

QUAKER WINDOWS PRODUCTS CO. INC.

SERIES 340 (E700) FIXED WINDOW



504 HIGHWAY 63 SOUTH
FREEBURG, MO 65582
PH: (651) 264-5150 FX: (651) 264-5485

INSTALLATION NOTES:

1. ONE (1) INSTALLATION ANCHOR IS REQUIRED AT EACH ANCHOR LOCATION SHOWN, UNLESS OTHERWISE STATED.
2. THE NUMBER OF INSTALLATION ANCHORS DEPICTED IS THE MINIMUM NUMBER OF ANCHORS TO BE USED FOR PRODUCT INSTALLATION.
3. INSTALL INDIVIDUAL INSTALLATION ANCHORS WITHIN A TOLERANCE OF ±1/16 INCH OF THE DEPICTED LOCATION IN THE ANCHOR LAYOUT DETAIL (I.E., WITHOUT CONSIDERATION OF TOLERANCES). TOLERANCES ARE NOT CUMULATIVE FROM ONE INSTALLATION ANCHOR TO THE NEXT.
5. FOR INSTALLATION INTO 2X WOOD BUCK OR FRAMING, USE ONE #10 WOOD SCREW, TYPE INSTALLATION ANCHOR PER LOCATION OF SUFFICIENT LENGTH TO ACHIEVE A MINIMUM 1 1/2" EMBEDMENT.
6. FOR INSTALLATION INTO METAL STUD, USE ONE #10 SELF-DRILLING SCREW, TYPE INSTALLATION ANCHOR PER LOCATION OF SUFFICIENT LENGTH TO ACHIEVE MINIMUM PENETRATION OF 3 THREADS BEYOND METAL STRUCTURE.
7. MINIMUM EMBEDMENT AND EDGE DISTANCE EXCLUDE WALL FINISHES, INCLUDING BUT NOT LIMITED TO STUCCO, FOAM, BRICK VENEER, AND SIDING.
8. INSTALLATION ANCHORS AND ASSOCIATED HARDWARE MUST BE MADE OF CORROSION RESISTANT MATERIAL OR HAVE A CORROSION RESISTANT COATING.
9. INSTALLATION ANCHORS SHALL BE INSTALLED IN ACCORDANCE WITH ANCHOR MANUFACTURER'S INSTALLATION INSTRUCTIONS, AND ANCHORS SHALL NOT BE USED IN SUBSTRATES WITH STRENGTHS LESS THAN THE MINIMUM STRENGTH SPECIFIED BY THE ANCHOR MANUFACTURER.
10. INSTALLATION ANCHOR CAPACITIES FOR PRODUCTS HEREIN ARE BASED ON SUBSTRATE MATERIALS WITH THE FOLLOWING PROPERTIES:
 - A. STEEL - MIN. TENSILE YIELD STRENGTH OF 33 KSI. MIN. 18 GAUGE THICKNESS (0.0478"). MIN 1/2" EDGE DISTANCE.
 - B. WOOD - MINIMUM SPECIFIC GRAVITY = 0.42
 - C. ALUMINUM - MIN. 6063-T5, MIN 1/8" WALL THICKNESS, MIN. 1/2" EDGE DISTANCE.

GENERAL NOTES:

1. THE PRODUCT SHOWN HEREIN IS DESIGNED AND MANUFACTURED TO COMPLY WITH THE 2018 INTERNATIONAL BUILDING CODE (IBC) AND INTERNATIONAL RESIDENTIAL CODE (IRC) AND HAS BEEN EVALUATED ACCORDING TO THE FOLLOWING:
 - AAMA/WDMA/CSA 101/I.S.2/A440-17
 - AAMA 450-10
 - ASTM E1886-13a
 - ASTM E1996-14a
2. ADEQUACY OF THE EXISTING STRUCTURAL 2X WOOD FRAMING OR METAL STUD FRAMING AS A MAIN WIND FORCE RESISTING SYSTEM CAPABLE OF WITHSTANDING AND TRANSFERRING APPLIED PRODUCT LOADS TO THE FOUNDATION IS THE RESPONSIBILITY OF THE ENGINEER OR ARCHITECT OF RECORD FOR THE PROJECT OF INSTALLATION.
3. THE INSTALLATION DETAILS DESCRIBED HEREIN ARE GENERIC AND MAY NOT REFLECT ACTUAL CONDITIONS FOR A SPECIFIC SITE. IF SITE CONDITIONS CAUSE INSTALLATION TO DEVIATE FROM THE REQUIREMENTS DETAILED HEREIN, A LICENSED ENGINEER OR ARCHITECT SHALL PREPARE SITE SPECIFIC DOCUMENTS FOR USE WITH THIS DOCUMENT.
4. APPROVED IMPACT PROTECTIVE SYSTEM **IS NOT REQUIRED** TO PROTECT THIS PRODUCT IN AREAS REQUIRING IMPACT RESISTANCE.
5. GLAZING COMPLIES WITH LOAD RESISTANCE REQUIREMENTS PER ASTM E1300.
6. FRAME MATERIAL: 6063-T6 ALUMINUM
7. CONFIGURATIONS:
 - O - FIXED

