

REHAU S.A. de C.V.
SERIES 2090 SGD, OX-XO
VINYL, NON-IMPACT, NON-HVHZ

GENERAL NOTES:

1. THE PRODUCT DETAILS CONTAINED HEREIN ARE BASED UPON SIGNED AND SEALED TEST REPORTS BY INTERTEK TEST REPORT NO. R3019.01-201-44 R1. PERFORMANCE STANDARD USED IN TESTING WAS AAMA/WDMA/CSA 101/I.S.2/A440-22.
2. THIS PRODUCT CANNOT BE USED IN THE HIGH VELOCITY HURRICANE ZONE (HVHZ).
3. ADEQUACY OF THE EXISTING STRUCTURAL CONCRETE / MASONRY AND 2X FRAMING SUBSTRATES AS A MAIN WIND FORCE RESISTING SYSTEM CAPABLE OF WITHSTANDING AND TRANSFERRING APPLIED PRODUCT LOADS TO THE FOUNDATION IS THE RESPONSIBILITY OF THE LICENSED PROFESSIONAL ENGINEER OR REGISTERED ARCHITECT ACTING AS THE DESIGN PROFESSIONAL OF RECORD FOR THE PROJECT OF INSTALLATION.
4. 1X AND 2X BUCKS (WHEN USED) SHALL BE DESIGNED AND ANCHORED TO PROPERLY TRANSFER ALL LOADS TO THE STRUCTURE. BUCK DESIGN AND INSTALLATION IS THE RESPONSIBILITY OF THE LICENSED PROFESSIONAL ENGINEER OR REGISTERED ARCHITECT ACTING AS THE DESIGN PROFESSIONAL OF RECORD FOR THE PROJECT OF INSTALLATION.
5. WHEN INSTALLED IN LOCATIONS WHERE WINDBORNE DEBRIS PROTECTION REQUIREMENTS EXIST,THIS PRODUCT DOES REQUIRE OPENING PROTECTION.
6. SITE CONDITIONS NOT COVERED IN THIS PRODUCT EVALUATION DOCUMENT ARE SUBJECT TO ADDITIONAL ENGINEERING ANALYSIS BY A LICENSED PROFESSIONAL ENGINEER OR REGISTERED ARCHITECT AS REQUIRED BY THE AUTHORITY HAVING JURISDICTION.
7. MATERIALS:

7.1. FRAME: RIGID PVC / VINYL
8. GLAZING:

8.1. GLASS MEETS THE REQUIREMENTS OF ASTM E1300-16.

8.2. SEE GLAZING DETAILS ON SHEET 5 OF 6.

8.3. THE IGU WAS SET FROM THE EXTERIOR ONTO A DOUBLE SIDED GLAZING TAPE AND SECURED IN PLACE WITH VINYL SNAP-IN GLAZING BEADS.

8.4. GLASS SHALL MEET SAFETY GLAZING REQUIREMENTS PER CURRENT EDITION OF THE FLORIDA BUILDING CODE.

8.5. FOR PRODUCTS SMALLER THAN THE TESTED SPECIMEN, GLAZING IS PERMITTED TO BE THINNER AND/OR WEAKER THAN THAT SHOWN ON GLAZING DETAIL A, SHEET 5 IN ACCORDANCE WITH AAMA/WDMA/CSA 101/I.S.2/A440-17, SECTION 10.2.3.3.1. IN ACCORDANCE WITH AAMA/WDMA/CSA 101/I.S.2/A440-17, SECTION 10.2.3.4.1, PRODUCTS TESTED WITH INSULATING GLAZING SHALL NOT QUALIFY THAT PRODUCT WHEN GLAZED WITH SINGLE GLAZING.
9. DESIGNATION "0" STANDS FOR FIXED LITE AND "X" FOR OPERABLE SASH.
10. THESE DRAWINGS CERTIFY THE WINDOW INSTALLATION ONLY. WATER PROOFING OF THE INSTALLED WINDOW IS NOT PART OF THIS INSTALLATION CERTIFICATION. THAT RESPONSIBILITY SHALL BE THAT OF THE MANUFACTURER AND/OR THE INSTALLER.

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6	BILL OF MATERIALS & COMPONENTS

PERFORMANCE RATING				
MAXIMUM WINDOW SIZE	CONFIGURATION	INSTALLATION TYPE	DESIGN PRESSURE (PSF)	IMPACT RATING
95–1/2” X 95–1/2” (ACTUAL) 96” X 96” (NOMINAL)	OX, XO	NAILING FIN	+/- 25	NONE

INSTALLATION NOTES:

1. PRODUCT ANCHORS SHALL BE AS DESIGNATED AND LOCATED AS SHOWN IN THIS PRODUCT EVALUATION DOCUMENT. ANCHOR EMBEDMENT AND EDGE DISTANCE EXCLUDE WALL FINISHES, INCLUDING BUT NOT LIMITED TO STUCCO, FOAM, BRICK VENEER AND SIDING.
2. SEE *INSTALLATION ANCHOR SCHEDULE* ON SHEET 2 FOR TYPE AND GRADE OF ANCHOR, AND/OR MANUFACTURER'S ANCHOR SPECIFICATIONS, INCLUDING MINIMUM NOMINAL SIZE, MINIMUM EMBEDMENT INTO SUBSTRATE AND MINIMUM EDGE DISTANCES.

2.1. EDGE DISTANCES SHALL BE MEASURED FROM CENTERLINE OF ANCHOR TO EDGE OF STRUCTURAL SUBSTRATE EITHER TO THE INTERIOR OR EXTERIOR OF THE FENESTRATION PRODUCT.

