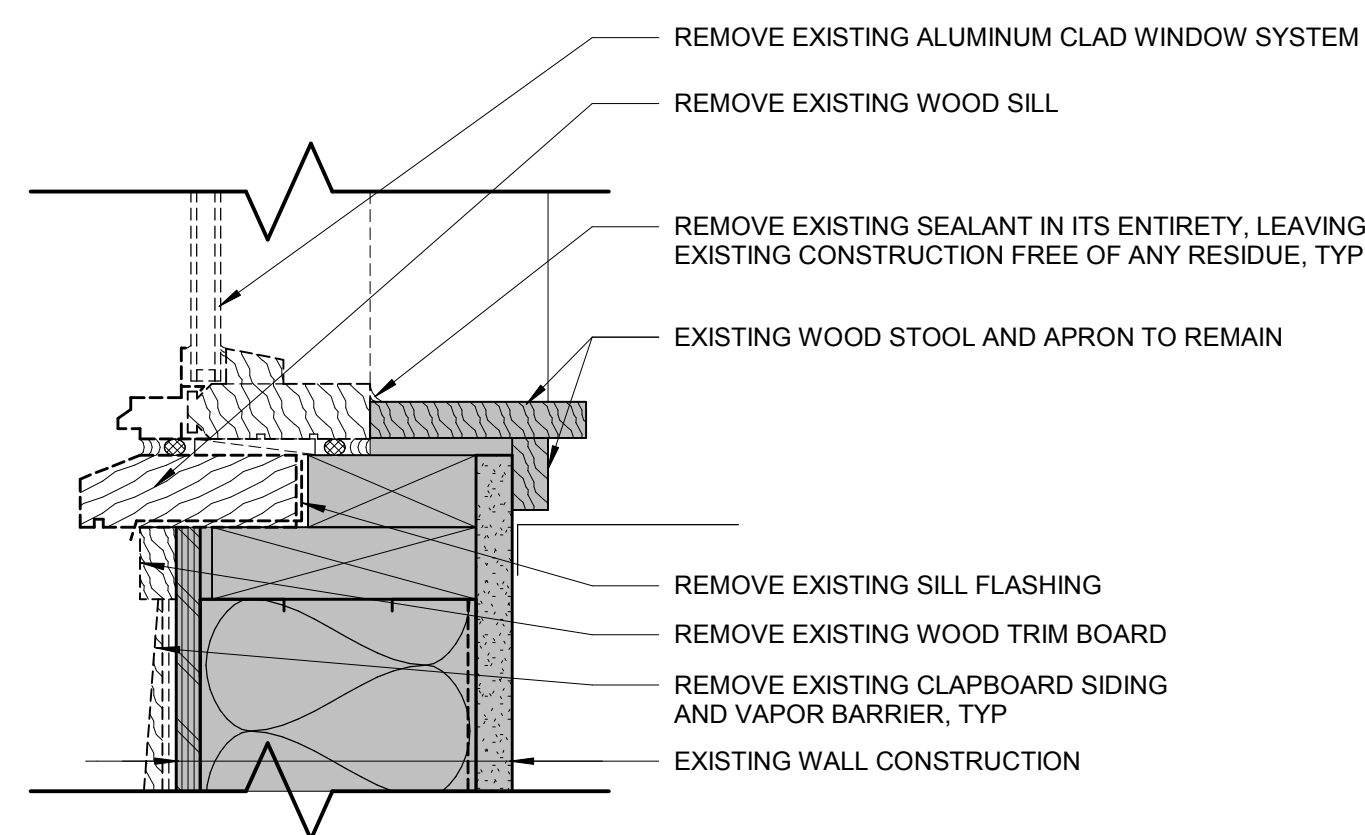
B5 WINDOW JAMB DETAIL  
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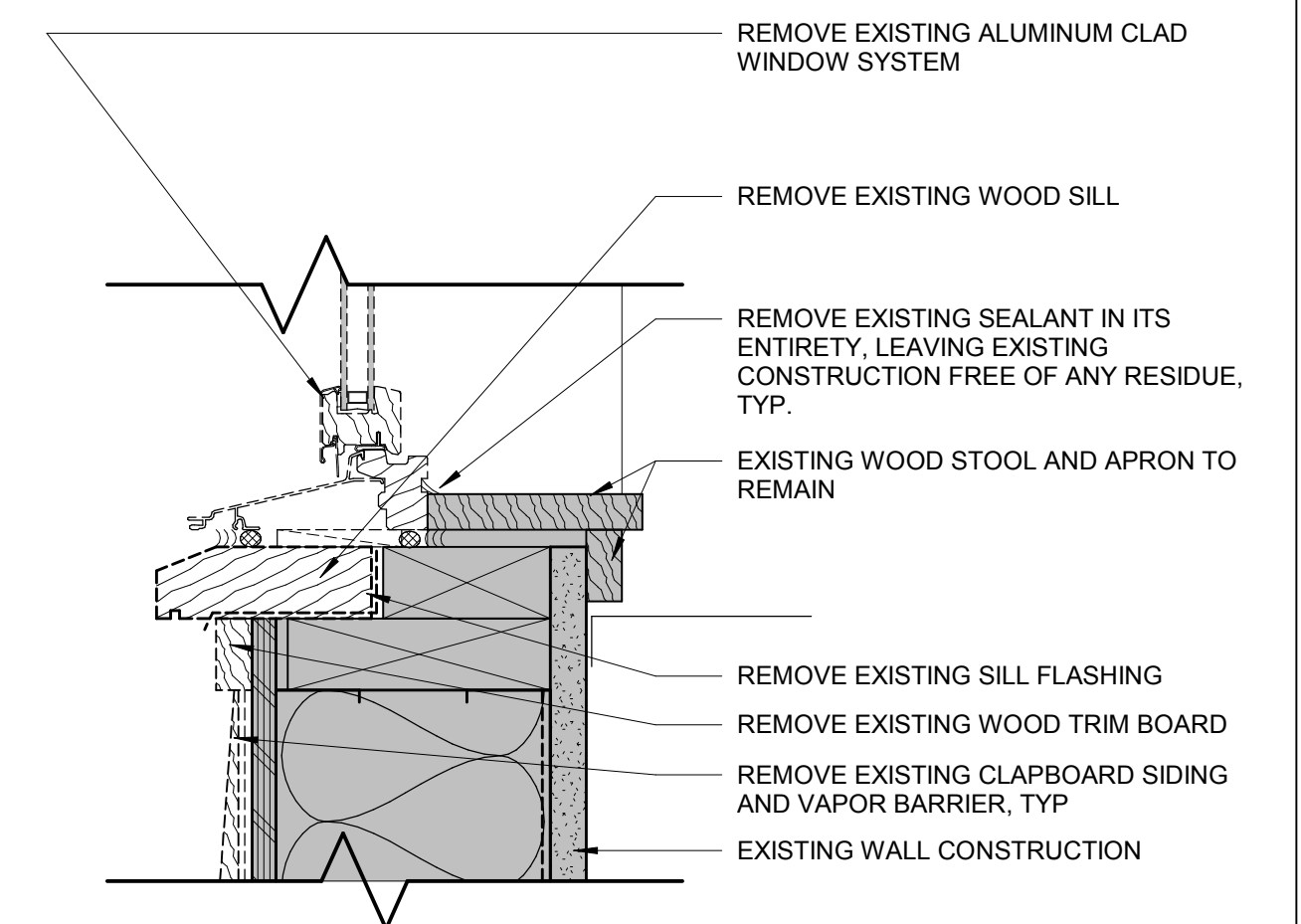
A1 WINDOW SILL DETAIL - GYM  
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A2 WINDOW SILL DETAIL - GYM  
3" = 1'-0"

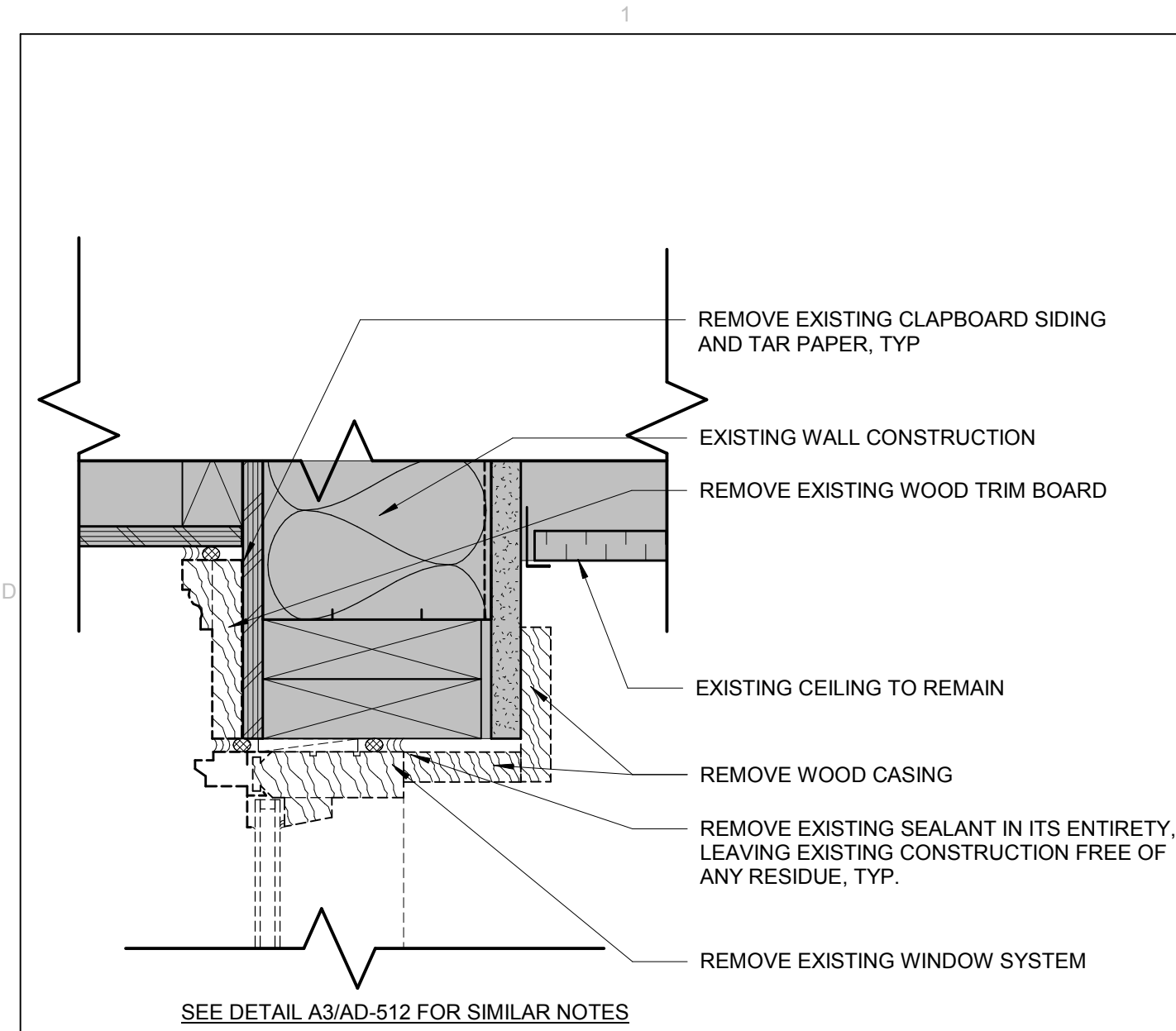


A4 WINDOW SILL DETAIL (FIXED OR AWNING)  
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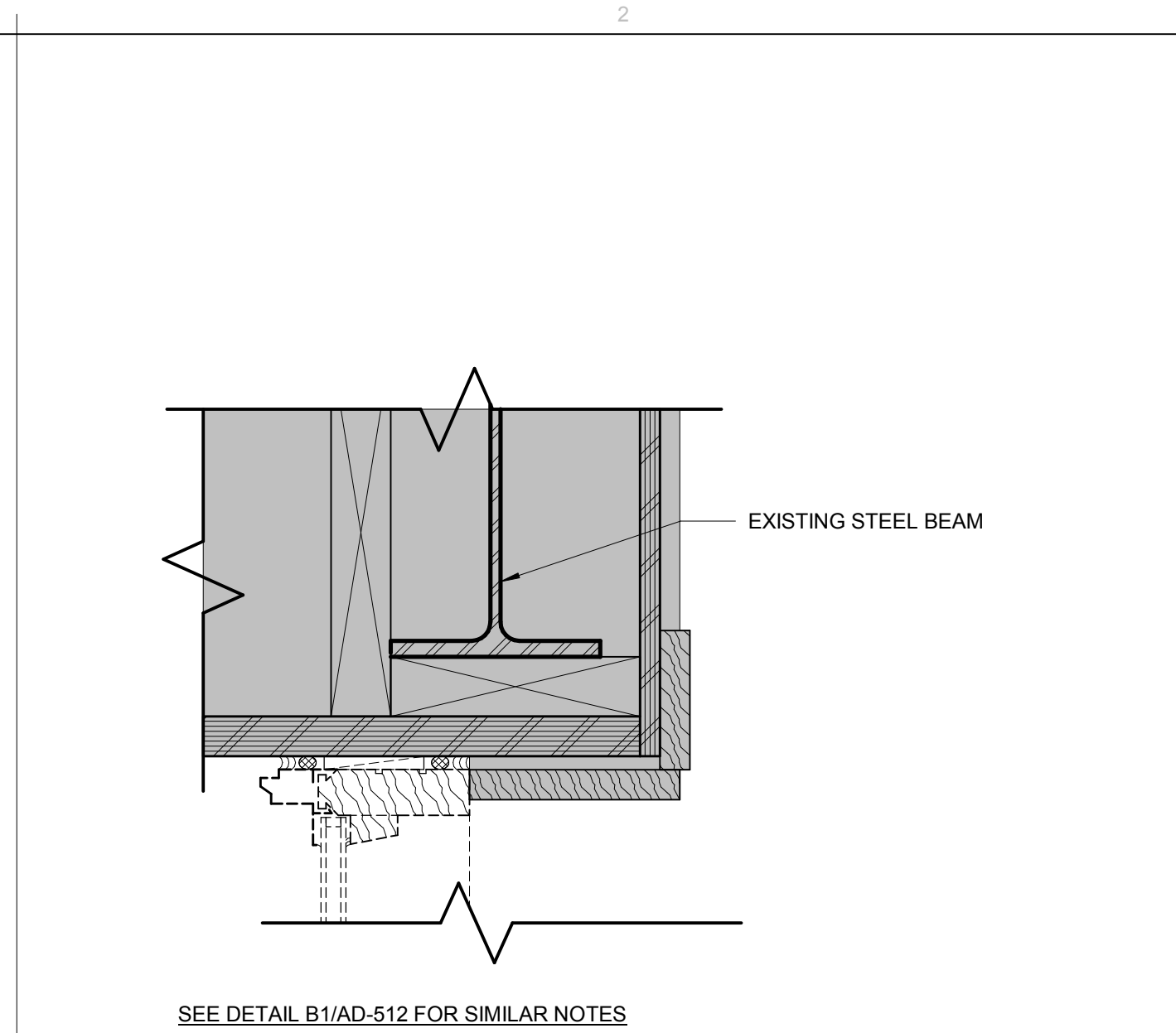


A5 WINDOW SILL DETAIL (DOUBLE HUNG)  
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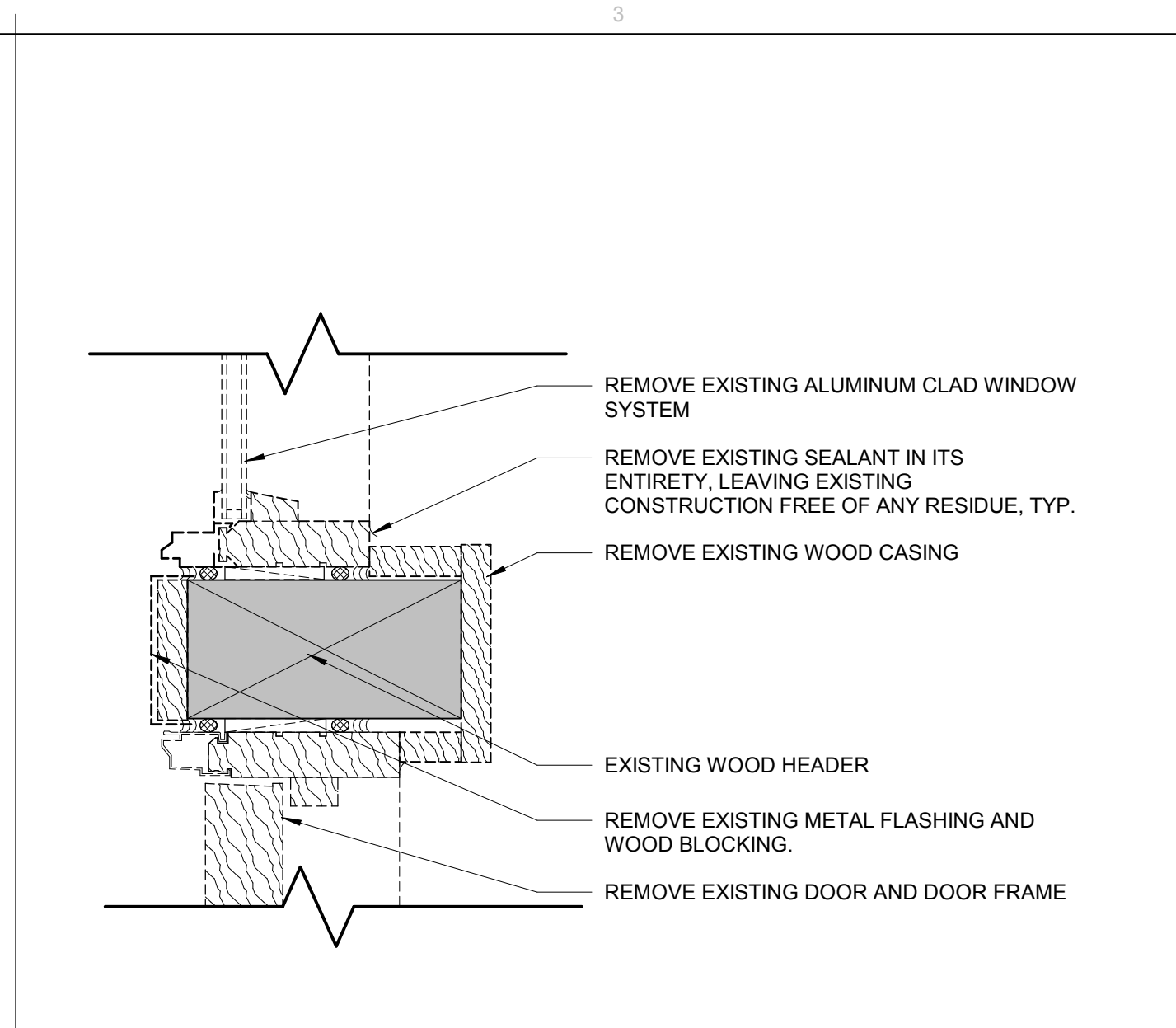




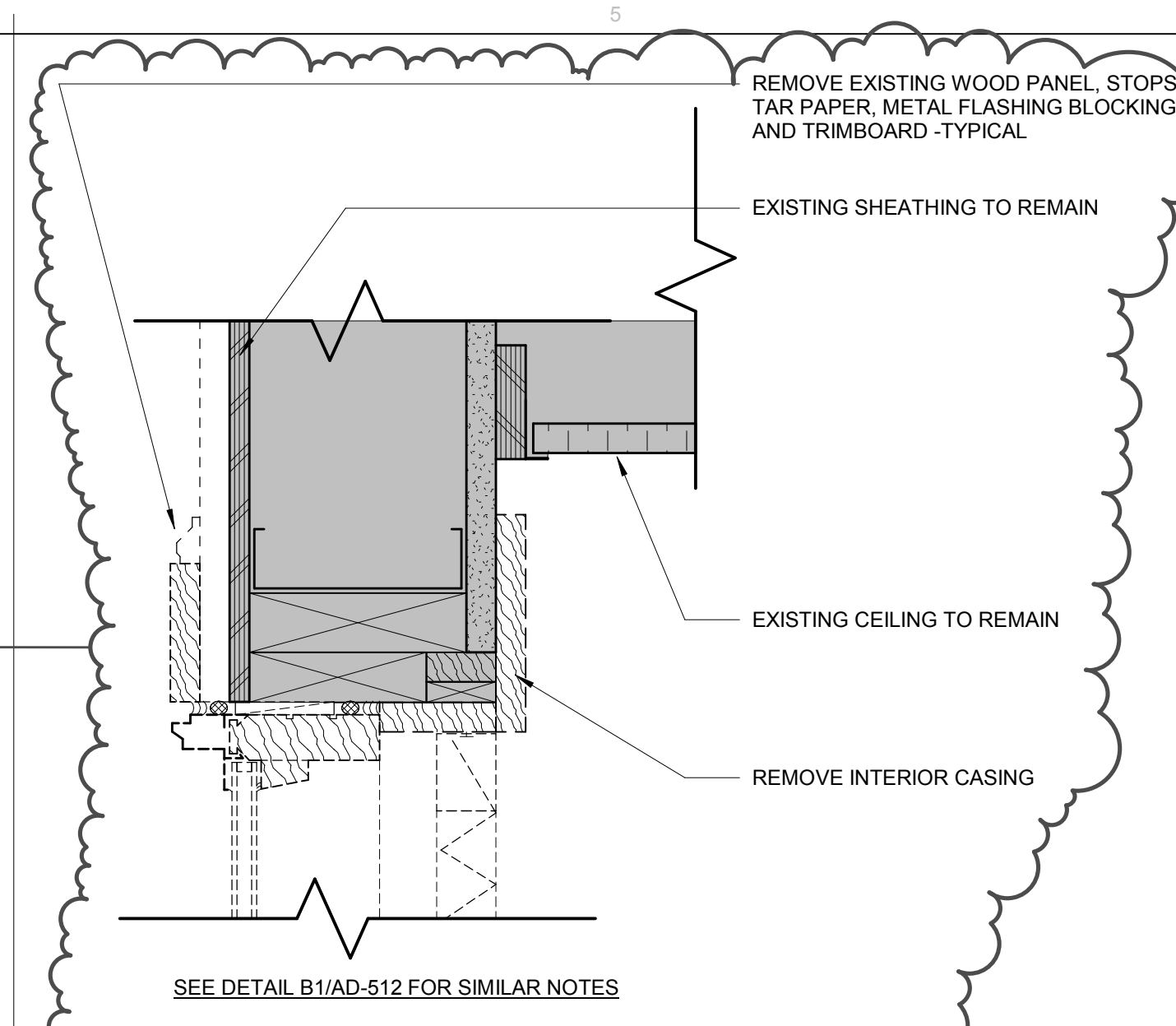
D1 WINDOW HEAD @ ENTRANCE - DEMO  
3" = 1'-0"



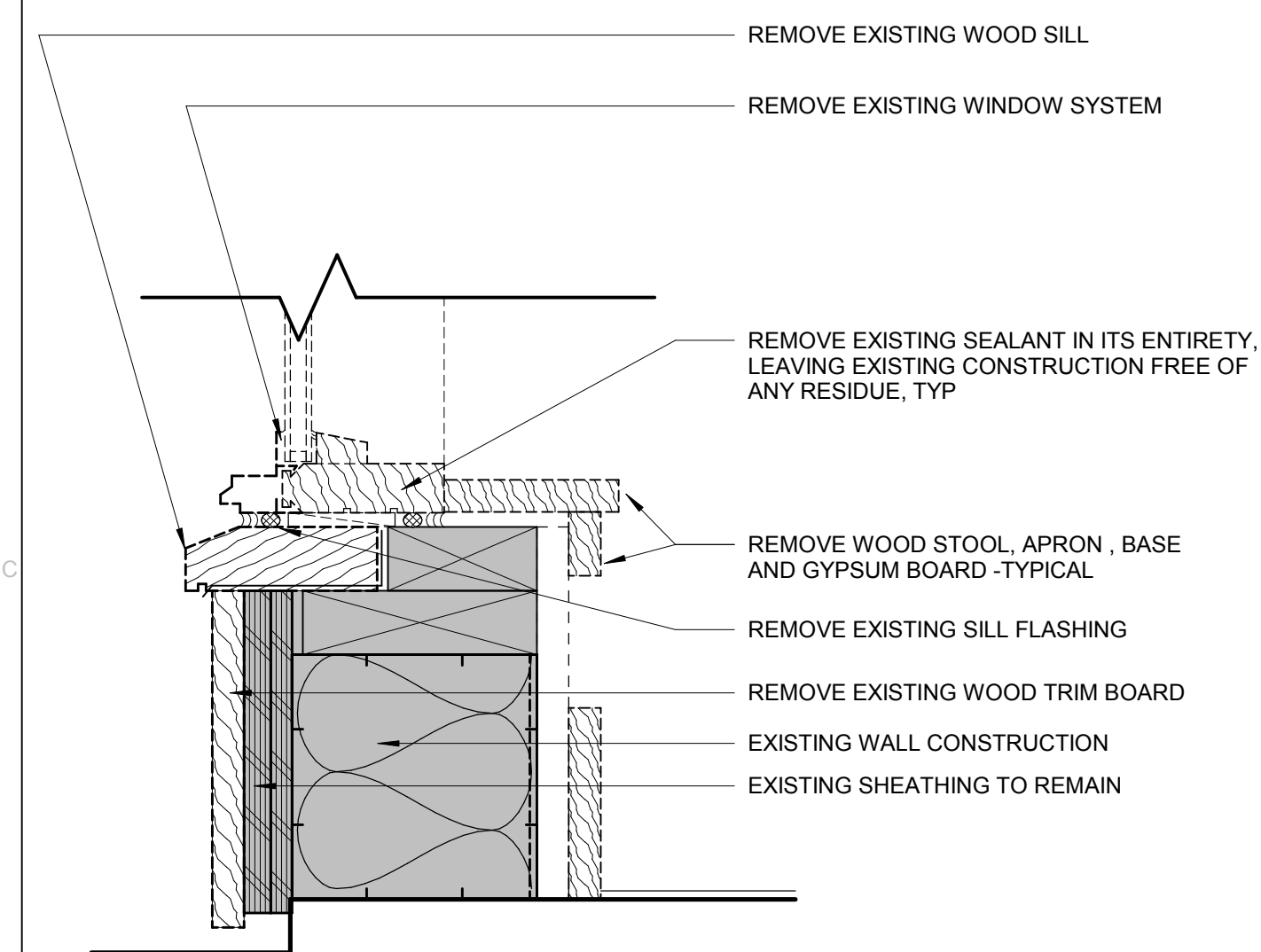
D2 WINDOW HEAD AT GYM - DEMO  
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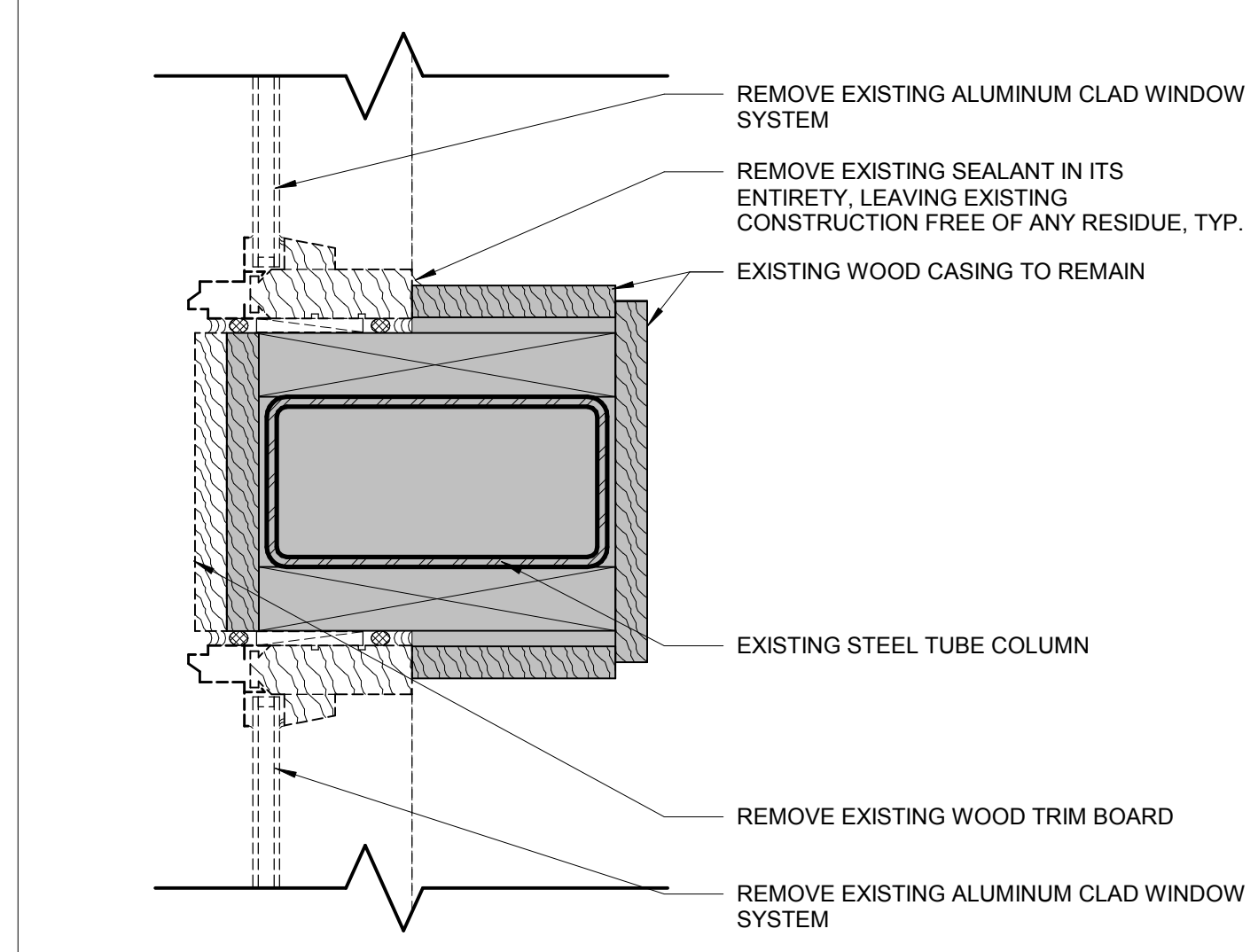
D3 TRANSOM AT ENTRANCE - DEMO  
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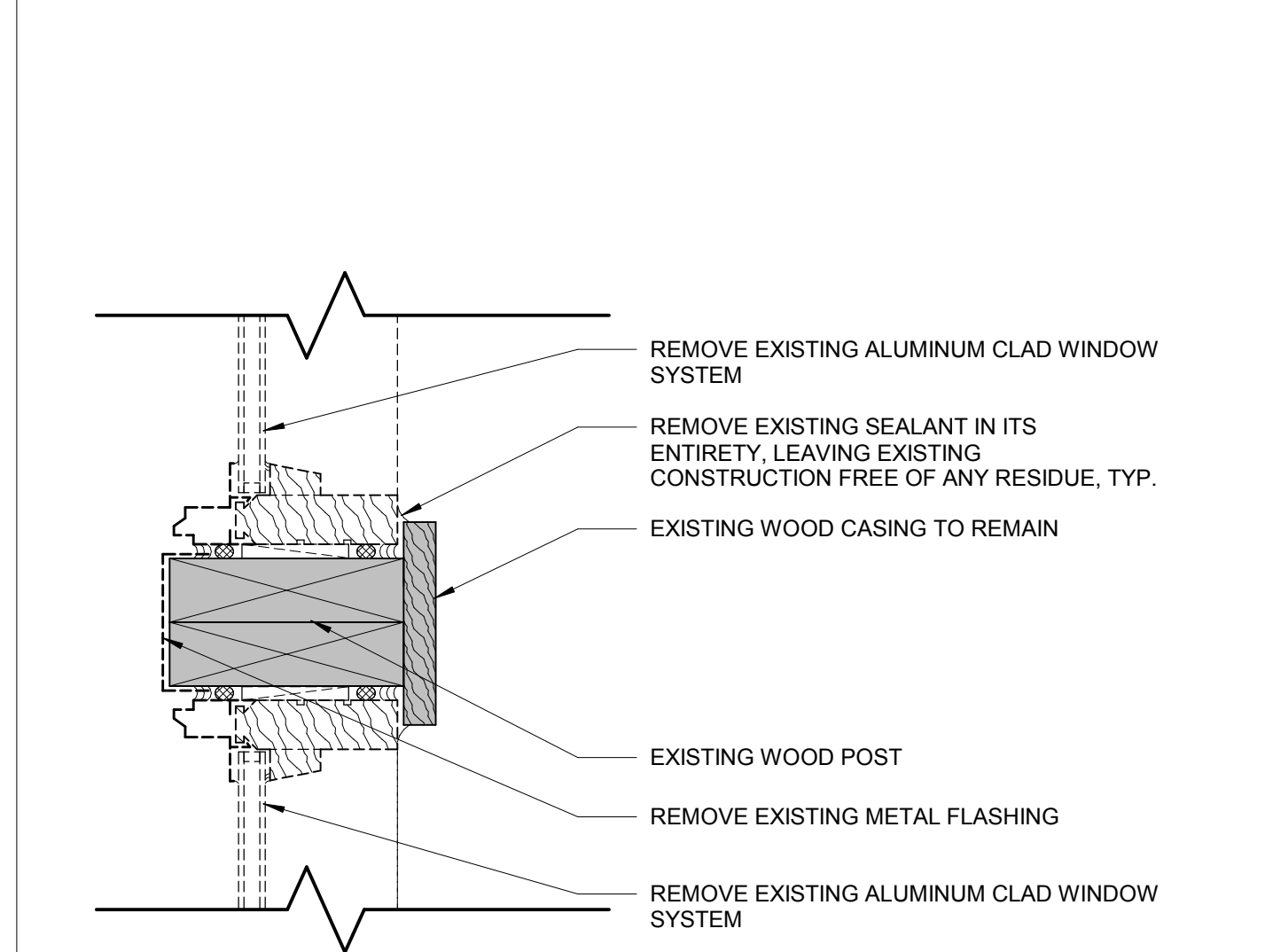
D5 WINDOW HEAD @ COURTYARD - DEMO



