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YKK AP AMERICA RESIDENTIAL

STYLEVIEW / PRECEDENCE TWIN & TRIPLE CASEMENT WINDOW

(NON-HVHZ) (NON-IMPACT)

INSTALLATION NOTES:

- ONE (1) INSTALLATION ANCHOR IS REQUIRED AT EACH ANCHOR LOCATION SHOWN.
- THE NUMBER OF INSTALLATION ANCHORS DEPICTED IS THE MINIMUM NUMBER OF ANCHORS TO BE USED FOR PRODUCT INSTALLATION.
- INSTALL INDIVIDUAL INSTALLATION ANCHORS WITHIN A TOLERANCE OF ±1/2 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.
- SHIM AS REQUIRED AT EACH INSTALLATION ANCHOR WITH LOAD BEARING SHIM(S). MAXIMUM ALLOWABLE SHIM STACK TO BE 1/4 INCH. SHIM WHERE SPACE OF 1/16 INCH OR GREATER OCCURS. SHIM(S) SHALL BE CONSTRUCTED OF HIGH DENSITY PLASTIC OR BETTER.
- FOR INSTALLATION INTO WOOD FRAMING USE #10 WOOD SCREWS OF SUFFICIENT LENGTH TO ACHIEVE 1 1/2 INCH MINIMUM EMBEDMENT INTO WOOD SUBSTRATE.
- FOR INSTALLATION INTO METAL STUD USE #10 SELF-DRILLING SCREWS THROUGH THE FRAME OF SUFFICIENT LENGTH TO ACHIEVE A MINIMUM OF 3 THREADS PENETRATION BEYOND METAL FRAME SUBSTRATE.
- FOR INSTALLATION THROUGH 1X BUCK TO CONCRETE/MASONRY, OR DIRECTLY INTO CONCRETE/MASONRY, USE 3/16 INCH DIAMETER ITW TAPCONS OF SUFFICIENT LENGTH TO ACHIEVE 1 1/4 INCH MINIMUM EMBEDMENT.
- MINIMUM EMBEDMENT AND EDGE DISTANCE EXCLUDE WALL FINISHES, INCLUDING BUT NOT LIMITED TO STUCCO, FOAM, BRICK VENEER, AND SIDING.
- INSTALLATION ANCHORS AND ASSOCIATED HARDWARE MUST BE MADE OF CORROSION RESISTANT MATERIAL OR HAVE A CORROSION RESISTANT COATING.
- FOR HOLLOW BLOCK AND GROUT FILLED BLOCK, DO NOT INSTALL INSTALLATION ANCHORS INTO MORTAR JOINTS. EDGE DISTANCE IS MEASURED FROM FREE EDGE OF BLOCK OR EDGE OF MORTAR JOINT INTO FACE SHELL OF BLOCK.
- 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.
- INSTALLATION ANCHOR CAPACITIES FOR PRODUCTS HEREIN ARE BASED ON SUBSTRATE MATERIALS WITH THE FOLLOWING PROPERTIES:
 - WOOD - MINIMUM SPECIFIC GRAVITY OF 0.55.
 - STEEL - MINIMUM YIELD STRENGTH OF 33 KSI. MINIMUM 18 GA. WALL THICKNESS.
 - CONCRETE -MINIMUM COMPRESSIVE STRENGTH OF 3000 PSI.
 - MASONRY - STRENGTH CONFORMANCE TO ASTM C-90, WITH MINIMUM COMPRESSIVE STRENGTH OF 2000 PSI.

GENERAL NOTES:

- THE PRODUCT SHOWN HEREIN IS DESIGNED AND MANUFACTURED TO COMPLY WITH THE CURRENT EDITION FLORIDA BUILDING CODE (FBC), **EXCLUDING** HVHZ AND HAS BEEN EVALUATED ACCORDING TO THE FOLLOWING:
 - AAMA/WDMA/CSA 101/I.S.2/A440-11/17
- ADEQUACY OF THE EXISTING STRUCTURAL CONCRETE/MASONRY, 2X FRAMING AND 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.
- 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 ENGINEER OR ARCHITECT OF RECORD FOR THE PROJECT OF INSTALLATION.
- 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 IN NON-HVHZ AREAS.
- APPROVED IMPACT PROTECTIVE SYSTEM **IS REQUIRED** ON THIS PRODUCT IN AREAS REQUIRING IMPACT RESISTANCE.
- WINDOW FRAME MATERIAL: PVC
- DESIGNATIONS "X" AND "O" STAND FOR THE FOLLOWING:
 - X: OPERABLE VENT
 - O: FIXED VENT
- GLAZING SHALL MEET ASTM E1300 REQUIREMENTS, SEE SHEET 4 FOR GLAZING DETAIL.