2.2. MINIMUM EMBEDMENT SHALL BE BASED ON PENETRATION INTO MAIN WIND FORCE RESISTING SYSTEM SUBSTRATE.
3. SEE SHEET 4 FOR SPECIFIC ANCHOR INSTALLATION DETAILS.
4. ONE (1) INSTALLATION ANCHOR IS REQUIRED AT EACH ANCHOR LOCATION SHOWN.
5. ANCHOR QUANTITIES AND SPACING / EMBEDMENT AND EDGE DISTANCE

5.1. THE NUMBER OF INSTALLATION ANCHORS IS BASED ON THE MAXIMUM END DISTANCE (ED) AND THE MAXIMUM ON CENTER (O.C.) SPACING PLACEMENT OF ANCHORS IN ACCORDANCE WITH ELEVATIONS ON SHEET 3.

5.2. END DISTANCES AND O.C. SPACINGS LESS THAN THAT SHOWN IN THE ELEVATIONS ON SHEET 3 ARE ACCEPTABLE.

5.3. FOR WINDOW SIZES SMALLER THAN THOSE SHOWN, ANCHOR QUANTITIES CAN BE REDUCED WHILE MAINTAINING EDGE DISTANCE AND O.C. SPACING REQUIREMENTS.

5.4. ANCHOR QUANTITIES AND SPACINGS SHOWN ARE BASED ON THE LOWER OF ANCHOR SPACING USED IN TESTING OR REQUIRED BY LOADING AT DESIGN PRESSURE.

5.5. SEE SPACING, EMBEDMENT AND EDGE DISTANCE REQUIREMENTS IN THE *INSTALLATION ANCHOR SCHEDULE* ON SHEET 2.
6. MAXIMUM ALLOWABLE SHIM THICKNESS IS 1/4 INCH. SHIM WHERE SPACE OF 1/16 INCH OR GREATER OCCURS. SHIM(S) SHALL BE CONSTRUCTED OF WOOD COMPOSITE, HIGH DENSITY PLASTIC OR SIMILAR LOAD BEARING MATERIAL.
7. INSTALLATION ANCHORS SHALL BE INSTALLED IN ACCORDANCE WITH ANCHOR MANUFACTURER'S INSTALLATION INSTRUCTIONS (WHEN APPLICABLE) AND ANCHORS SHALL NOT BE USED IN SUBSTRATES WITH STRENGTHS LESS THAN THE MINIMUM STRENGTH SPECIFIED IN THE *INSTALLATION ANCHOR SCHEDULE* ON SHEET 2.

This item has been digitally signed and sealed by Robert J. Amoruso, PE on the date adjacent to the seal. Signature must be verified on any electronic copies.

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SERIES 2090 SLIDING GLASS DOOR
INSTALLATION ANCHORAGE DETAILS

DATE

09/04/2025

BY

REVISION DESCRIPTION

NO.

DATE:

09/04/2025

DWN BY:

JM

CHK BY:

RJA

SCALE:

NONE

ROBERT J. AMORUSO, P.E. #49752
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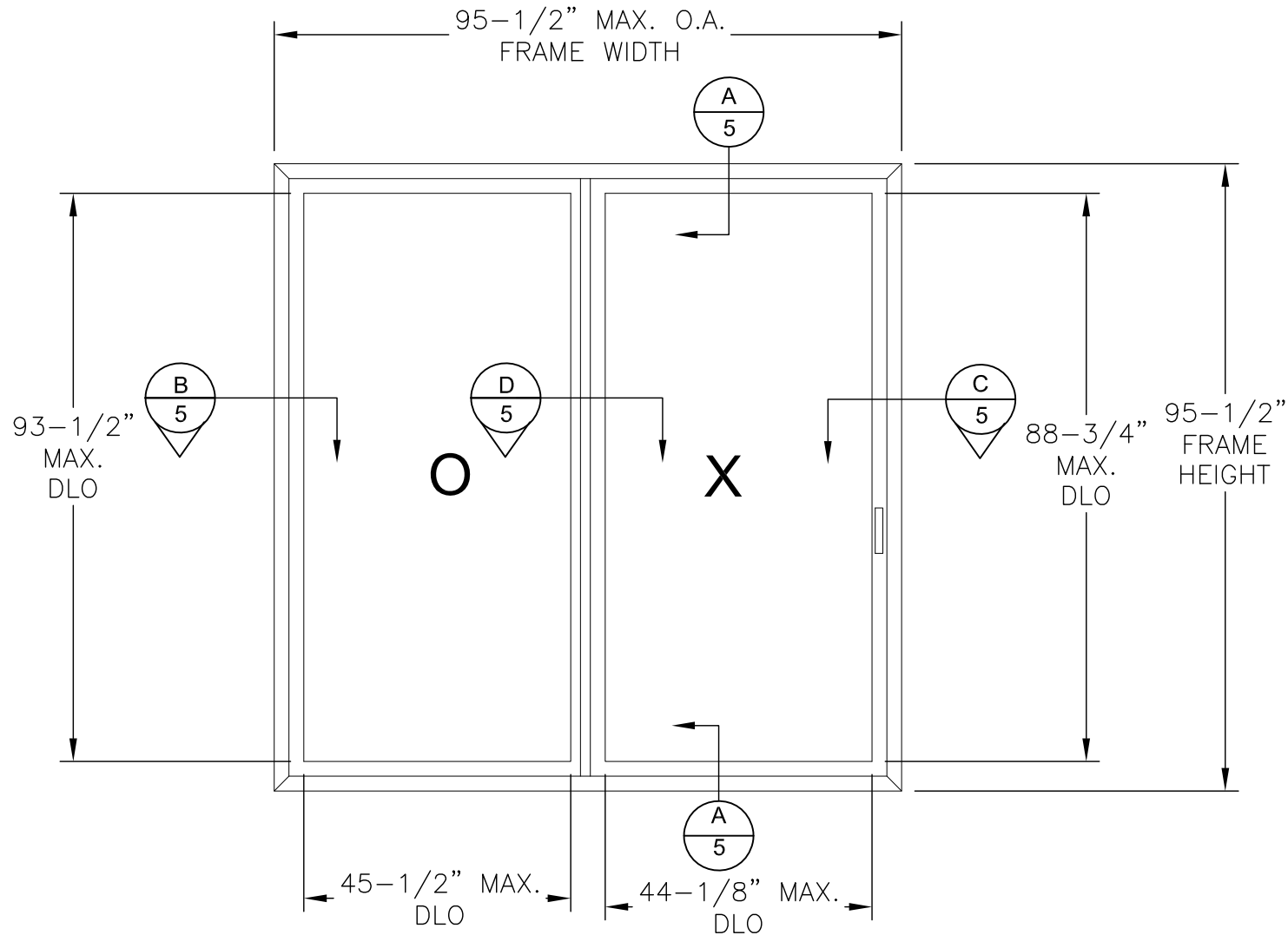