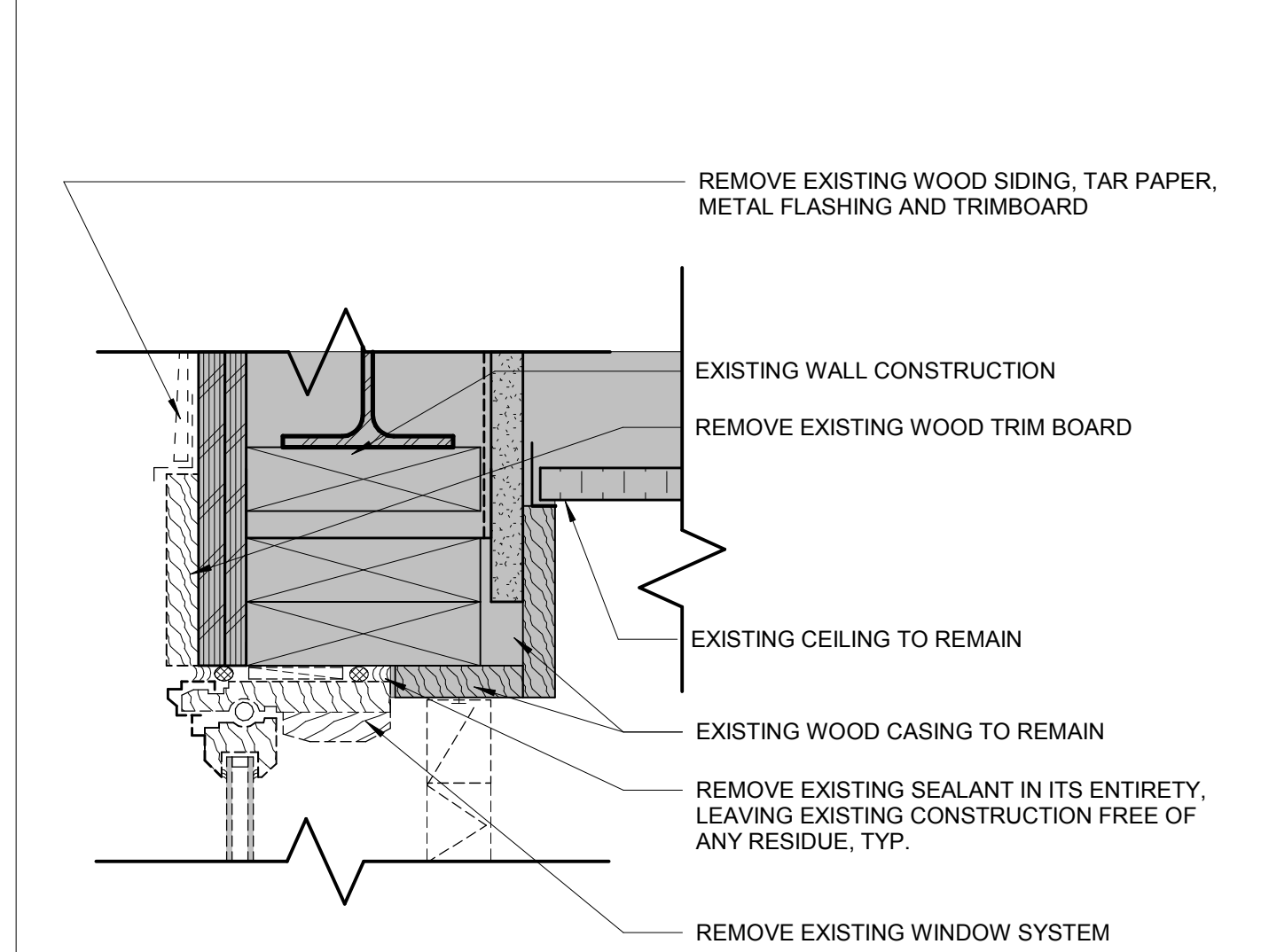
C1 WINDOW SILL @ ENTRANCE - DEMO  
3" = 1'-0"



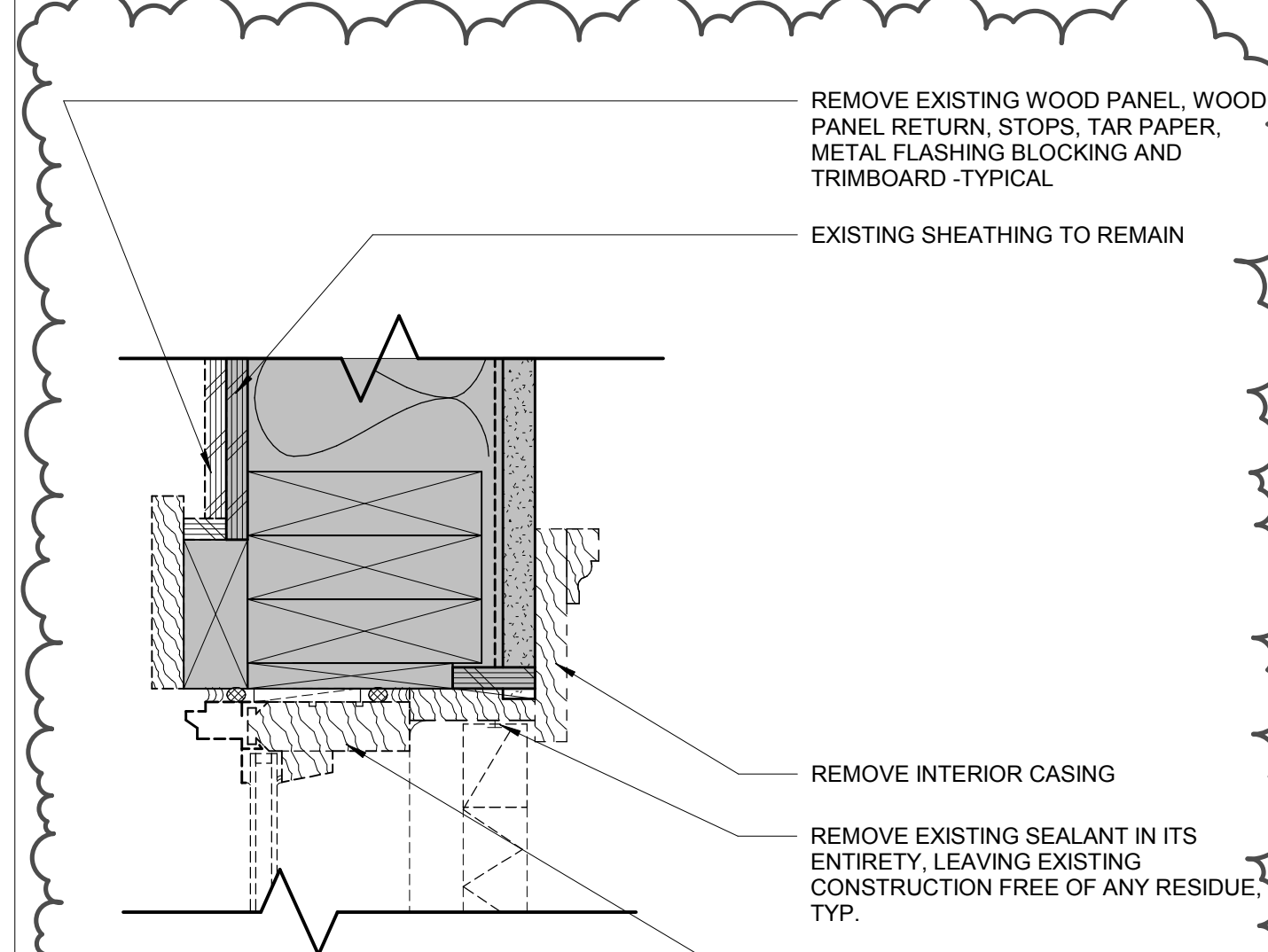
C2 WINDOW JAMBS AT GYM STL. POST - DEMO  
3" = 1'-0"



C3 WINDOW JAMB AT WOOD POST - DEMO  
3" = 1'-0"

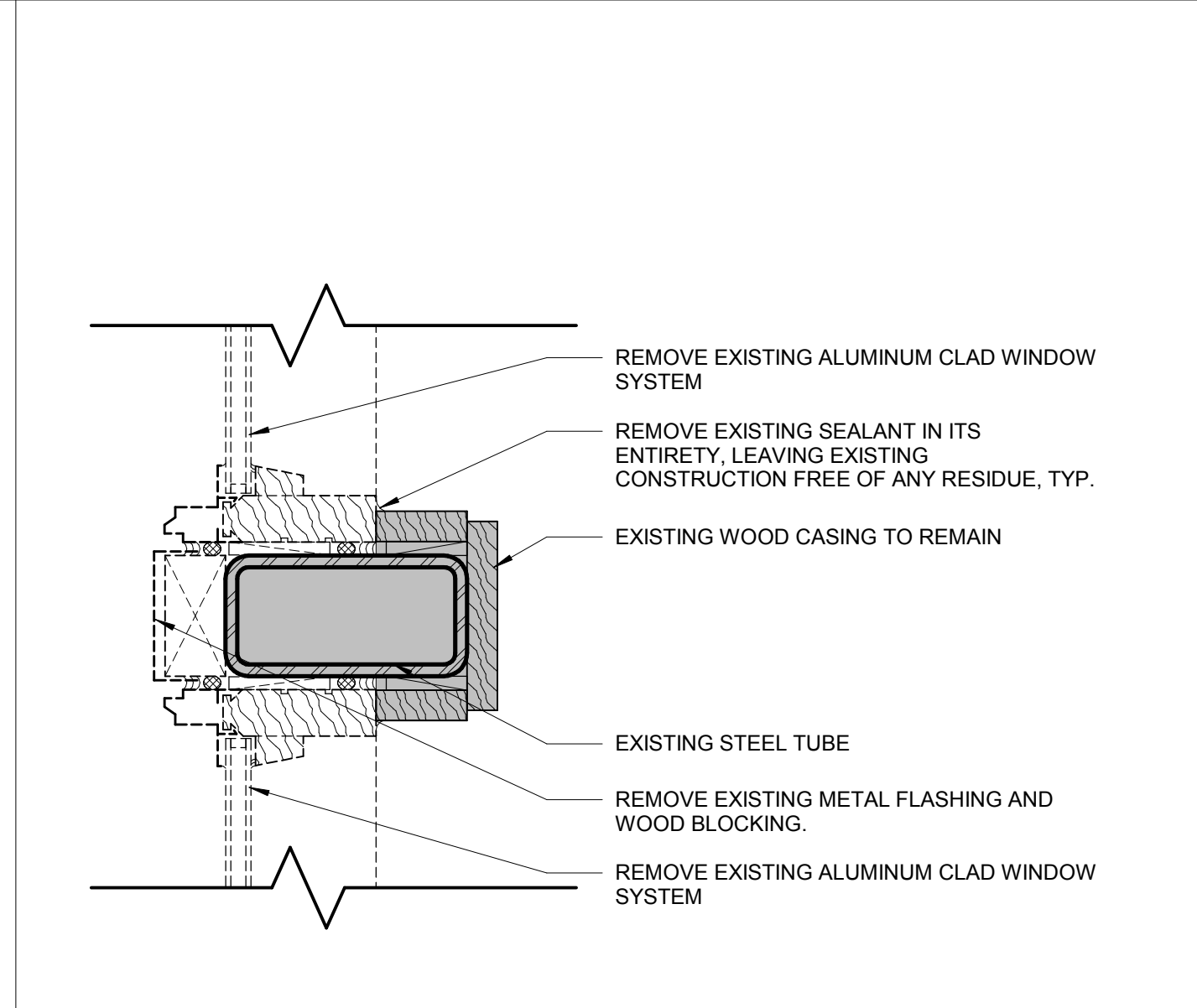


C4 WINDOW HEAD @ KINDERGARTEN - DEMO  
3" = 1'-0"

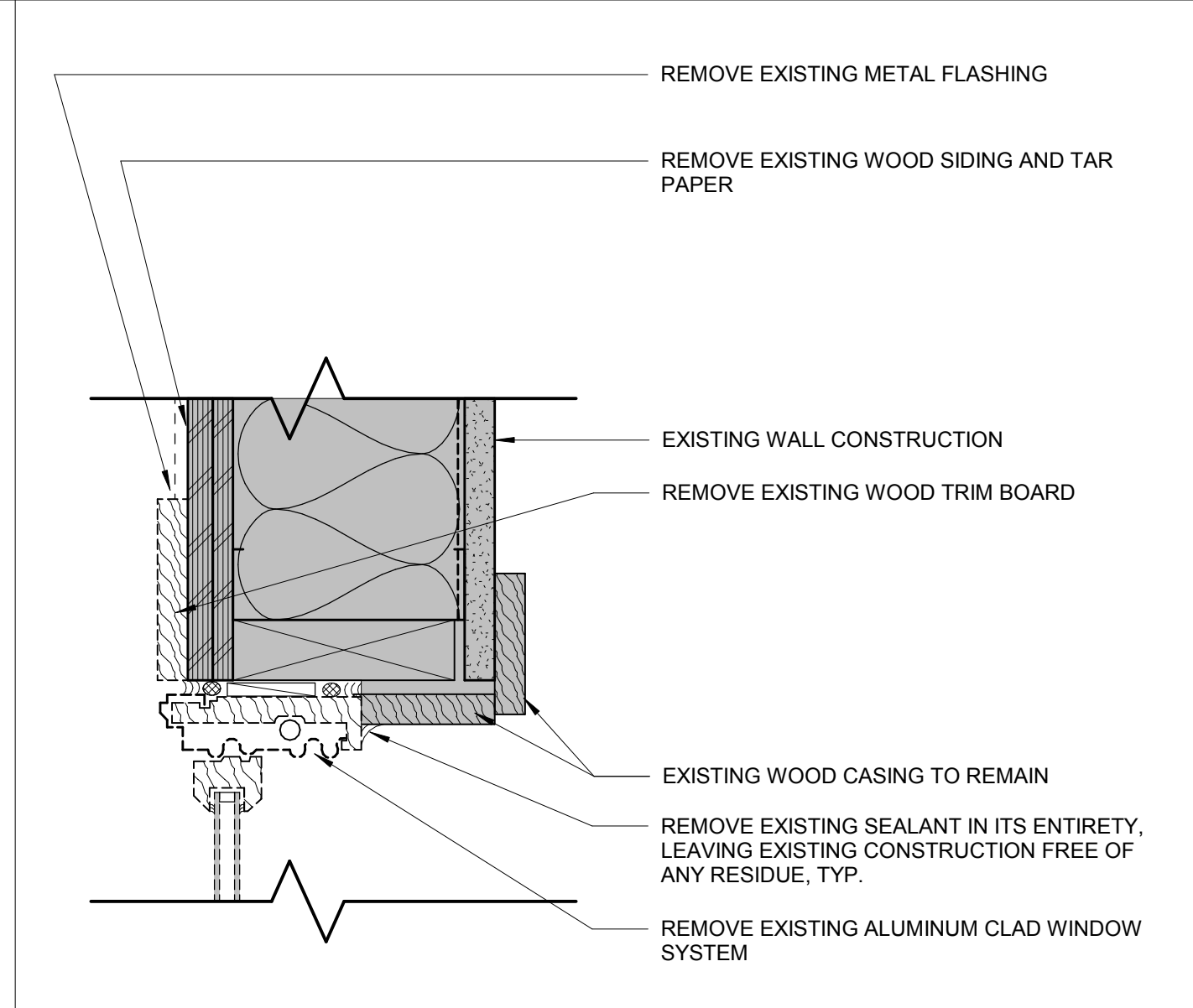


C5 WINDOW JAMB @ COURTYARD - DEMO

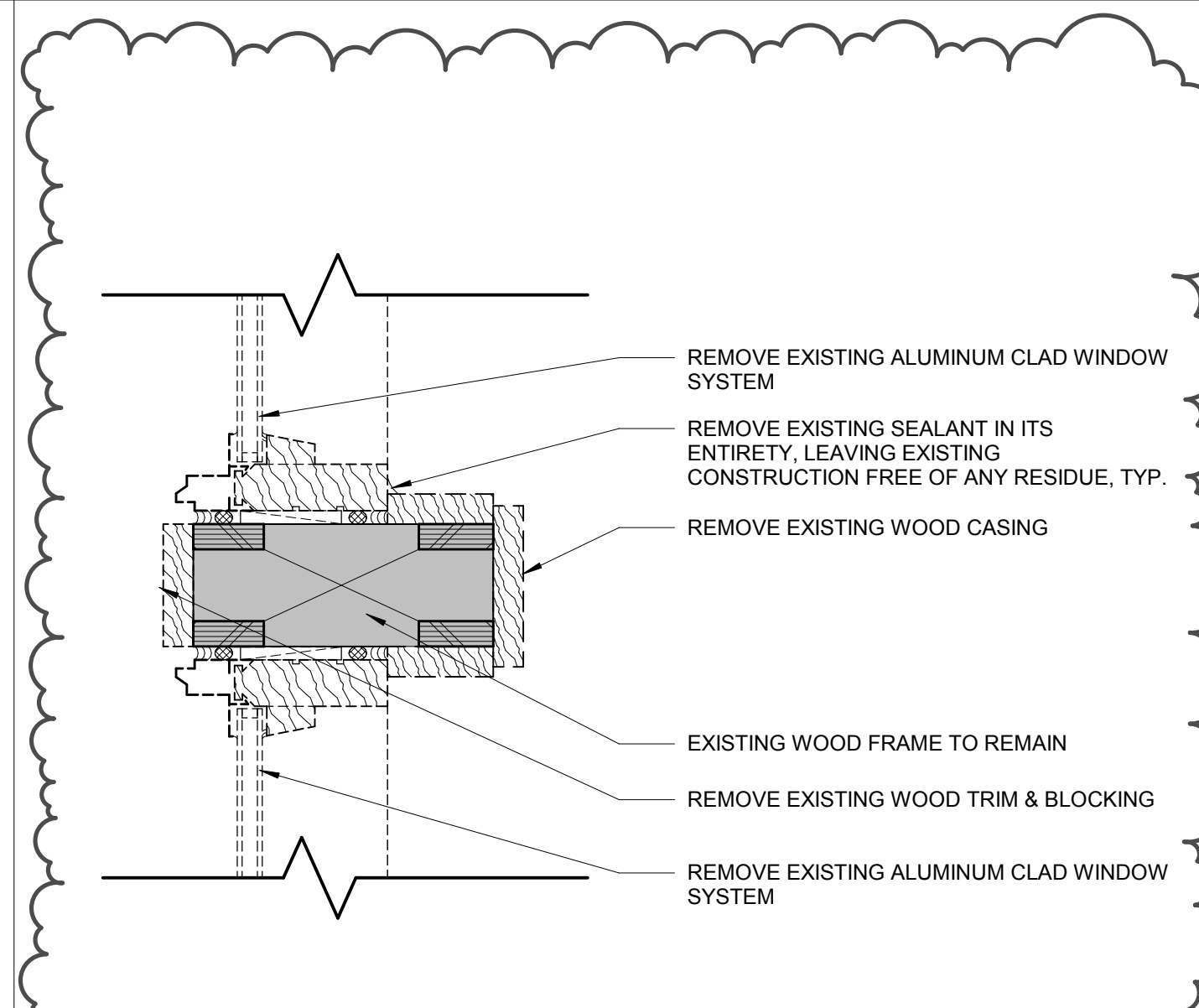
**B2 WINDOW JAMB AT GYM - DEMO**  
3" = 1'-0"



**B3** WINDOW JAMBS AT STL. POST - DEMO  
3" = 1'-0"

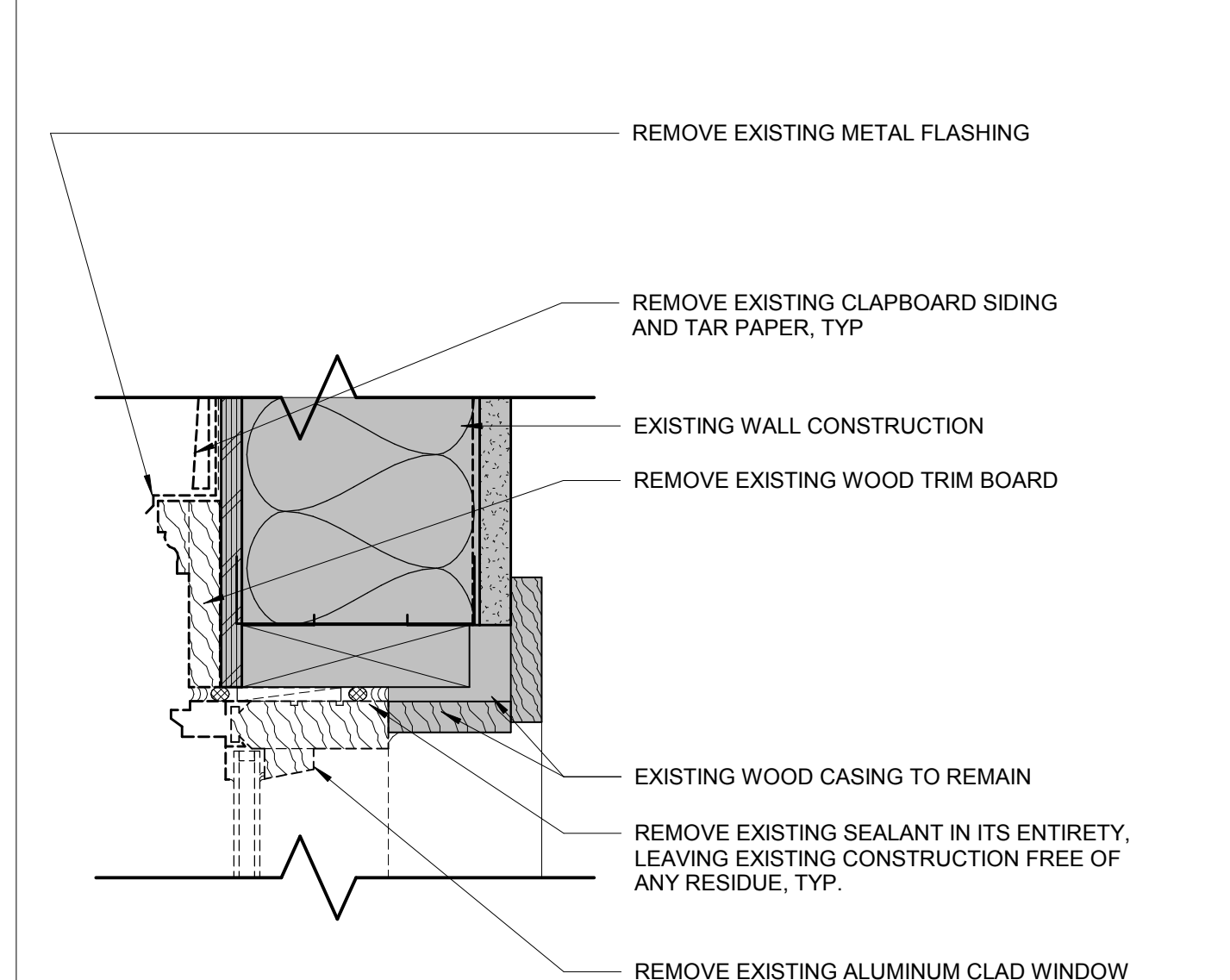


**B4** WINDOW JAMB @ KINDERGARTEN - DEMO  
3" = 1'-0"

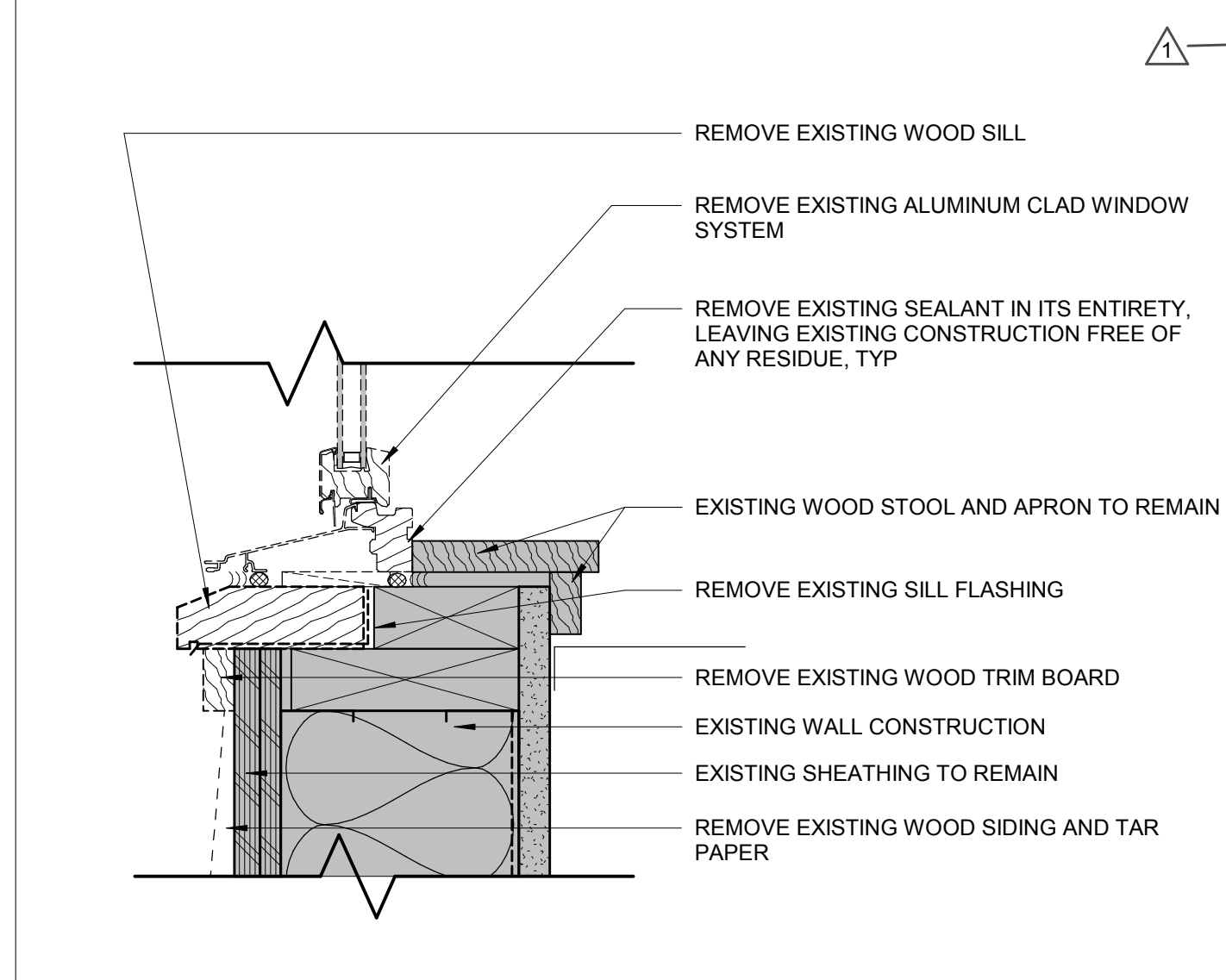


B5 WINDOW JAMB @ COURTYARD - DEMO

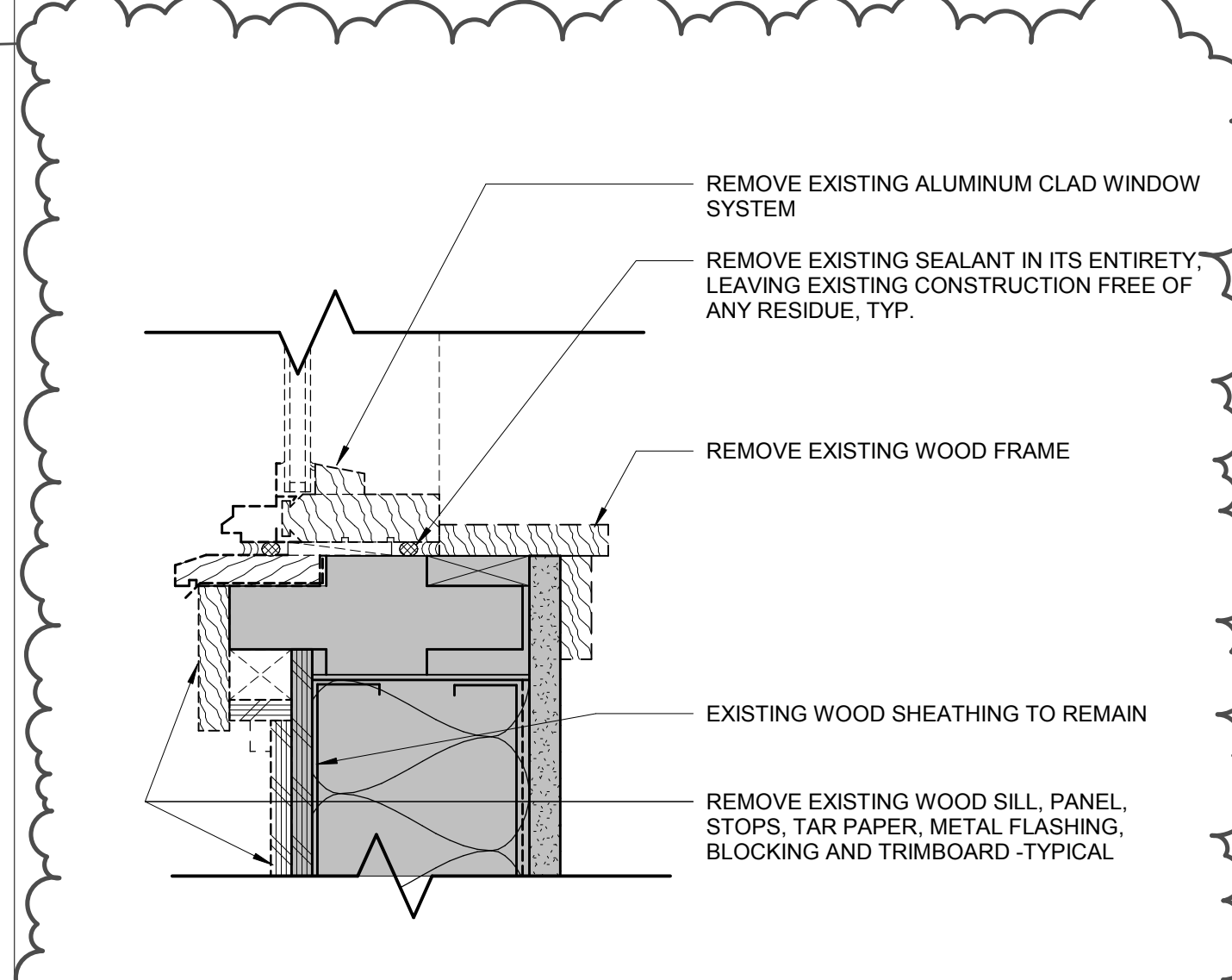
A2 WINDOW SILL AT GYM - DEMO  
3" = 1'-0"



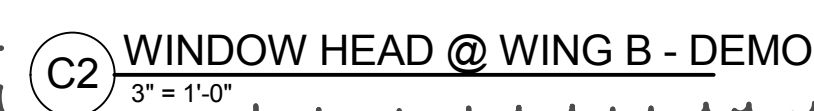
**A3 WINDOW HEAD - DEMO**  
3" = 1'-0"



A4 WINDOW SILL @ KINDERGARTEN - DEMO  
3" = 1'-0"

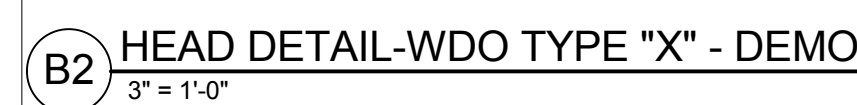
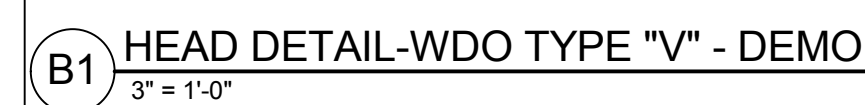
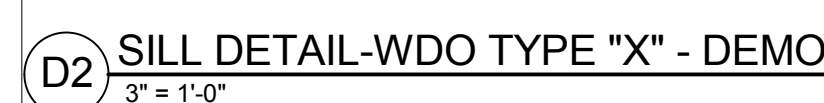


**A5 WINDOW SILL @ COURTYARD - DEMO**  
3" = 1'-0"













HABEEB & ASSOCIATES

ARCHITECTS

H&A

150 LOUWATER ST.  
NORWELL, MA 02061  
OFFICE: 781.871.8848  
FAX: 781.871.8805  
info@habeeb.com

STAMP

CONSULTANT

NORTH ARROW

KEY PLAN

MSBA ACCELERATED REPAIR PROGRAM  
WINDOWS, DOORS & SIDING REPLACEMENT

**HALIFAX ELEMENTARY SCHOOL**  
464 PLYMOUTH STREET    HALIFAX, MA 02338

REVISION	DATE	REVISIONS
MARK	12/13/17	CONSTITUTION DOCUMENTS
1	12/21/17	ADDENDUM 1

PROJECT NO: 1614.03

DATE: 12/13/17

SCALE: As indicated

DRAWN BY: Author

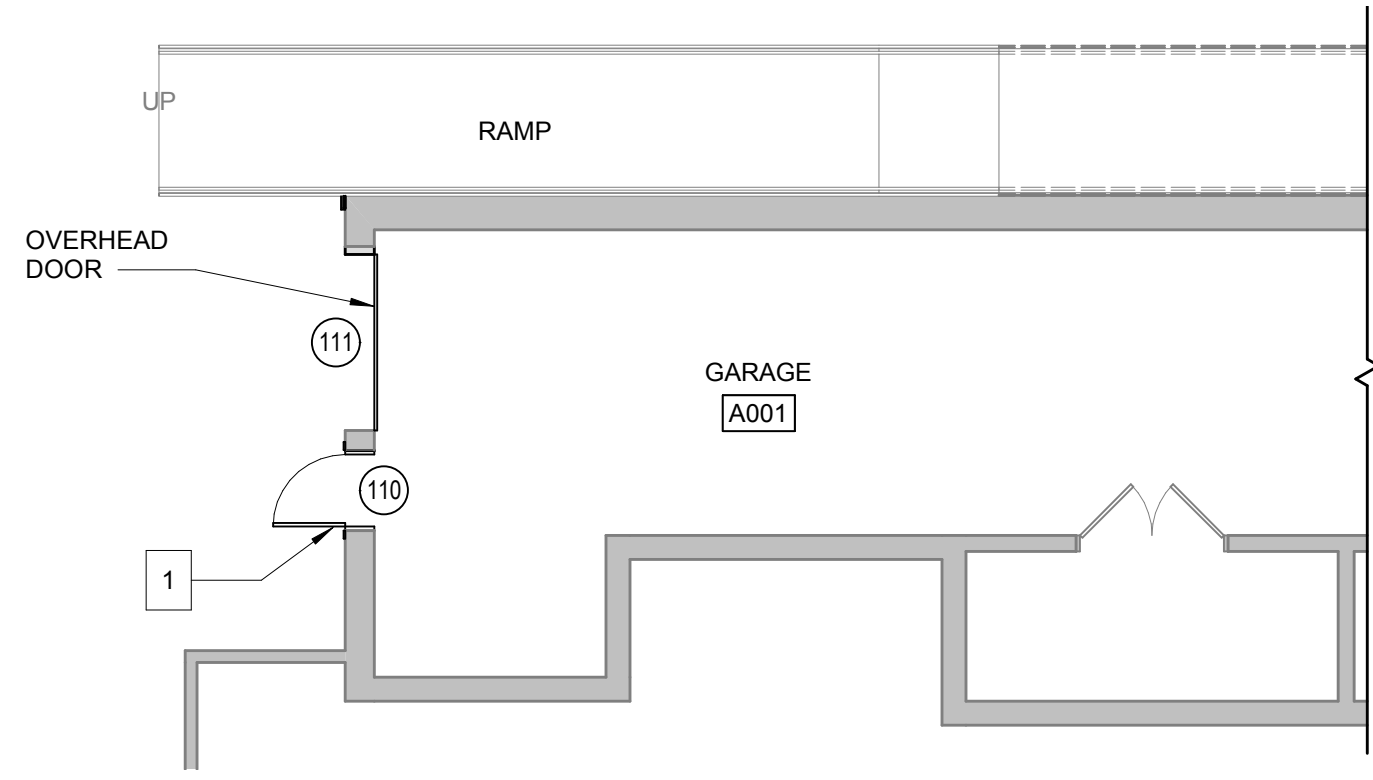
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**WALL DETAILS - DEMOLITION**