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2	ELEVATION & ANCHOR LAYOUTS
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4	HORIZONTAL SECTIONS
5	BILL OF MATERIALS & COMPONENTS

MAX. DESIGN PRESSURE RATING	
+50.0 / -50.0 PSF	LARGE & SMALL MISSILE IMPACT RATED

TITLE: SERIES 340 (E700) FIXED WINDOW INSTALLATION AND GENERAL NOTES

PREPARED BY: BUILDING DROPS, INC.
398 E. DANIA BEACH BLVD., STE. 338
DANIA BEACH, FL 33004
PH: (954) 399-8478
FAX: (954) 744-4738
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REMARKS	BY	DATE
2018 IBC COMPLIANCE	LL	01/21

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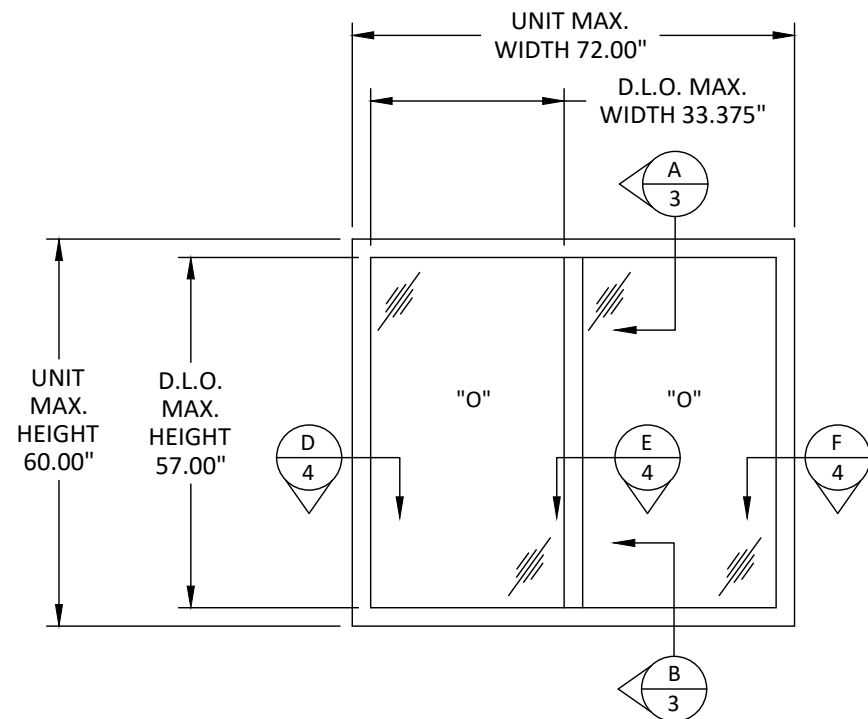


HERMES F. NORERO, P.E.
TEXAS P. E. NO. 118471
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TBPE CERT. OF AUTHORIZATION NO. 13734

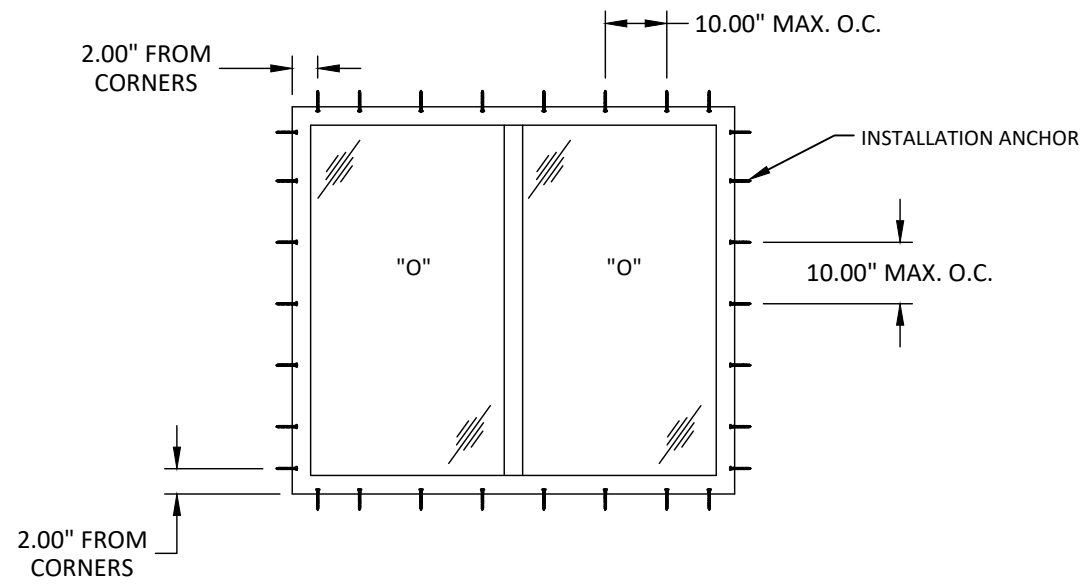
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DWG. #:	QWP015

