

KAWNEER COMPANY

TR-8300 SLIDING GLASS DOORS

(NON-HVHZ) (NON-IMPACT)

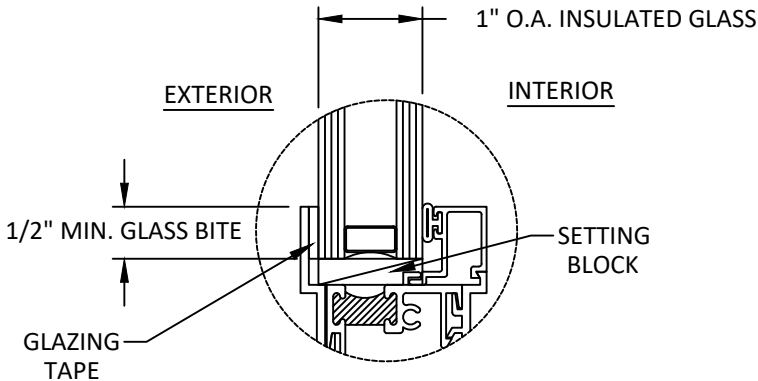
GENERAL NOTES:

- THE PRODUCT SHOWN HEREIN IS DESIGNED AND MANUFACTURED TO COMPLY WITH THE CURRENT EDITION OF THE FLORIDA BUILDING CODE (FBC), **EXCLUDING** HVHZ AND HAS BEEN EVALUATED ACCORDING TO THE FOLLOWING:
 - AAMA/WDMA/CSA 101/I.S.2/A440-17
 - ASTM E283/E283M-19
 - ASTM E330/E330M-14(21)
 - ASTM E331-00(16)
- 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.
- FOR PROJECT SPECIFIC CONDITIONS, FASTENERS TO BE DESIGNED BY LICENSED ENGINEER OR ARCHITECT ON PROJECT BASIS.
- APPROVED IMPACT PROTECTIVE SYSTEM **IS REQUIRED** ON THIS PRODUCT IN AREAS REQUIRING IMPACT RESISTANCE.
- DOOR FRAME MATERIAL: ALUMINUM 6063-T6
- ALL STRUCTURAL MATERIALS & DISSIMILAR METALS SHALL BE PROTECTED, TREATED, PAINTED, COATED, AND/OR ISOLATED AS REQUIRED IN THE APPLICABLE SECTIONS OF THE CURRENT FLORIDA BUILDING CODE AND REFERENCED DESIGN SPECIFICATIONS.
- GLASS SHALL MEET THE REQUIREMENTS OF ASTM E1300 GLASS CHARTS. SEE SHEET 1 FOR GLAZING DETAILS.

DESIGN PRESSURE TABLE		
CONFIGURATION	DESIGN PRESSURE*	MISSILE IMPACT RATING
OX	+/- 50 PSF	NON-IMPACT
OXO	+/- 50 PSF	

* WHEN THE WATER INFILTRATION RESISTANCE IS REQUIRED, THE DESIGN PRESSURE OF DOOR WITH LOW PROFILE SILL IS LIMITED TO +26.6/-50 PSF.

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GLAZING DETAIL
OX & OXO

- GLAZING NOTES:
- GLASS TYPE AND THICKNESS SHALL COMPLY WITH ASTM E1300 REQUIREMENTS AS WELL AS APPLICABLE SAFETY GLAZING REQUIREMENTS PER THE FBC. THICKNESS, TEMPER, AND SAFETY GLAZING REQUIREMENTS SHALL BE REVIEWED ON A SITE SPECIFIC BASIS.
 - SETTING BLOCK DUROMETER HARDNESS OF 70-90 (SHORE A) AS REFERENCED IN FBC CHAPTER 24.
 - SETTING BLOCKS TO BE LOCATED AT 1/4 SPAN LENGTH FOR GLASS WIDER THAN 36" AS PER FBC CHAPTER 24.