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4	MULLIONS & GLAZING DETAIL

UNIT DIMENSIONS			
CONFIGURATION	DESIGN PRESSURE	MAXIMUM SIZE	MISSILE IMPACT RATING
XX	+35 / -35 PSF	71.5" X 79.5"	NOT RATED
XX	+50 / -50 PSF	71.5" X 79.5"	NOT RATED
XOX	+50 / -50 PSF	108" X 80"	NOT RATED



YKK AP AMERICA, INC.
101 MARIETTA STREET NW, SUITE 2100
ATLANTA, GA 30303
PH: (678) 838-6000

TITLE: STYLEVIEW/PRECEDENCE TWIN & TRIPLE CASEMENT WINDOW (NON-HVHZ) (NON-IMPACT)

INSTALLATION & GENERAL NOTES

PREPARED BY:

BUILDING DROPS, INC.

398 E. DANIA BEACH BLVD., STE. 338

DANIA BEACH, FL 33004

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FAX: (954)744-4738

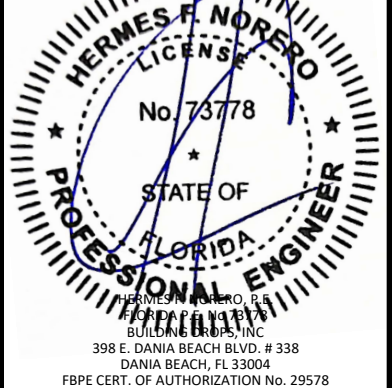
WEB: www.buildingdrops.com



REMARKS	BY	DATE
108" X 80 " ADDED	LA	05.04.17
7TH FBC CODE CHANGE	MS	04.14.20
8TH FBC CODE CHANGE	FB	08.30.23

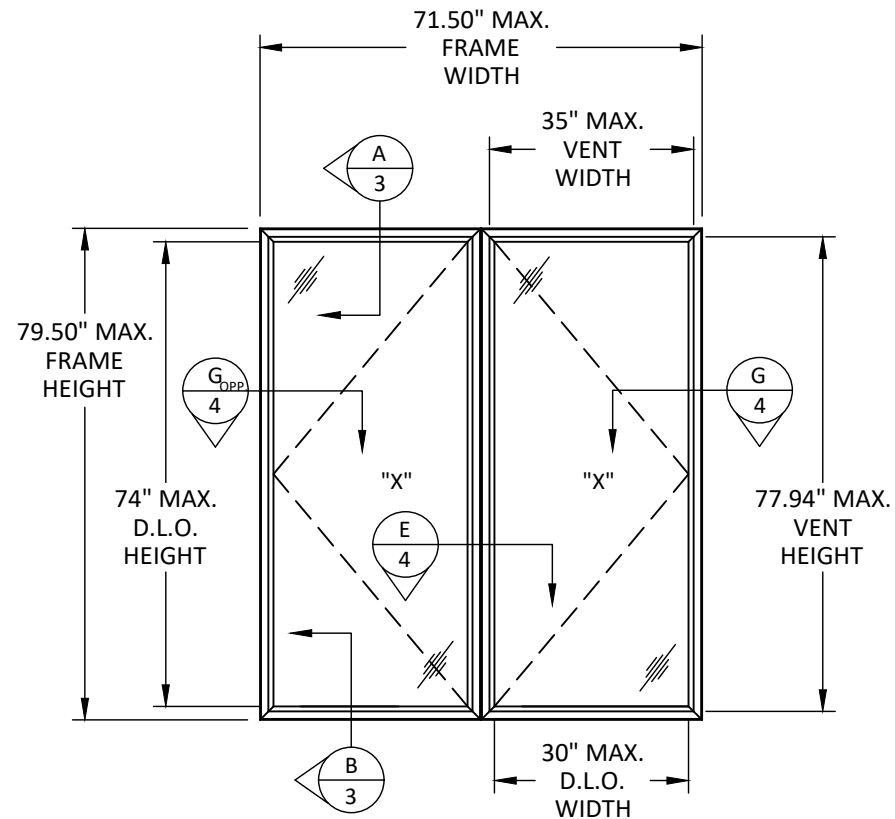
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Digitally signed by Hermes F. Norero, P.E.
Reason: I am approving this document
Date: 2023.12.06 18:01:47 -05'00'