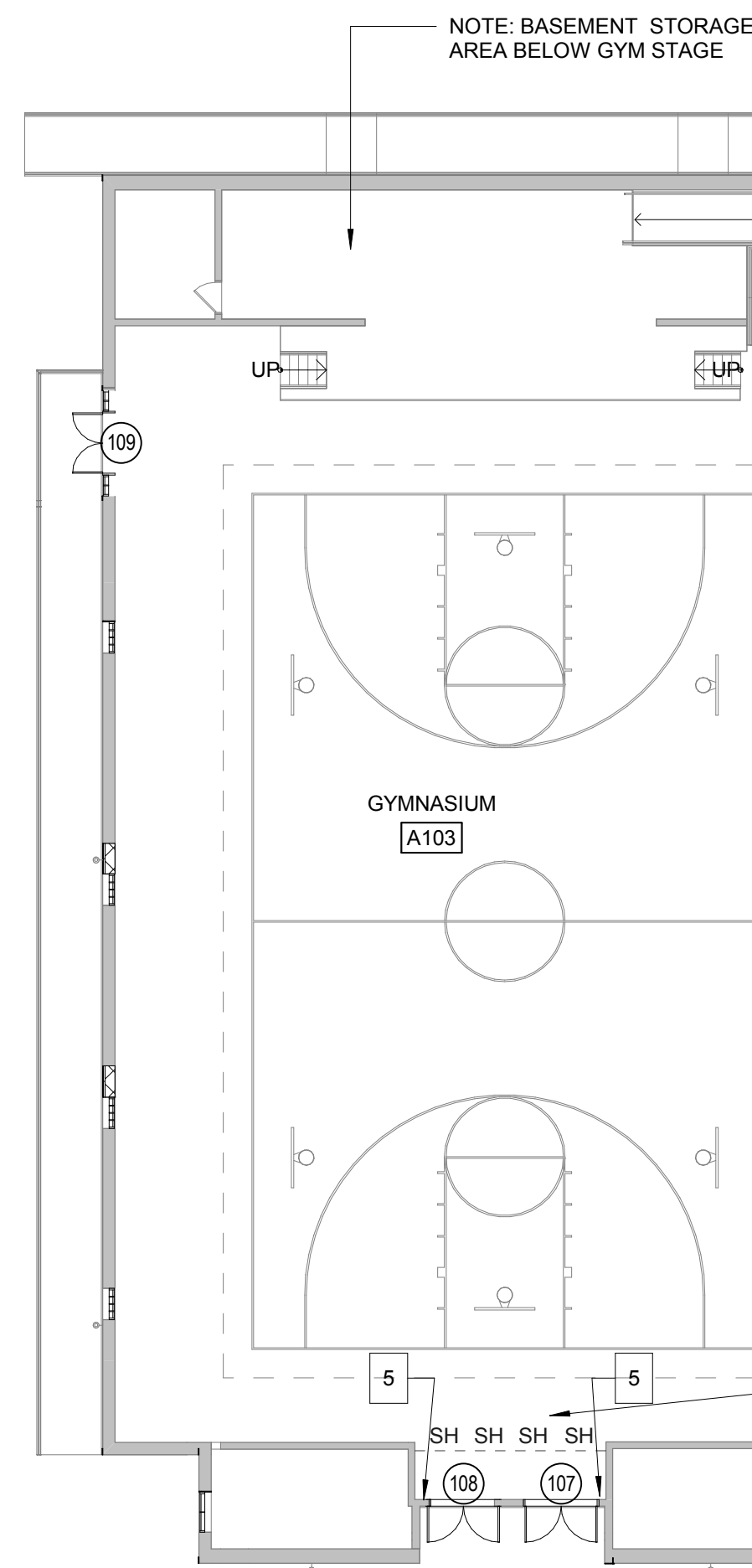
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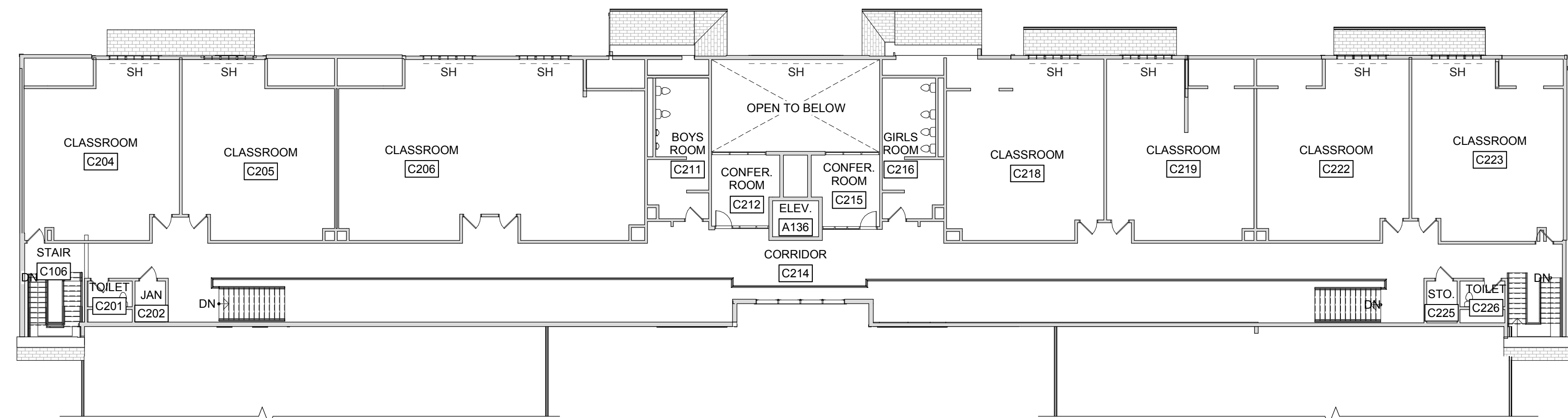




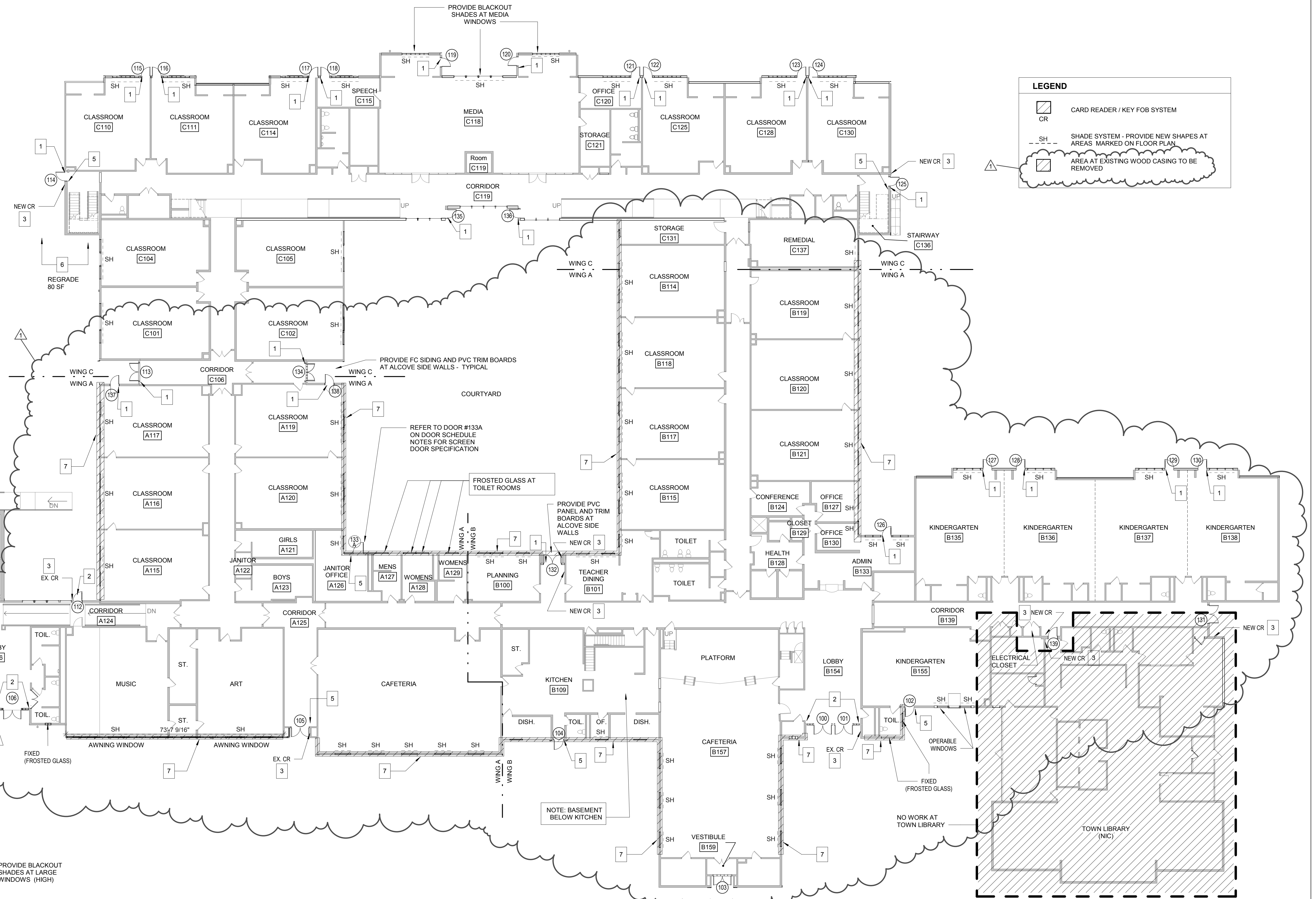
D1 BASEMENT - STORAGE AREA  
1/8" = 1'-0"



B1 FIRST FLOOR PLAN  
1/16" = 1'-0"



A1 WING C - SECOND FLOOR PLAN  
1/16" = 1'-0"



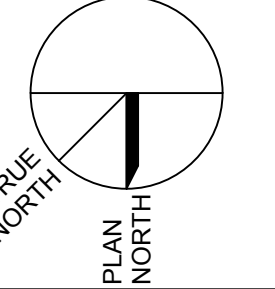
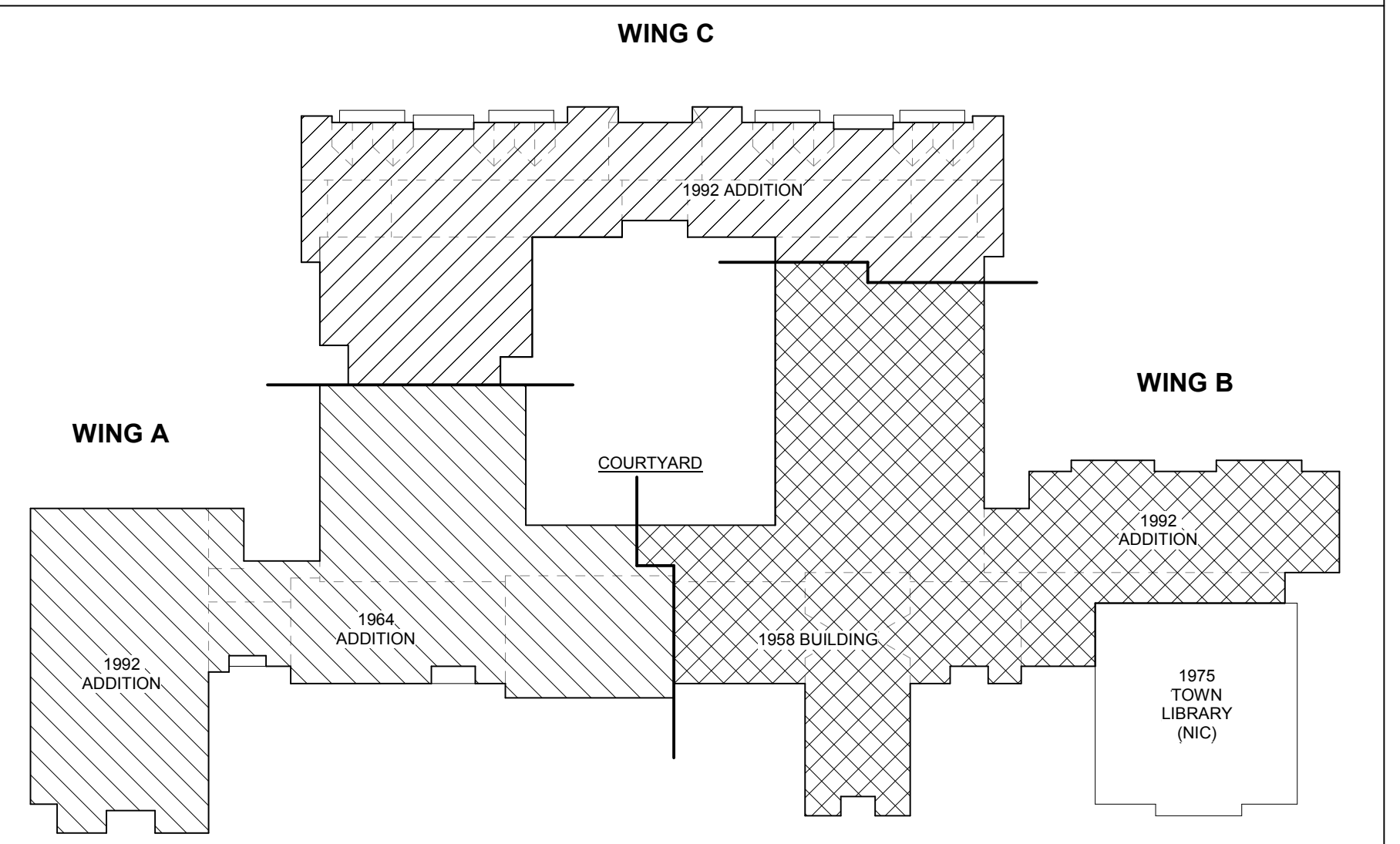
**LEGEND**

- CR CARD READER / KEY FOB SYSTEM
- SH SHADE SYSTEM - PROVIDE NEW SHAPES AT AREAS MARKED ON FLOOR PLAN
- AREA AT EXISTING WOOD CASING TO BE REMOVED

**FLOOR PLAN KEY NOTES**

1. REPLACE EXISTING DOOR AND HARDWARE - EXISTING NARROW FRAMES TO REMAIN - PAINT FRAMES
2. REMOVE EXISTING CERAMIC TILE, WOOD, SILL, WOOD CASING, AND GYPSUM BOARD. PROVIDE INTERIOR WOOD CASING AND GYPSUM BOARD. FILL WALL VOIDS WITH INSULATION. PAINT TO MATCH EXISTING FINISHES. PROVIDE PAINTED WOOD BASE.
3. PROVIDE NEW DOOR ACCESS CONTROL FROM ELECTRICAL CLOSET IN KINDERGARTEN CORRIDOR TO NEW ELECTRIC STRIKES FOR CARD READER / KEY FOB SYSTEM. PROVIDE NEW ELECTRONIC COMPONENTS AND ALL LOW VOLTAGE WIRING FROM HONEYWELL NET AXS-123 ACCESS CONTROL UNIT TO NEW CARD READER LOCATIONS. REMOVE AND RESET EXISTING CARD READERS AND RUN WIRING IN NEW DOOR FRAMES. OWNER TO PROVIDE NEW DOOR ACCESS CONTROL PANEL IN ELECTRICAL CLOSET. ALL OTHER WORK BY CONTRACTOR. RUN NEW WIRING THROUGH DOOR FRAME AND STOREFRONT FRAMING TUBES. INSTALL ALL CABLING AND LOW VOLTAGE WIRING IN ACCORDANCE WITH THE MANUFACTURERS GUIDELINES AND ACCORDING TO ALL APPLICABLE BUILDING CODES AT THE TIME OF INSTALLATIONS, INCLUDING BUT NOT LIMITED TO THE NEC AND THE ANSI/TIA/EIA TELECOMMUNICATIONS BUILDING WIRING STANDARDS.
4. PROVIDE DRYER VENT KIT WITH 4" DIAMETER METAL FLEX DUCT, ELBOWS, CLAMPS AND METAL WALL VENT. INCLUDE ALL MATERIALS PROVIDED FOR COMPLETE INSTALLATION.
5. REMOVE AND REPLACE INTERIOR WOOD CASING AND GYPSUM BOARD PAINT
6. REGRADE AREA TO DROP GRADE DOWN BELOW WOOD TRIMWORK AND FRAMING. PROVIDE 6" LOAM AND SEED AT REGRADED AREA.
7. REMOVE AND REPLACE EXISTING WOOD CASING AND SILLS FOR HAZARDOUS MATERIAL ABATEMENT.

**KEY PLAN**



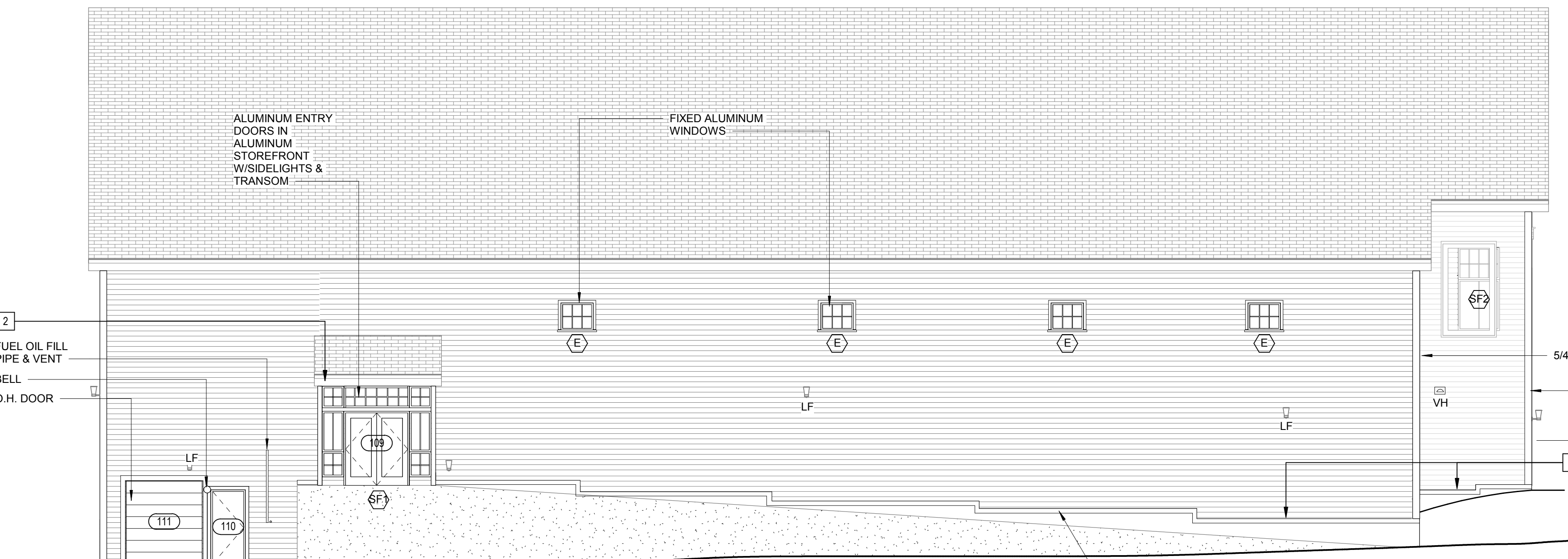
REVISION	DATE	REVISIONS
1	12/13/17	CONSULTANT DOCUMENTS
2	12/21/17	ADDENDUM 1

PROJECT NO: 1614.03  
DATE: 12/13/17  
SCALE: As indicated  
DRAWN BY: Author  
CHECKED BY: Checker

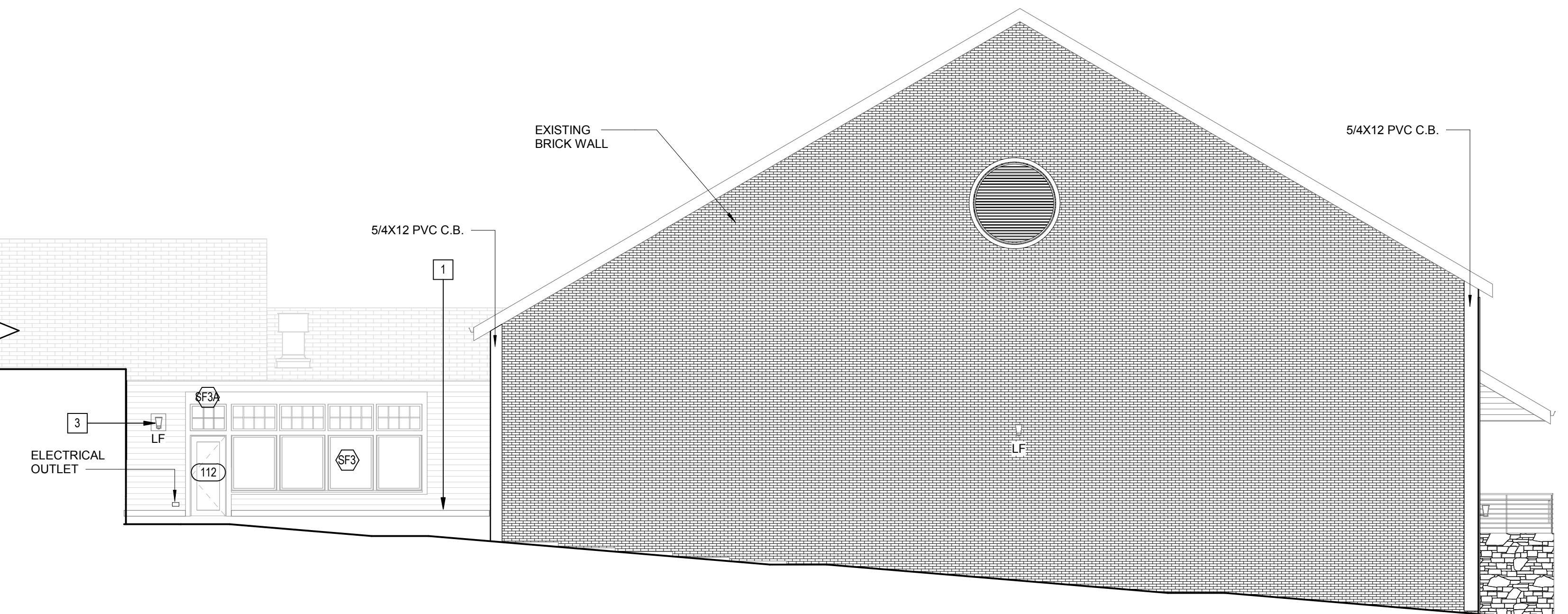
**FLOOR PLAN**



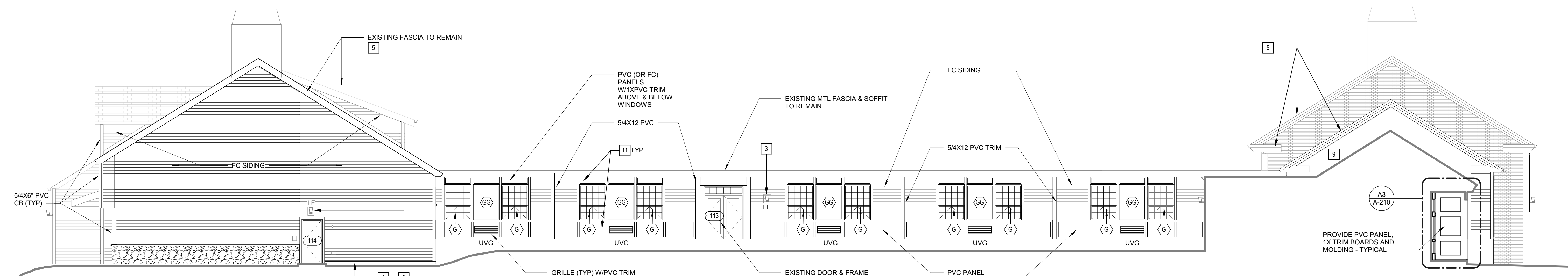




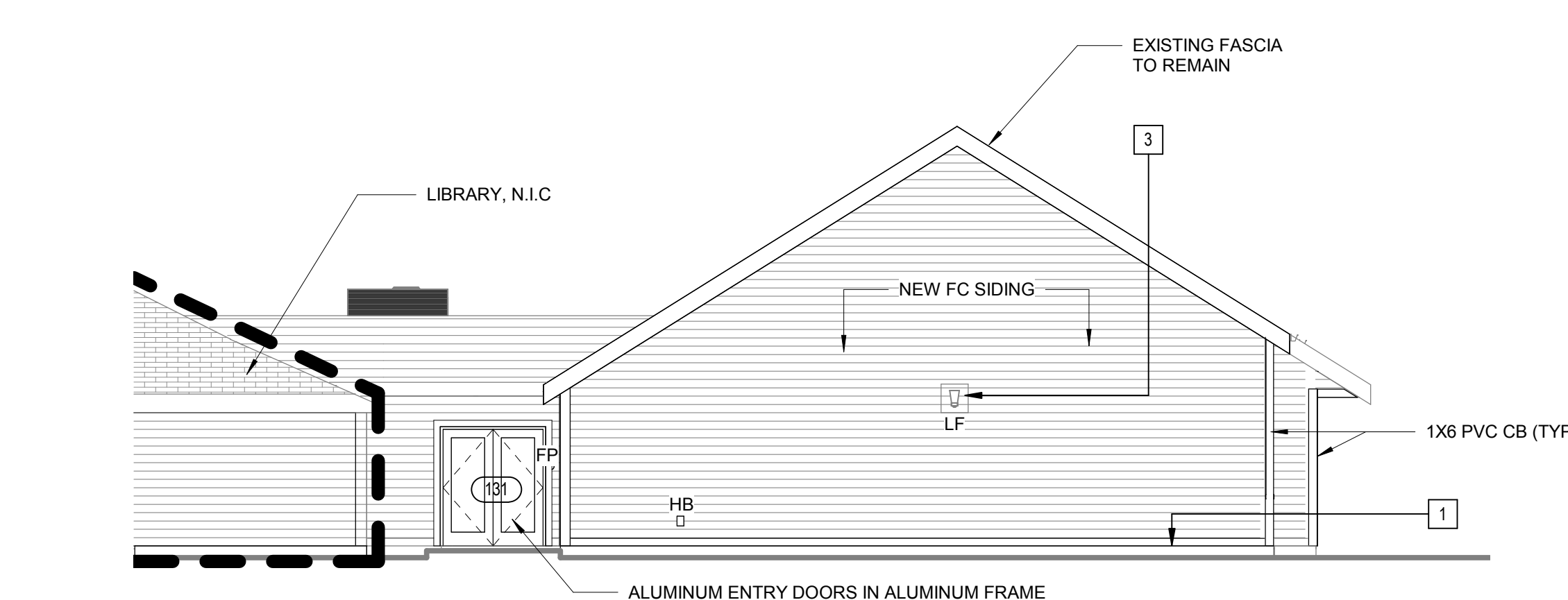
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1/8" = 1'-0"



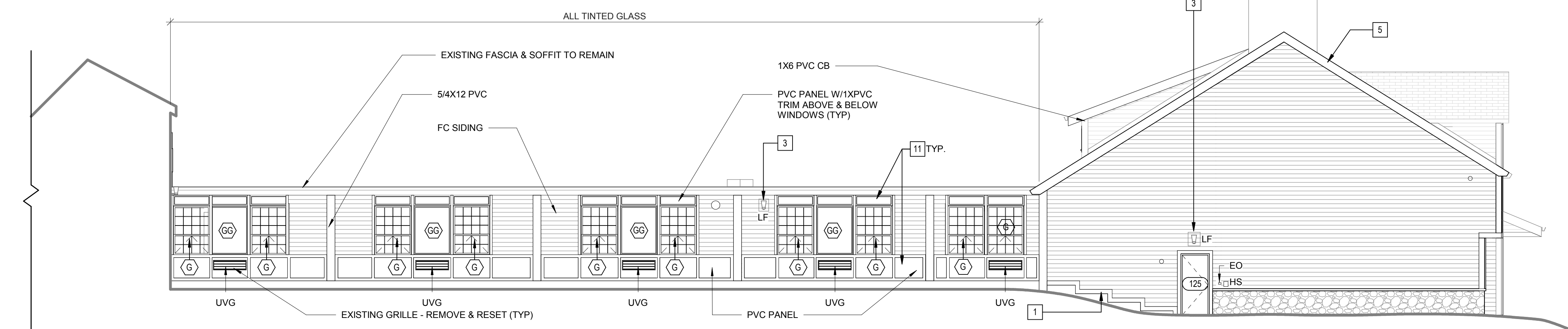
D2 WING A - SOUTH - NEW  
1/8" = 1'-0"



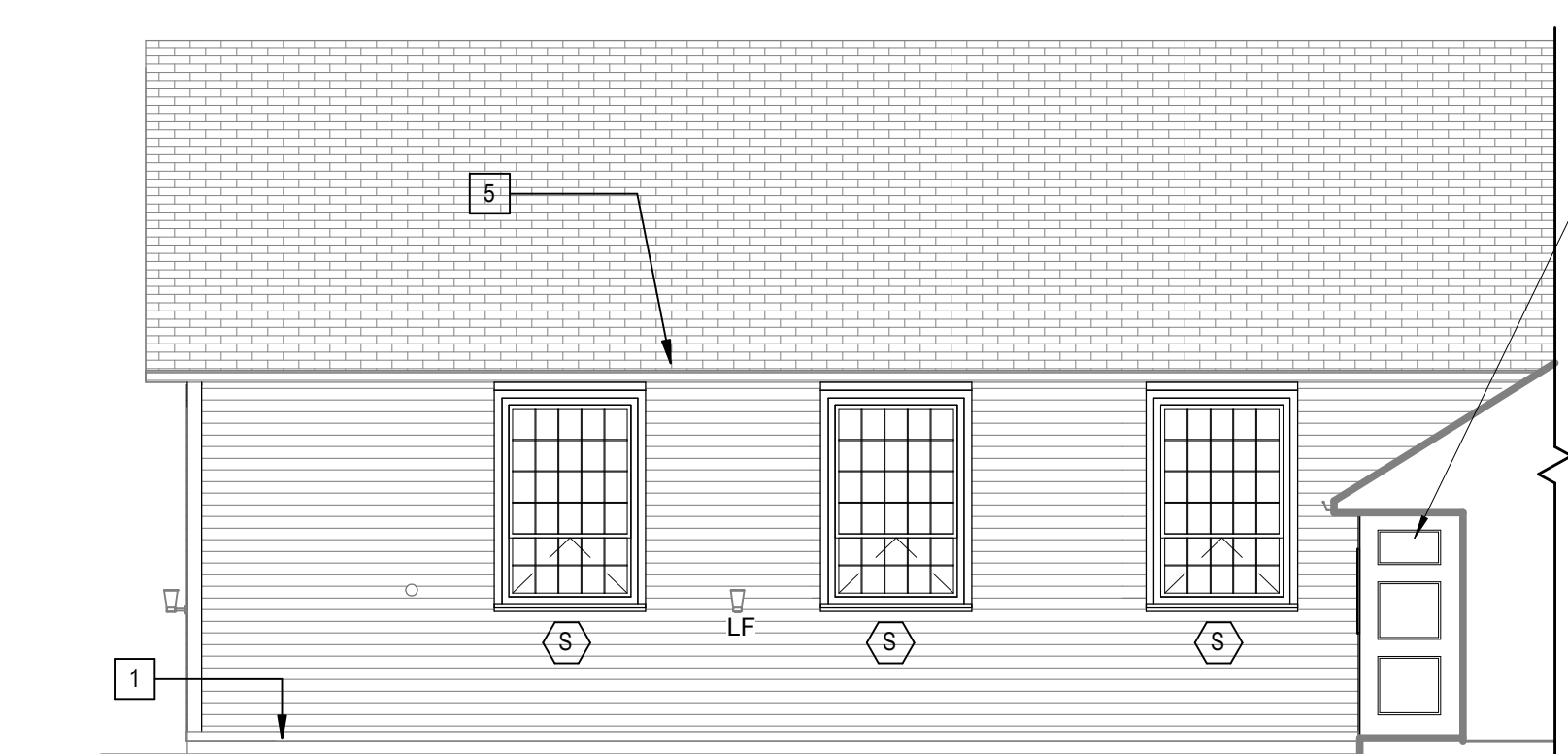
C1 WING C - EAST - NEW  
1/8" = 1'-0"



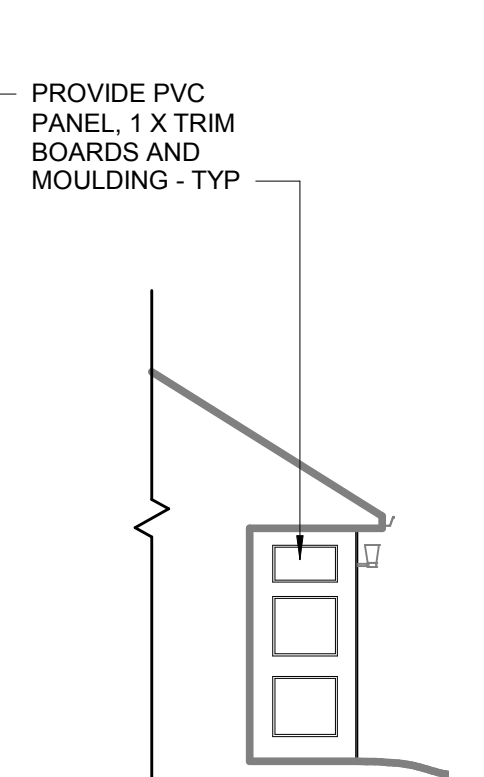
B1 WING B - WEST - NEW - 2  
1/8" = 1'-0"