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PROJECT#: ACE-2025-205

DWG/REV: SCS-0046, Rev 0

SHT: 1 of 6



ELEVATION LAYOUT
SLIDING GLASS DOOR OX, XO
(INTERIOR VIEW)

INSTALLATION ANCHOR SCHEDULE								
SUBSTRATE	INSTALLATION TYPE	SCREW HEAD TYPE (2)	SCREW SIZE	MANUFACTURER AND/OR SPECIFICATION	MIN. SPACING (IN)	MIN. EMBEDMENT (IN)	MIN. EDGE DISTANCE (IN)	ANCHOR CAPACITIES BASED ON SUBSTRATE STRENGTHS
ASTM A-653 Grade 33 Steel Stud Substrate 20 ga.	FIN FRAME (NAILING FIN)	TRUSS HEAD	NO. 10	ASME B18.6.4 (GRADE 5 TAPPING SCREW) Type AB Threads (requires pilot hole) or Self-Drilling (drill shaped point)	3/4"	At least three full threads protrude into the interior of the steel stud.	3/8"	ASTM A-653 Grade 33 Steel Stud Substrate 20 ga.
WOOD	FIN FRAME (NAILING FIN)	TRUSS HEAD	NO. 10	ANSI B18.6.1 (WOOD SCREW)	7/8"	1-3/8"	3/8"	WOOD WITH A MINIMUM SPECIFIC GRAVITY OF 0.42 (NON-HVHZ).
			NO. 10	ASME B18.6.4 (TAPPING SCREW)	7/8"	1-3/8"	3/8"	
NOTES:								
(1) WOOD FRAME SUBSTRATE ANCHORS USE NO. 10 WOOD SCREWS (ANSI B18.6.1) OR NO. 10 TAPPING SCREWS (ANSI B16.8.4) WITH MIN. GRADE 2 STRENGTH.								

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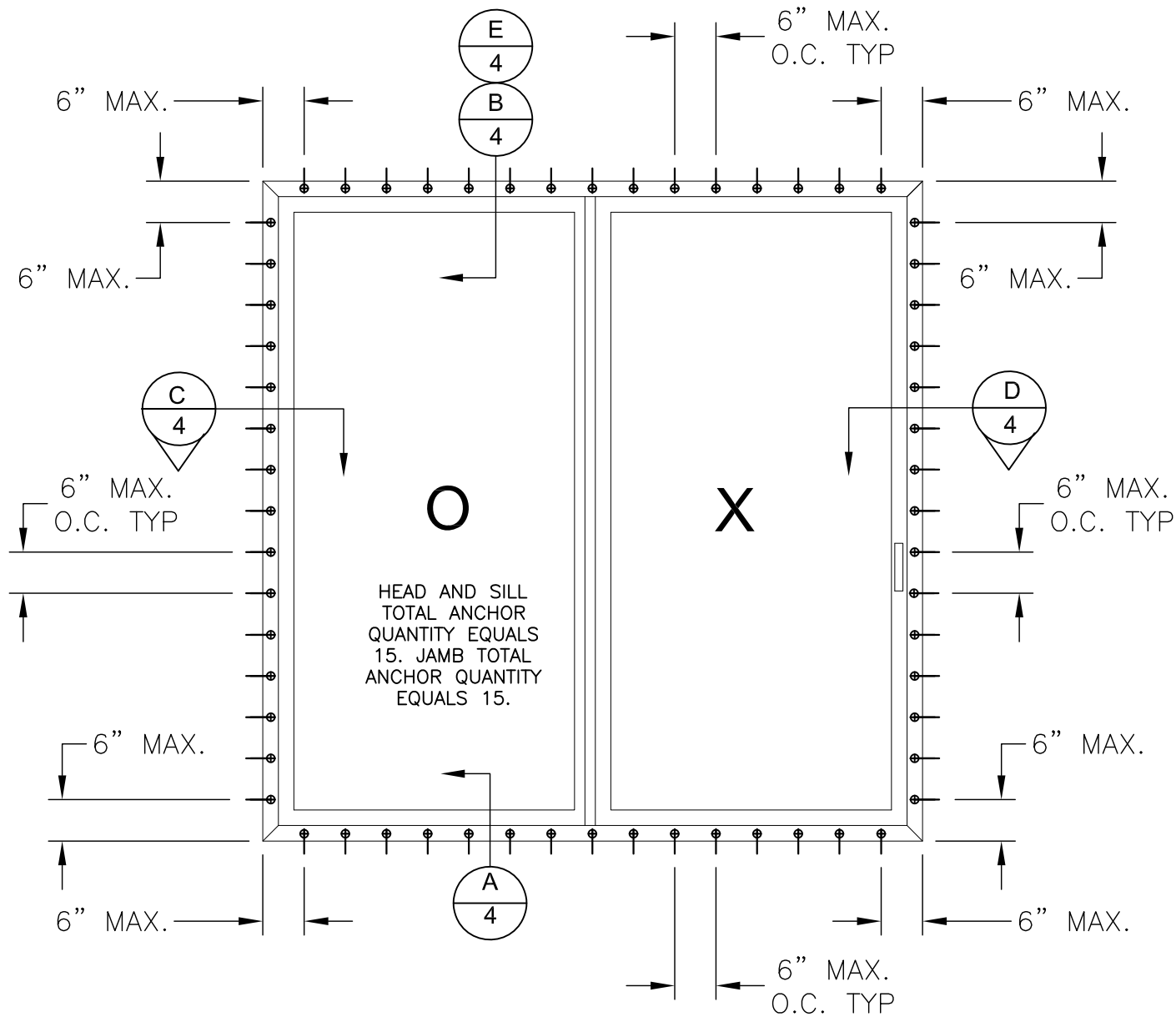
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ANCHOR LAYOUT ELEVATIONS
FIN FRAME (NAILING FIN)