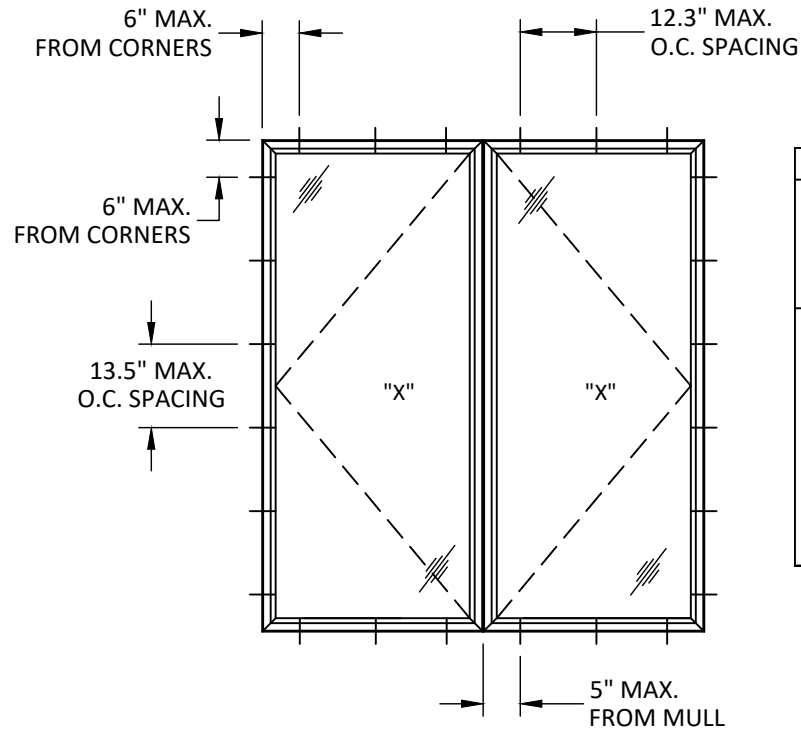


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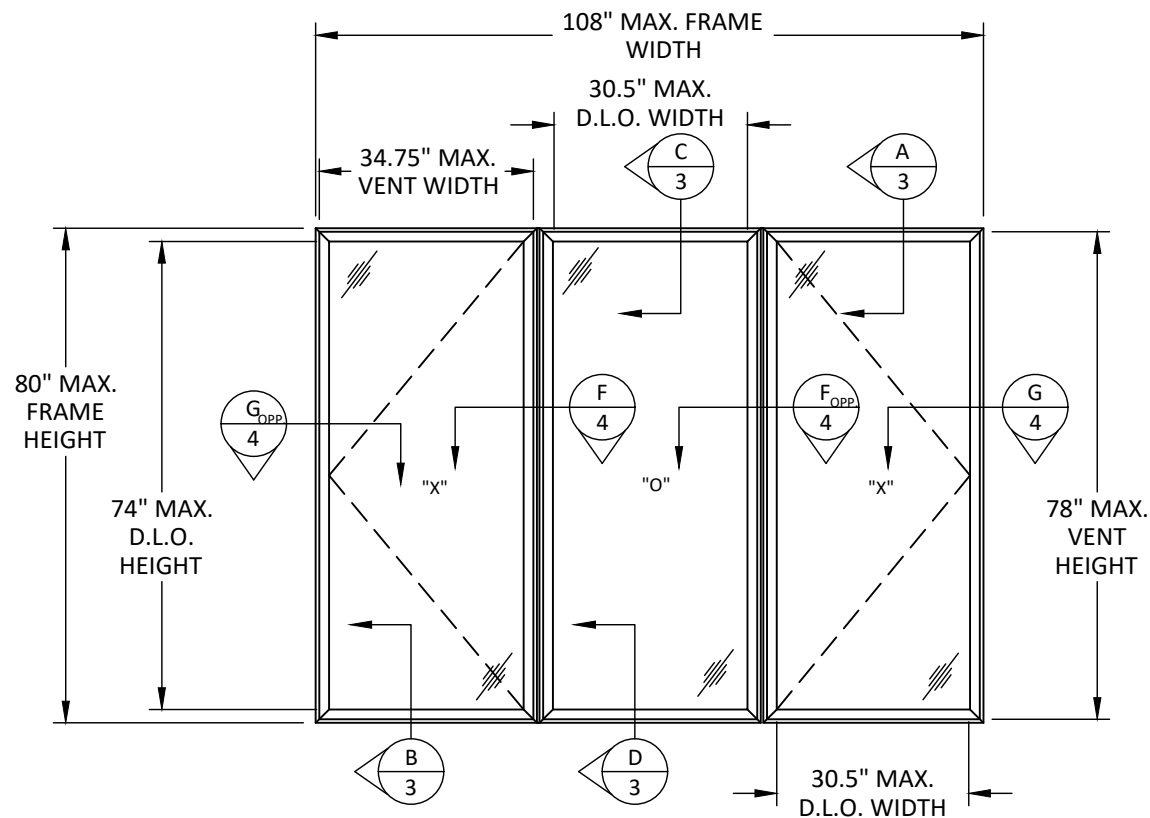