KAWNEER COMPANY

555 GUTHRIDGE CT
NORCROSS, GA 30092
PH: (770) 840-6431

TITLE:
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GENERAL NOTES & GLAZING DETAIL

PREPARED BY:
BUILDING DROPS, INC.
1900 NE MIAMI COURT, SUITE 2-15
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PH: (954) 399-8478
FAX: (954) 744-4738
WEB: www.buildingdrops.com



REMARKS	BY	DATE
ADDING LOW SILL	MS	JAN. 26

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Digitally signed by Hermes F. Norero, P.E.
Reason: I am approving this document
Date: 2026.02.14 17:19:07 -0600



FL47265

DATE: 10.17.24

DWG. BY: DB
CHK. BY: HFN

SCALE: NTS

DWG. #: KAW030

SHEET:

1

OF 7



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ELEVATIONS

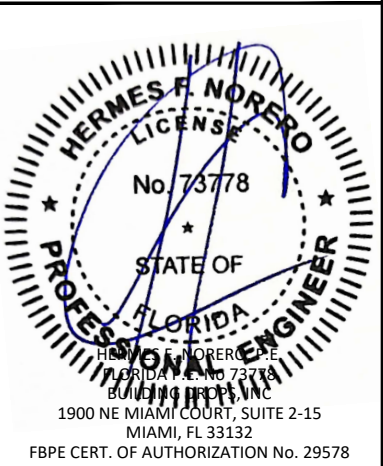
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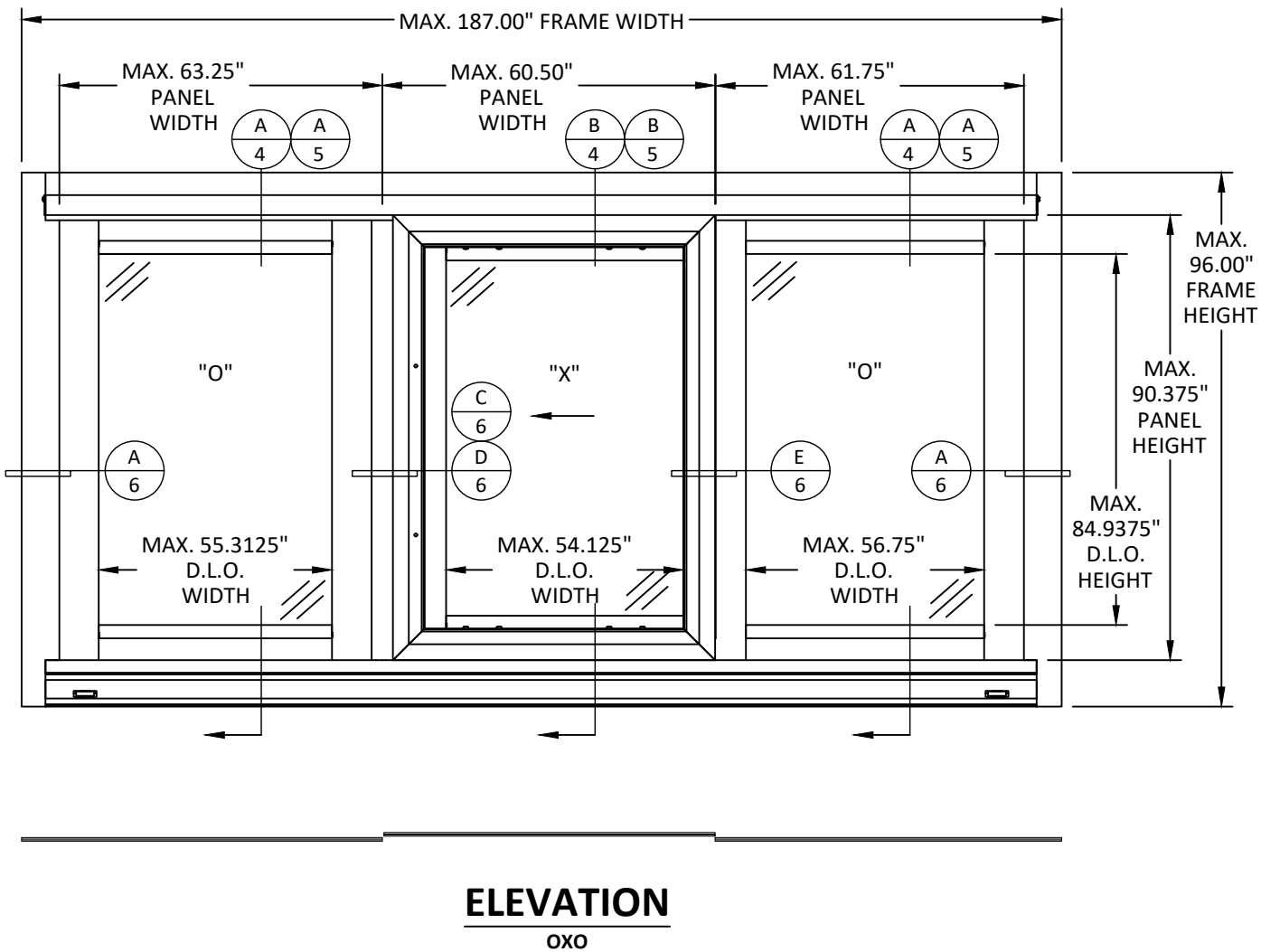
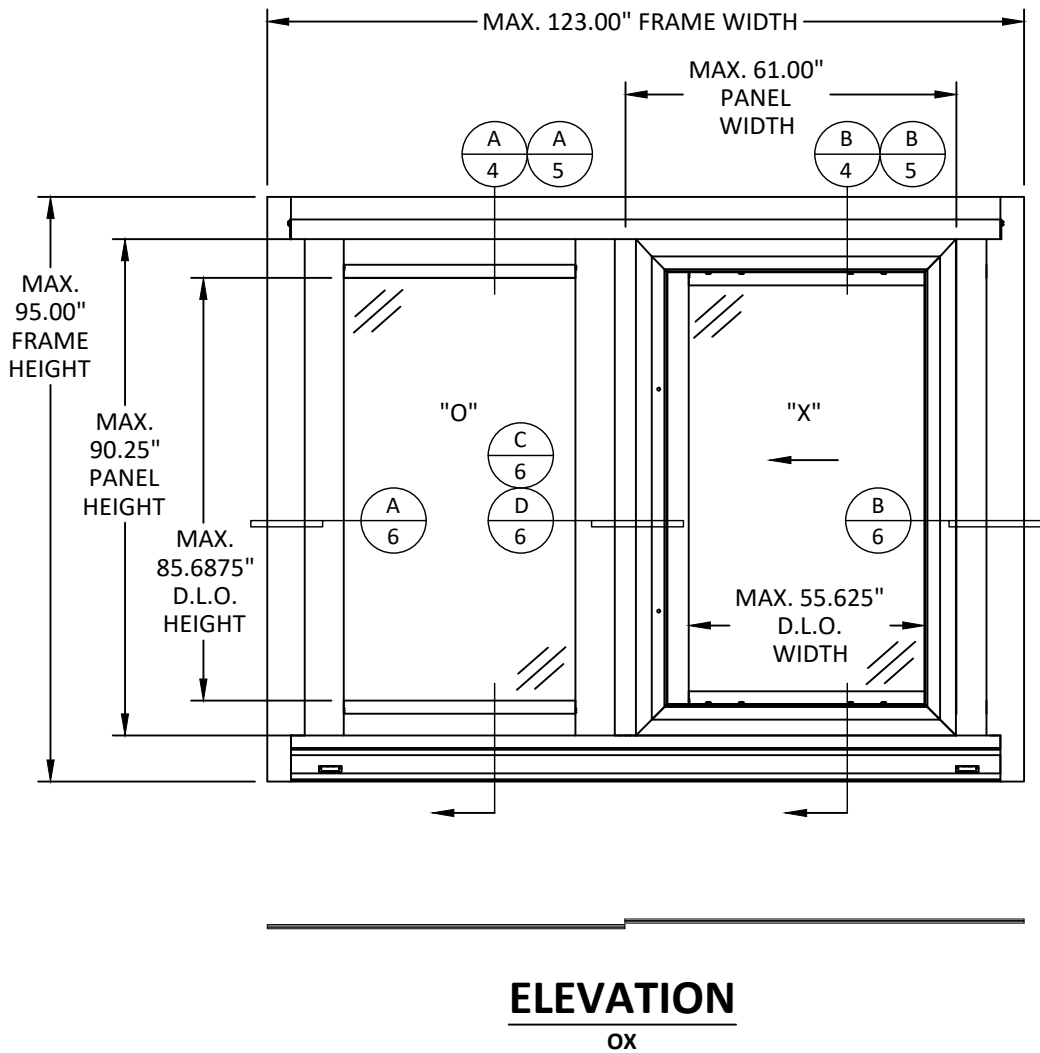
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ANCHOR LAYOUTS