ANCHOR LAYOUT
NAILING FIN 95-1/2" X 95-1/2"
INSTALLATION

ANCHOR LOCATIONS HAVE A
+/-1/2" TOLERANCE

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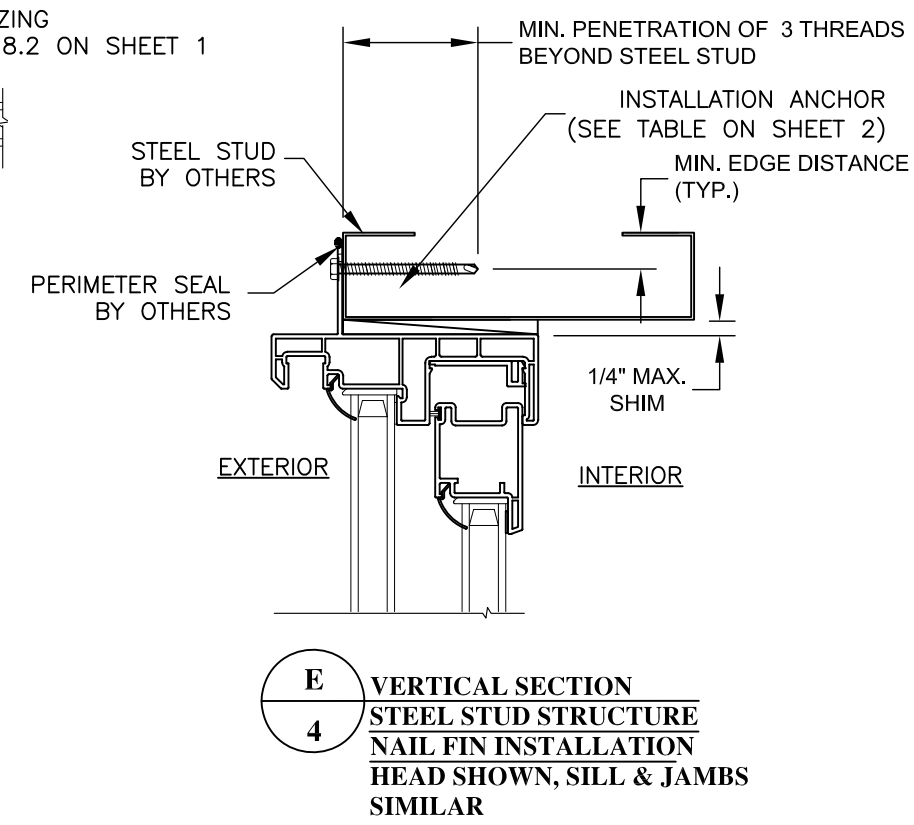