**TYPICAL ELEVATION
TWIN CASEMENT**

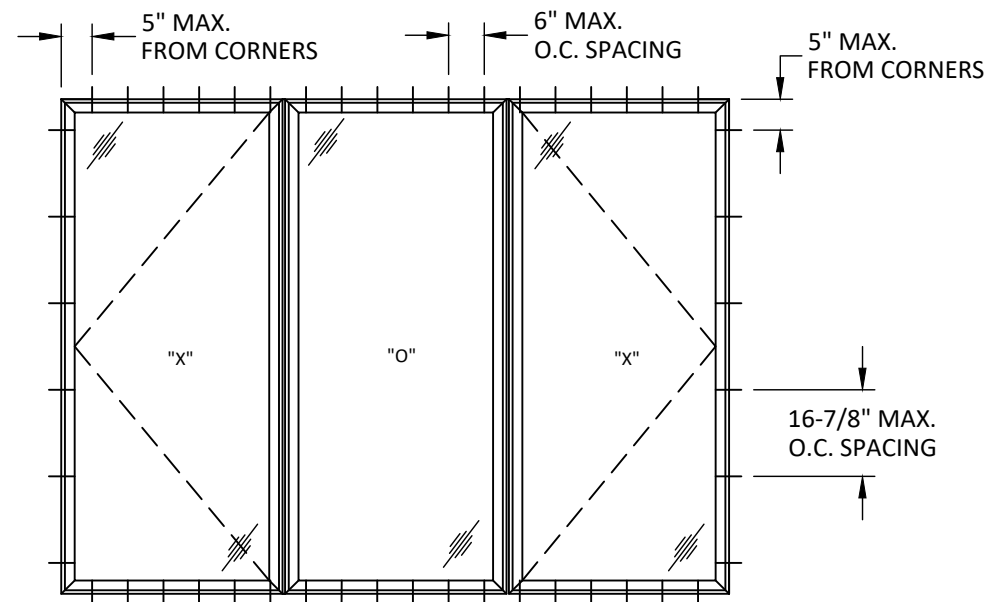


**ANCHOR LAYOUT
THROUGH FRAME
TWIN CASEMENT**

ANCHOR SCHEDULE				
METHOD	SUBSTRATE	ANCHOR	MIN. ENBEDMENT	MIN. EDGE DISTANCE
THROUGH FRAME	MIN S.G = 0.55 WOOD	#10 WOOD SCREW	1.50"	0.75"
	18 GAUGE STEEL, MIN f'Y = 33KSI	#10 SELF-DRILLING SCREW	3 THREADS PENETRATION BEYOND METAL	0.75"
	CONCRETE, f'c = 3000 PSI MIN.	3/16" ITW TAPCON	1.25"	2.50"
	CMU per ASTM C90	3/16" ITW TAPCON	1.25"	2.50"



**TYPICAL ELEVATION
TRIPLE CASEMENT**



**ANCHOR LAYOUT
THROUGH FRAME
TRIPLE CASEMENT**



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ELEVATION, ANCHOR LAYOUTS
& SCHEDULE