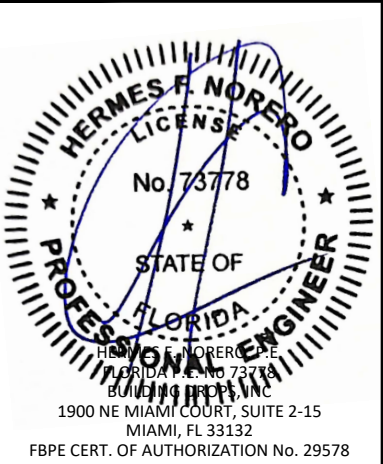
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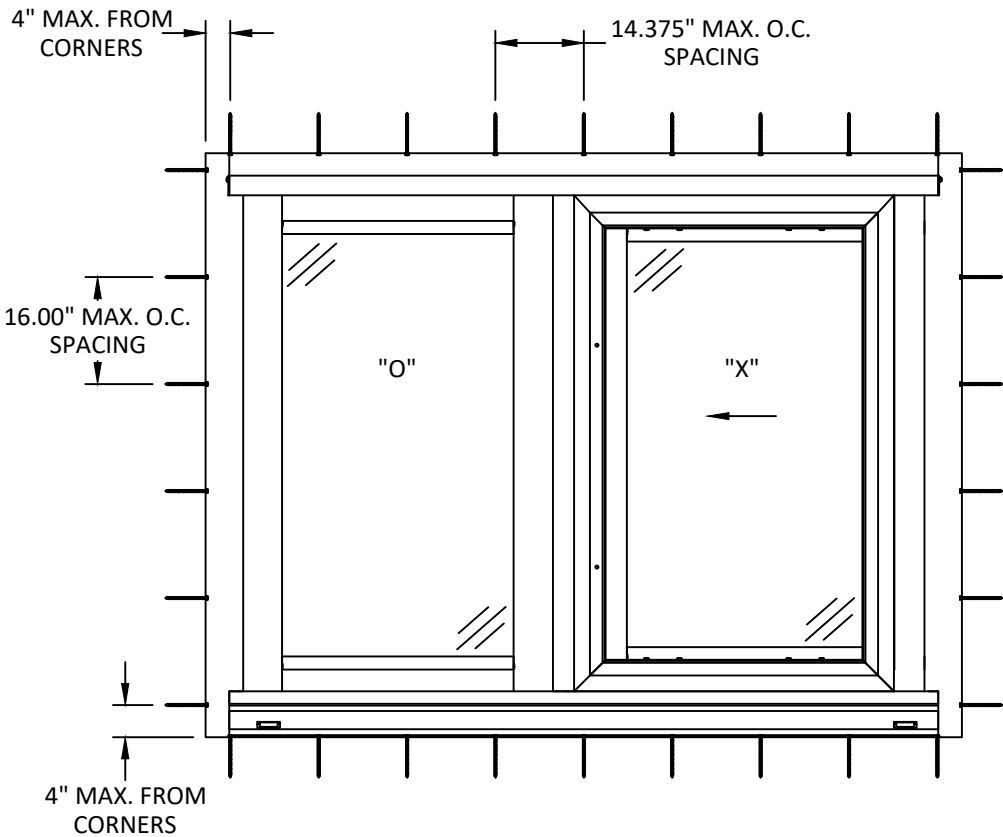