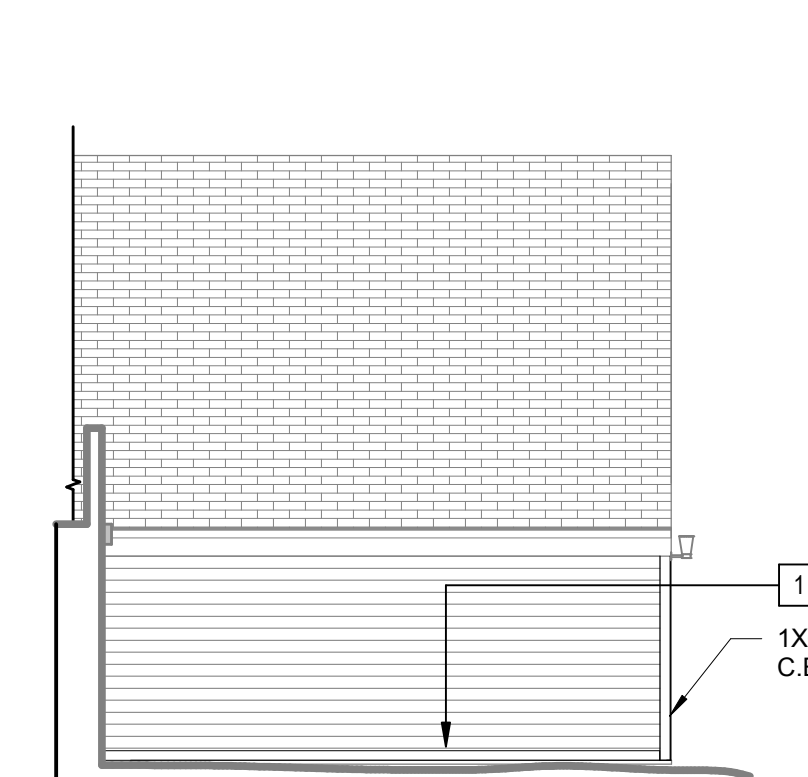
B2 WING B - WEST - NEW 3  
1/8" = 1'-0"



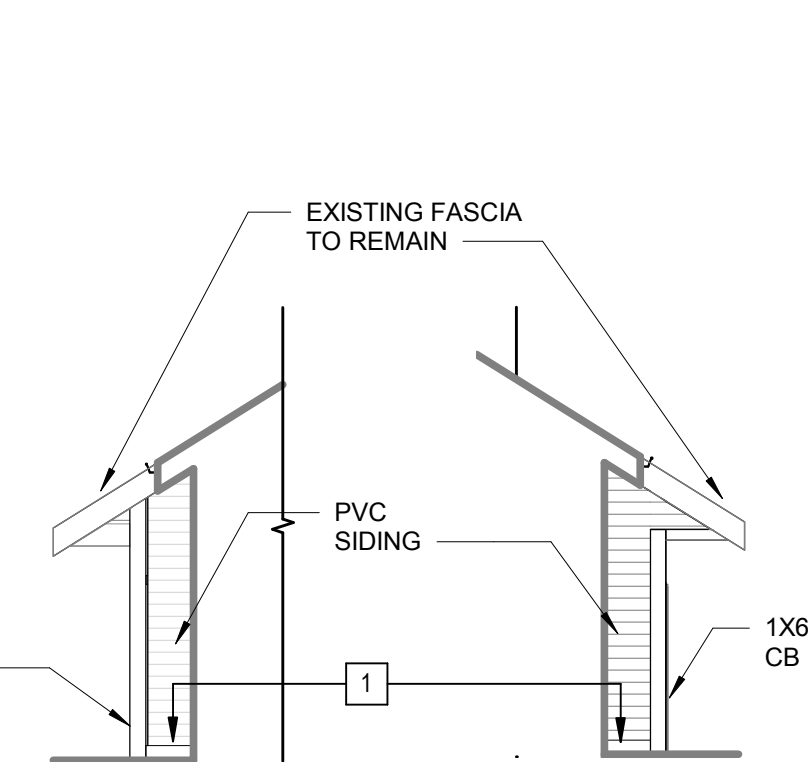
A1 WING B - A - NEW  
1/8" = 1'-0"



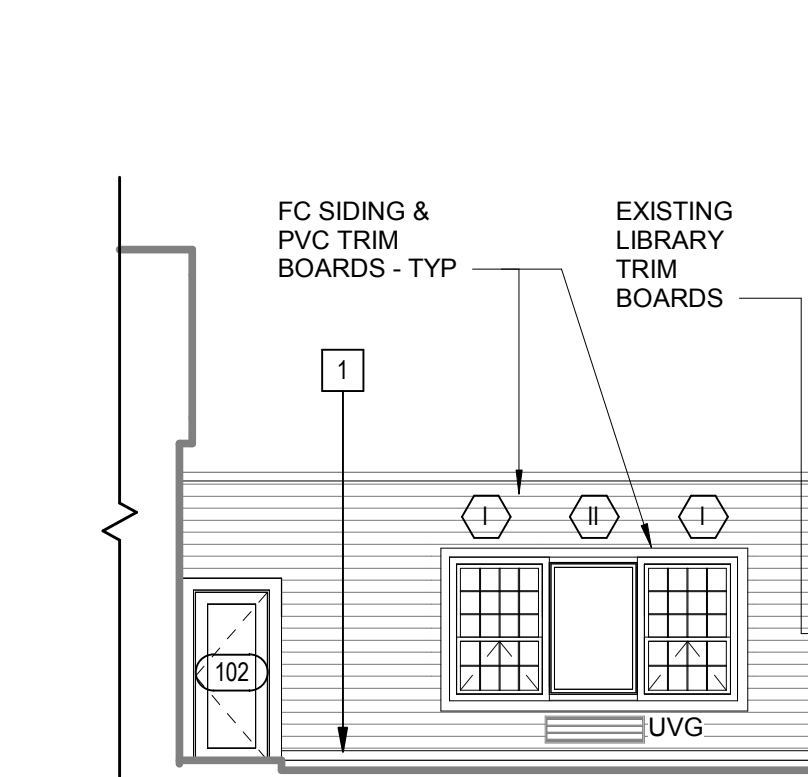
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1/8" = 1'-0"



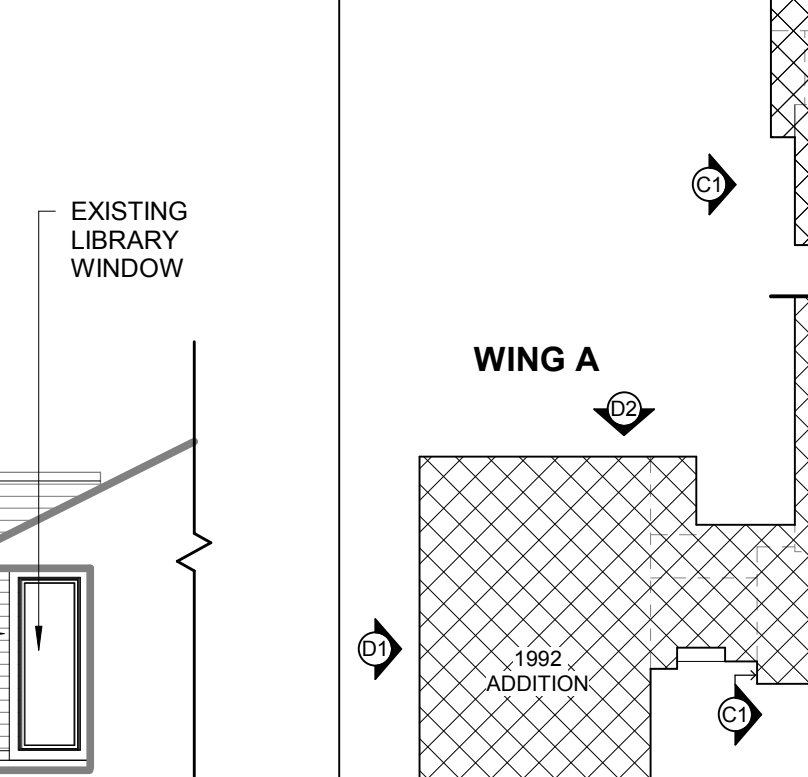
A3 WING B - D - NEW  
1/8" = 1'-0"



A4 WING B - E - NEW  
1/8" = 1'-0"



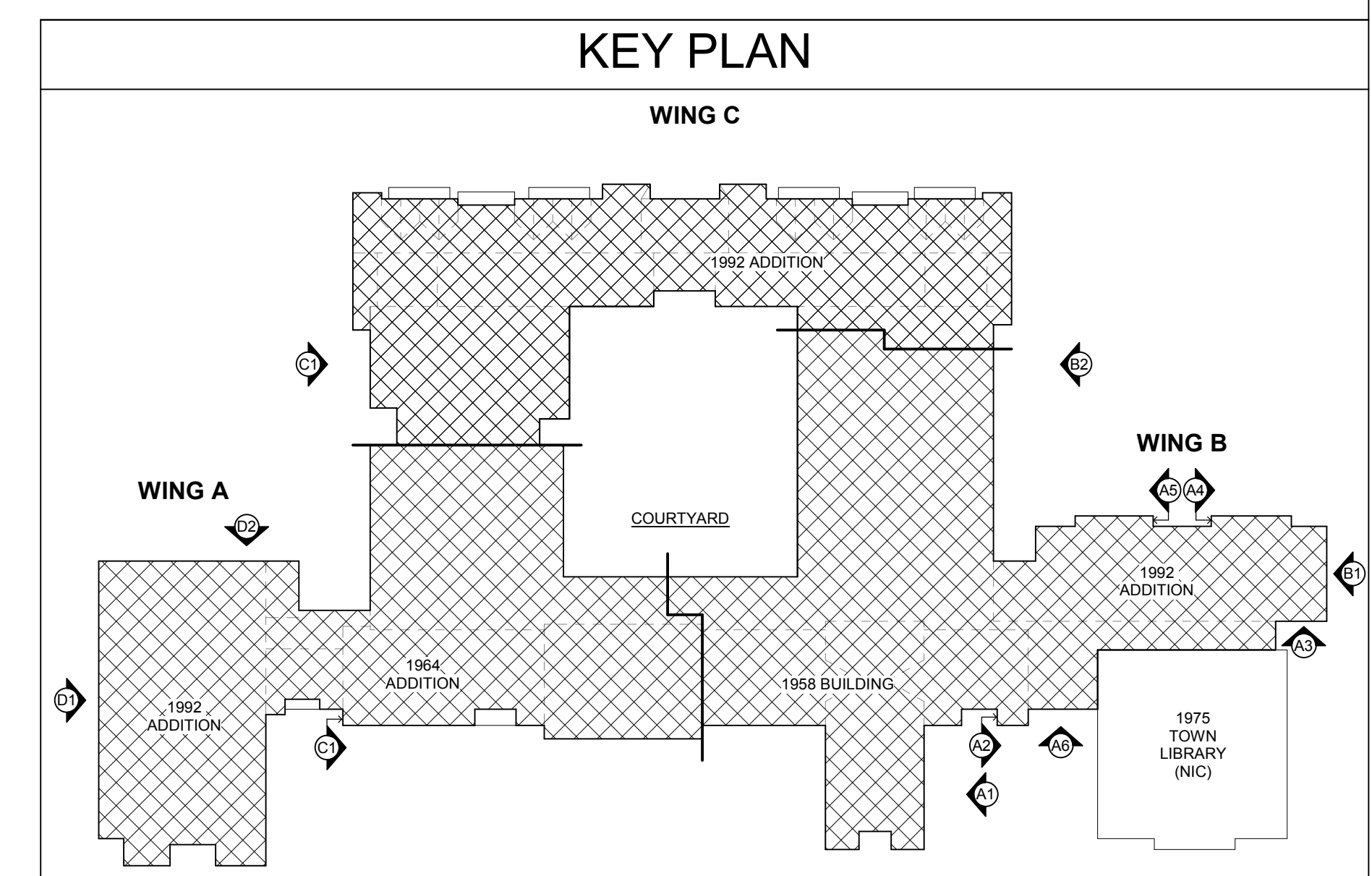
A5 WING B - F - NEW  
1/8" = 1'-0"



A6 WING B - C - NEW  
1/8" = 1'-0"

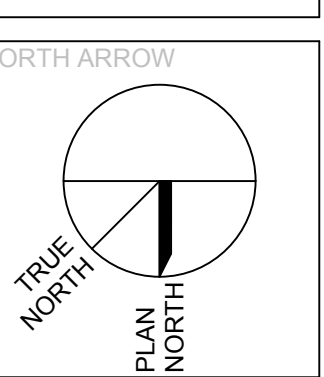
ELEVATION KEY NOTES	
NUMBER	DESCRIPTION
1	PROVIDE 1X6 PVC WATER TABLE
2	PROVIDE NEW SIDING AT SIDES OF ENTRANCE CANOPY - SCRAPE AND PAINT RAKE BOARD AND FASCIA
3	PROVIDE FRAMED PVC PANEL AT LIGHT SCONCES AS SHOWN ON DRAWING A-531
4	SCRAPE AND PAINT EXISTING LOUVER - PROVIDE NEW SEALANT AT PERIMETER
5	SCRAPE AND PAINT EXISTING WOOD CORNICE AND TRIMWORK
6	PROVIDE 1X12 PVC TRIM BOARD CUT TO FIT AREA ABOVE VESTIBULE STOREFRONT FRAME AND WALL
7	PROVIDE DRYER VENT AND HOSE KIT, MOUNT VENT ON 1X PVC TRIM BOARD ADJACENT TO WINDOW (3'-0" MINIMUM ABOVE GRADE MIN)
8	SCRAPE, PATCH, PREP, CLEAN AND PAINT EXISTING STUCCO
9	PRIME AND PAINT EXISTING TRIMWORK AND MOLDING AT DOOR
10	PROVIDE 1/2" PVC PANEL AND TRIMBOARD WITH RABBETTED BACK CUTS. PANEL LOCATIONS TO MATCH EXISTING. INSTALL PVC PANELS AND TRIM BOARDS OVER AIR/VAPOR BARRIER. RUN AIR BARRIER CONTINUOUS INTO WINDOW FRAME
11	WRAP WALL BUMP-OUT IN PVC 1X TRIMBOARDS
12	REMOVE DOOR AND HARDWARE - FRAME TO REMAIN
13	RESET AIR CONDITIONING UNIT ON EXISTING BRACKETS ANCHORED TO WALL
14	

NOTE: RAINWATER LEADERS NOT SHOWN FOR CLARITY. SEE DEMOLITION DRAWINGS FOR RWL LOCATIONS.



STAMP

CONSULTANT



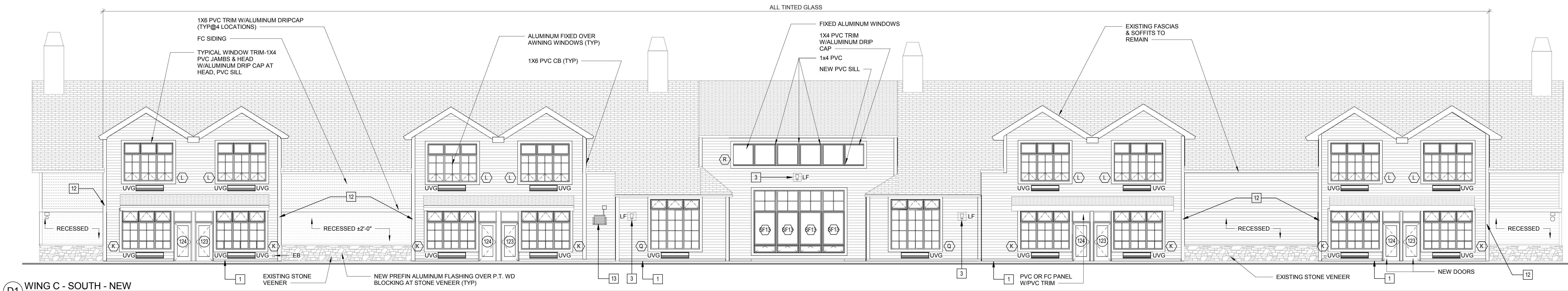
KEY PLAN

REVISION	DATE	REVISIONS
1	12/13/17	CONSULTANT DOCUMENTS

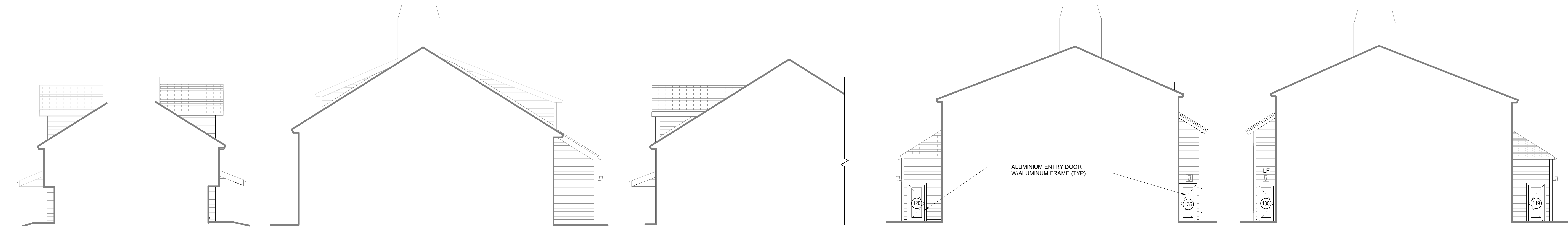
PROJECT NO: 1614.03  
DATE: 12/13/17  
SCALE: 1/8" = 1'-0"  
DRAWN BY: Author  
CHECKED BY: Checker

EXTERIOR ELEVATIONS





D1 WING C - SOUTH - NEW  
1/8" = 1'-0"



C1 WING C - A - NEW  
1/8" = 1'-0"

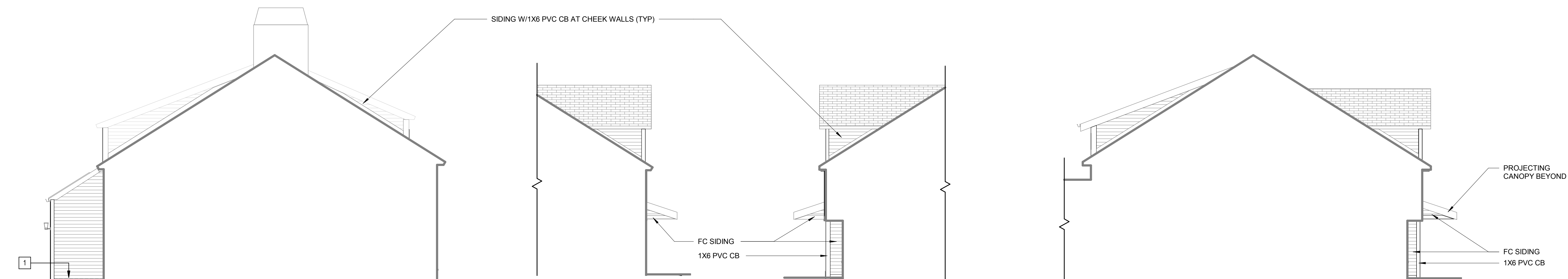
C2 WING C - B - NEW  
1/8" = 1'-0"

C3 WING C - C - NEW  
1/8" = 1'-0"

C4 WING C - D - NEW  
1/8" = 1'-0"

C5 WING C - E - NEW  
1/8" = 1'-0"

C6 WING C - F - NEW  
1/8" = 1'-0"



B1 WING C - G - NEW  
1/8" = 1'-0"

B2 WING C - H - NEW  
1/8" = 1'-0"

B3 WING C - I - NEW  
1/8" = 1'-0"

B4 WING C - J - NEW  
1/8" = 1'-0"

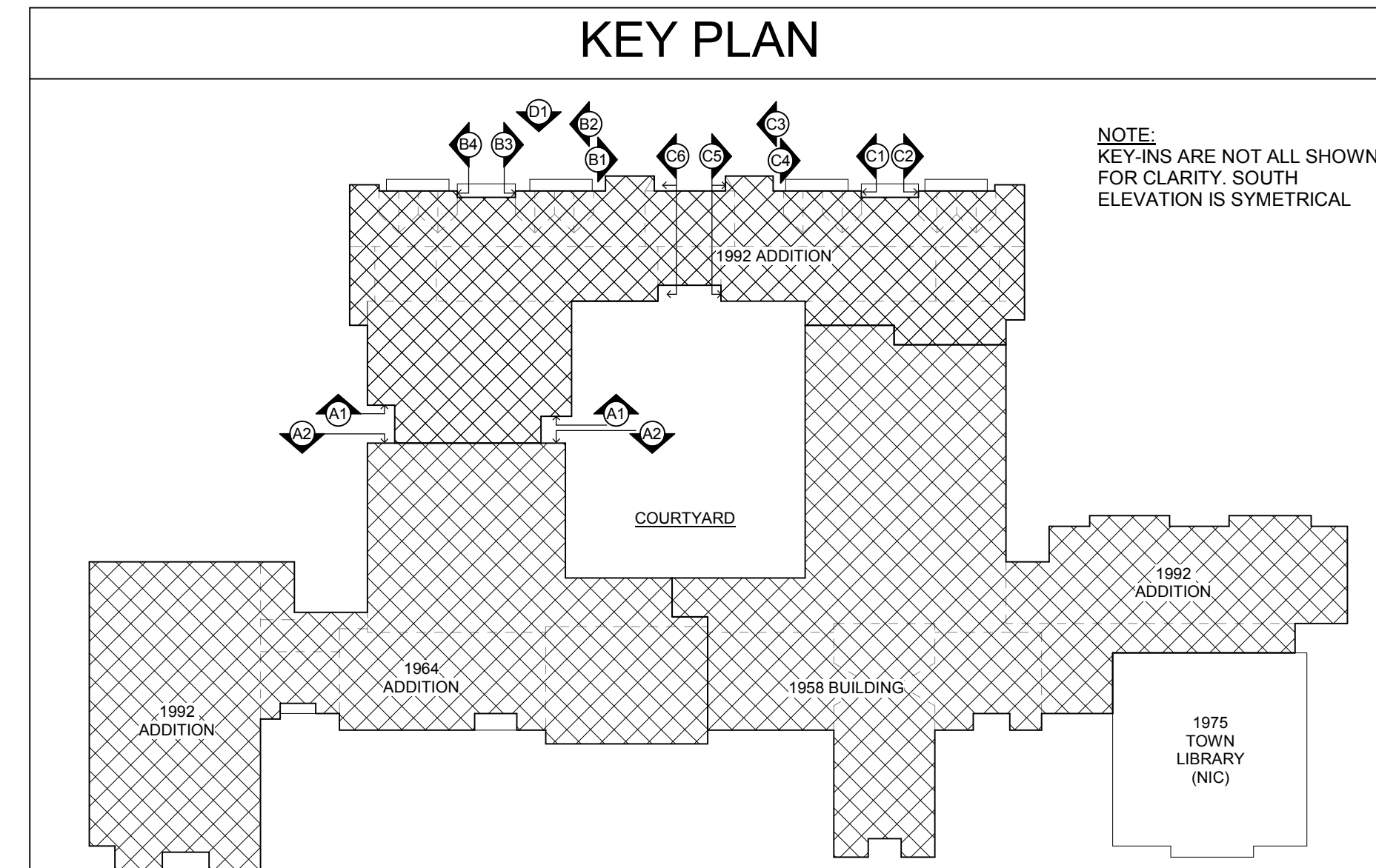


A1 WING C - NORTH - NEW 2  
1/8" = 1'-0"

A2 WING A - SOUTH - NEW 2  
1/8" = 1'-0"

ELEVATION KEY NOTES	
NUMBER	DESCRIPTION
1	PROVIDE 1X6 PVC WATER TABLE
2	PROVIDE NEW SIDING AT SIDES OF ENTRANCE CANOPY - SCRAPE AND PAINT RAKE BOARD AND FASCIA
3	PROVIDE FRAMED PVC PANEL AT LIGHT SCONES AS SHOWN ON DRAWING 6-531
4	SCRAPE AND PAINT EXISTING LOUVER - PROVIDE NEW SEALANT AT PERIMETER
5	SCRAPE AND PAINT EXISTING WOOD CORNICE AND TRIMWORK
6	PROVIDE 1X12 PVC TRIM BOARD CUT TO FIT AREA ABOVE VESTIBULE
7	PROVIDE 1X8 PVC TRIM BOARD CUT TO FIT AREA BETWEEN STOREFRONT FRAME AND WALL
8	PROVIDE DRYER VENT AND HOSE KIT, MOUNT VENT ON 1X PVC TRIM BOARD ADJACENT TO WINDOW (3'-0" MINIMUM ABOVE GRADE MIN)
9	SCRAPE, PATCH, PREP, CLEAN AND PAINT EXISTING STUCCO
10	PRIME AND PAINT EXISTING TRIMWORK AND MOLDING AT DOOR
11	PROVIDE 1/2" PVC PANEL AND TRIMBOARD WITH RABBETED BACK CUTS, PANEL LOCATIONS TO MATCH EXISTING. INSTALL PVC PANELS AND TRIM BOARDS OVER AIRVAPOR BARRIER, RUN AIR BARRIER CONTINUOUS INTO WINDOW FRAME
12	WRAP WALL BUMP-OUT IN PVC 1X TRIMBOARDS
13	REMOVE DOOR AND HARDWARE - FRAME TO REMAIN
14	RESET AIR CONDITIONING UNIT ON EXISTING BRACKETS ANCHORED TO WALL

NOTE: RAINWATER LEADERS NOT SHOWN FOR CLARITY. SEE DEMOLITION DRAWINGS FOR RWL LOCATIONS.



STAMP

CONSULTANT

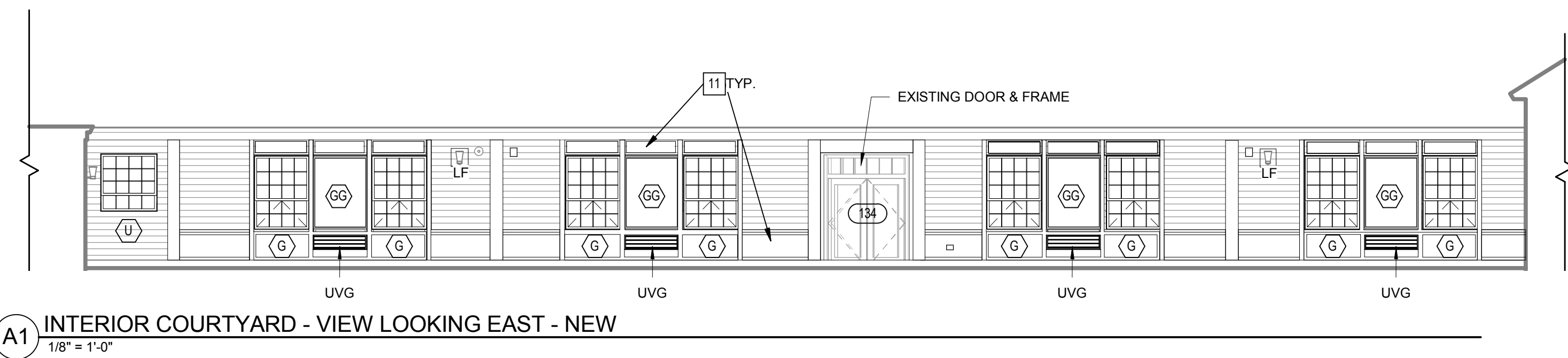
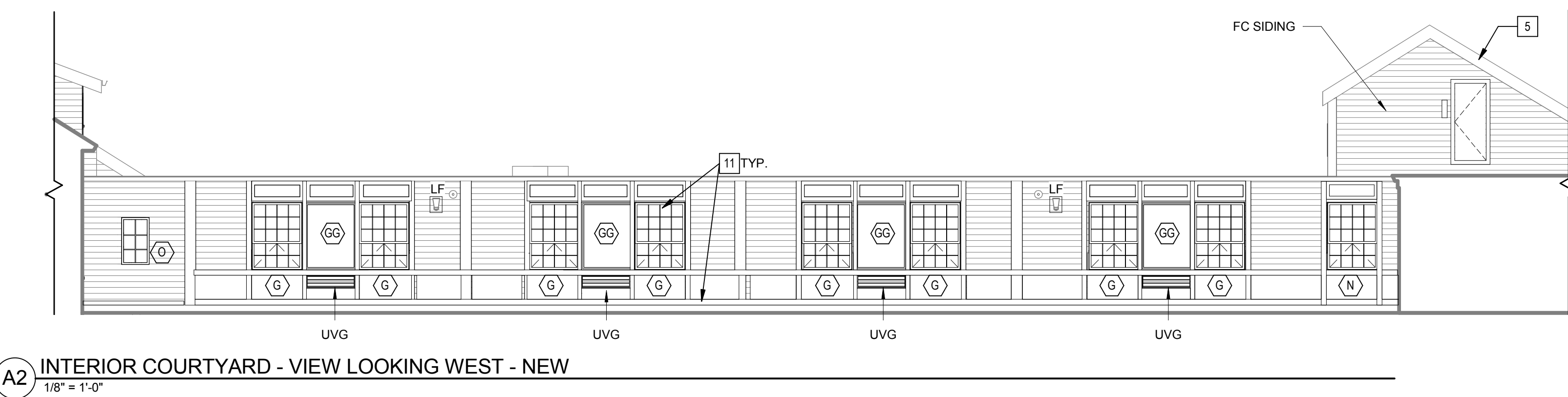
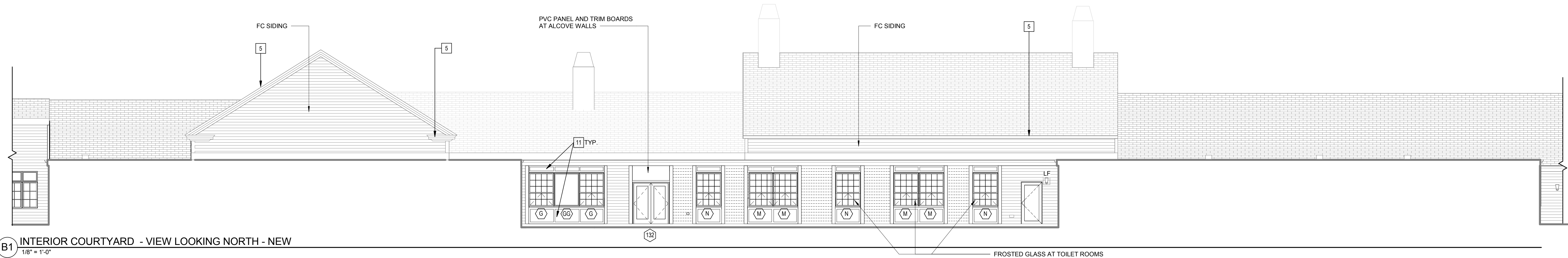
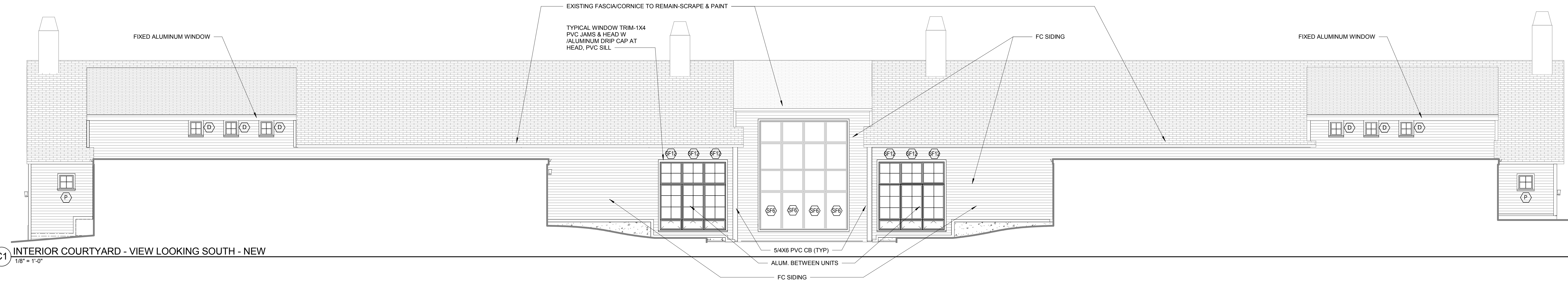
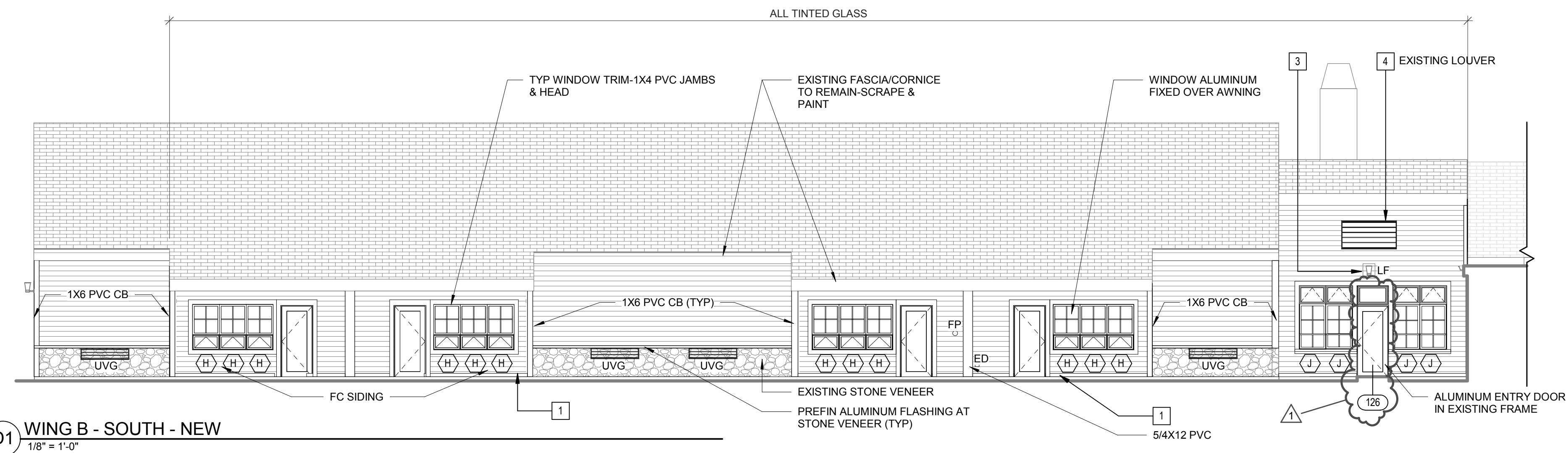
NORTH ARROW

KEY PLAN

REVISION	DATE	BY	DESCRIPTION
1	12/13/17	Author	CONSTRUCTION DOCUMENTS

PROJECT NO: 1614.03  
DATE: 12/13/17  
SCALE: 1/8" = 1'-0"  
DRAWN BY: Author  
CHECKED BY: Checker