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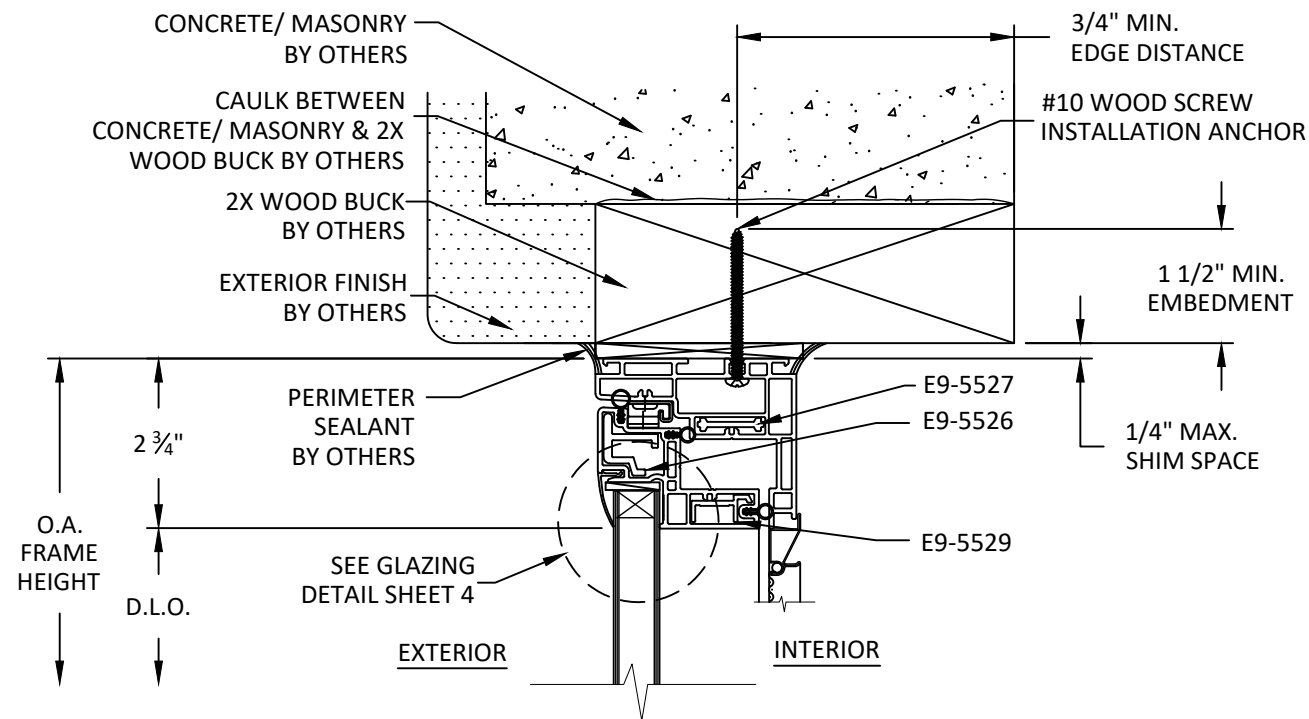
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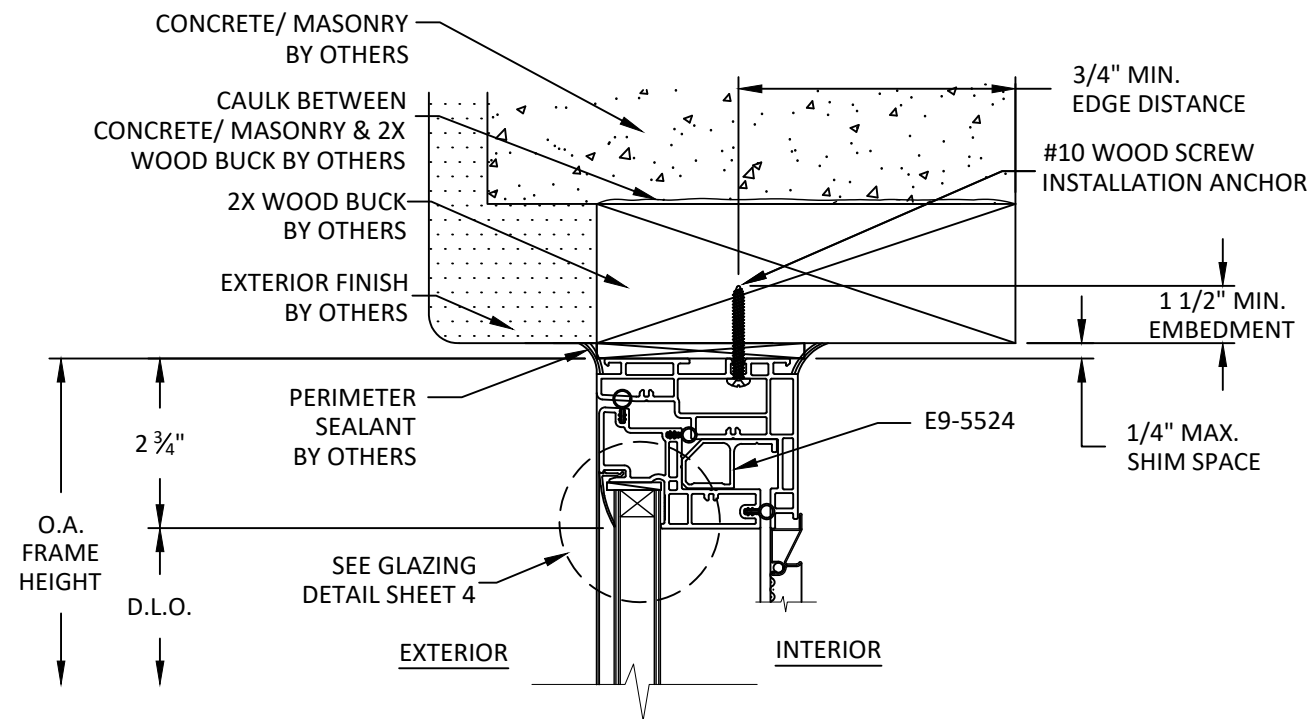