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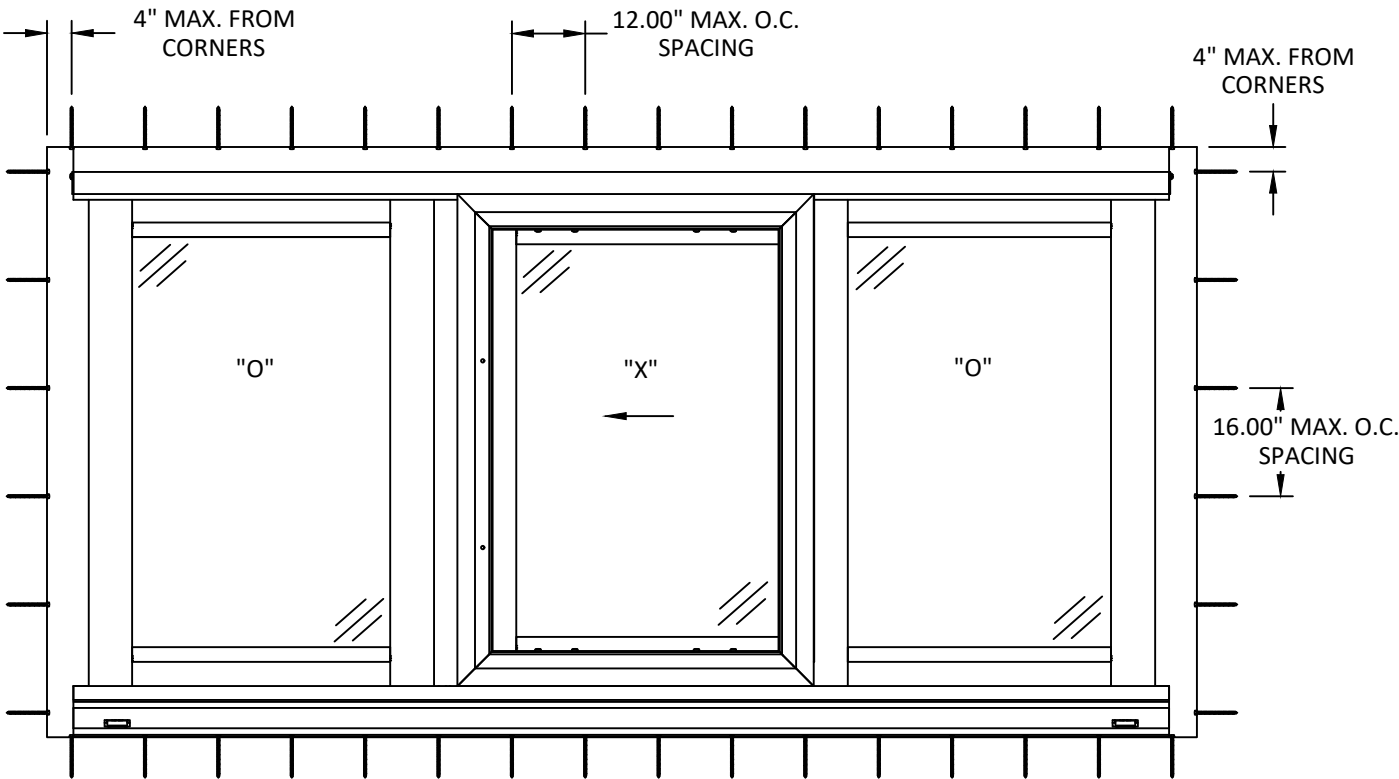
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