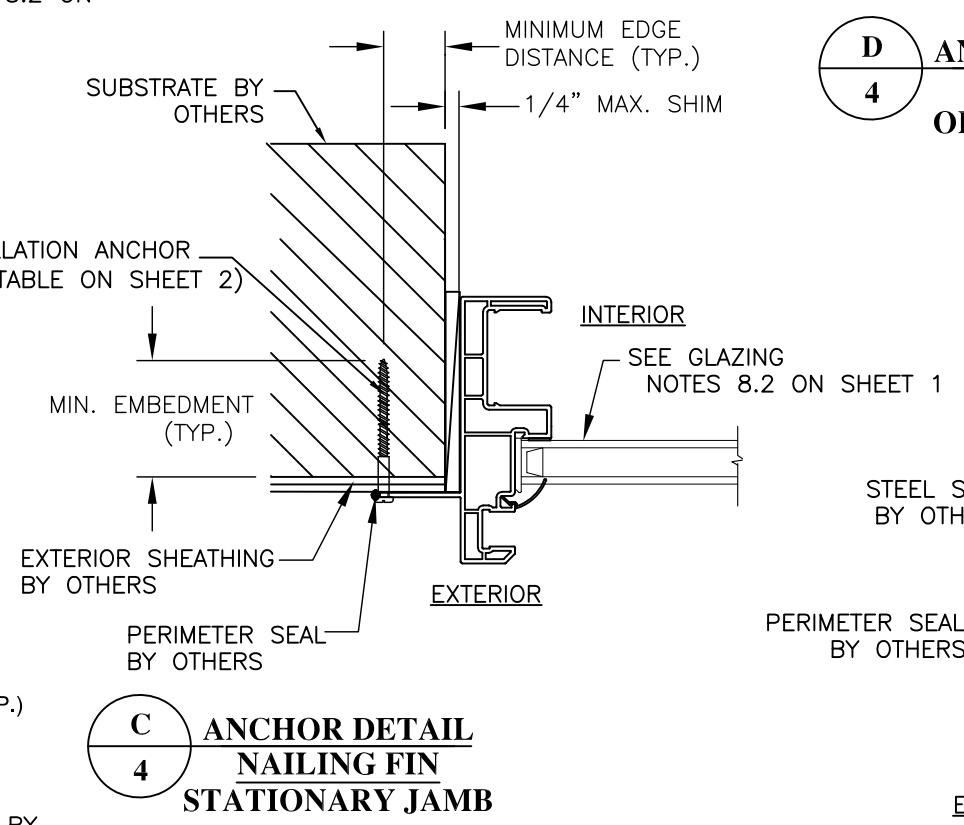
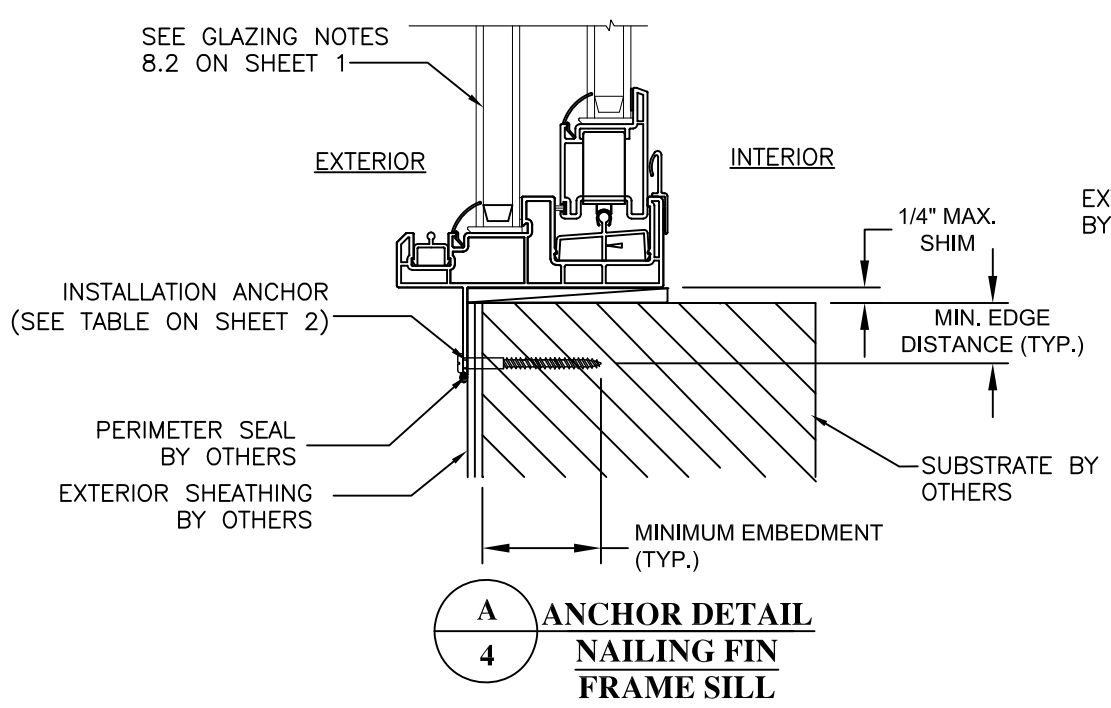
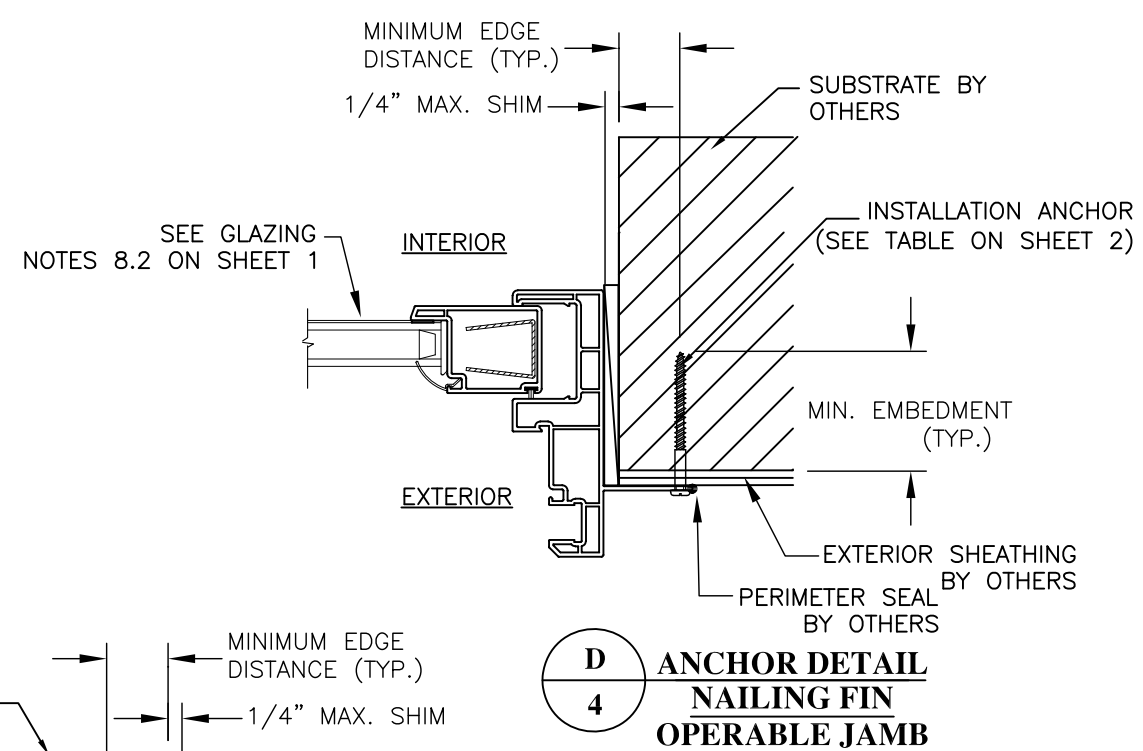
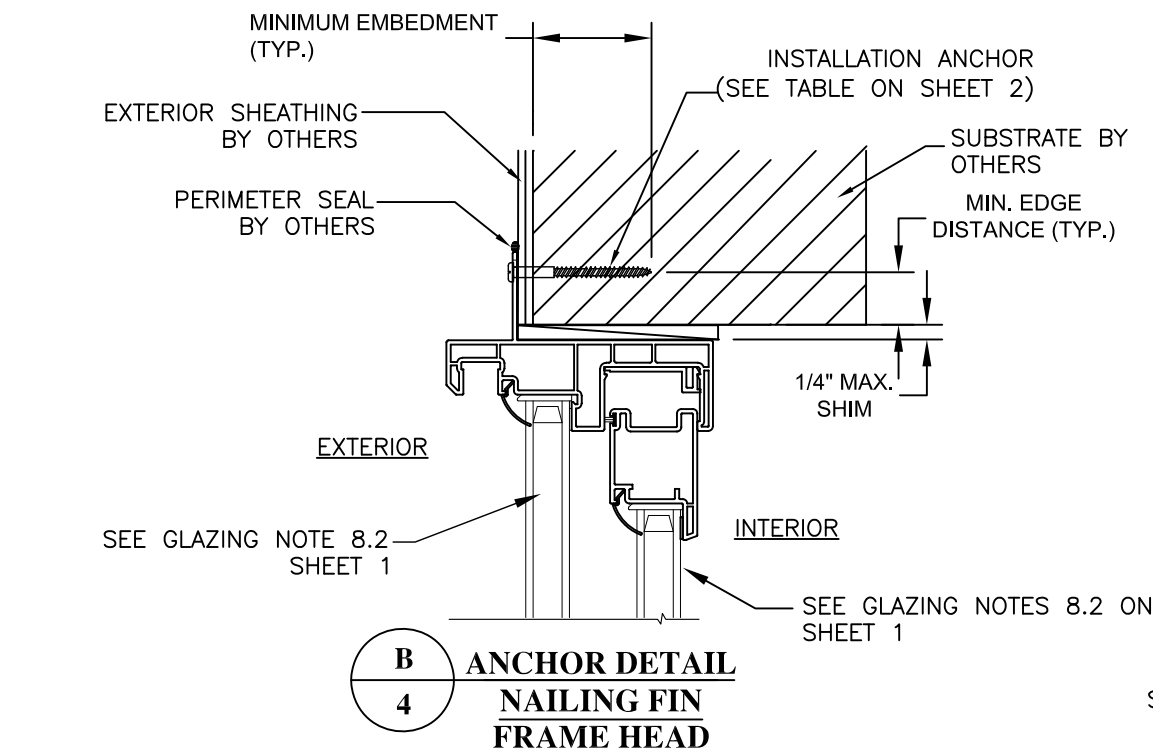
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SHT:	3 of 6