EXTERIOR  
ELEVATIONS



## NEW WORK GENERAL NOTES

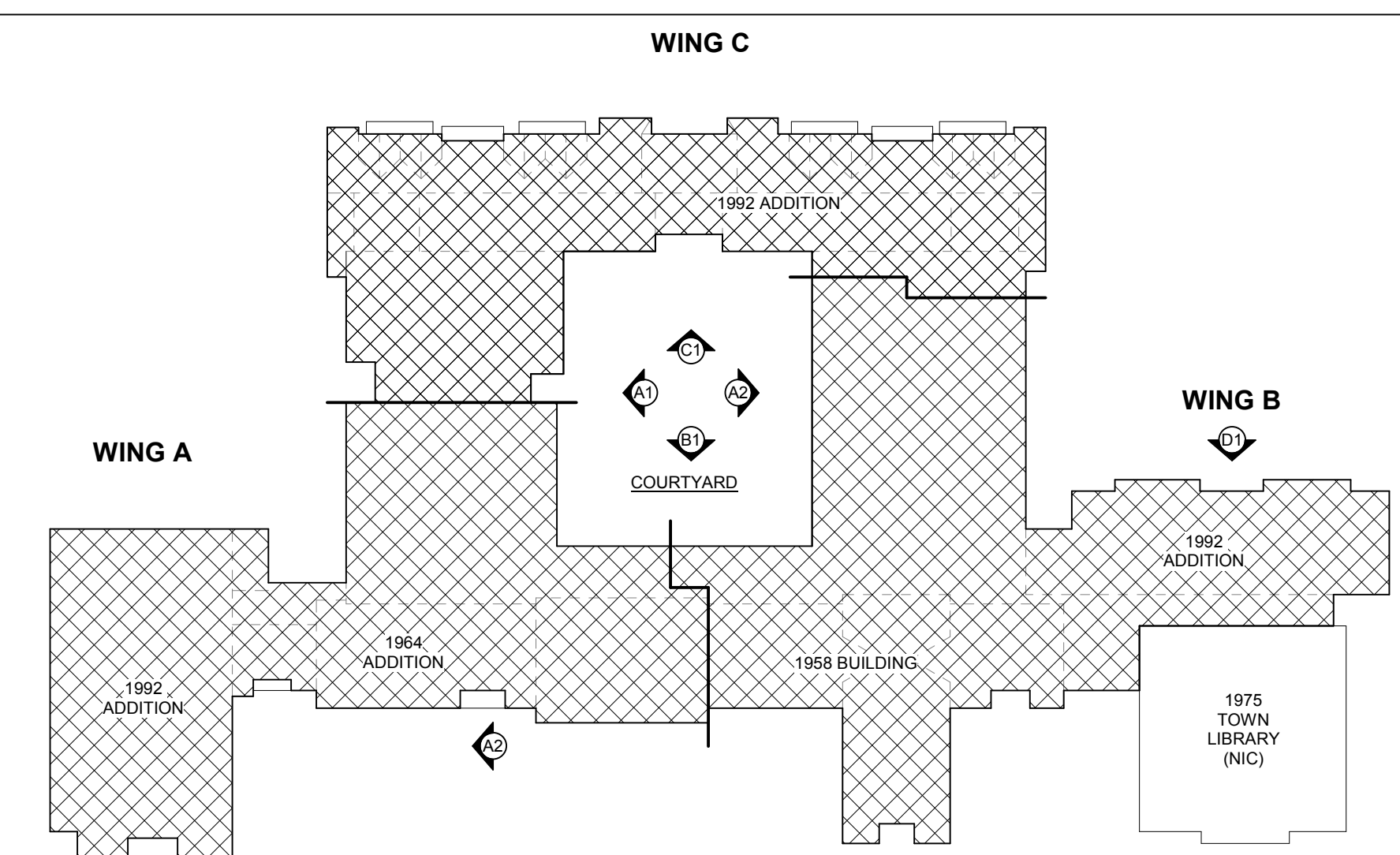
1. PROVIDE 3/4" X 3/4" PVC TRIM AT ALL INSIDE CORNERS FOR SIDING TERMINATION.
2. PROVIDE MINERAL WOOL INSULATION AT THE HEAD AND JAMBS OF NEW WINDOW FRAMES. DO NOT INSTALL INSULATION AT SILL OR AT THE LOWER 1'-0" OF JAMBS TO ALLOW FOR WEEPING OF FRAMES.
3. PAINT EXISTING UNIT VENTILATOR GRILLES WHITE PRIOR TO REINSTALLATION, MATCHING SIDING/TRIMBOARDS.
4. PROVIDE NEW CONTINUOUS AIR/VAPOR MEMBRANE AT ALL NEW SIDING AND TRIMWORK. PROVIDE NEW MEMBRANE FLASHING AT ALL NEW WINDOW AND DOOR OPENINGS. MEMBRANE FLASHING TO OVERLAP AIR/VAPOR MEMBRANE.
5. PROVIDE NEW FIBER CEMENT SIDING AND PVC TRIMBOARDS AT ALL LOCATIONS OF EXISTING WOOD SIDING AND TRIMBOARDS, EXCEPT WHERE NOTED TO REMAIN ON DRAWINGS.
6. REFER TO DRAWING A210 FOR WINDOW TRIMWORK REQUIREMENTS.
7. PAINT ALL NEW & EXISTING INTERIOR WINDOW SILLS, CASING AND APRONS.
8. REINSTALL ALL LIGHT FIXTURES, ELECTRICAL DEVICES, FIRE ALARM DEVICES, GONG, FAUCETS, ETC. ON PVC PLINTH BLOCKS.
9. REPLACE EXISTING WOOD INTERIOR WINDOW TRIM AT LOCATIONS WHERE TRIM INTERFERES WITH PLACEMENT OF NEW WINDOW SYSTEM.
10. PROVIDE SOLID WOOD BLOCKING AT GAPS IN INTERIOR WOOD CASING THAT WILL BE COVERED WITH NEW WINDOW SNAP TRIM.

## ELEVATION KEY NOTES

NUMBER	DESCRIPTION
1	PROVIDE 1X6 PVC WATER TABLE
2	PROVIDE NEW SIDING AT SIDES OF ENTRANCE CANOPY - SCRAPE AND PAINT RAKE BOARD AND FASCIA.
3	PROVIDE FRAMED PVC PANEL AT LIGHT SCONCES AS SHOWN ON DRAWING A-551.
4	SCRAPE AND PAINT EXISTING LOUVER - PROVIDE NEW SEALANT AT PERIMETER.
5	SCRAPE AND PAINT EXISTING WOOD CORNICE AND TRIMWORK.
6	PROVIDE 1X12 PVC TRIM BOARD CUT TO FIT AREA ABOVE VESTIBULE
7	PROVIDE 1X8 PVC TRIM BOARD CUT TO FIT AREA BETWEEN STOREFRONT FRAME AND WALL
8	PROVIDE DRYER VENT AND HOSE KIT. MOUNT VENT ON 1X PVC TRIM BOARD ADJACENT TO WINDOW (3'-0" MINIMUM ABOVE GRADE MIN)
9	SCRAPE, PATCH, PREP, CLEAN AND PAINT EXISTING STUCCO.
10	PRIME AND PAINT EXISTING TRIMWORK AND MOLDING AT DOOR.
11	PROVIDE 1/2" PVC PANEL AND TRIMBOARD WITH RABBETTED BACK CUTS. PANEL LOCATIONS TO MATCH EXISTING. INSTALL PVC PANELS AND TRIM BOARDS OVER AIRVAPOR BARRIER. RUN AIR BARRIER CONTINUOUS INTO WINDOW FRAME.
12	WRAP WALL BUMP-OUT IN PVC 1X TRIMBOARDS.
13	REMOVE DOOR AND HARDWARE - FRAME TO REMAIN.
14	RESET AIR CONDITIONING UNIT ON EXISTING BRACKETS ANCHORED TO WALL.

NOTE: RAINWATER LEADERS NOT SHOWN FOR CLARITY. SEE DEMOLITION DRAWINGS FOR RWL LOCATIONS.

## KEY PLAN



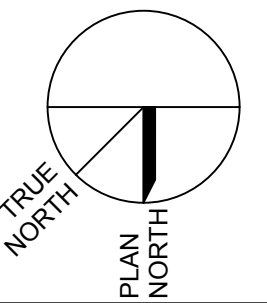
HABEEB & ASSOCIATES  
ARCHITECTS

H&A  
150 LOUQUATE ROAD  
NORWELL, MA 02061  
OFFICE: 781.871.9888  
FAX: 781.871.9885  
CELL: 781.871.9886

STAMP

CONSULTANT

NORTH ARROW



KEY PLAN

MSBA ACCELERATED REPAIR PROGRAM  
WINDOWS, DOORS & SIDING REPLACEMENT  
**HALIFAX ELEMENTARY SCHOOL**  
464 PLYMOUTH STREET HALIFAX, MA 02338

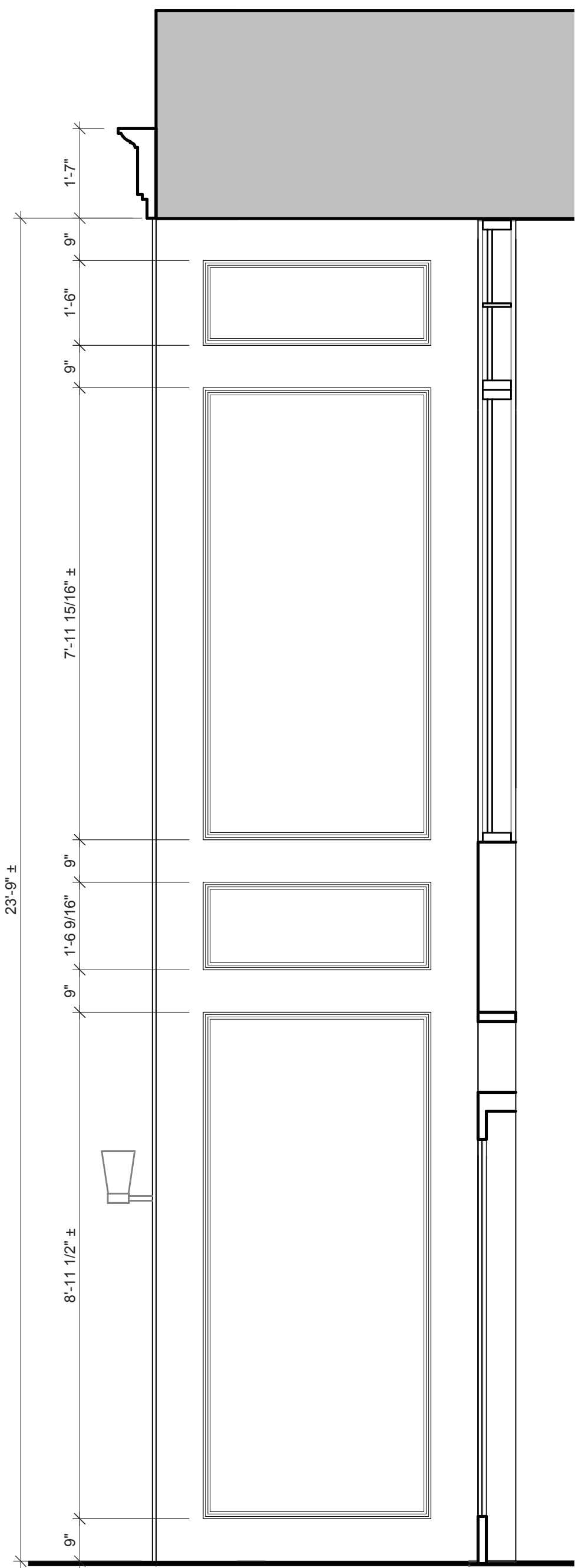
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1	REVISIONS	12/13/17	Author	
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	DOCUMENTS			
	ADDENDUM 1	12/21/17		

PROJECT NO: 1614.03  
DATE: 12/13/17  
SCALE: As indicated  
DRAWN BY: Author  
CHECKED BY: Checker

EXTERIOR  
ELEVATIONS

A-204

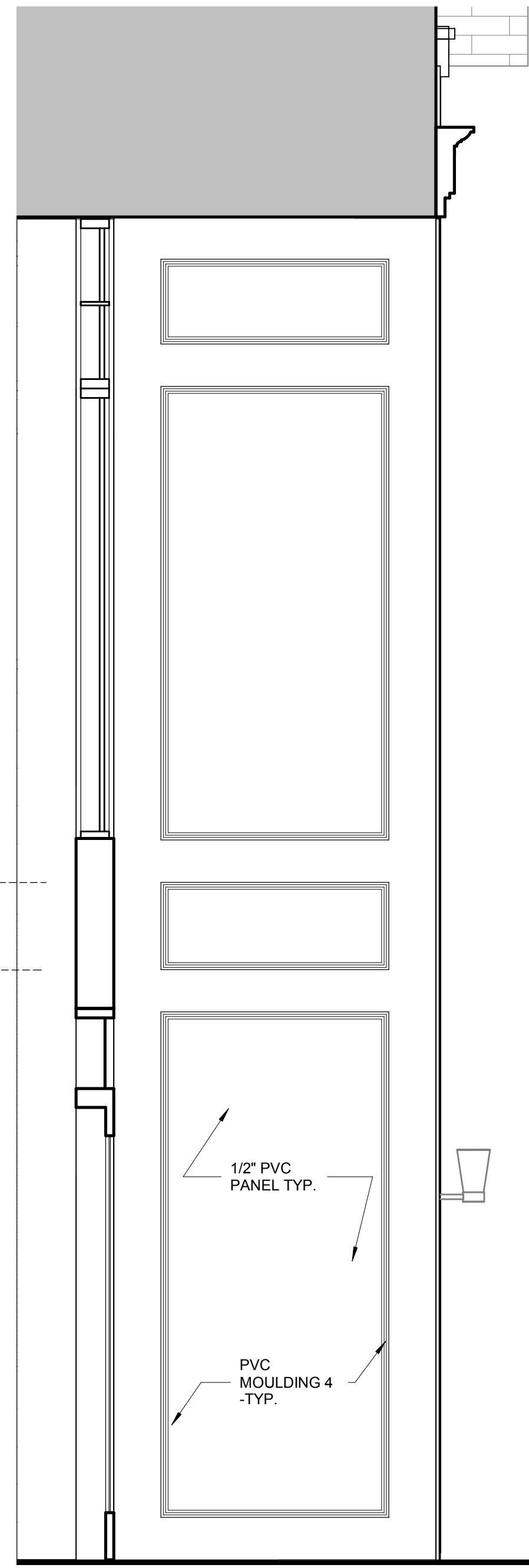
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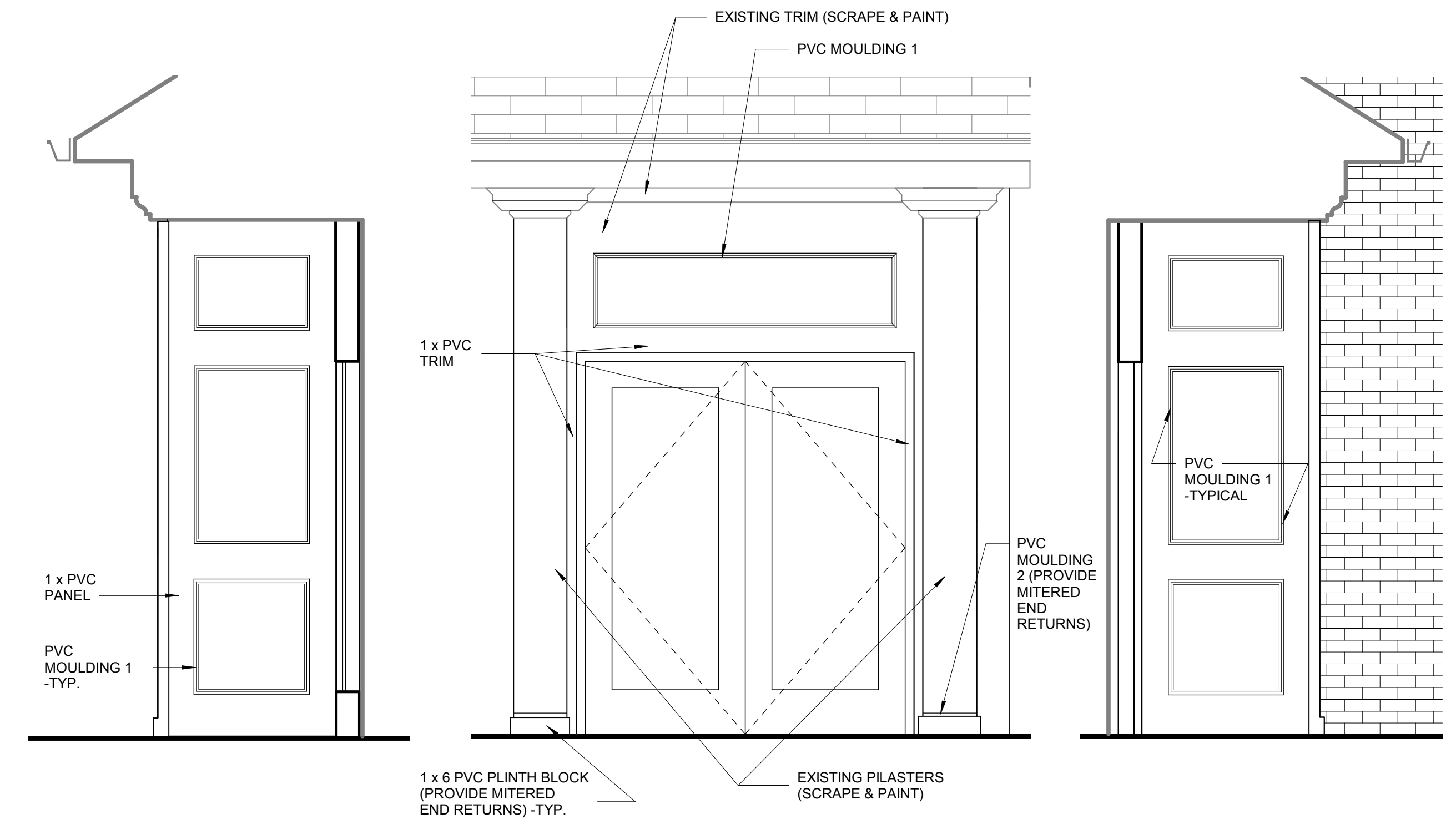
B1 GYMNASIUM ENTRANCE - SIDE 01  
1/2" = 1'-0"



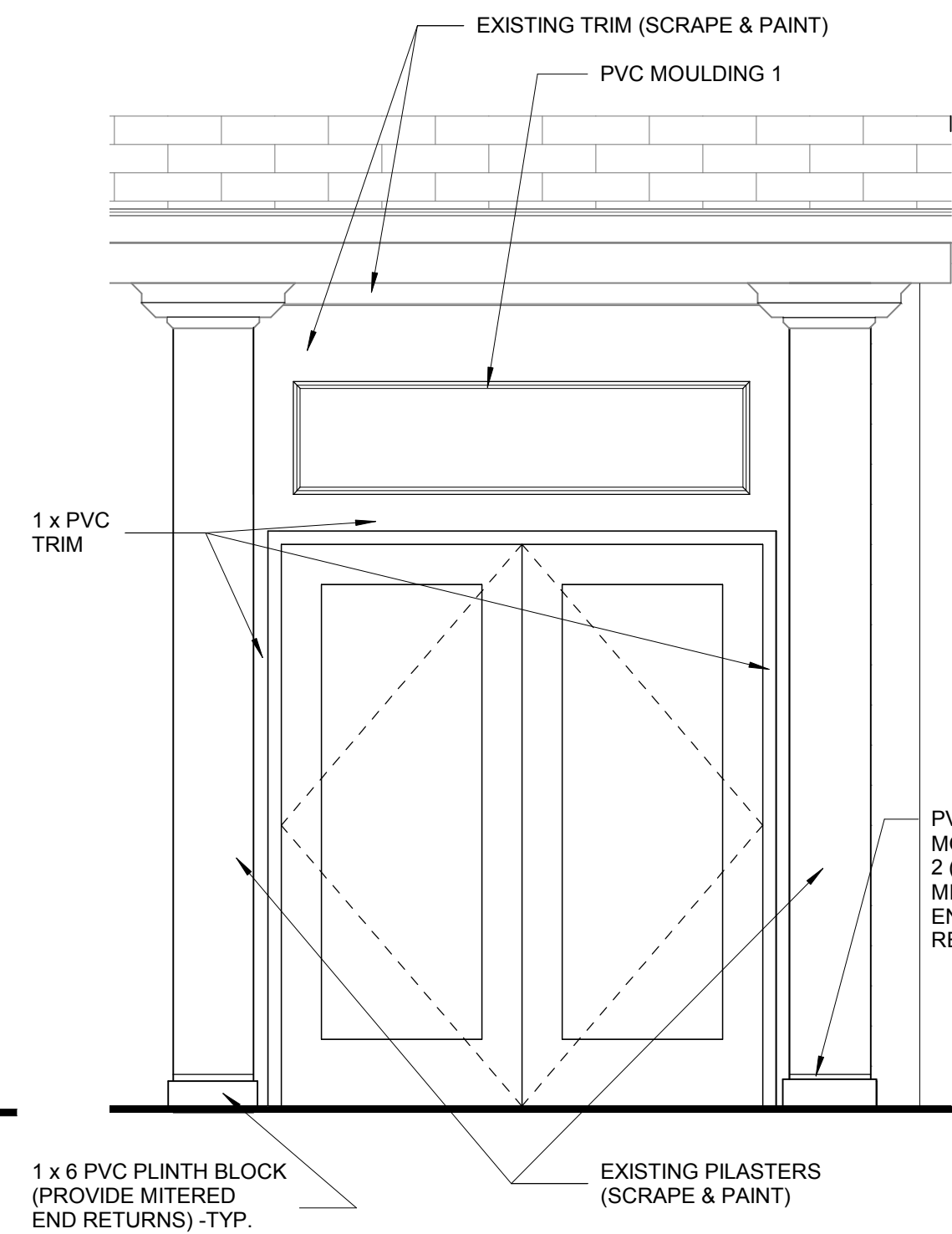
B2 GYMNASIUM ENTRANCE  
1/2" = 1'-0"



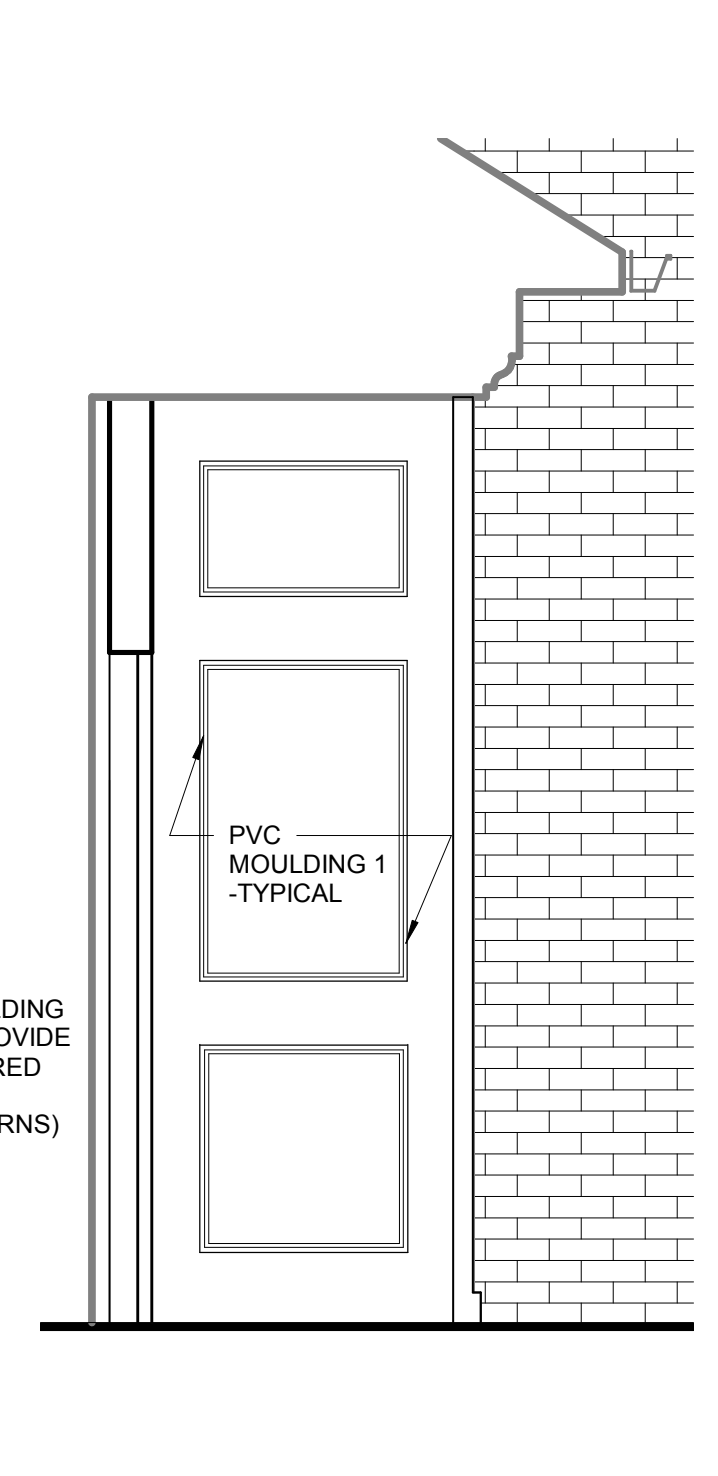
B3 GYMNASIUM ENTRANCE - SIDE 02  
1/2" = 1'-0"



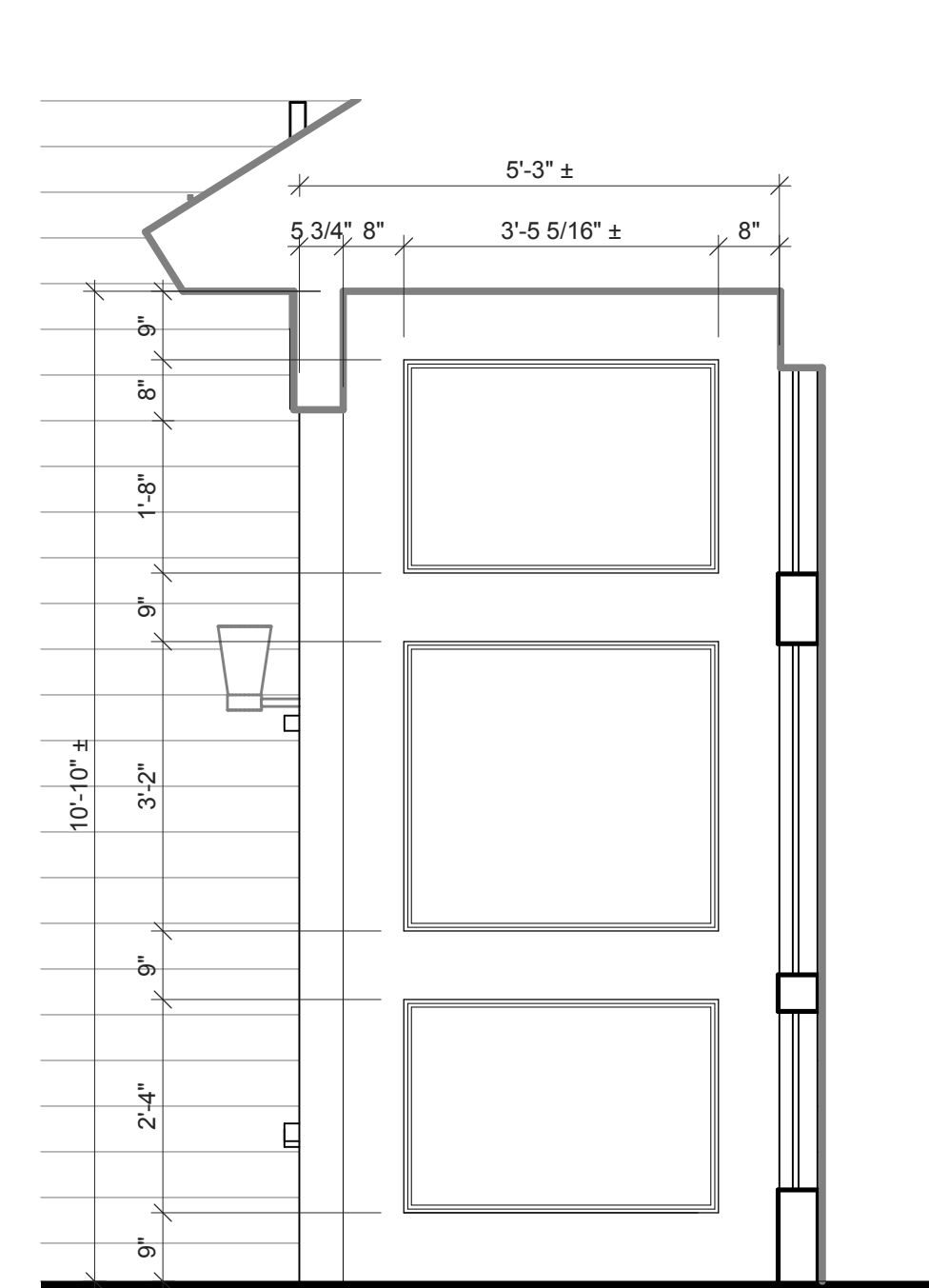
B4 DOOR 105 - SIDE 01  
1/2" = 1'-0"



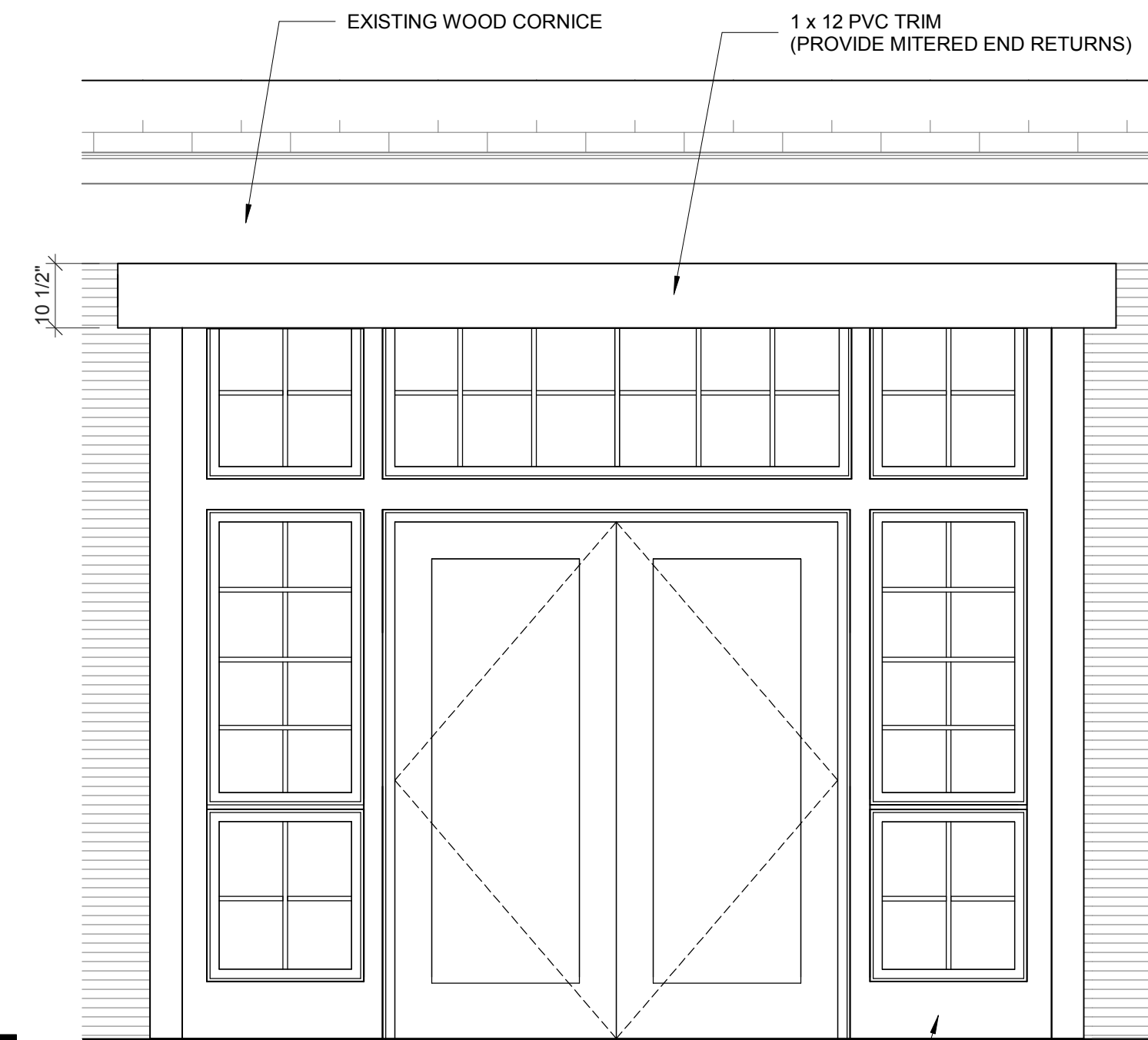
B5 DOOR 105 @ A25 - CORRIDOR  
1/2" = 1'-0"