SHEET: 1 OF 5

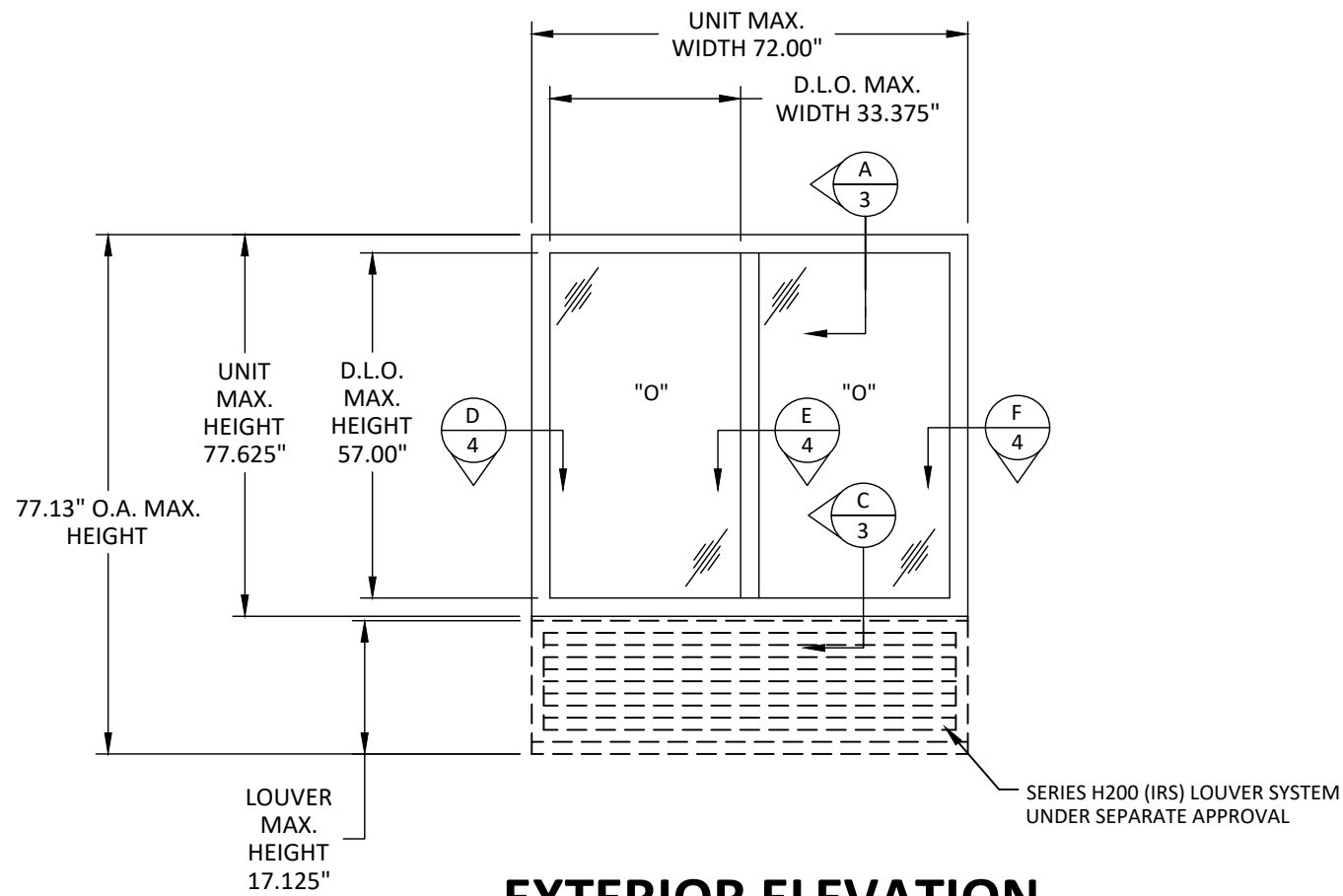
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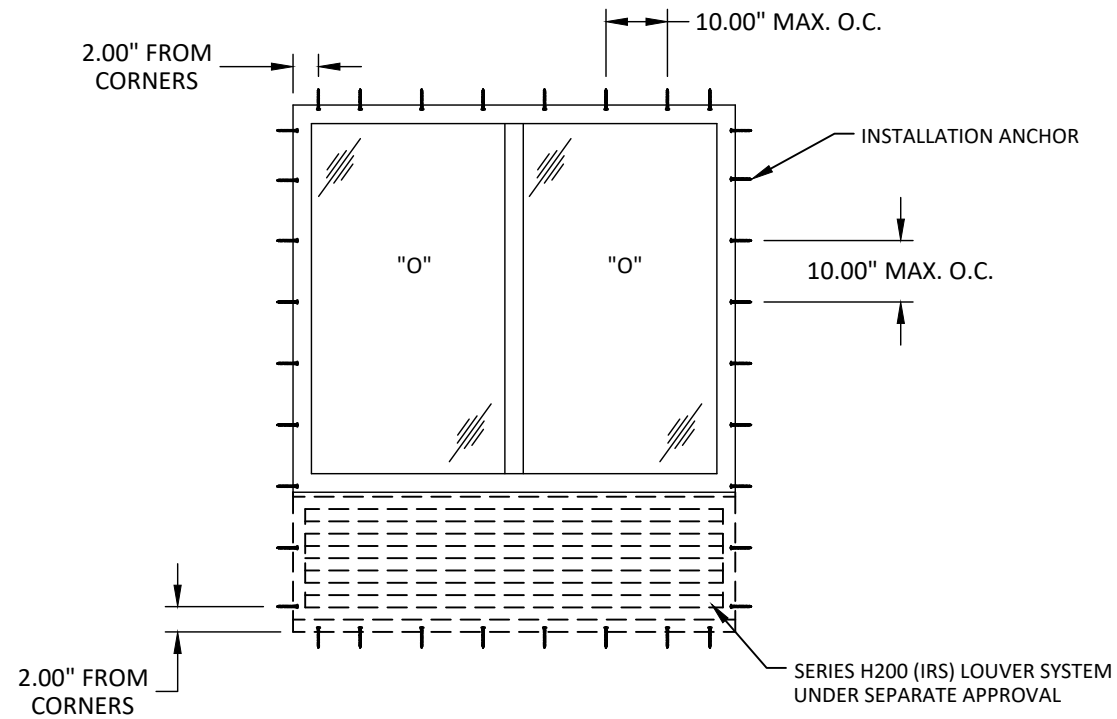
EXTERIOR ELEVATION