NAILING FIN ANCHOR DETAIL



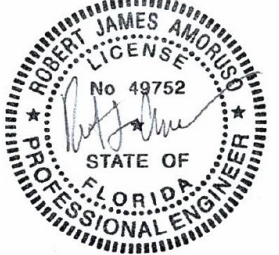
FIN FRAME (NAILING FIN) ANCHOR DETAIL

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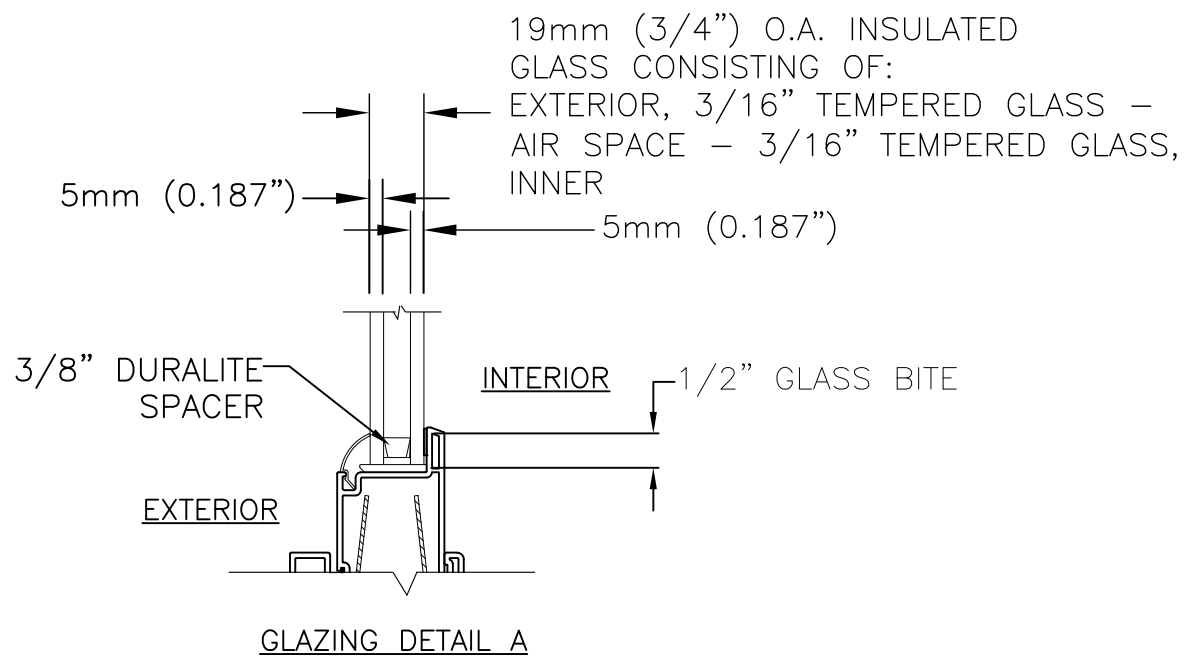
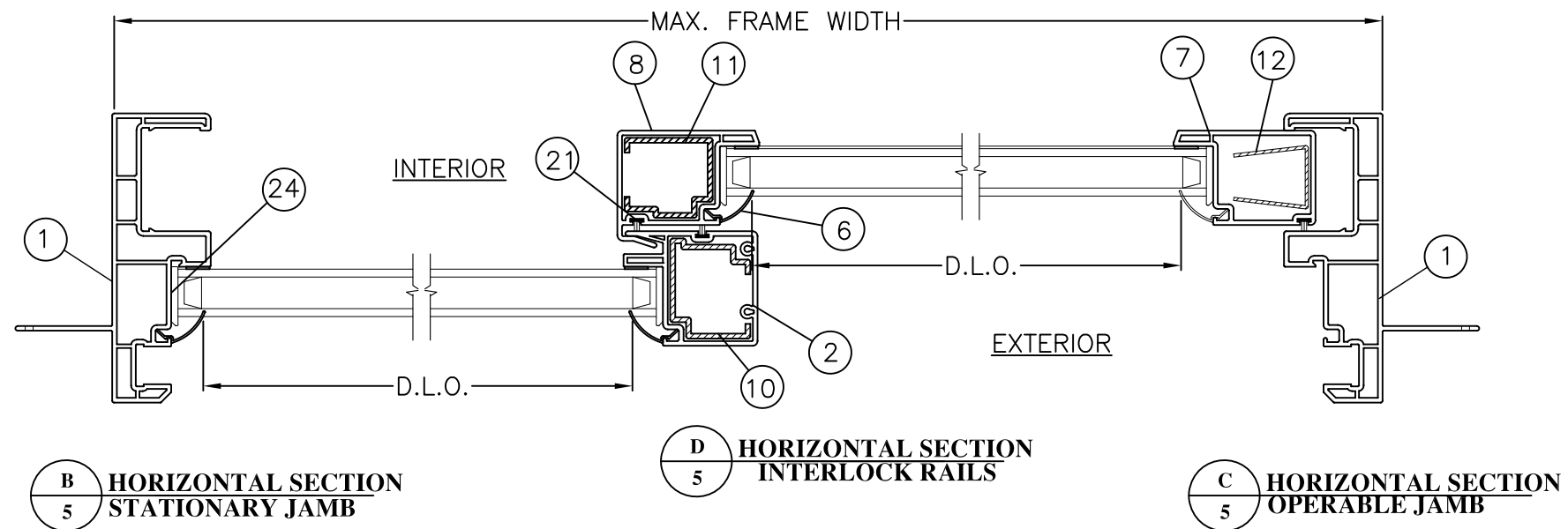