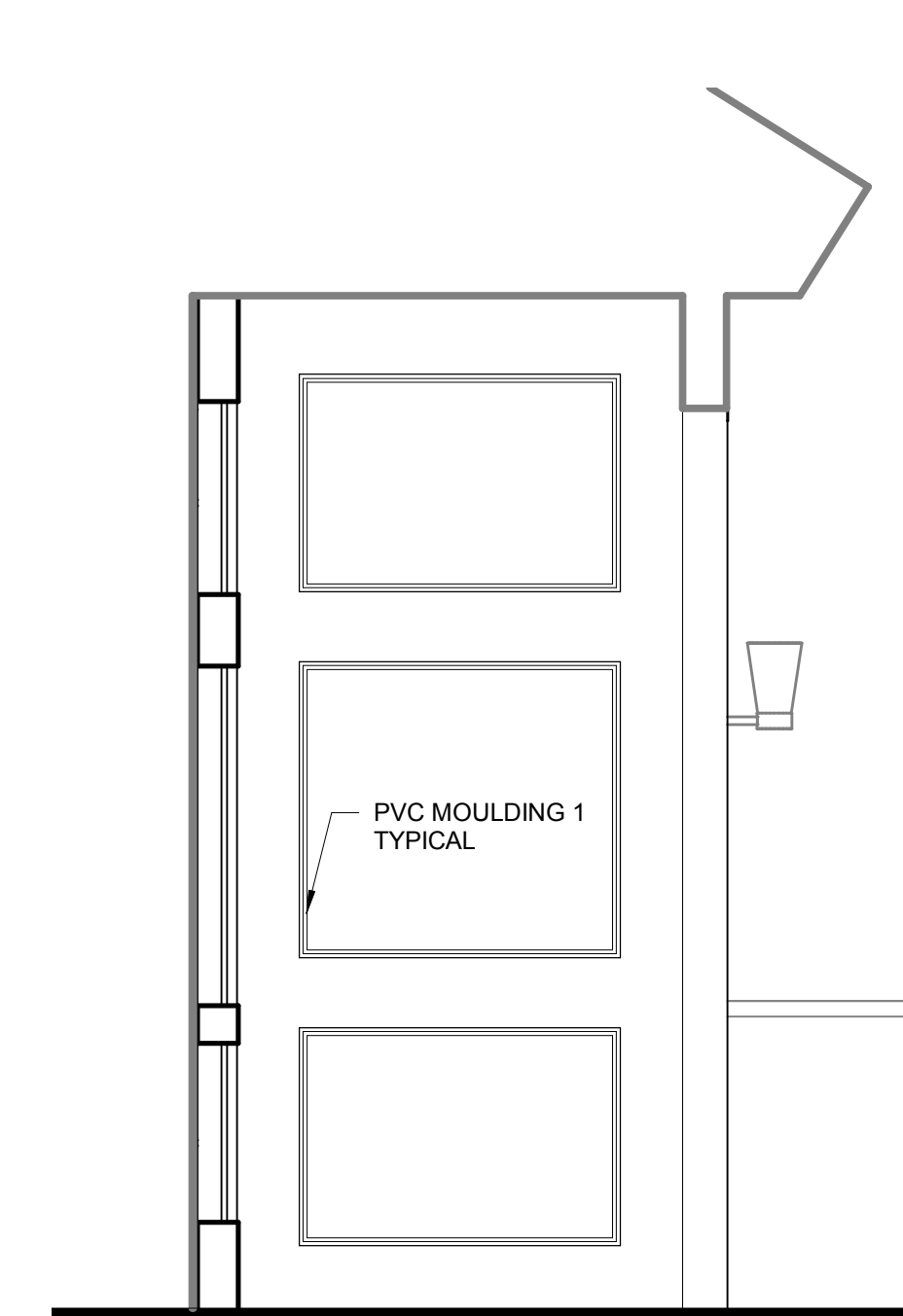
B6 DOOR 105 - SIDE 02  
1/2" = 1'-0"



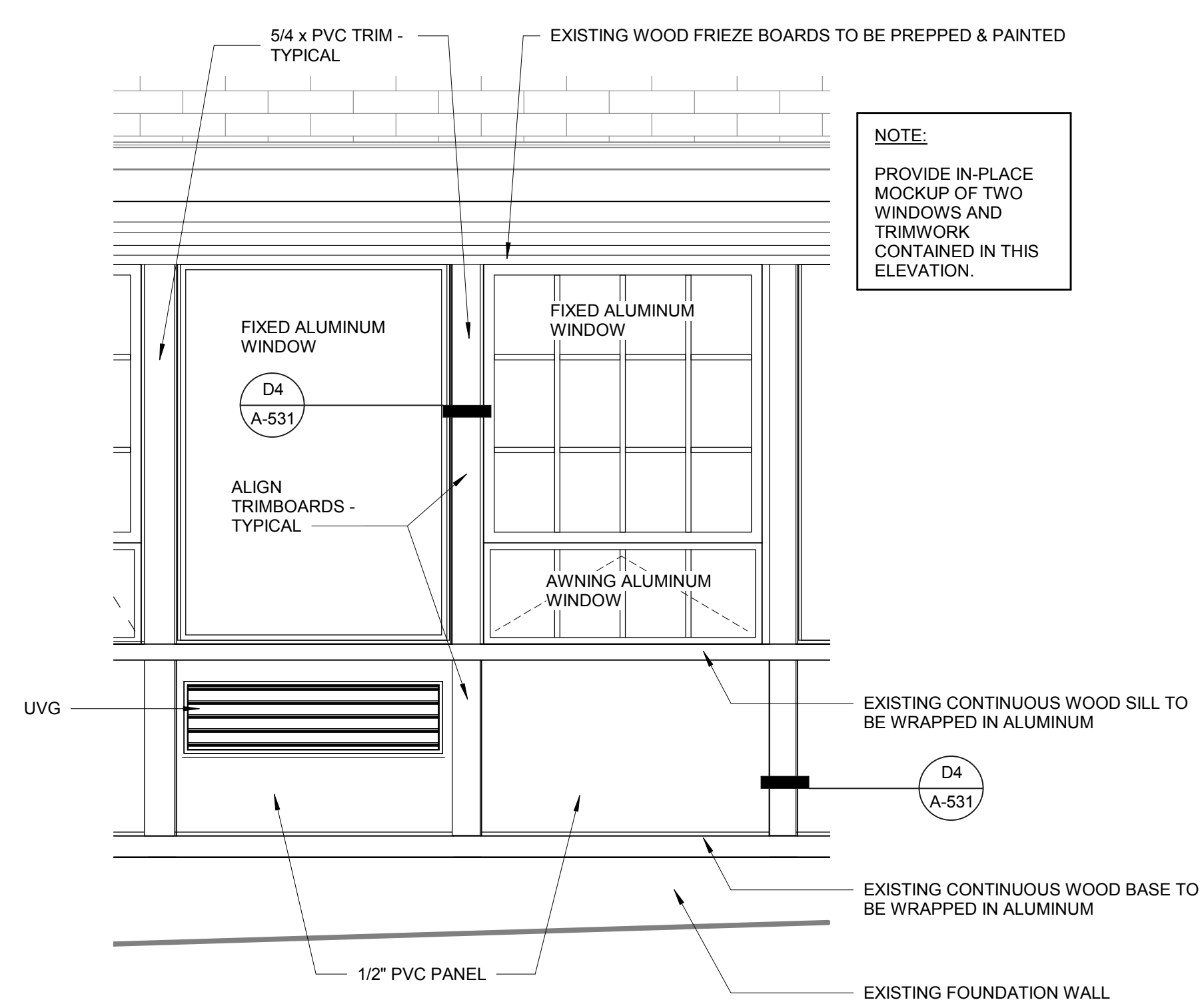
A1 GYMNASIUM LOBBY - SIDE 01  
1/2" = 1'-0"



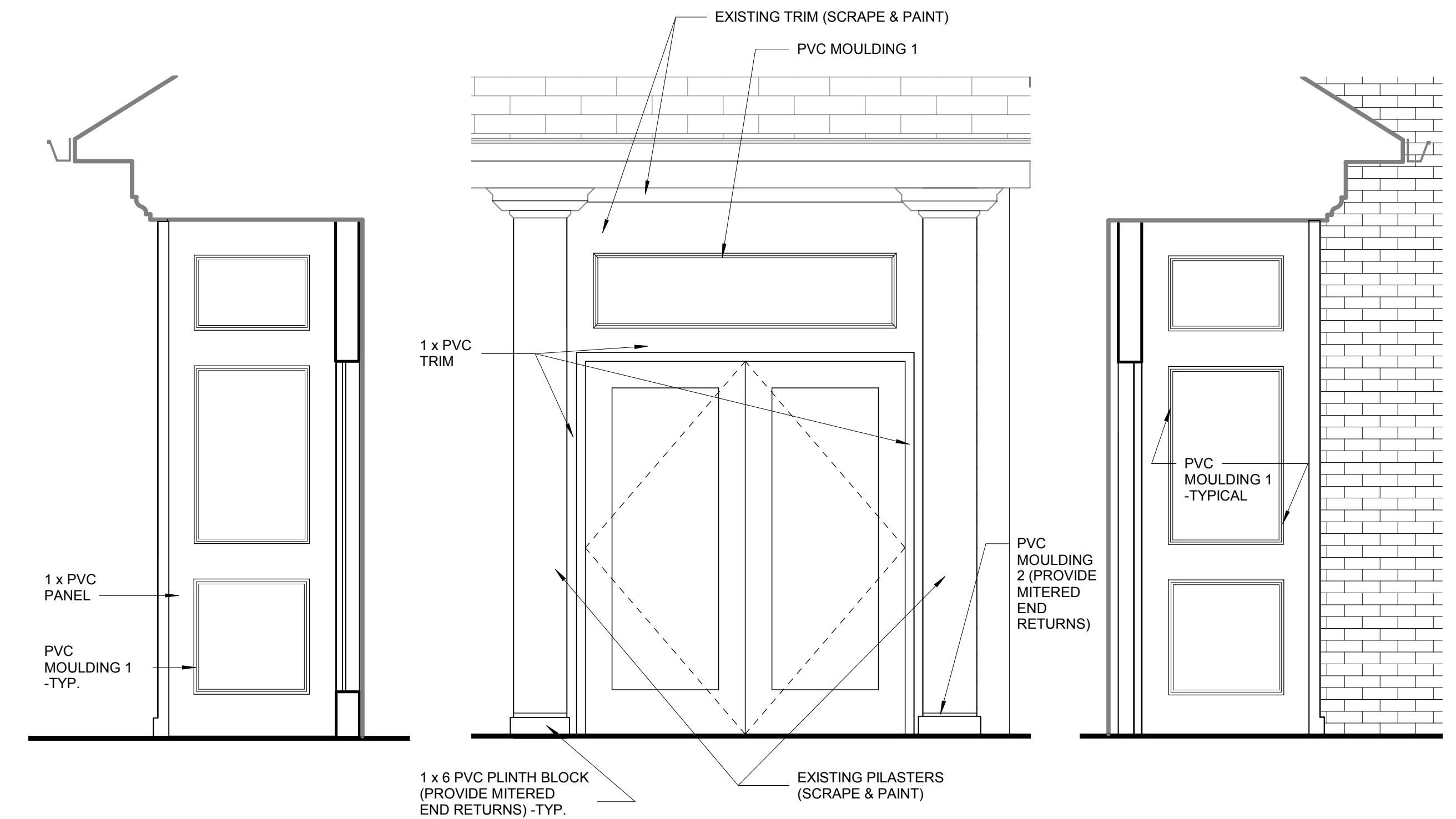
A2 GYMNASIUM LOBBY  
1/2" = 1'-0"



A3 GYMNASIUM LOBBY - SIDE 02  
1/2" = 1'-0"



A4 ART WINDOW (MOCKUP)  
1/2" = 1'-0"

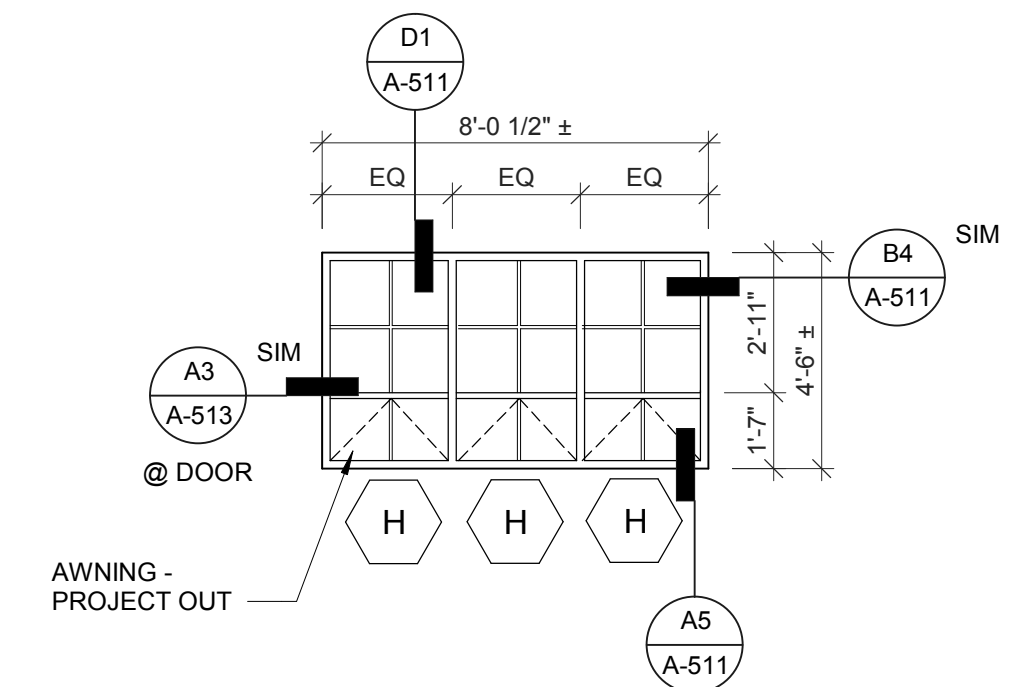


C4 CAFETERIA  
1/2" = 1'-0"

C5 TYPICAL WINDOW TRIM  
1/2" = 1'-0"

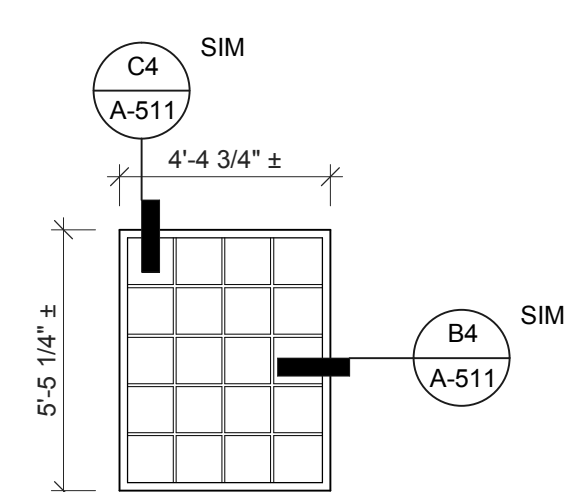
NOTE: REFER TO DRAWING A-511 FOR PVC MOULDING TYPES AND DIMENSIONS





The drawings show the storefront for various areas of the building. Each drawing includes dimensions for window heights, widths, and grid spacing. Labels indicate specific components and materials.

- Kindergarten:** Shows a storefront with three window units. Dimensions include 11'-7 1/4" ± total width and 5'-0" ± height. Labels include C4, C5, B5, A-511, C3, A-513, A5, and A-511.
- Administration:** Shows a storefront with three window units. Dimensions include 5'-4 1/8" ± and 3 1/2" grid spacing. Labels include C5, B5, B4, A-511, A4, A-511, C3, A-513, and A5.
- Classroom - Wing C - First Floor:** Shows a storefront with three window units. Dimensions include 8'-0 1/2" ± and 4'-7" height. Labels include D2, C5, B5, B4, A-511, A3, A-513, D3, A-511, and A4.
- Classroom - Wing C - Second Floor:** Shows a storefront with three window units. Dimensions include 8'-0 1/2" ± and 4'-7" height. Labels include C4, C5, B4, B5, A-511, A3, A-513, D3, A-511, and A5.
- Courtyard:** Shows a storefront with two window units. Dimensions include 8'-11 1/4" ± total width and 5'-9 1/4" ± height. Labels include M and A-511.
- Courtyard:** Shows a storefront with one window unit. Dimensions include 4'-3 3/4" ± width and 5'-9 1/4" ± height. Labels include N and A-511.



Technical drawings of the A-511 window unit, including front, side, and detail views with dimensions and callouts.

**Front View:** Shows a square unit with a 4'-4" ± width and 4'-6 1/4" ± height. The top section is labeled "FIXED PANEL". The bottom section is labeled "AWNING PROJECT OUT". Callouts include C4 (SIM), B4 (SIM), and A4 (SIM), all pointing to the A-511 unit.

**Side View:** Shows the unit's profile with a width of 3'-3 3/4" ± and a height of 1'-9" ±.

**Detail View (Left):** Shows a 4'-4 1/4" ± wide section with a 4'-3 1/4" ± height. The bottom section is labeled "AWNING PROJECT OUT". Callouts include D4 (SIM) and A-511.

**Detail View (Right):** Shows a 4'-4 1/4" ± wide section with a 6'-3 1/4" ± height. The bottom section is labeled "AWNING PROJECT OUT". Callouts include A3 (SIM) and A-512.

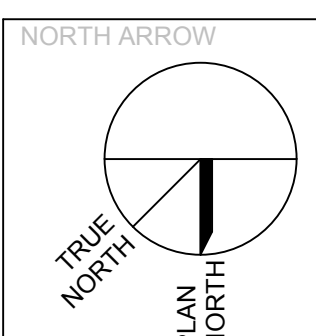
U JANITOR 1/4" = 1'-0" V KITCHEN 1/4" = 1'-0" W ART / MUSIC ROOM 1/4" = 1'-0" X ART / MUSIC ROOM 1/4" = 1'-0"

- WINDOW & DOOR NOTES:**
1. VERIFY ALL DIMENSIONS IN FIELD BEFORE START OF WORK.
  2. WINDOW MANUFACTURER TO SUPPLY DEEPER REINFORCED MULLION FOR WIND LOADING AT WINDOWS MARKED.
  3. SEE ELEVATIONS ON DRAWINGS A-201, A-202, A-203, & A-204 FOR OBSCURE FROSTED GLASS AND TINTED GLASS.
  4. PROVIDE REMOVABLE INTERIOR VERTICAL MULLIONS AT DOUBLE DOORS.
  5. PROVIDE INTERIOR WINDOW SCREENS AT ALL DOUBLE DOORS AND ALL WINDOW PANELS, AND EXTERIOR WINDOW SCREENS AT HOPPER (IN-SWING) WINDOW PANELS.
  6. PROVIDE 1" INSULATED TEMPERED GLASS AT ALL GLAZED OPENINGS INCLUDING DOORS.
  7. SIDE LIGHTS AND TRANSOMS - TYPICAL UNLESS OTHERWISE NOTED.
  8. WINDOW GRILLES (MUNTINS) TO BE INSTALLED BETWEEN THE GLAZING.
  9. PROVIDE WINDOW SNAP TRIM AT ALL WINDOW AND DOOR THRESHOLDS.
  10. PROVIDE 1" WIDE GRILL MUNTINS PANTED WHITE AT ALL WINDOW & STOREFRONT.

**H&A**  
50 LONGWATER DR  
NORWELL, MA 02061  
TEL: 781.871.9800  
OFFICE: 781.871.9804  
FAX: 781.871.9805  
habeebarch.com

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KEY PLAN

**MSBA ACCELERATED REPAIR PROGRAM  
WINDOWS, DOORS & SIDING REPLACEMENT**

**HALIFAX ELEMENTARY SCHOOL**

464 PLYMOUTH STREET      HALIFAX, MA, 02338

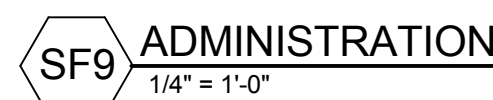
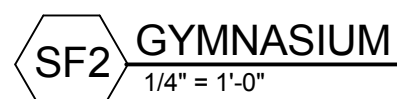
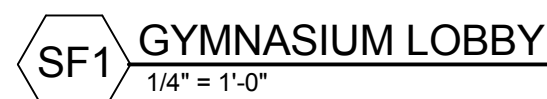
	MARK	DATE	REVISION
		12/13/17	CONSTRUCTION DOCUMENTS
3		1/5/18	COORDINATION

PROJECT NO:	1614.03
DATE:	12/13/17
SCALE:	1/4" = 1'-0"
DRAWN BY:	jas
CHECKED BY:	SB

## WINDOW TYPES - NEW

**A-501**

1/23/2018 11:12:49 AM



## FRAME TYPES



DOOR & FRAME SCHEDULE														
MARK	FROM ROOM		TO ROOM		DOOR				FRAME				SIGN No	COMMENTS
	No.	NAME	No.	NAME	WD	HT	THK	MATL	TYPE	MATL	TYPE	HARDWARE		
100	B154	LOBBY	-	EXTERIOR	6'-0"	7'-0"	1 3/4"	AL/GL	C	AL	SF8	HW-1	-	-
101	B154	LOBBY	-	EXTERIOR	6'-0"	7'-0"	1 3/4"	AL/GL	C	AL	SF8	HW-2	A2	EX. CARD READER
102	B155	KINDERGARTEN	-	EXTERIOR	2'-0"	7'-0"	1 3/4"	AL/GL	B	EX HM	-	HW-3	A1	-
103	B157	CAFETERIA	-	EXTERIOR	6'-0"	7'-0"	1 3/4"	AL/GL	E	AL	SF10	HW-1	A3	-
104	B109	KITCHEN	-	EXTERIOR	3'-0"	7'-0"	1 3/4"	FR/PAL	E	AL	F1	HW-4	A4	-
105	A125	CORRIDOR	-	EXTERIOR	6'-0"	7'-0"	1 3/4"	AL/GL	B	AL	F2	HW-2	A5	EX. CARD READER
106	A106	LOBBY	-	EXTERIOR	7'-0"	7'-0"	1 3/4"	AL/GL	C	AL	SF1	HW-2	A6	-
107	A103	GYMNASIUM	-	EXTERIOR	7'-0"	8'-0"	1 3/4"	AL/GL	C	AL	SF5	HW-1	A7	AUTOMATIC DOORS
108	A103	GYMNASIUM	-	EXTERIOR	7'-0"	8'-0"	1 3/4"	AL/GL	B	AL	SF5	HW-1	-	-
109	A103	GYMNASIUM	-	EXTERIOR	6'-0"	7'-0"	1 3/4"	AL/GL	C	AL	SF1	HW-1	B1	-
110	A001	GARAGE	-	EXTERIOR	3'-0"	7'-9"	1 3/4"	FR/PAL	A	AL	F1	HW-3	-	-
111	A001	GARAGE	-	EXTERIOR	7'-0"	8'-0"	1 1/2"	INSUL. MTL	D	MTL	-	-	-	OVERHEAD DOOR
112	A124	CORRIDOR	-	EXTERIOR	3'-0"	7'-0"	1 3/4"	AL/GL	B	AL	SF3A	HW-5	B2	EX. CARD READER
113	C106	CORRIDOR	-	EXTERIOR	6'-0"	7'-0"	1 3/4"	EX HM	B	EX HM	-	EX	B3	CLEAN & PAINT DOOR & FRAME
114	-	STAIR	-	EXTERIOR	3'-0"	7'-0"	1 3/4"	FR/PAL	A	EX HM	-	HW-6	B4	NEW CARD READER - CLEAN & PAINT
115	C110	CLASSROOM	-	EXTERIOR	3'-0"	7'-0"	1 3/4"	AL/GL	B	EX HM	-	HW-3	C1	CLEAN & PAINT FRAME
116	C111	CLASSROOM	-	EXTERIOR	2'-11"	7'-0"	1 3/4"	AL/GL	B	EX HM	-	HW-3	C2	CLEAN & PAINT FRAME
117	C114	CLASSROOM	-	EXTERIOR	2'-11"	7'-0"	1 3/4"	AL/GL	B	EX HM	-	HW-3	C3	CLEAN & PAINT FRAME
118	C115	SPEECH	-	EXTERIOR	2'-11"	7'-0"	1 3/4"	AL/GL	B	EX HM	-	HW-3	C4	CLEAN & PAINT FRAME
119	C118	MEDIA CENTER	-	EXTERIOR	2'-11"	7'-0"	1 3/4"	AL/GL	B	EX HM	-	HW-3	C5	CLEAN & PAINT FRAME
120	C118	MEDIA CENTER	-	EXTERIOR	2'-11"	7'-0"	1 3/4"	AL/GL	B	EX HM	-	HW-3	C6	CLEAN & PAINT FRAME
121	C120	OFFICE	-	EXTERIOR	2'-11"	7'-0"	1 3/4"	AL/GL	B	EX HM	-	HW-3	C7	CLEAN & PAINT FRAME
122	C125	CLASSROOM	-	EXTERIOR	2'-11"	7'-0"	1 3/4"	AL/GL	B	EX HM	-	HW-3	C8	CLEAN & PAINT FRAME
123	C128	CLASSROOM	-	EXTERIOR	2'-11"	7'-0"	1 3/4"	AL/GL	B	EX HM	-	HW-3	C9	CLEAN & PAINT FRAME
124	C130	CLASSROOM	-	EXTERIOR	2'-11"	7'-0"	1 3/4"	AL/GL	B	EX HM	-	HW-3	C10	CLEAN & PAINT FRAME
125	C138	STAIR	-	EXTERIOR	2'-11"	7'-0"	1 3/4"	FR/PAL	A	EX HM	-	HW-6	D1	NEW CARD READER, CLEAN & PAINT FRAME
126	B135	ADMINISTRATION	-	EXTERIOR	3'-0"	7'-0"	1 3/4"	AL/GL	B	EX HM	-	HW-3	D2	CLEAN & PAINT FRAME
127	B135	KINDERGARTEN	-	EXTERIOR	2'-11"	7'-0"	1 3/4"	AL/GL	B	EX HM	-	HW-7	D3	CLEAN & PAINT FRAME
128	B137	KINDERGARTEN	-	EXTERIOR	2'-11"	7'-0"	1 3/4"	AL/GL	B	EX HM	-	HW-7	D4	CLEAN & PAINT FRAME
129	B137	KINDERGARTEN	-	EXTERIOR	2'-11"	7'-0"	1 3/4"	AL/GL	B	EX HM	-	HW-7	D5	CLEAN & PAINT FRAME
130	B138	KINDERGARTEN	-	EXTERIOR	2'-11"	7'-0"	1 3/4"	AL/GL	B	EX HM	-	HW-7	D6	CLEAN & PAINT FRAME
131	B139	CORRIDOR	-	EXTERIOR	6'-0"	7'-0"	1 3/4"	AL/GL	C	AL	F2	HW-2	D7	NEW CARD READER
132	A125	CORRIDOR	-	COURTYARD	6'-0"	7'-0"	1 3/4"	AL/GL	C	EX HM	-	HW-8	-	NEW CARD READER, CLEAN & PAINT FRAME
133	A128	JANITOR OFFICE	-	COURTYARD	7'-0"	7'-0"	1 3/4"	AL/GL	B	EX HM	-	F1	-	PLUS SCREEN DOOR 133A
134	C108	CORRIDOR	-	EXTERIOR	6'-0"	7'-0"	1 3/4"	EX HM	B	EX HM	-	EX	-	CLEAN & PAINT DOOR & FRAME
135	-	CORRIDOR	-	COURTYARD	3'-0"	7'-0"	1 3/4"	AL/GL	B	EX HM	-	HW-3	-	CLEAN & PAINT FRAME
136	-	CORRIDOR	-	COURTYARD	3'-0"	7'-0"	1 3/4"	AL/GL	B	EX HM	-	HW-3	-	CLEAN & PAINT FRAME
137	A117	CLASSROOM	-	EXTERIOR	2'-11"	7'-0"	1 3/4"	EX HM	B	EX HM	-	EX	-	CLEAN & PAINT DOOR & FRAME
138	-	CLASSROOM	-	EXTERIOR	2'-11"	7'-0"	1 3/4"	EX HM	B	EX HM	-	EX	-	CLEAN & PAINT DOOR & FRAME
139	-	LIBRARY	B139	CORRIDOR	3'-0"	7'-0"	1 3/4"	EX WD	A	EX WD	F1	HW-11	-	NEW CARD READER AT BOTH SIDES OF EXISTING DOOR

1. SCREEN DOOR 133A TO BE ALUMINUM STORM DOOR WITH DOUBLE SEAL BOTTOM SWEEP, WEATHER STRIPPING, CLOSER WITH HOLD OPEN, HEAVY DUTY SCREEN STAINLESS STEEL, STAINLESS STEEL SCREWS, (NON REMOVABLE), SCREEN DOOR TO SWING TO EXTERIOR & ALUMINUM DOOR 133 TO SWING INTO THE BUILDING.
2. OVERHEAD DOOR TO BE SECTIONAL, PREFINISHED, INSULATED, 12 GAUGE, STEEL DOOR. MANUALLY OPERATED HEAVY DUTY TRACK AND HARDWARE MODEL 418 BY OVERHEAD DOOR OR APPROVED EQUAL.
3. VERIFY ALL DIMENSIONS IN FIELD.
4. ALL GLAZING TO BE TEMPERED.
5. PROVIDE NEW ELECTRIC OPERATOR FOR AUTOMATIC DOOR ENTRY SYSTEM ON DOOR 107.

REVISION		REVISIONS
MARK	DATE	
	12/13/17	CONSTRUCTION DOCUMENTS
1	12/21/17	ADDENDUM 1

PROJECT NO:	1614.03
DATE:	12/13/17
SCALE:	1/4" = 1'-0"
DRAWN BY:	jas
CHECKED BY:	SB

### STOREFRONT - DOOR TYPES & DOOR SCHEDULE

# A-502

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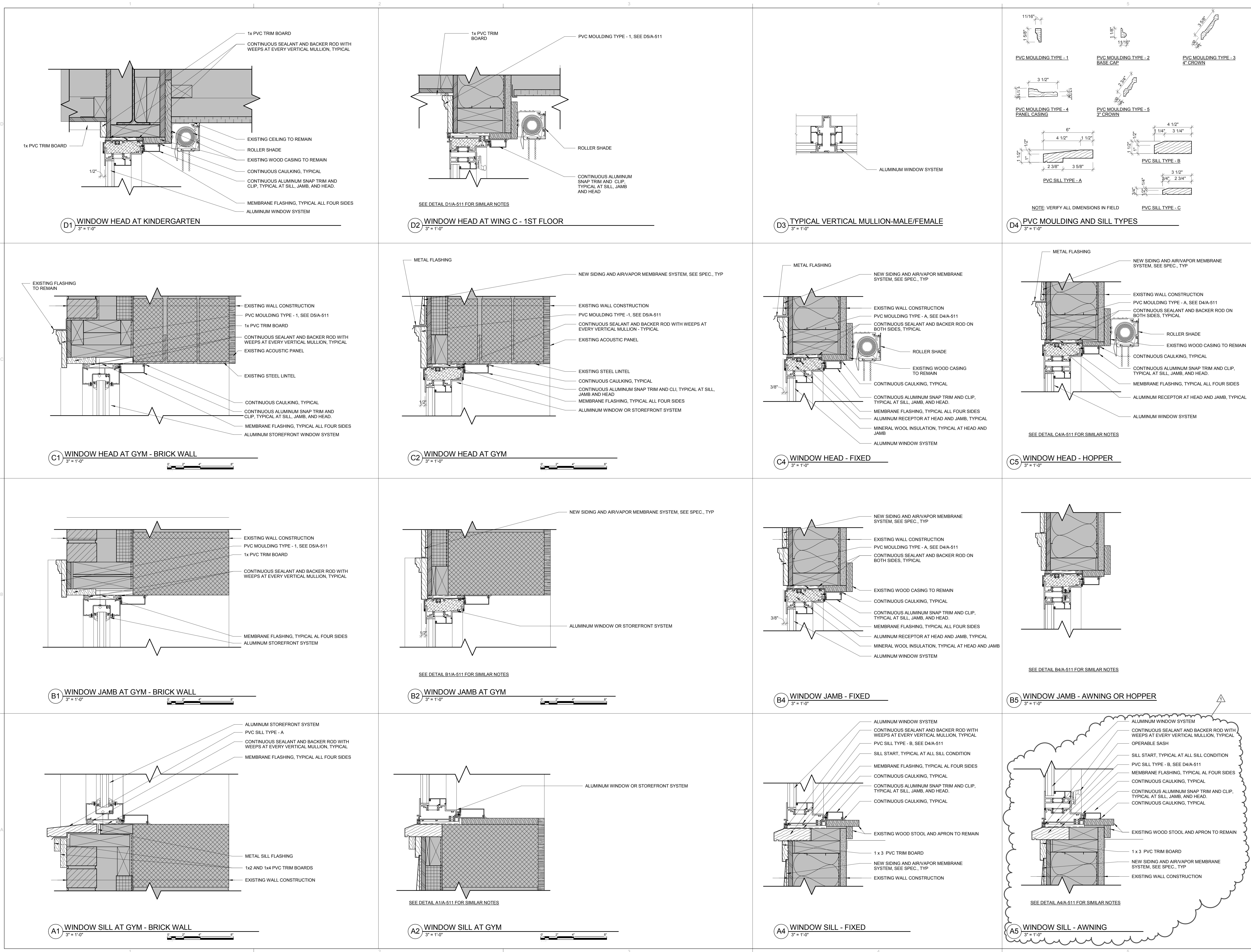
KEY PLAN

MSBA ACCELERATED REPAIR PROGRAM  
WINDOWS, DOORS & SIDING REPLACEMENT

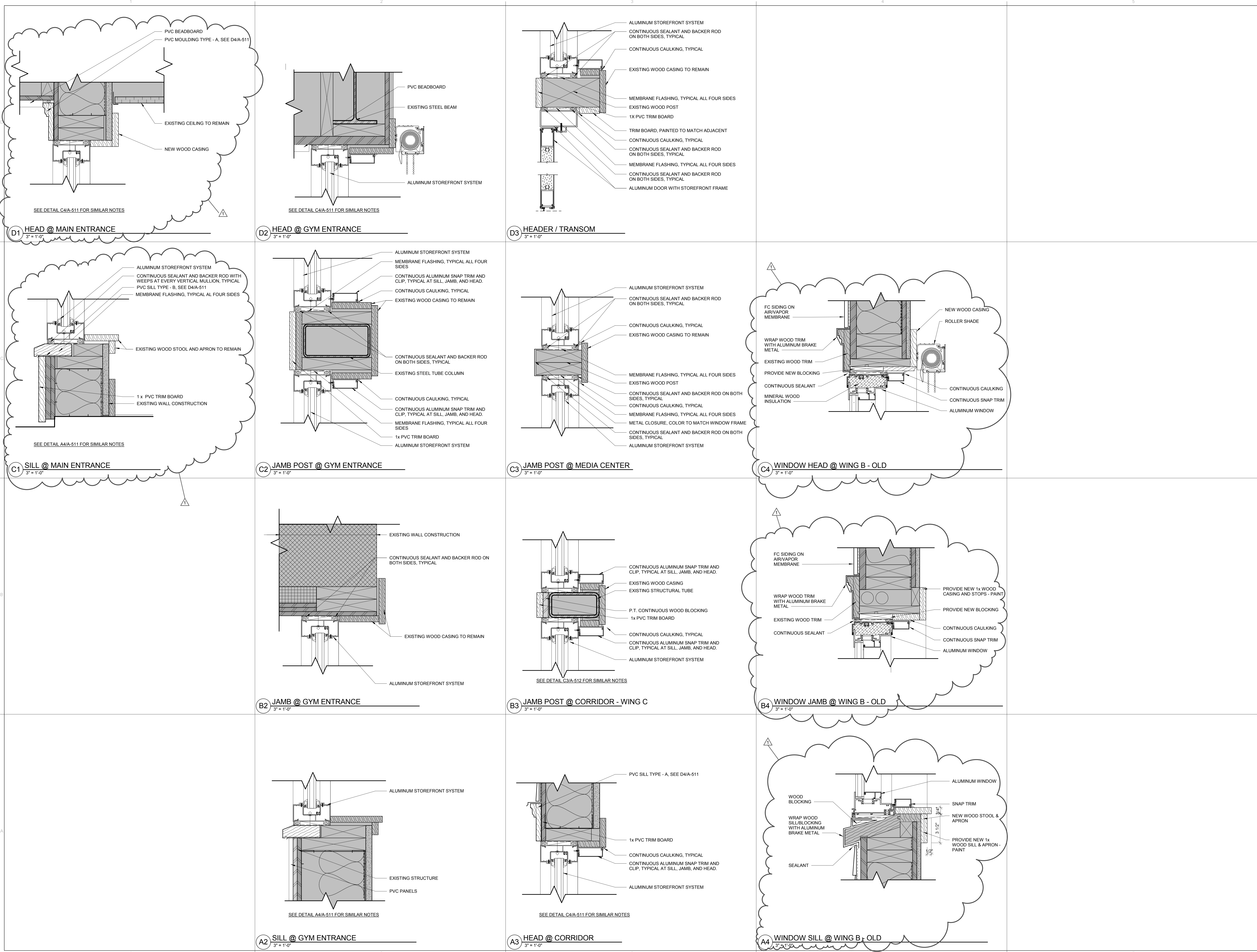
**HALIFAX ELEMENTARY SCHOOL**

464 PLYMOUTH STREET    HALIFAX, MA, 02338









HABEEB & ASSOCIATES

ARCHITECTS

H&A

150 LOUWATER ST.

NORWELL, MA 02061

OFFICE: 781.871.1884

FAX: 781.871.1885

info@habeeb.com

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CONSULTANT

NORTH ARROW

KEY PLAN

MSBA ACCELERATED REPAIR PROGRAM

WINDOWS, DOORS & SIDING REPLACEMENT

**HALIFAX ELEMENTARY SCHOOL**

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MARK	REVISION	DATE
	CONSTRUCTION DOCUMENTS	
1	ADDENDUM 1	

PROJECT NO: 1614.03

DATE: 12/13/17

SCALE: 3" = 1'-0"