ANCHOR LAYOUT



EXTERIOR ELEVATION WITH LOUVER



ANCHOR LAYOUT WITH LOUVER



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TITLE: **SERIES 340 (E700)
FIXED WINDOW
ELEVATION &
ANCHOR LAYOUTS**

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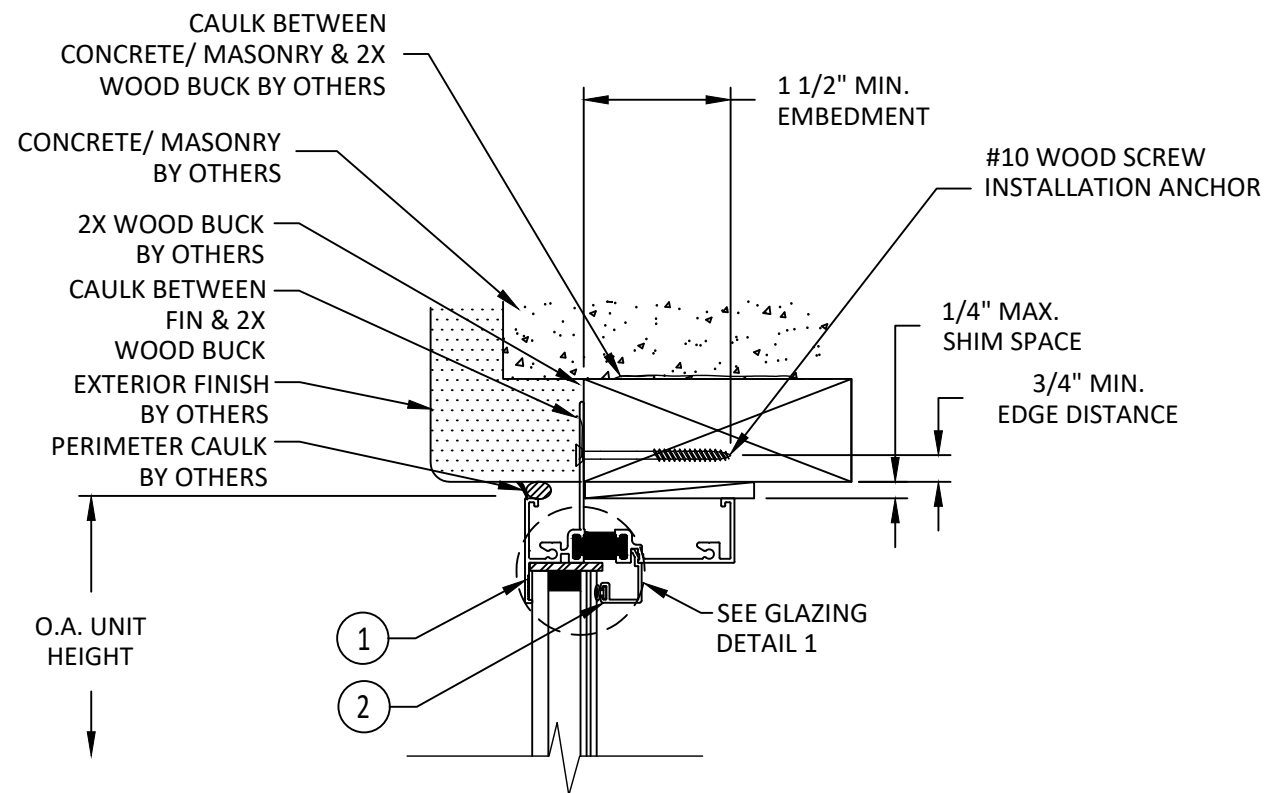