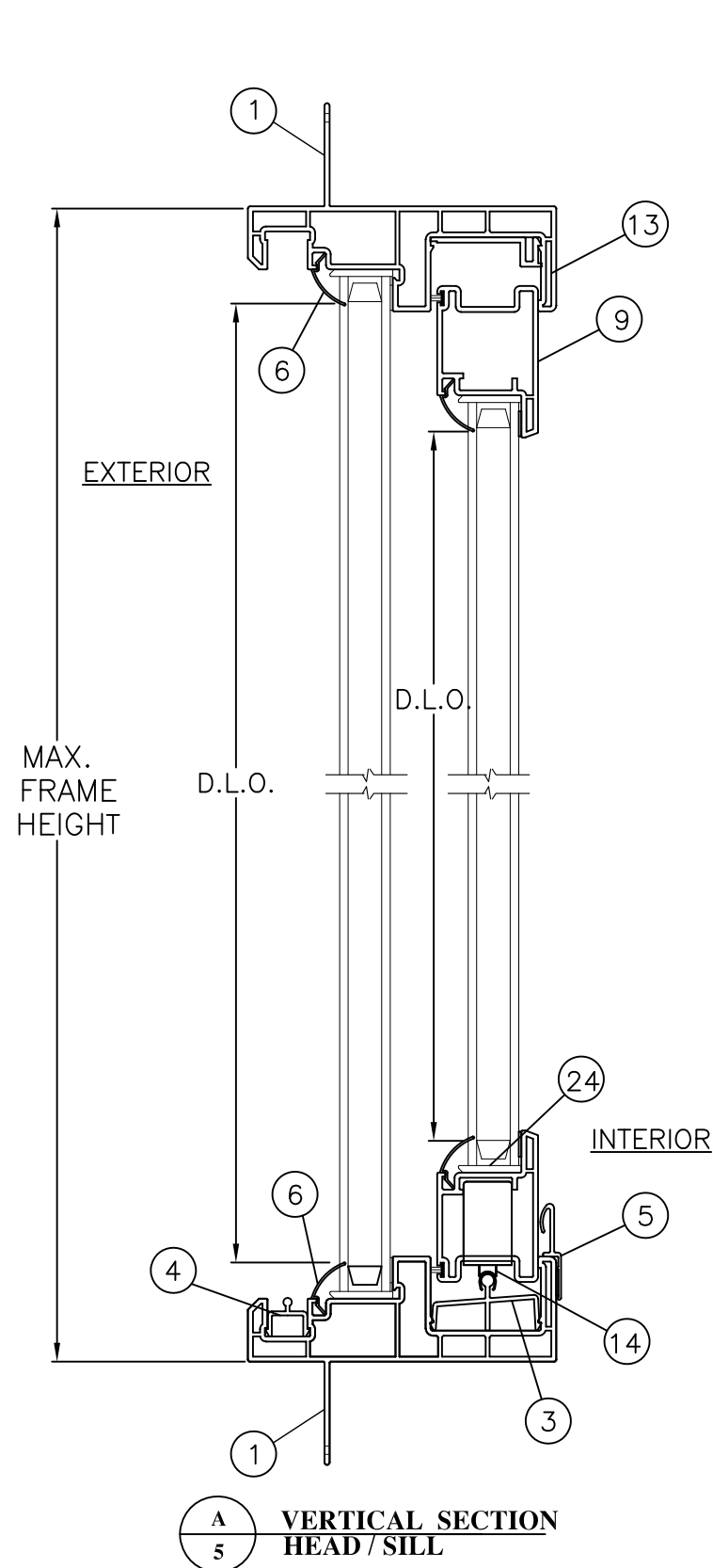
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SHT:	4 of 6



NOTE:
AS TESTED GLAZING DETAIL SHOWN
ABOVE. SEE GENERAL NOTE 8.5 ON
SHEET 1 FOR ADDITIONAL OPTIONS
ALLOWED BY AAMA/WDMA/CSA
101/I.S.2/A440.