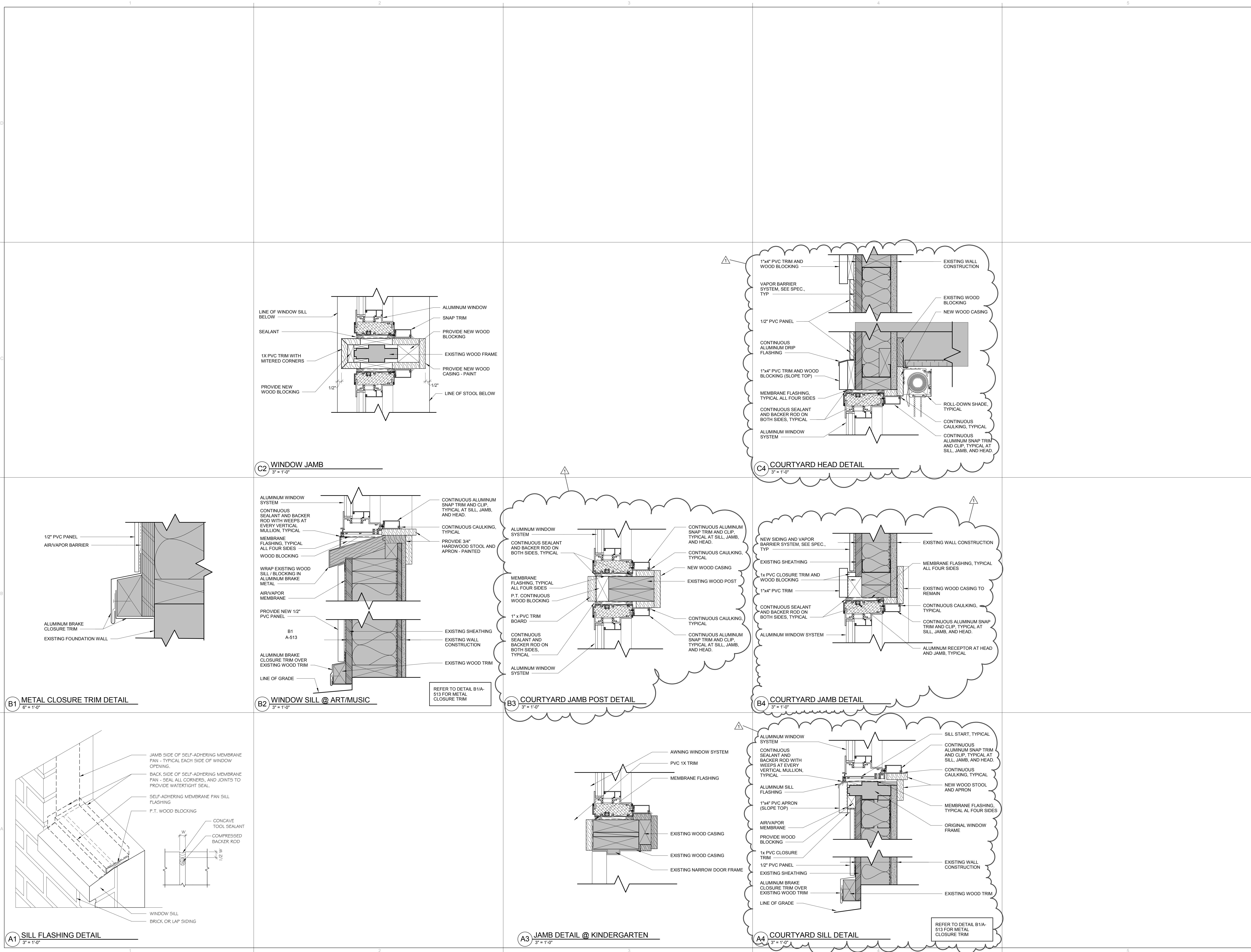
DRAWN BY: Author

CHECKED BY: Checker

WINDOW & STOREFRONT DETAILS

**A-512**

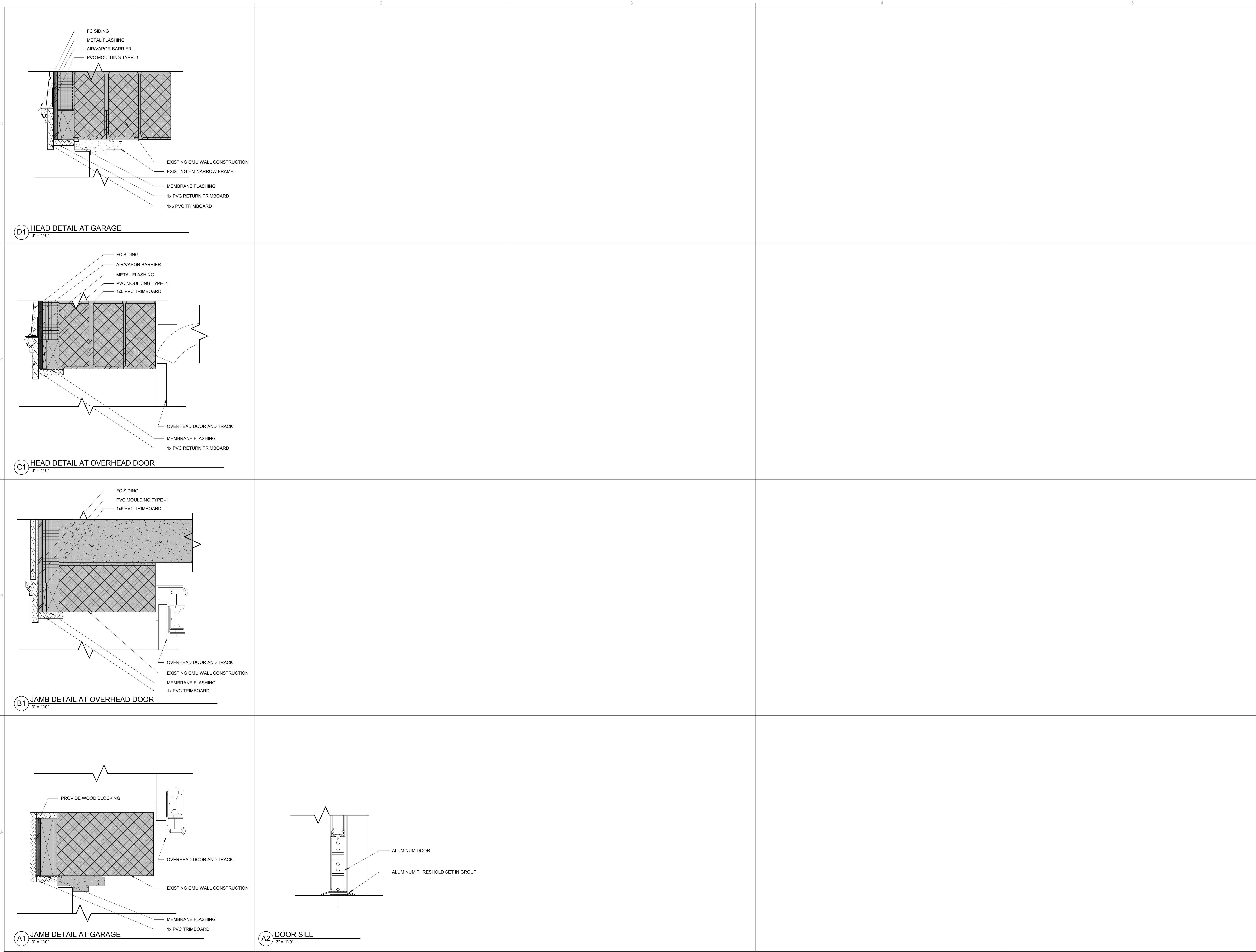
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MARK	REVISION	DATE	BY	APP'D
	1	12/13/17	Author	
	2	12/21/17	Checker	
	3			
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PROJECT NO: 1614.03  
DATE: 12/13/17  
SCALE: As indicated  
DRAWN BY: Author  
CHECKED BY: Checker  
**WINDOW DETAILS**





HABEEB & ASSOCIATES

A R C H I T E C T S

H&A

150 LOEWENTHAL  
AVENUE  
NORWELL, MA 02061  
OFFICE: 781.871.8888  
FAX: 781.871.8885  
info@habeeb.com

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WINDOWS, DOORS & SIDING REPLACEMENT

**HALIFAX ELEMENTARY SCHOOL**  
464 PLYMOUTH STREET    HALIFAX, MA, 02338

MARK	REVISION	DATE	REVISIONS
	1	12/13/17	CONSTRUCTION DOCUMENTS

PROJECT NO: 1614.03

DATE: 12/13/17

SCALE: 3" = 1'-0"

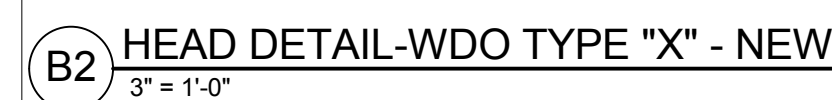
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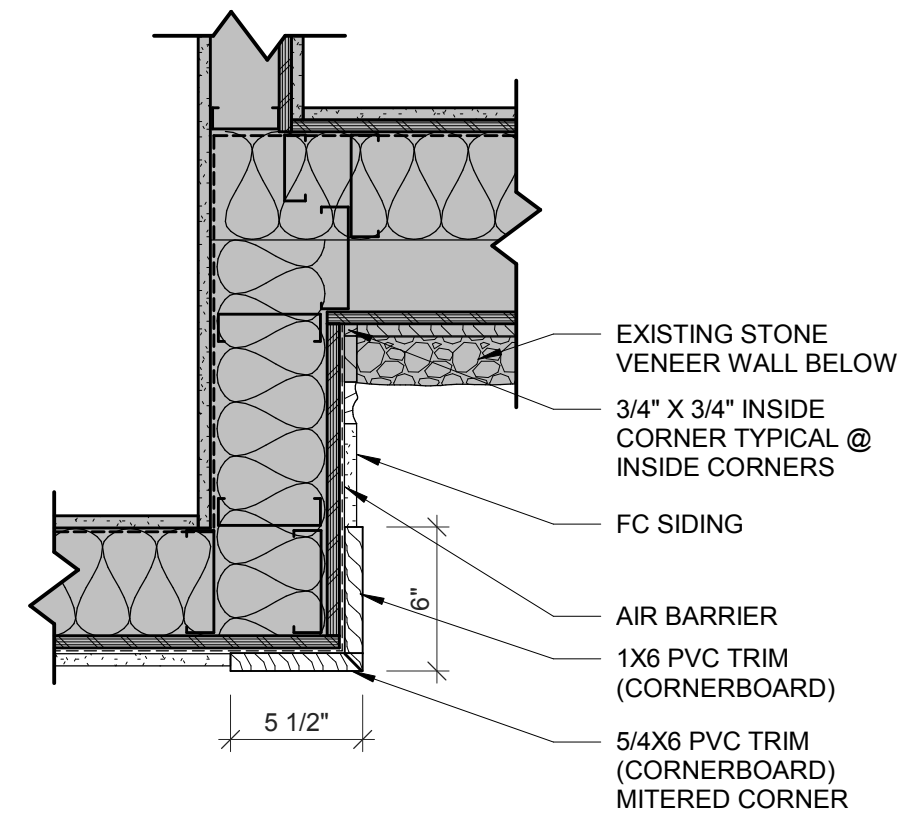
DOOR DETAILS

A-521

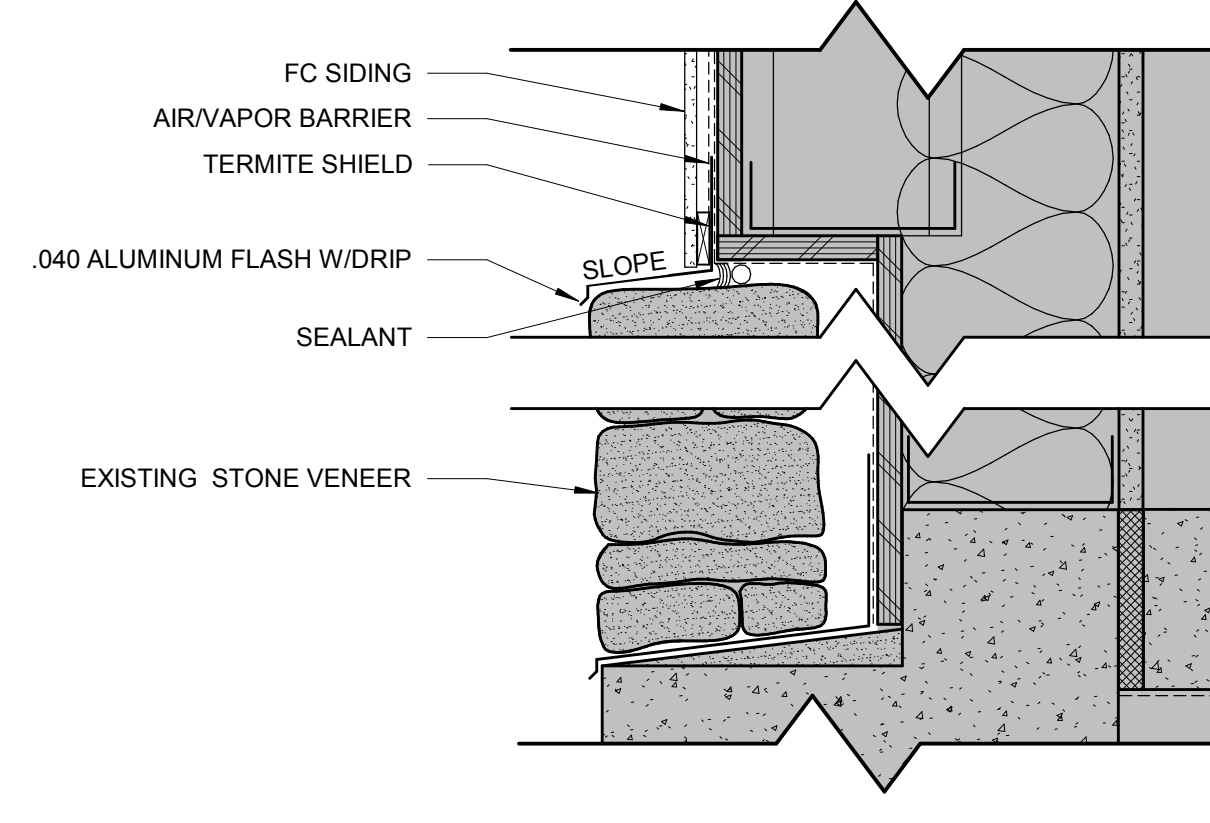
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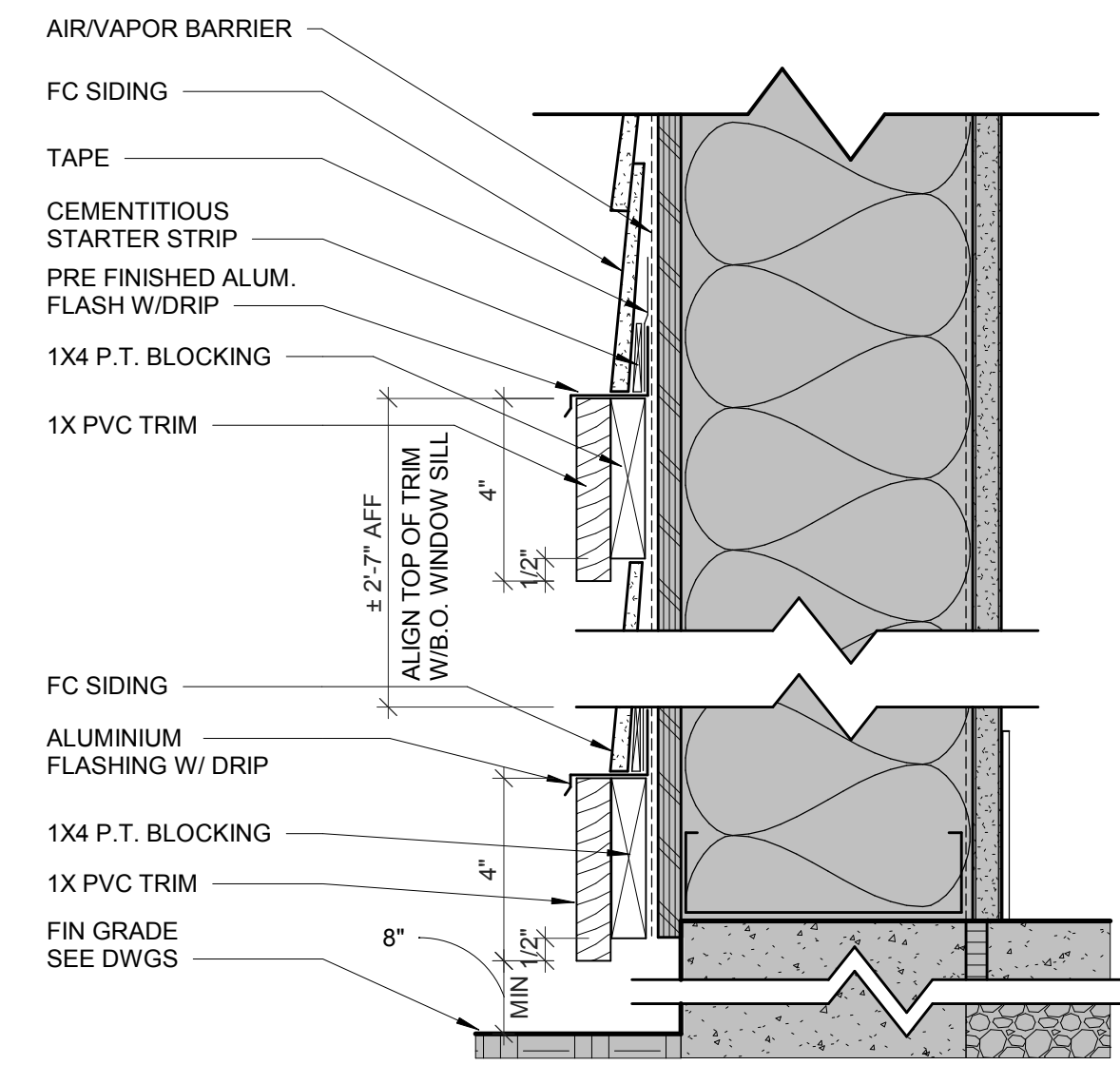




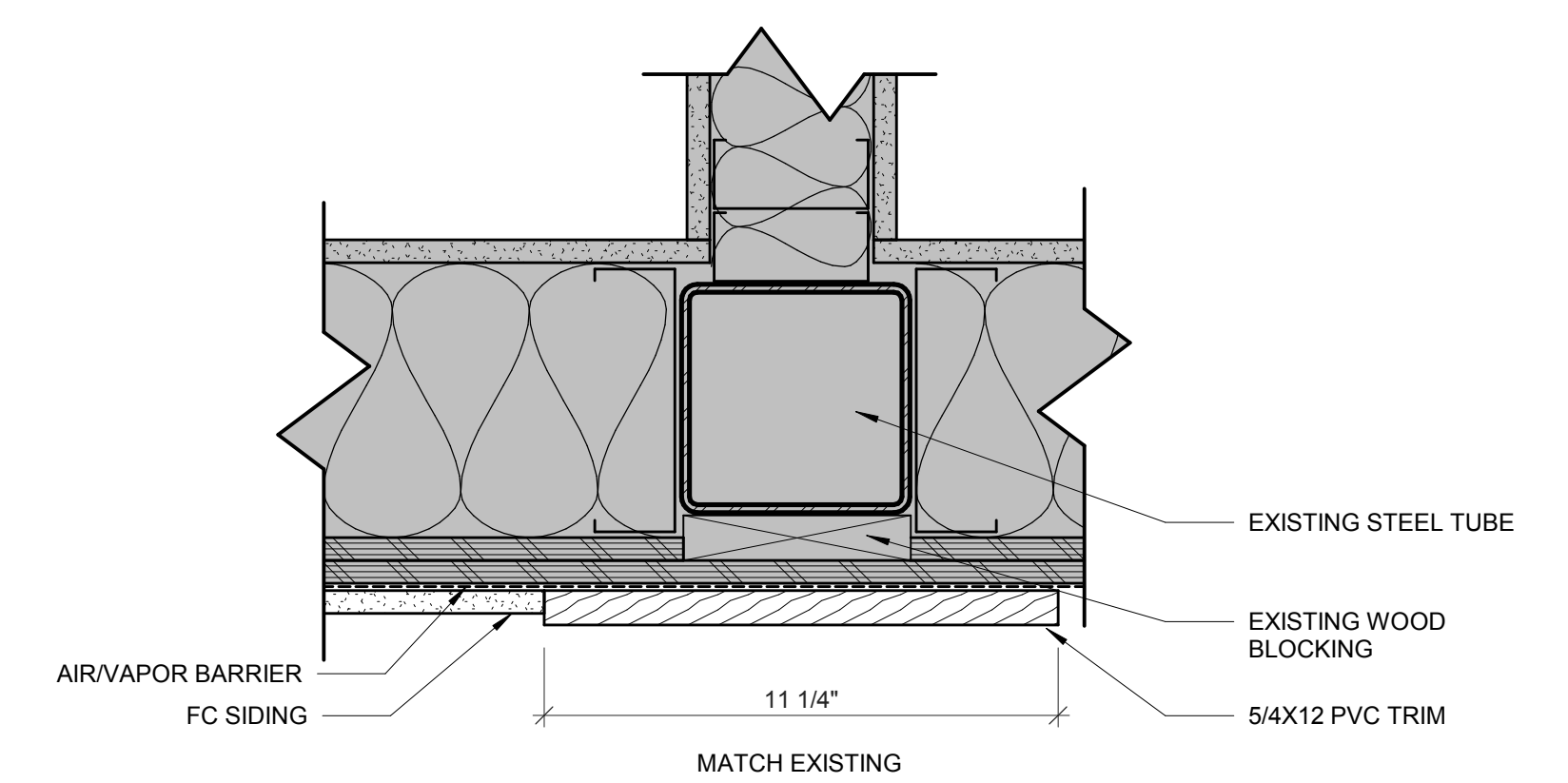
D1 FIELDSTONE VENEER CORNER DETAIL  
1 1/2" = 1'-0"



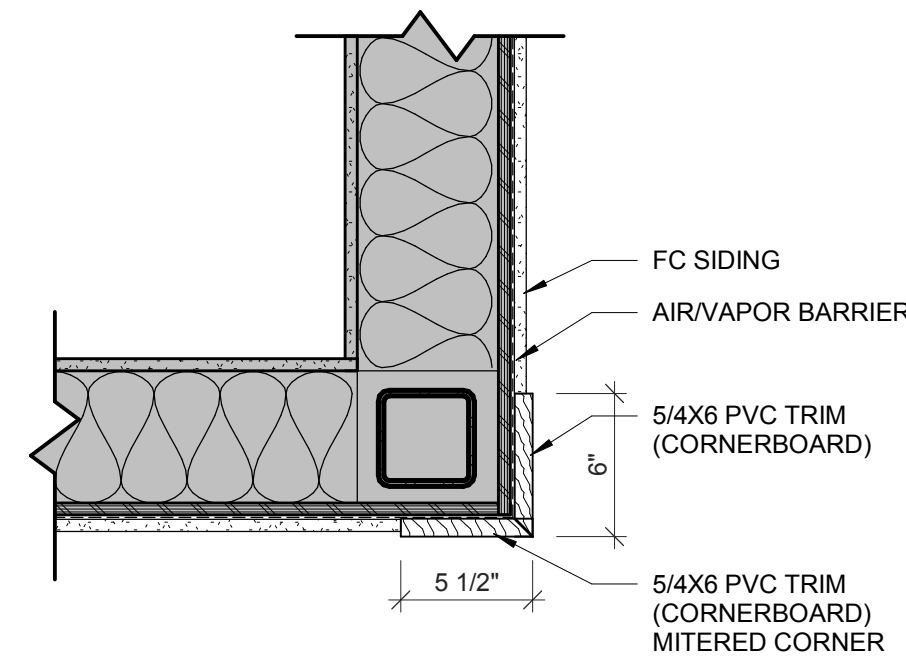
D2 FIELDSTONE VENEER SECTION DETAIL  
3" = 1'-0"



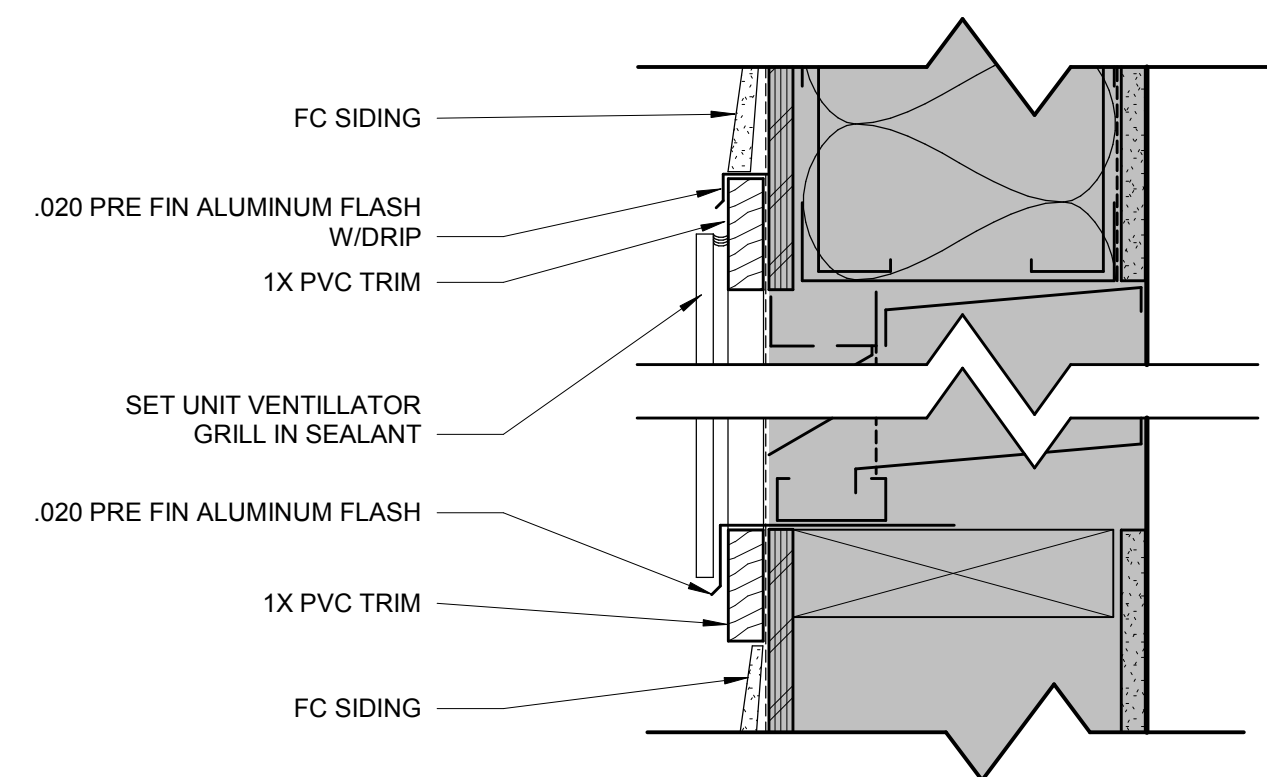
D3 MDO PANEL @ EXTERIOR CLAPBOARD WALL  
3" = 1'-0"



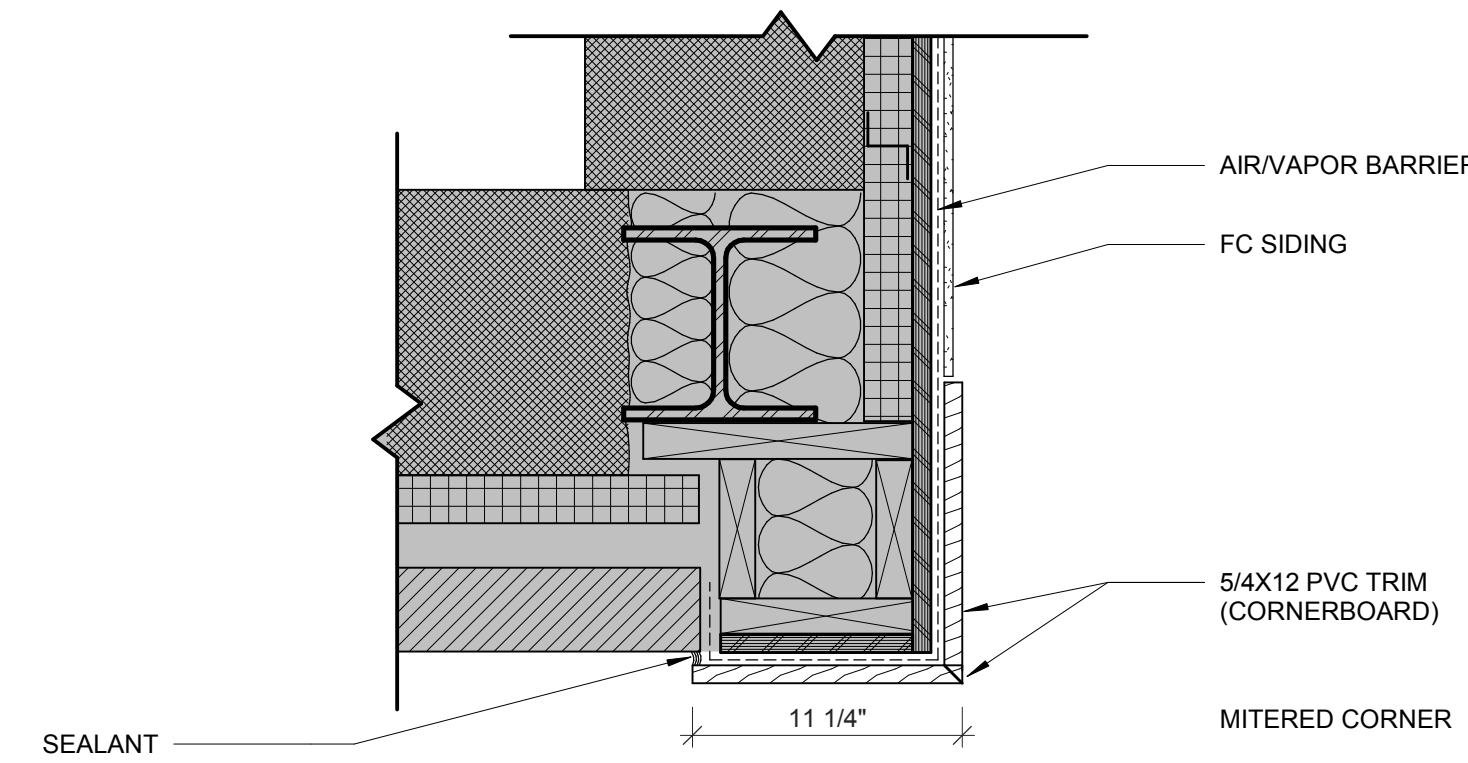
D4 PILASTER DETAIL  
3" = 1'-0"



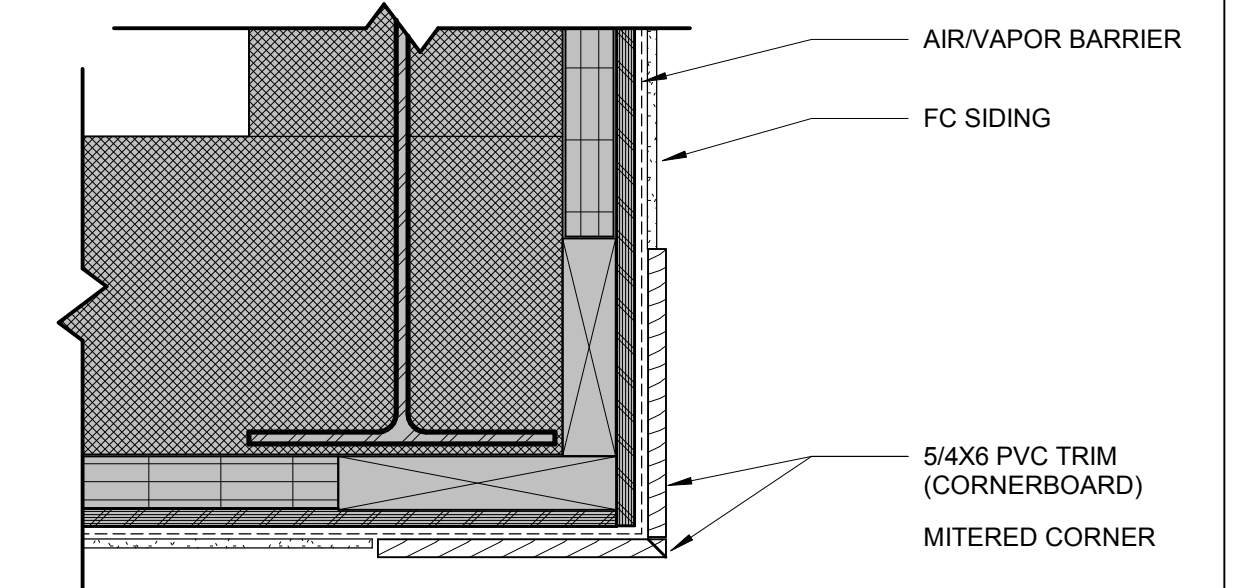
C1 CLAPBOARD TO CLAPBOARD CORNER BOARD DETAIL  
1 1/2" = 1'-0"