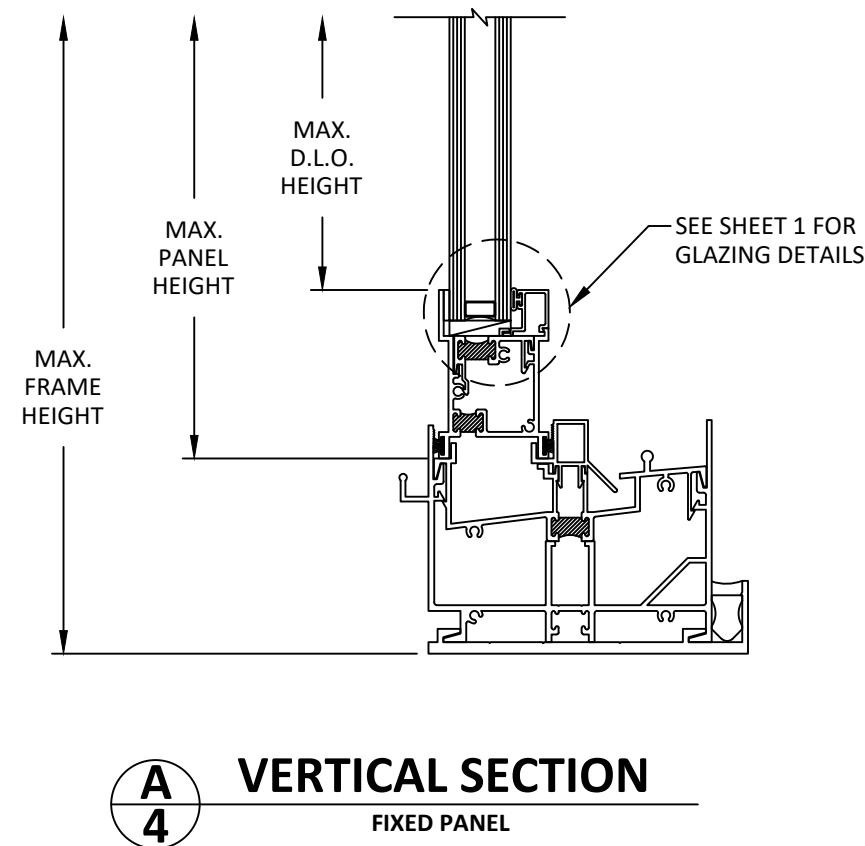
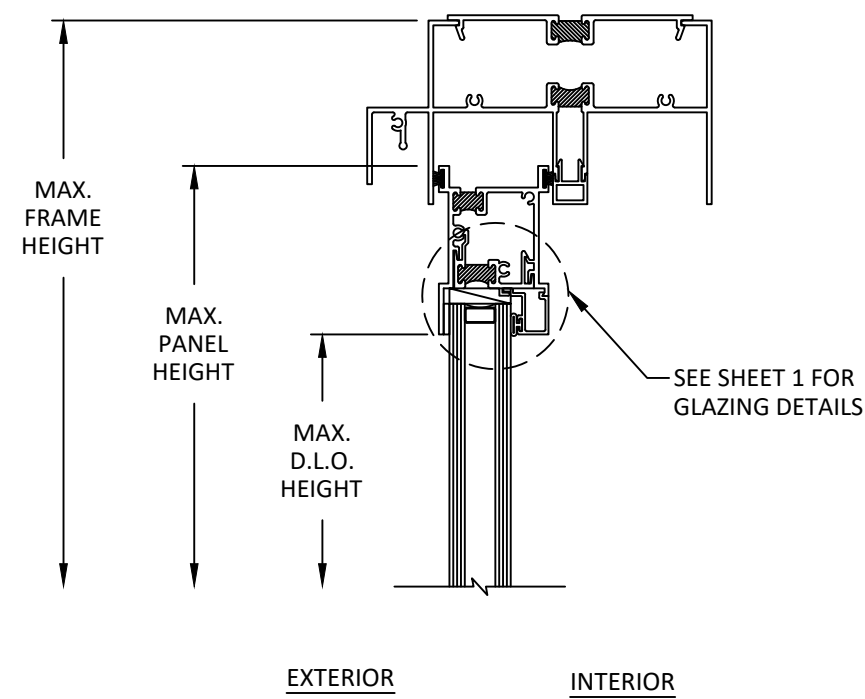