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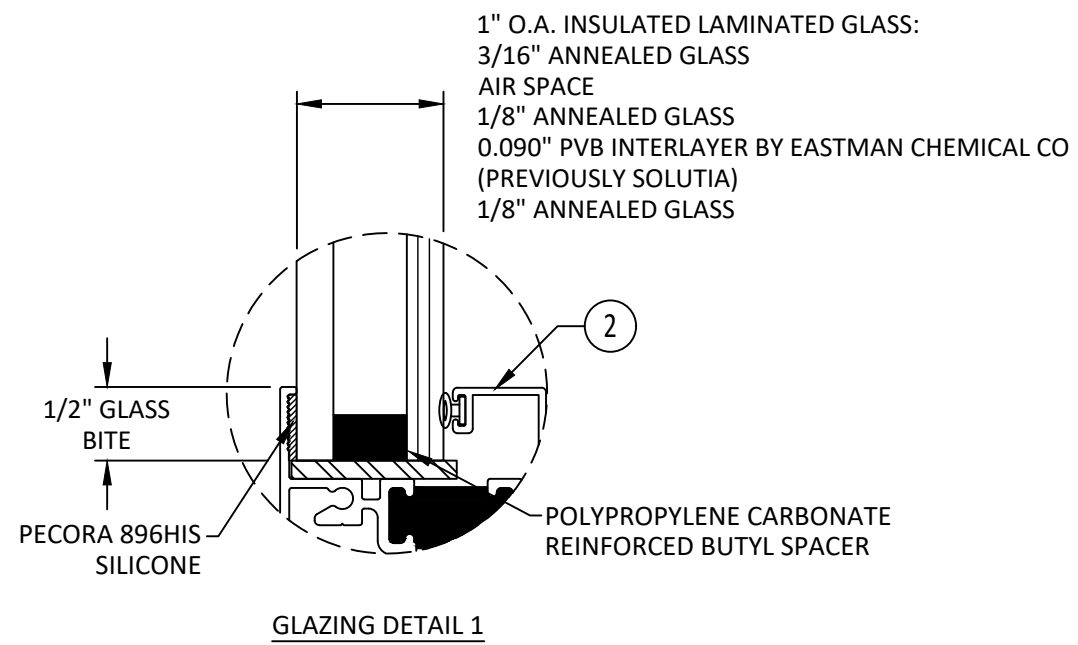
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