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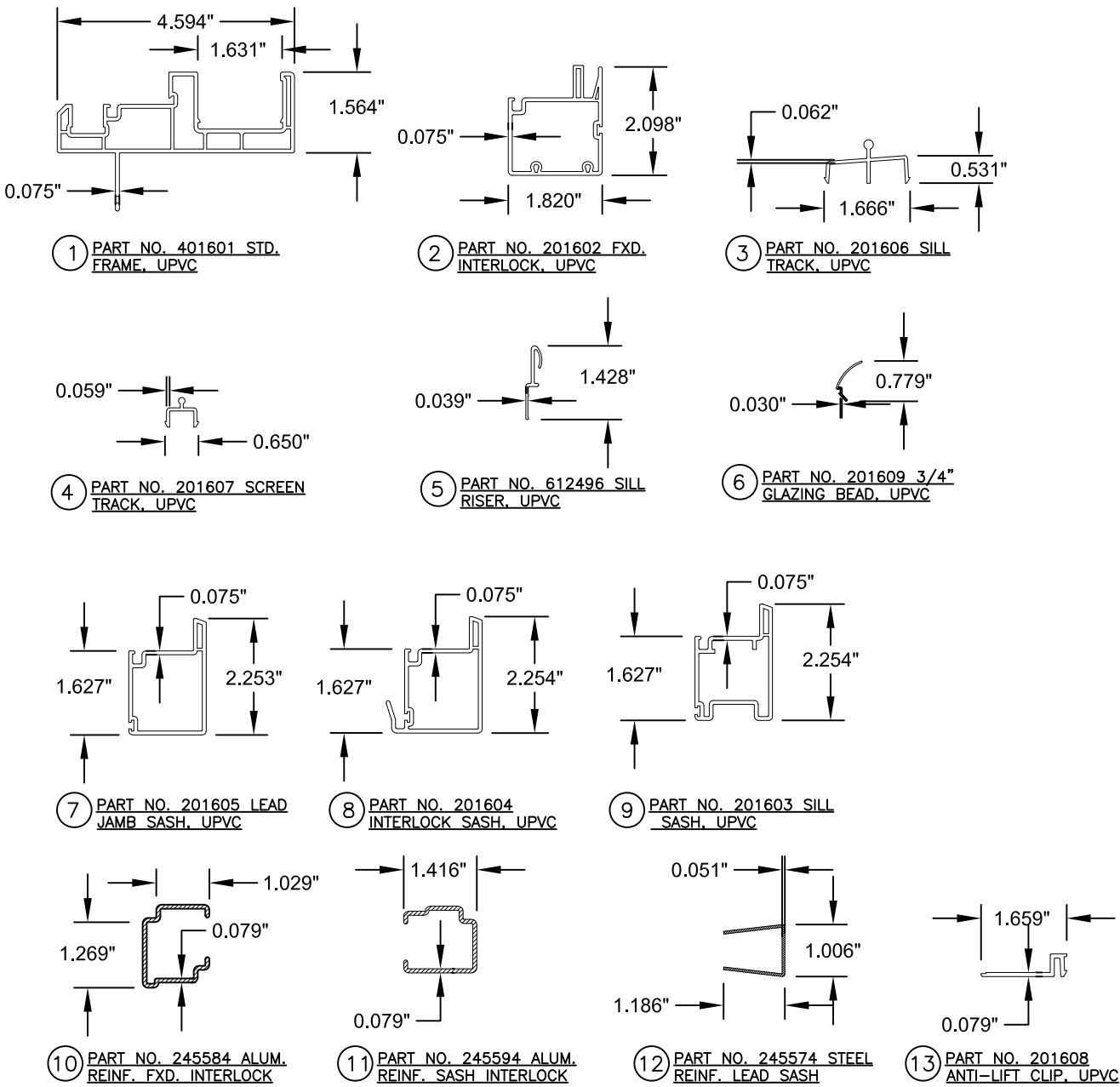
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PROJECT#:	ACE-2025-205
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SHT:	5 of 6

ITEM	PART NO.	DESCRIPTION	MANUFACTURER
1	401601	STANDARD FRAME, UPVC	REHAU
2	201602	FIXED INTERLOCK, UPVC	REHAU
3	201606	SILL TRACK, UPVC	REHAU
4	201607	SCREEN TRACK, UPVC	REHAU
5	612496	SILL RISER, UPVC	REHAU
6	201609	GLAZING BEAD, UPVC	REHAU
7	201605	LEAD JAMB SASH, UPVC	REHAU
8	201604	INTERLOCK SASH, UPVC	REHAU
9	201603	SILL SASH, UPVC	REHAU
10	245584	FIXED INTERLOCK REINF., ALUMINUM	PURCHASE
11	245594	SASH INTERLOCK REINF.,ALUMINUM	PURCHASE
12	245574	LEAD SASH REINF., STEEL	PURCHASE
13	201608	ANTI-LIFT CLIP, UPVC	PURCHASE
14	-----	SASH ROLLERS	PURCHASE
15	-----	KEEPER	PURCHASE
16	-----	INSIDE HANDLE	PURCHASE
17	-----	OUTSIDE PULL	PURCHASE
18	-----	THUMB TURN	PURCHASE
19	-----	MORTISE LOCK	PURCHASE
20	-----	GLAZING TAPE 1/16" X 3/8"	PURCHASE
21	-----	FIN PILE WSTP, 0.187 X 230	PURCHASE
22	-----	FLAPPED DRAIN COVER	PURCHASE
23	-----	ROLLER TRACK COVER	PURCHASE
24	-----	7/8" GLAZING BLOCK	PURCHASE



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