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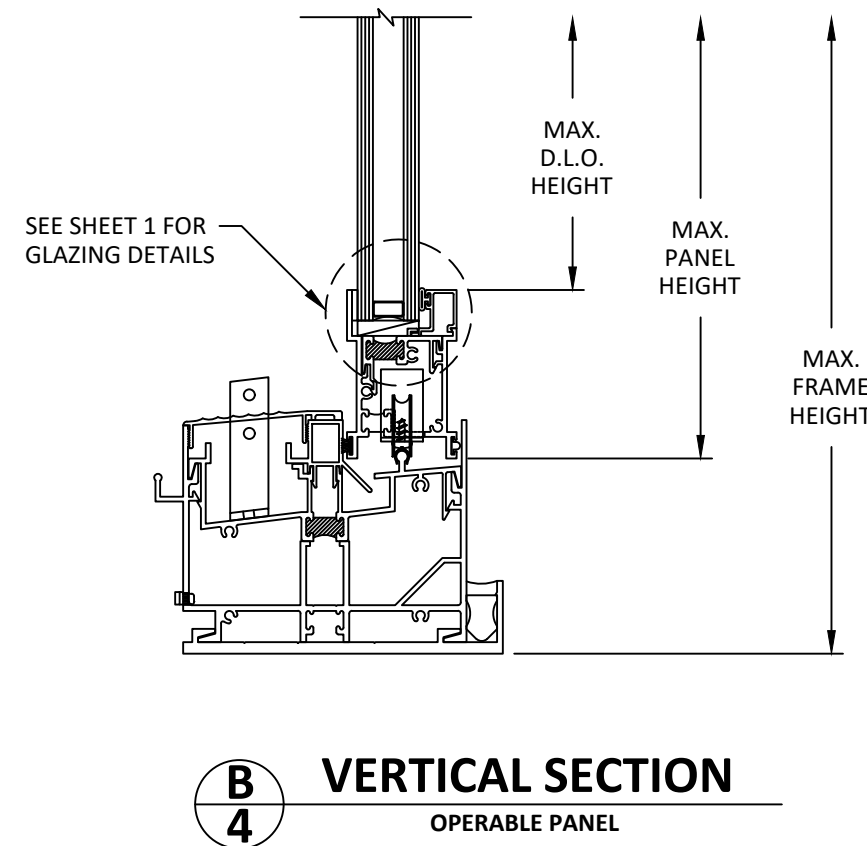
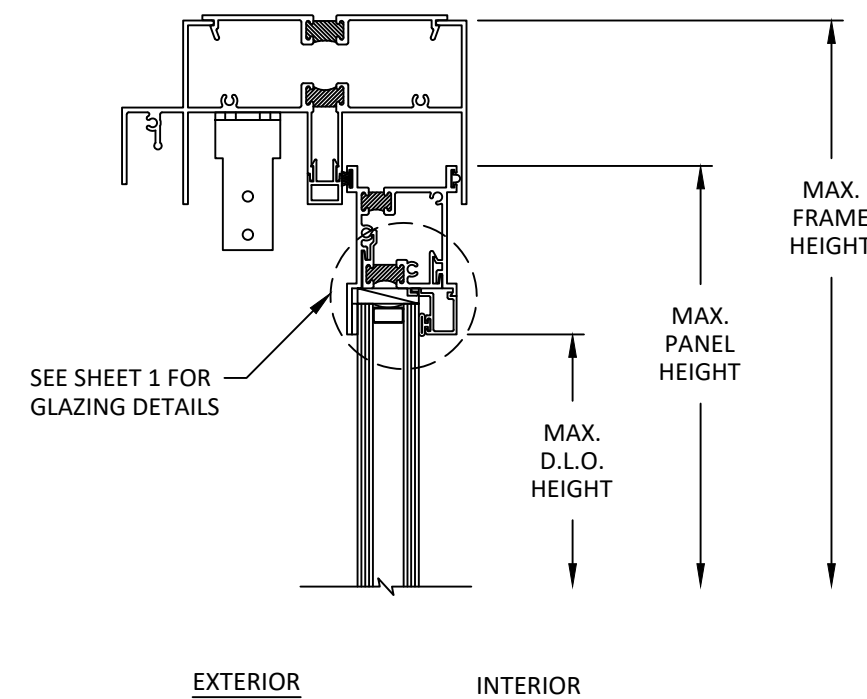
ANCHOR LAYOUT
OX