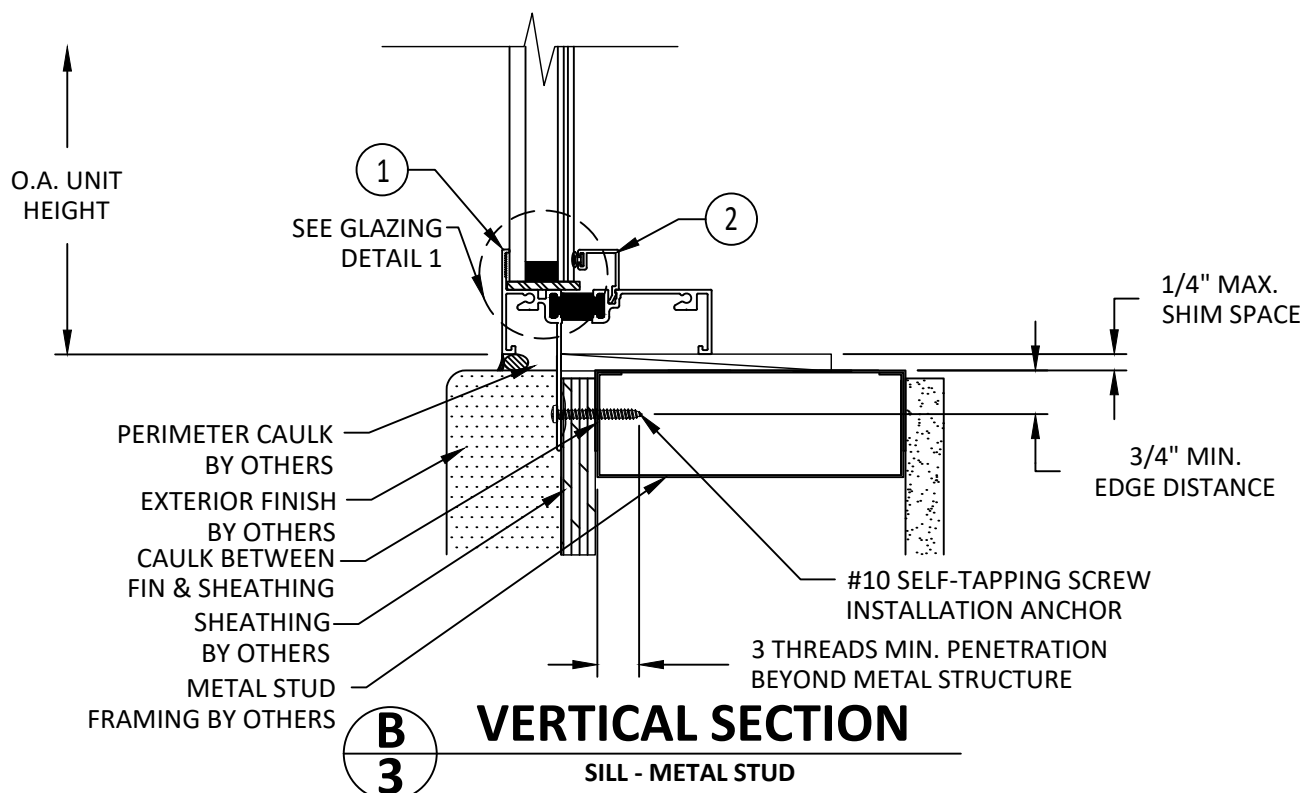
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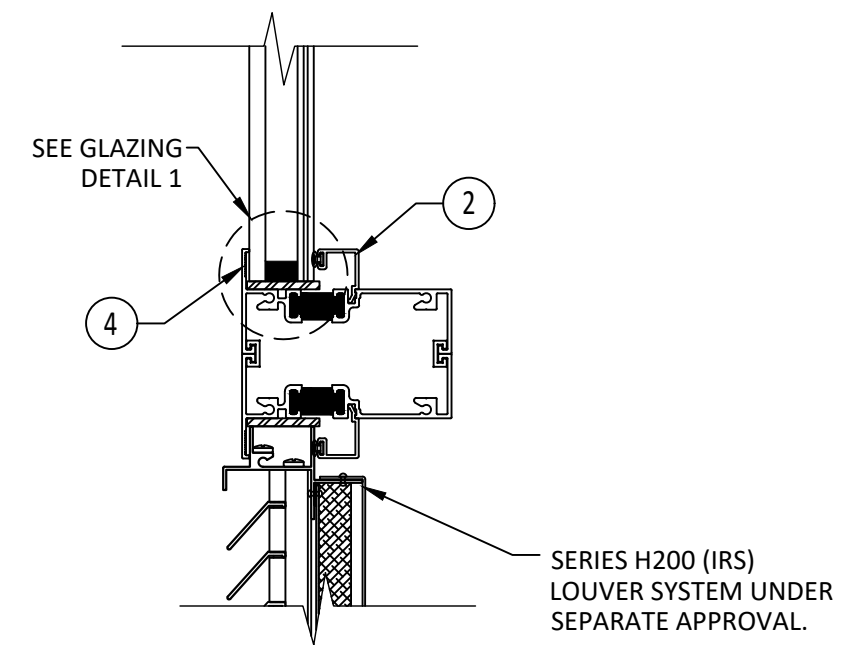
A
3 VERTICAL SECTION
HEAD - 2X WOOD BUCK