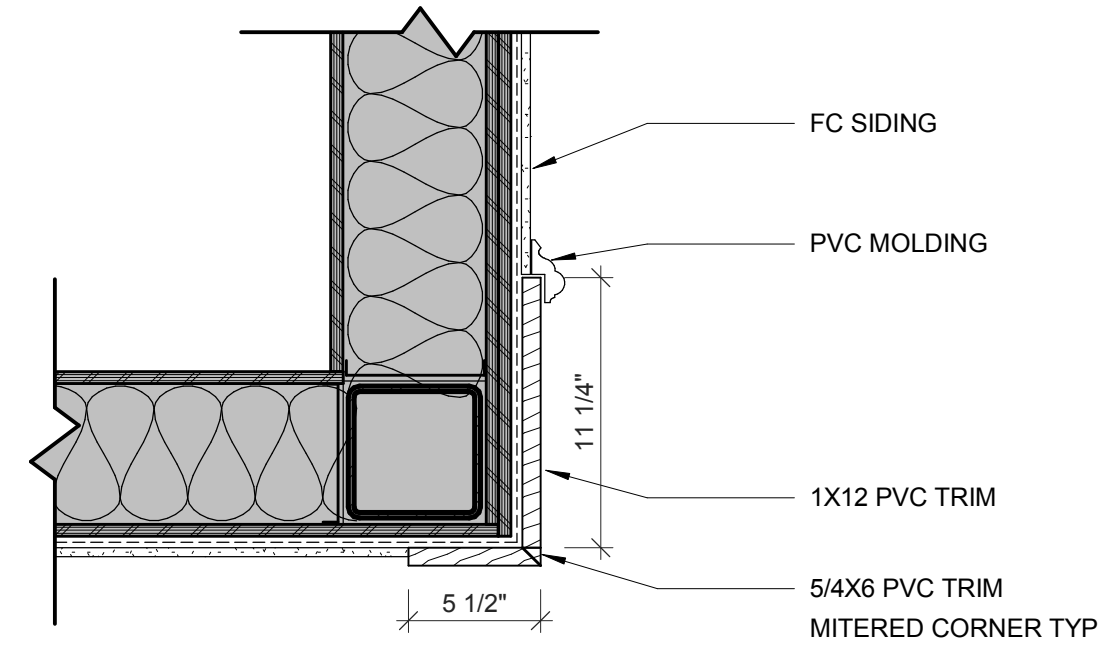
C2 UNIT VENTILATOR GRILL DETAIL 1  
3" = 1'-0"



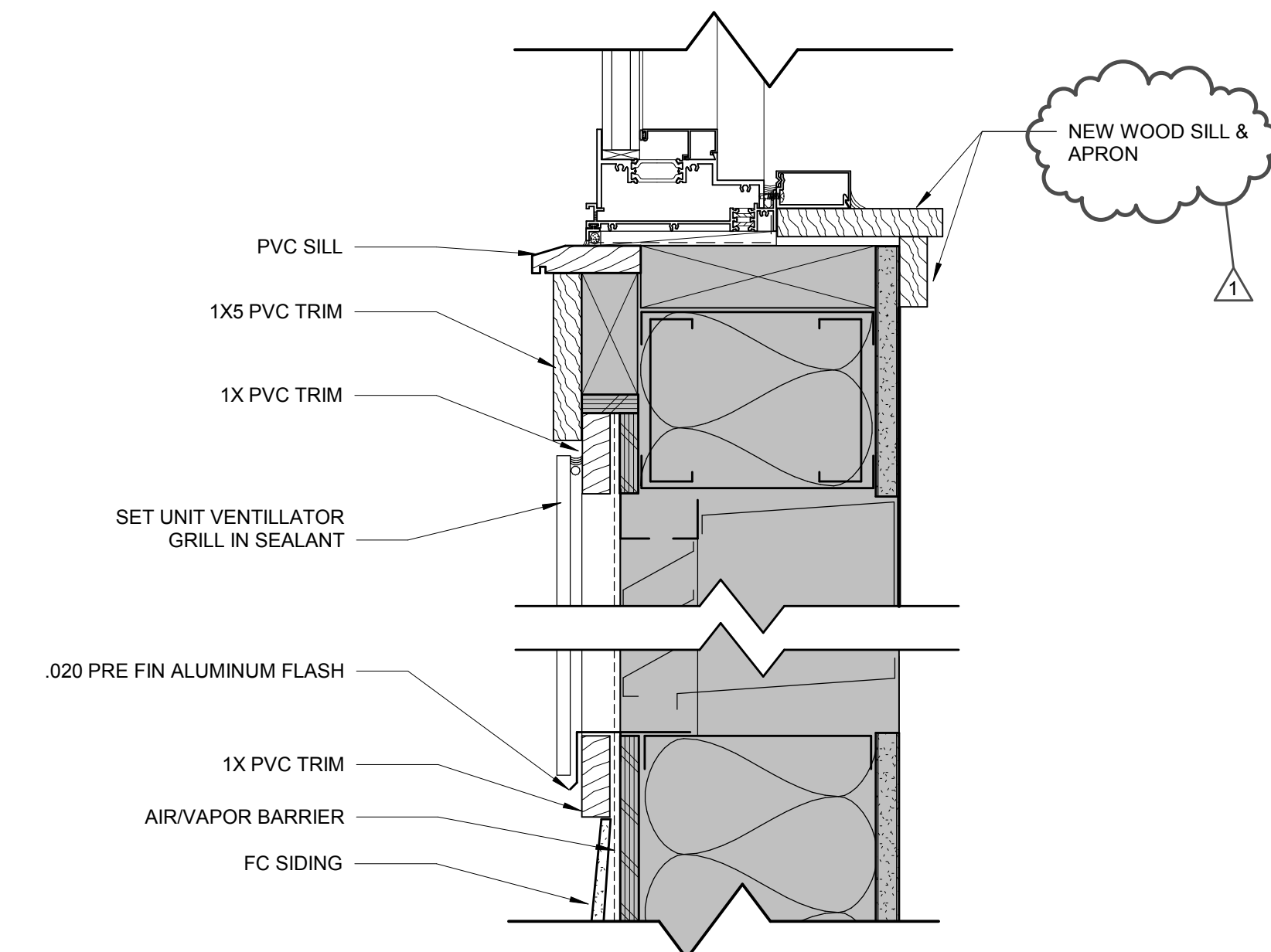
C3 BRICK TO CLAPBOARD OUTSIDE CORNER @ GYM  
1 1/2" = 1'-0"



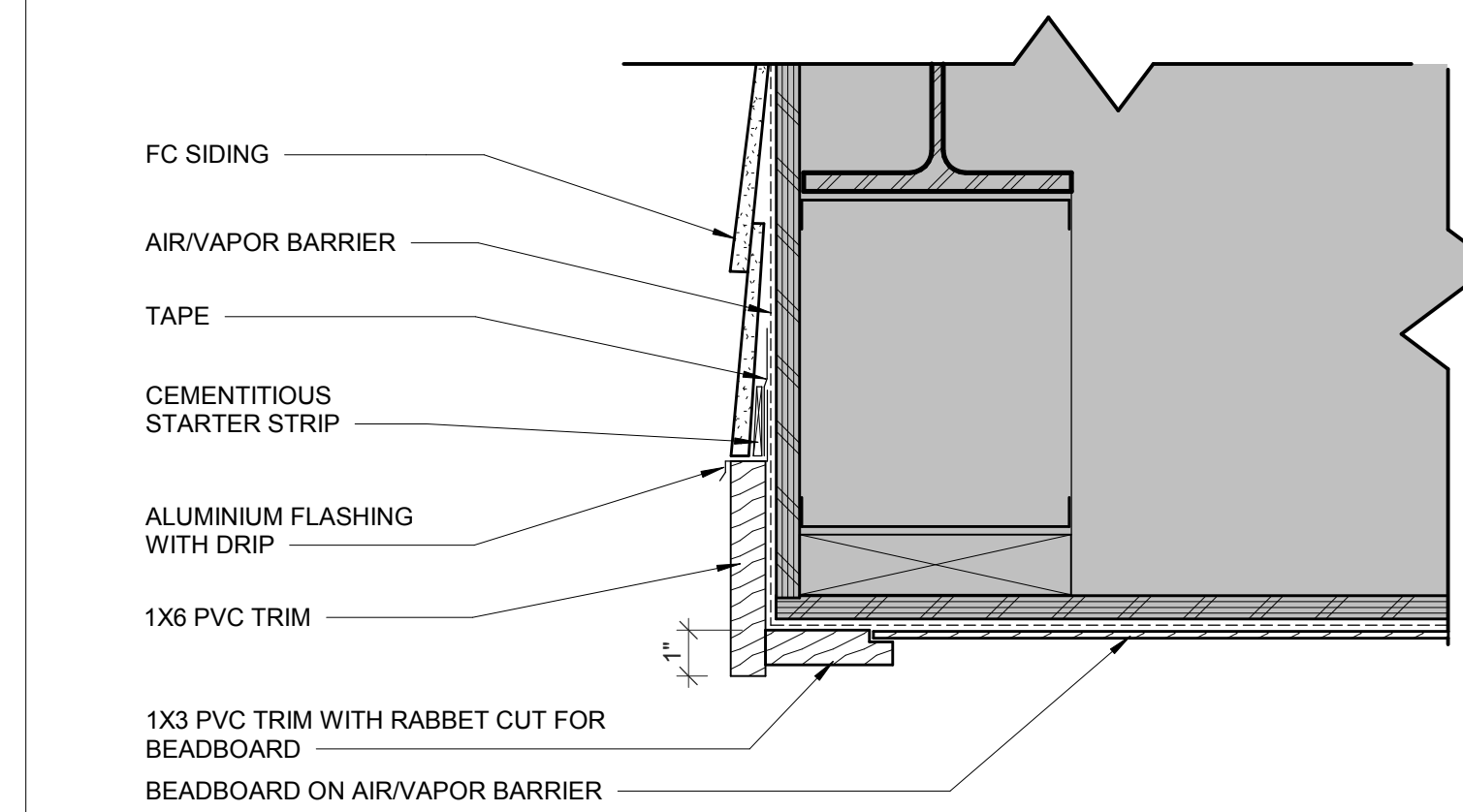
C4 CLAPBOARD TO CLAPBOARD OUTSIDE CORNER @ GYM  
1 1/2" = 1'-0"



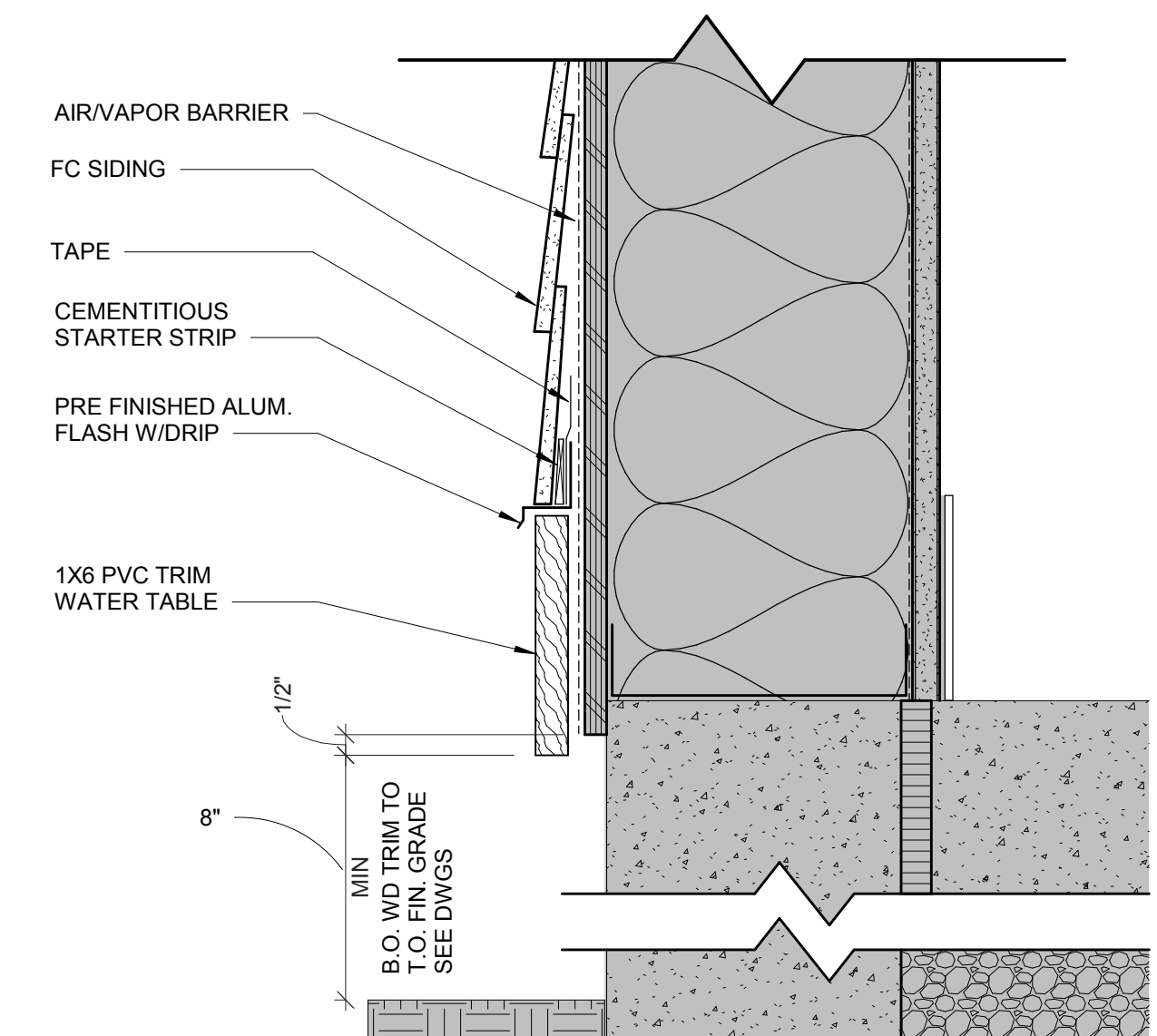
B1 OUTSIDE CORNER ENTRY TO LOBBY DETAIL  
1 1/2" = 1'-0"



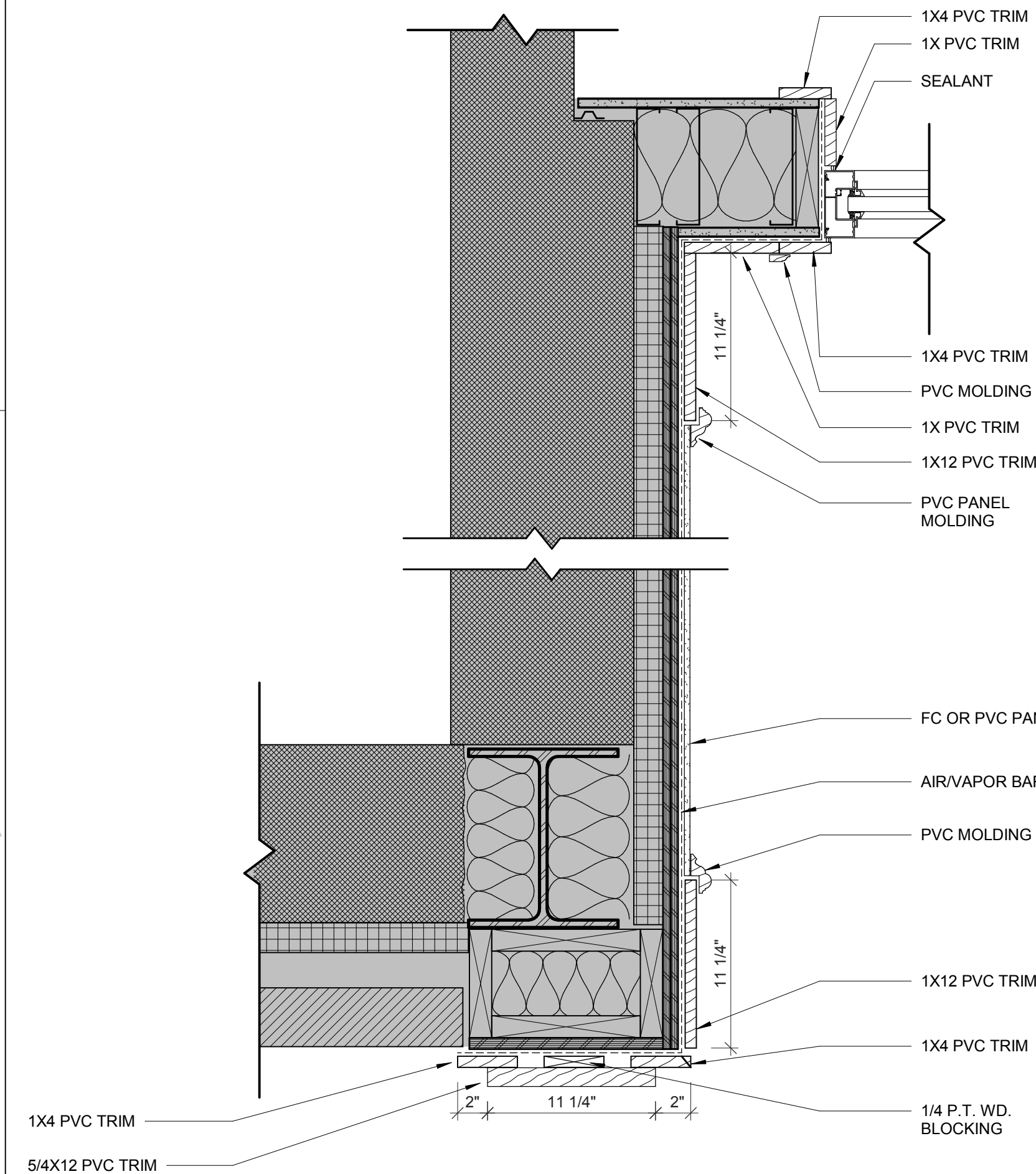
B2 UNIT VENTILATOR GRILL DETAIL 2  
3" = 1'-0"



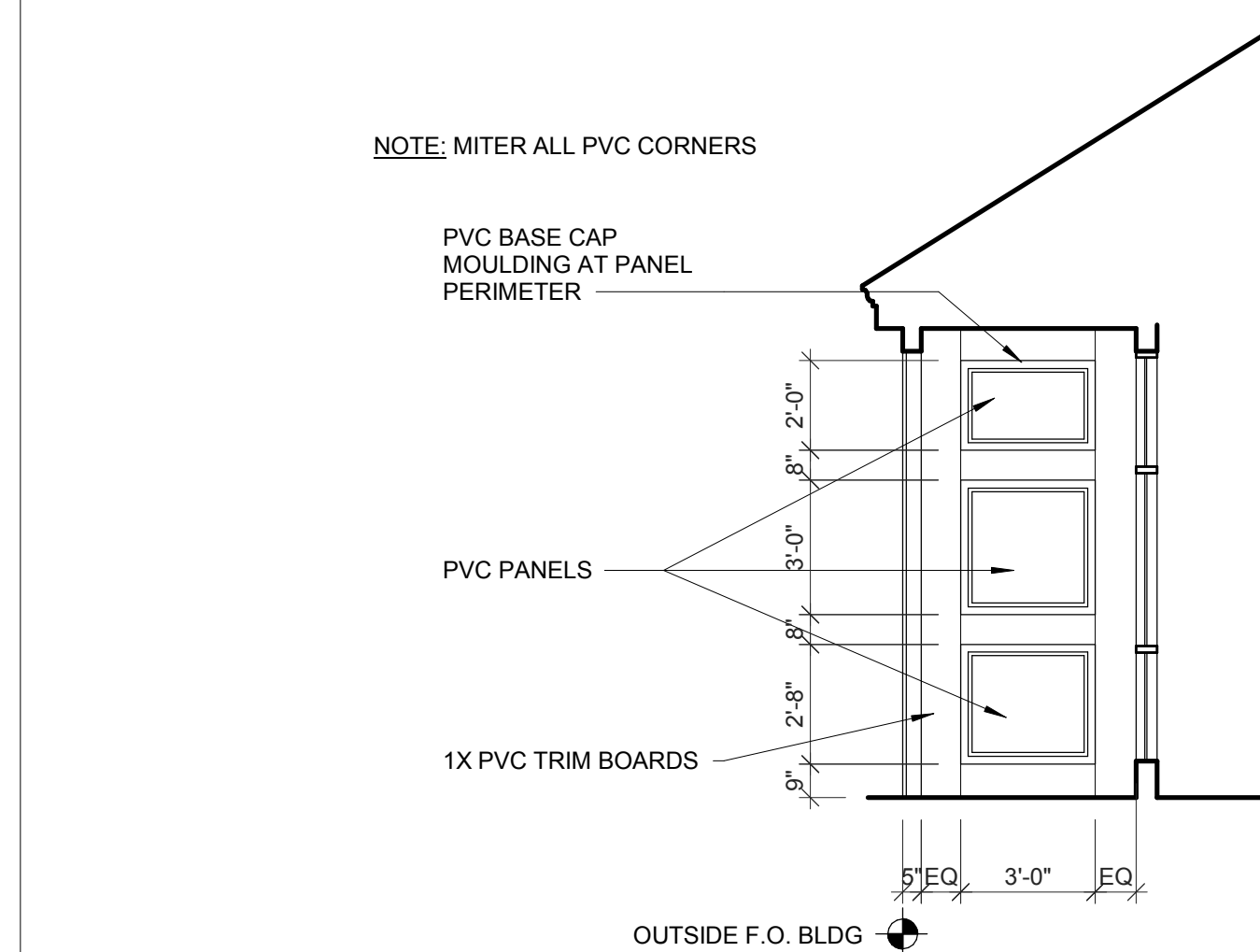
B3 SOFFIT CONDITION @ WING C CLASSROOM  
3" = 1'-0"



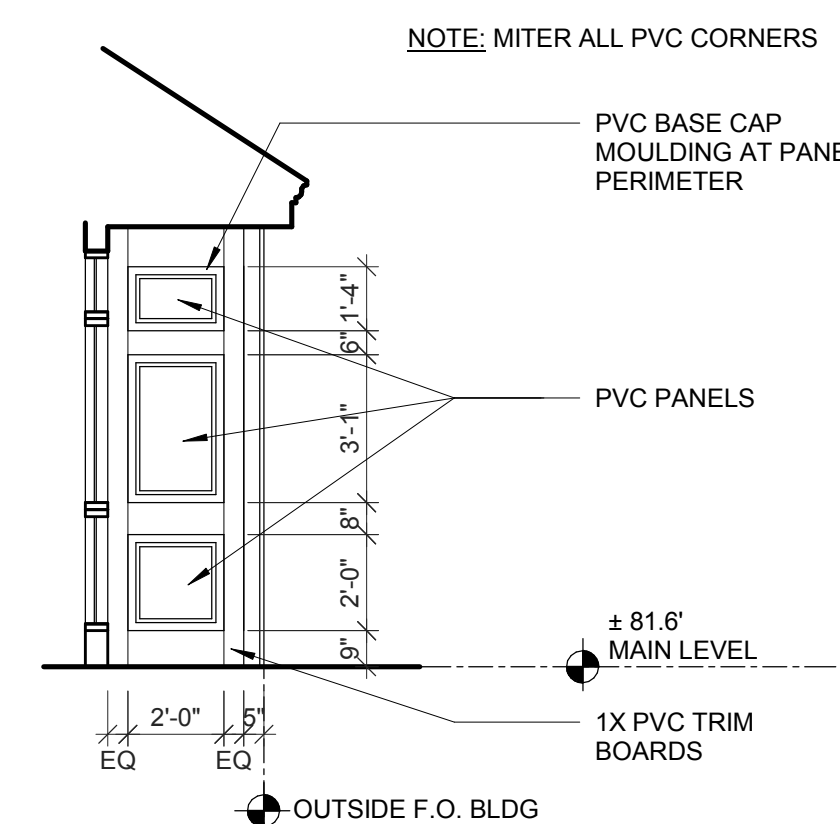
B4 WATER TABLE DETAIL  
3" = 1'-0"



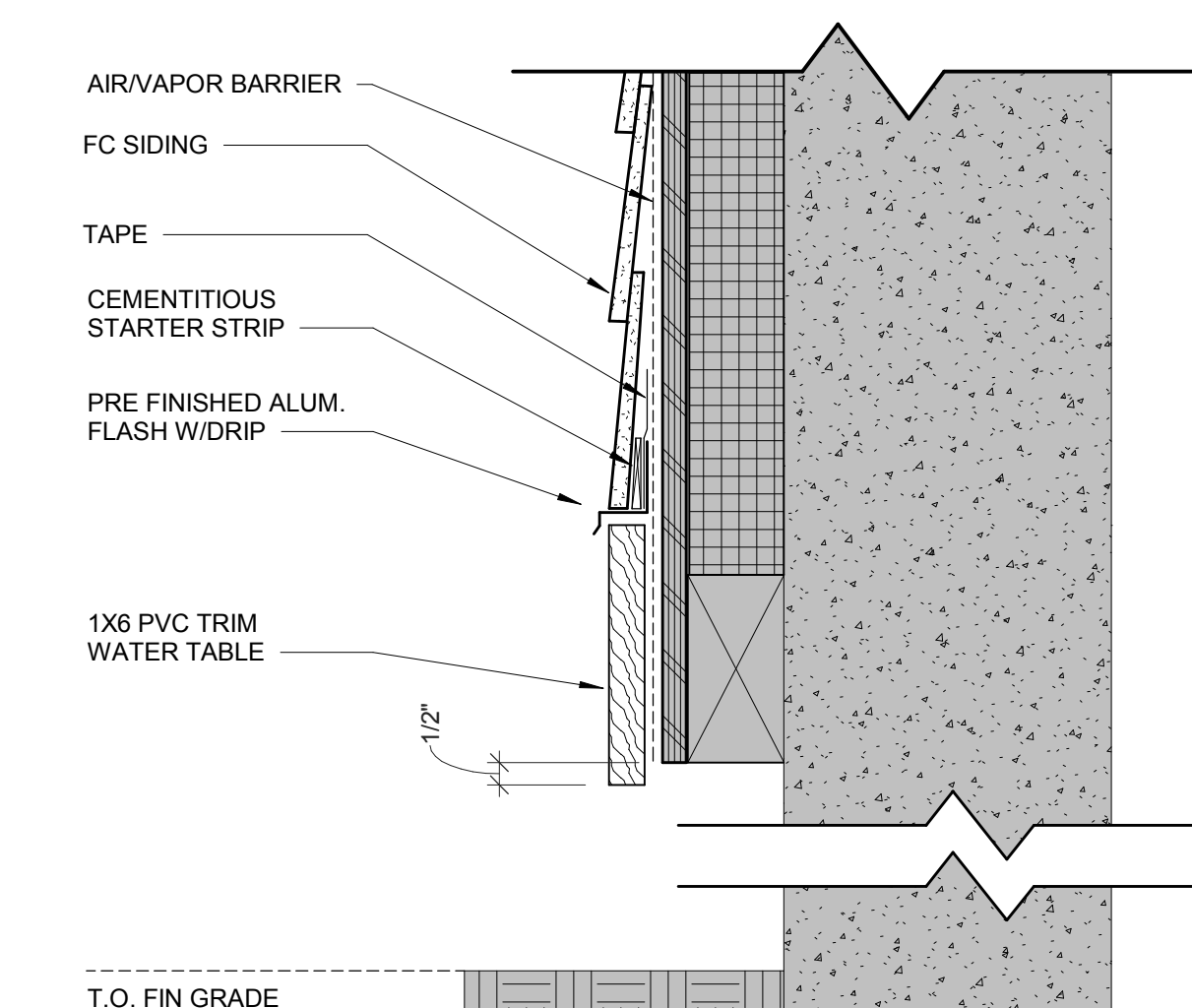
A1 GYM ENTRANCE ALCOVE DETAIL  
1 1/2" = 1'-0"



A2 LOBBY 106 ENTRANCE ALCOVE DETAIL  
1/4\"/>



A3 MAIN LOBBY ENTRANCE ALCOVE DETAIL  
1/4\"/>

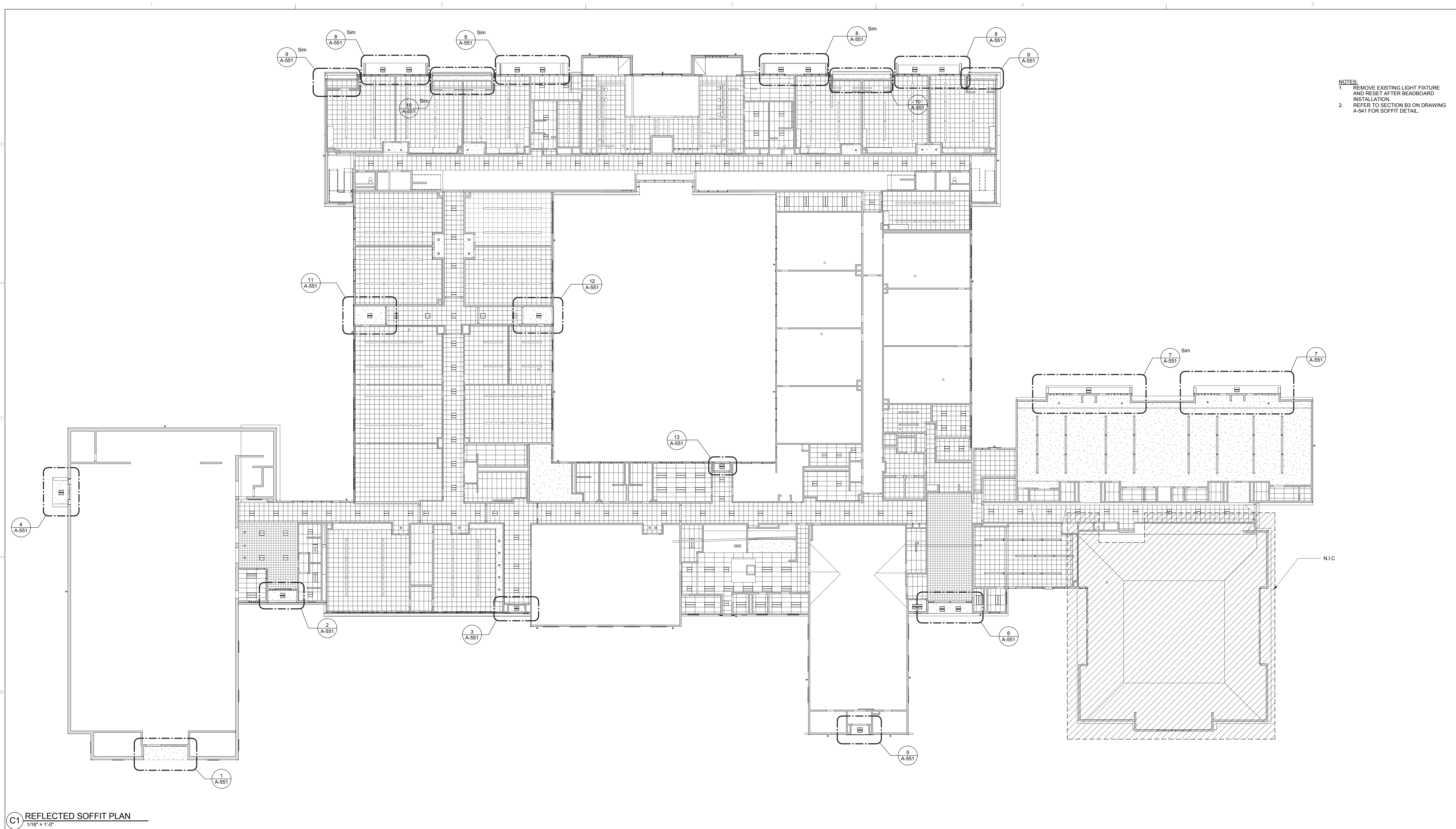


A4 WATER TABLE DETAIL @ GYM  
3" = 1'-0"

MARK	REVISION	DATE
1	CONSTRUCTION DOCUMENTS ADDENDUM 1	12/13/17 12/21/17

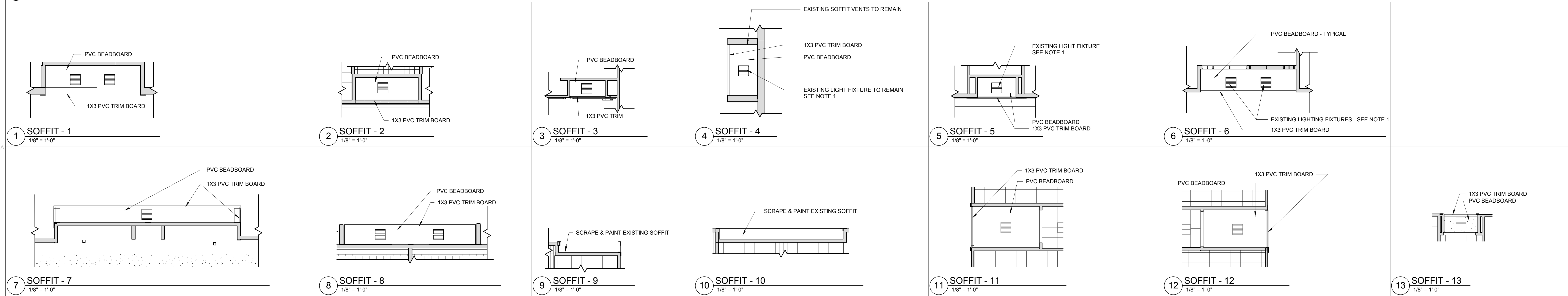
PROJECT NO: 1614.03  
DATE: 12/13/17  
SCALE: As indicated  
DRAWN BY: Author  
CHECKED BY: Checker

WALL DETAILS



- NOTES:
1. REMOVE EXISTING LIGHT FIXTURE AND RESET AFTER BEADBOARD INSTALLATION.
  2. REFER TO SECTION B3 ON DRAWING A-541 FOR SOFFIT DETAIL.

**C1 REFLECTED SOFFIT PLAN**  
1/8" = 1'-0"



**HABEEB & ASSOCIATES**  
ARCHITECTS

**H&A**  
150 LOCUST STREET  
NORWELL, MA 02061  
OFFICE: 781.871.8888  
FAX: 781.871.8888  
CELL: 781.871.8888

STAMP

CONSULTANT

NORTH ARROW

KEY PLAN

MSBA ACCELERATED REPAIR PROGRAM  
WINDOWS, DOORS & SIDING REPLACEMENT  
**HALIFAX ELEMENTARY SCHOOL**  
464 PLYMOUTH STREET HALIFAX, MA 02338

REVISION	DATE	REVISIONS
1	12/13/17	CONSTITUTION DOCUMENTS

PROJECT NO: 1614.03  
DATE: 12/13/17  
SCALE: As indicated  
DRAWN BY: gw  
CHECKED BY: Checker

**REFLECTED SOFFIT PLAN**

**A-551**

1/23/2018 11:03:12 AM