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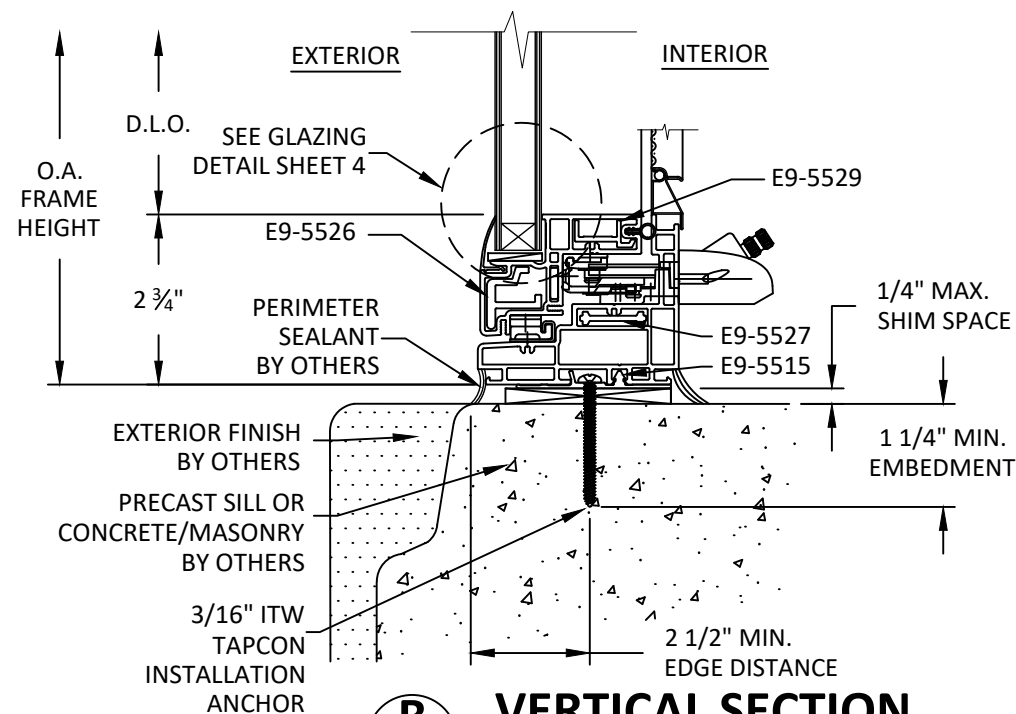
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A
3 **VERTICAL SECTION**
HEAD - 2X WOOD BUCK
THROUGH FRAME / OPERABLE

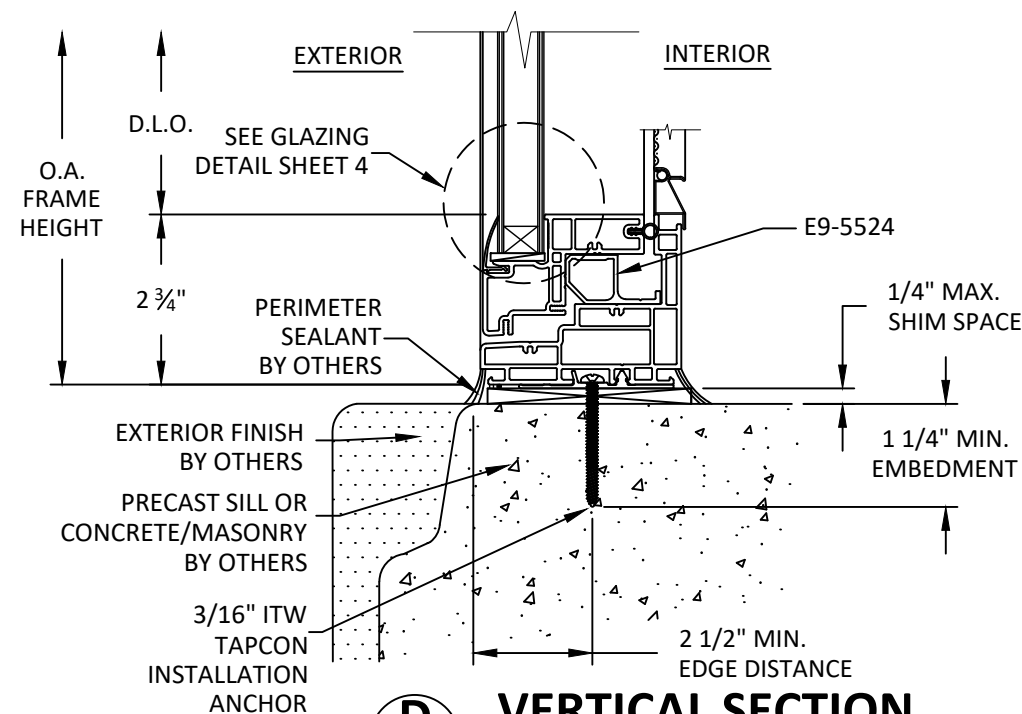


C
3 **VERTICAL SECTION**
HEAD - 2X WOOD BUCK
THROUGH FRAME / FIXED



B
3 **VERTICAL SECTION**
SILL - CONCRETE/MASONRY
THROUGH CLIP / OPERABLE

REINFORCEMENT SCHEDULE	
HEAD OPERABLE	E9-5526
	E9-5527
	E9-5529
SILL OPERABLE	E9-5526
	E9-5527
	E9-5529
JAMB	E9-5526
	E9-5527
	E9-5529
MULLION 'X' - 'X'	E9-5525
	E9-5526
	E9-5527
MULLION 'X' - 'O' 'O' - 'X'	E9-5524
	E9-5525
	E9-5526
HEAD FIXED	E9-5527
	E9-5529
SILL FIXED	E9-5524
	E9-5525
	E9-5526