GLAZING DETAIL 1



B
3 VERTICAL SECTION
SILL - METAL STUD



C
3 VERTICAL SECTION
MULLION
PICTURE WINDOW/LOUVER

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TITLE: SERIES 340 (E700) FIXED WINDOW VERTICAL SECTIONS & GLAZING DETAIL

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SCALE: NTS	
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TITLE: **SERIES 340 (E700)
 FIXED WINDOW**
 HORIZONTAL SECTIONS

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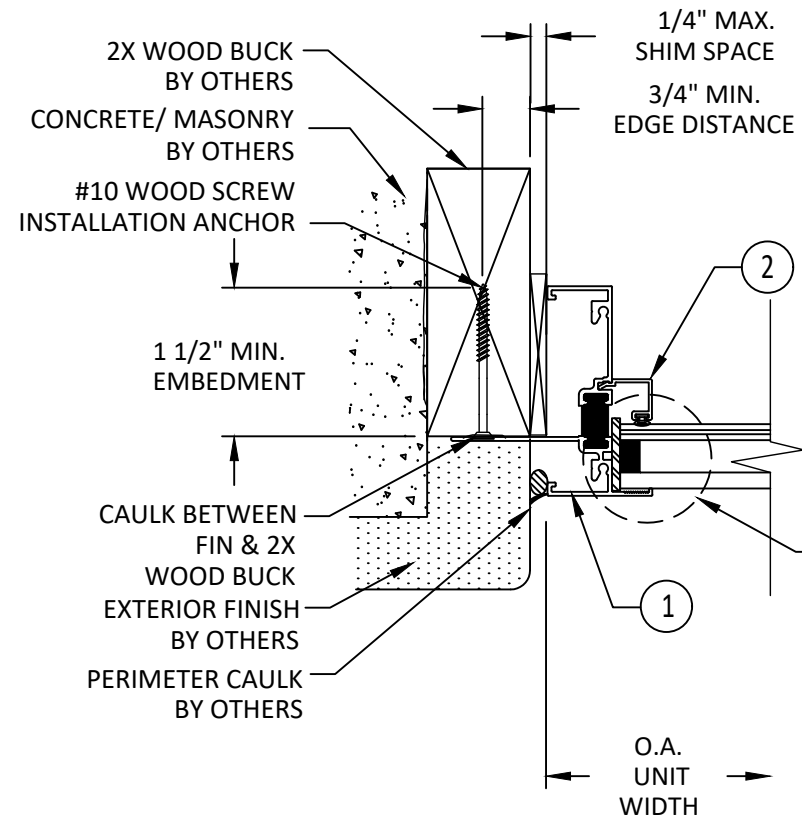
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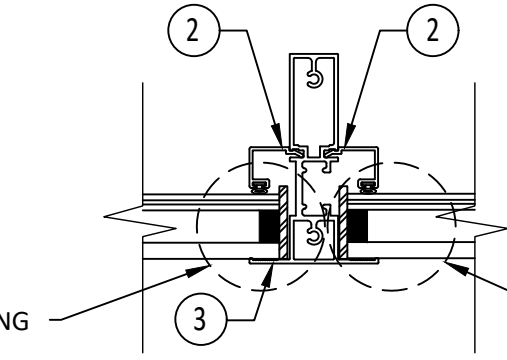


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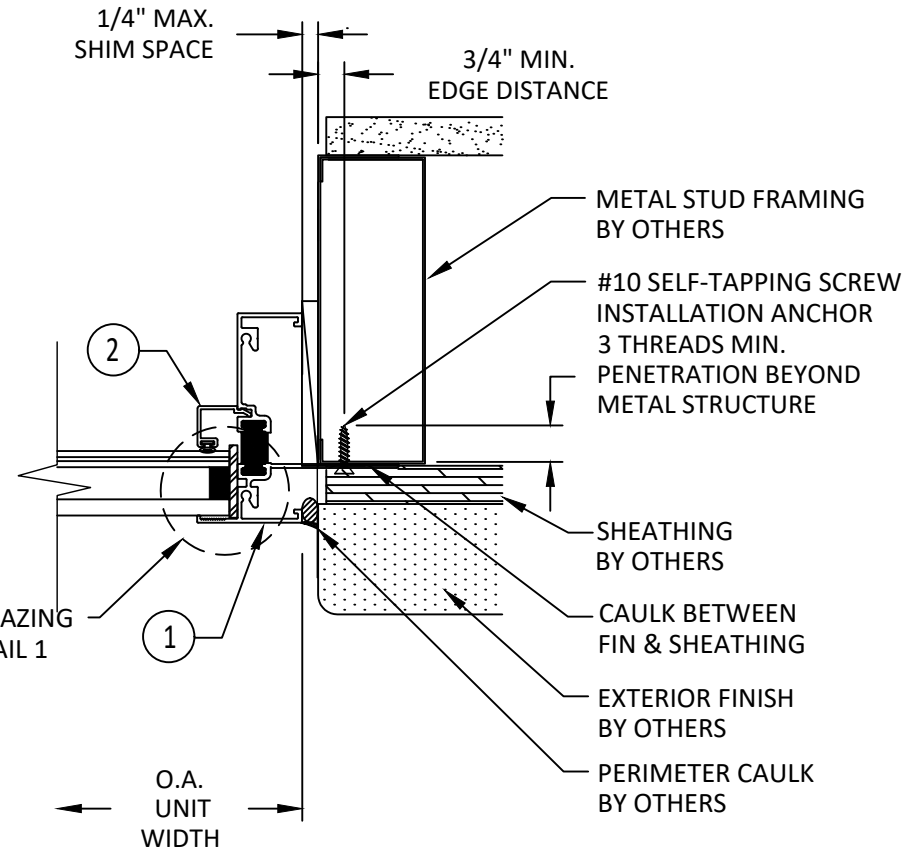
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D HORIZONTAL SECTION
4 JAMB - 2X WOOD BUCK



E HORIZONTAL SECTION
4 MULLION



F HORIZONTAL SECTION
4 JAMB - METAL STUD

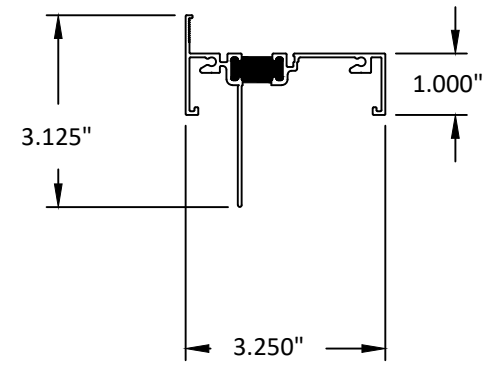
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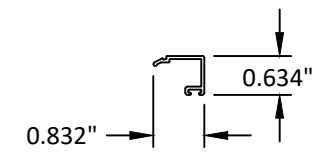
BILL OF MATERIALS

NO.	DESCRIPTION	MATERIAL	MANUFACTURER
1	FIXED WINDOW FRAME	ALUMINUM 6063-T6	QUAKER
2	GLAZING STOP	ALUMINUM 6063-T6	QUAKER
3	MULLION	ALUMINUM 6063-T6	QUAKER
4	MULLED FRAME	ALUMINUM 6063-T6	QUAKER

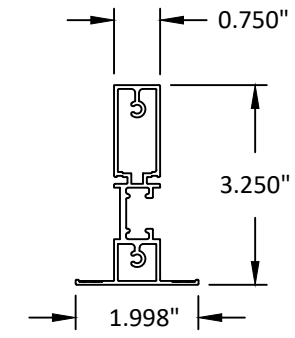
1 FRAME- HEAD,SILL & JAMB
6063-T6 ALUMINUM
TYPICAL WALL
THICKNESS: 0.062"



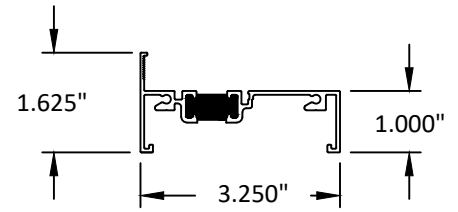
2 JAMB GLAZING STOP
6063-T6 ALUMINUM
TYPICAL WALL
THICKNESS: 0.062"



3 MULLION
6063-T6 ALUMINUM
TYPICAL WALL
THICKNESS: 0.062"



4 MULLED FRAME
6063-T6 ALUMINUM
TYP. WALL THICKNESS: 0.062"



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BILL OF MATERIALS &
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