D
3 **VERTICAL SECTION**
SILL - CONCRETE/MASONRY
THROUGH CLIP / FIXED



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VERTICAL & HORIZONTAL SECTIONS
THROUGH FRAME

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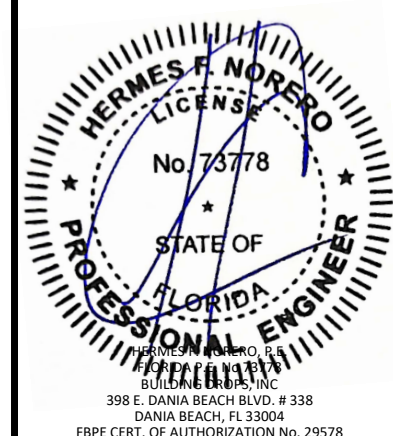
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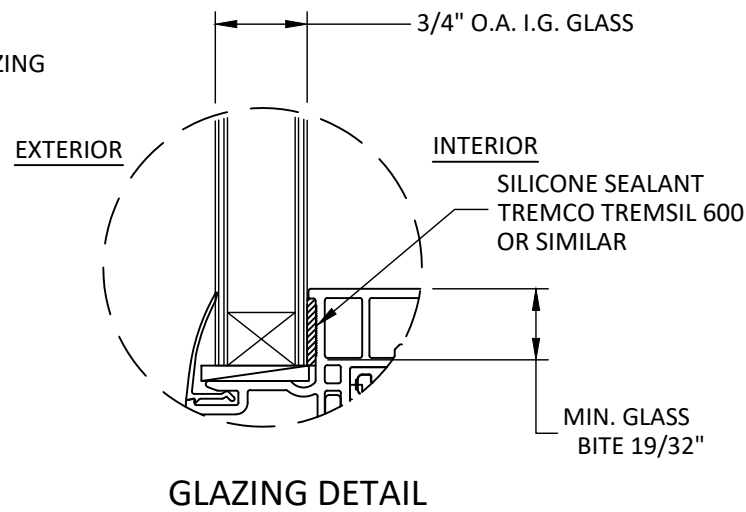
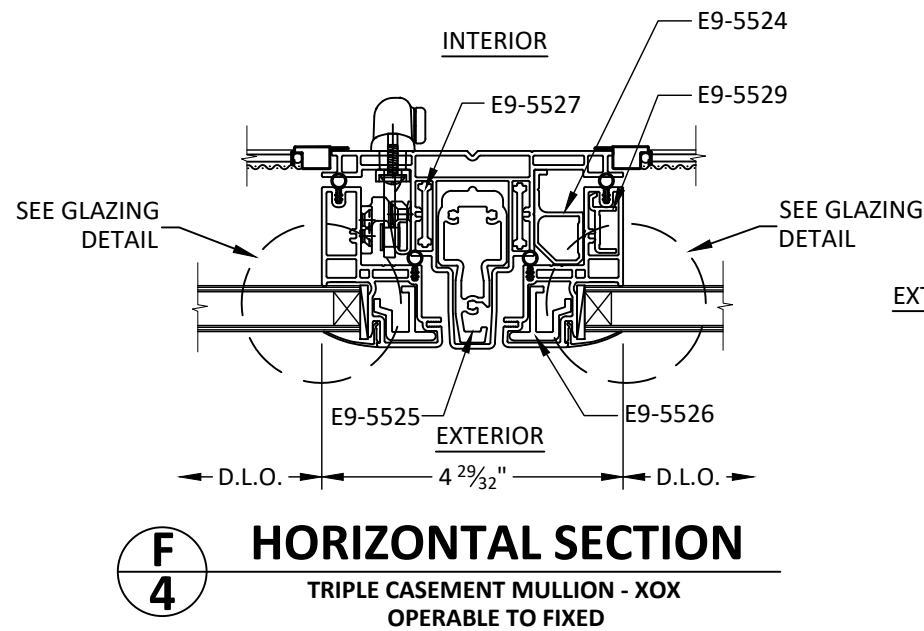
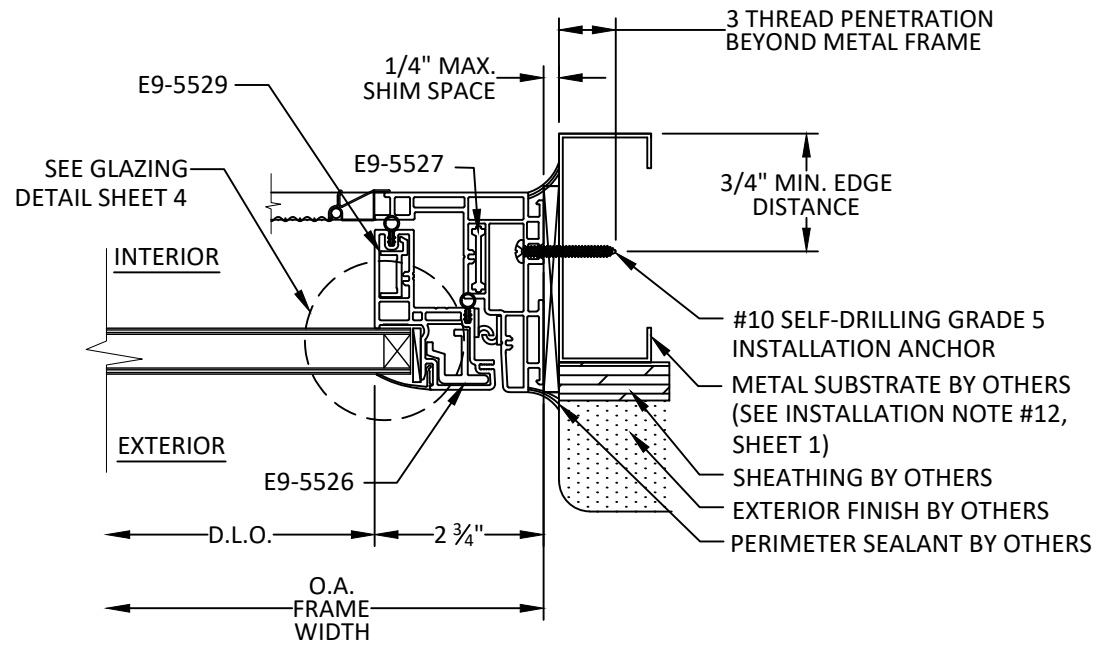
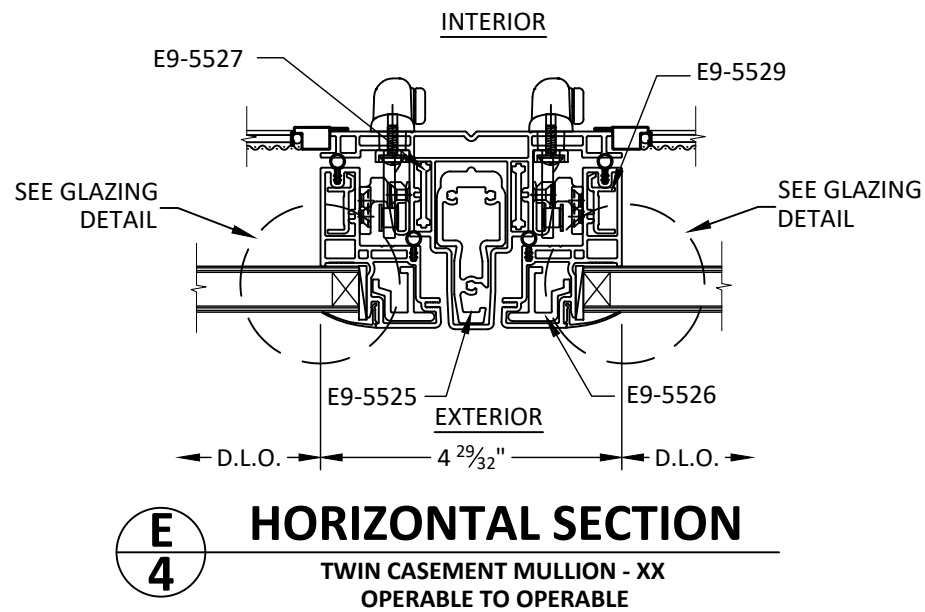
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GLAZING NOTES:

1. GLASS THICKNESS AND TYPE SHALL COMPLY WITH ASTM E1300 GLASS STRENGTH REQUIREMENTS.
2. SETTING BLOCK DUROMETER HARDNESS OF 70-90 (SHORE A) AS REFERENCED IN FBC CHAPTER 24.
3. SETTING BLOCK TO BE LOCATED AT 1/4 SPAN LENGTH FOR GLASS WIDER THAN 36" PER FBC CHAPTER 24.
4. ALL GLAZING CONFIGURATIONS SHALL COMPLY WITH SAFETY GLAZING REQUIREMENTS OUTLINED IN CURRENT FBC.

INTERCEPT STAINLESS STEEL OR TIN PLATED SPACER:
AROUND THE PERIMETER OF THE GLASS

PRIMARY SEALANT:
POLYISOBUTYLENE (PIB)

SECONDARY SEALANT:
STRUCTURAL SILICONE INTENDED FOR FABRICATION
OF INSULATED GLASS UNITS.



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