ANCHOR LAYOUT
OXO



A
4 VERTICAL SECTION
FIXED PANEL



B
4 VERTICAL SECTION
OPERABLE PANEL



KAWNEER
AN ARCONIC COMPANY

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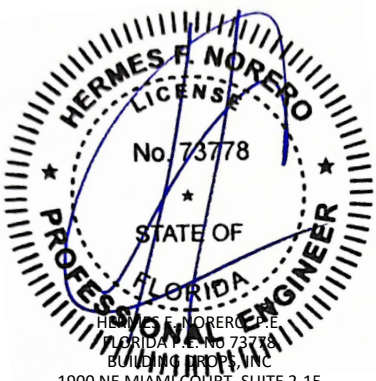
VERTICAL SECTIONS

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No. 73778
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PROFESSIONAL ENGINEER
HERMES F. NORERO, P.E.
FLORIDA P.E. NO. 73778
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1900 NE MIAMI COURT, SUITE 2-15
MIAMI, FL 33132
FBPE CERT. OF AUTHORIZATION No. 29578

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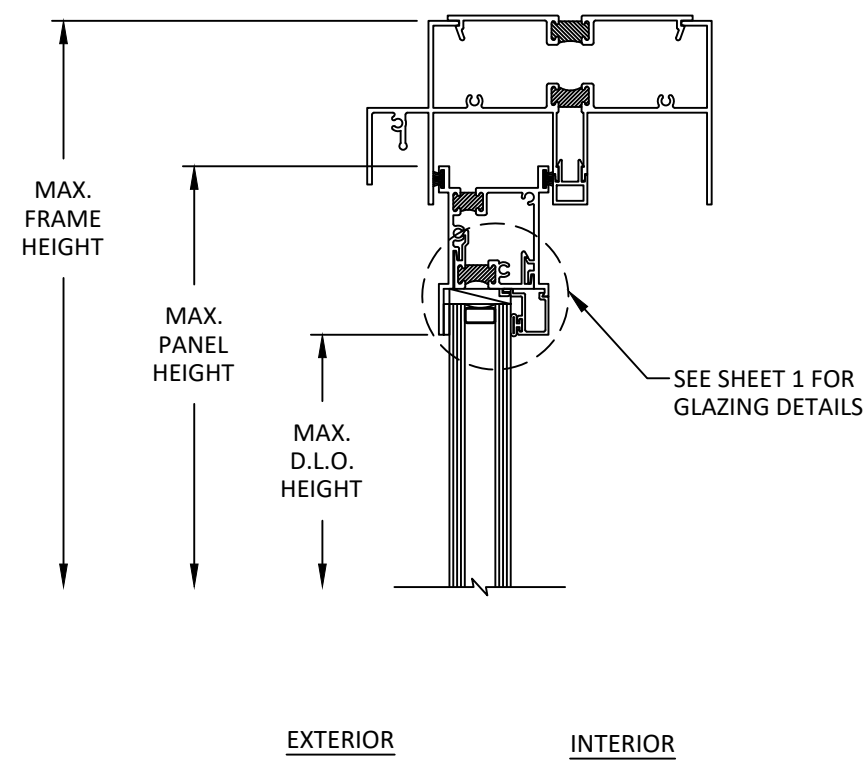
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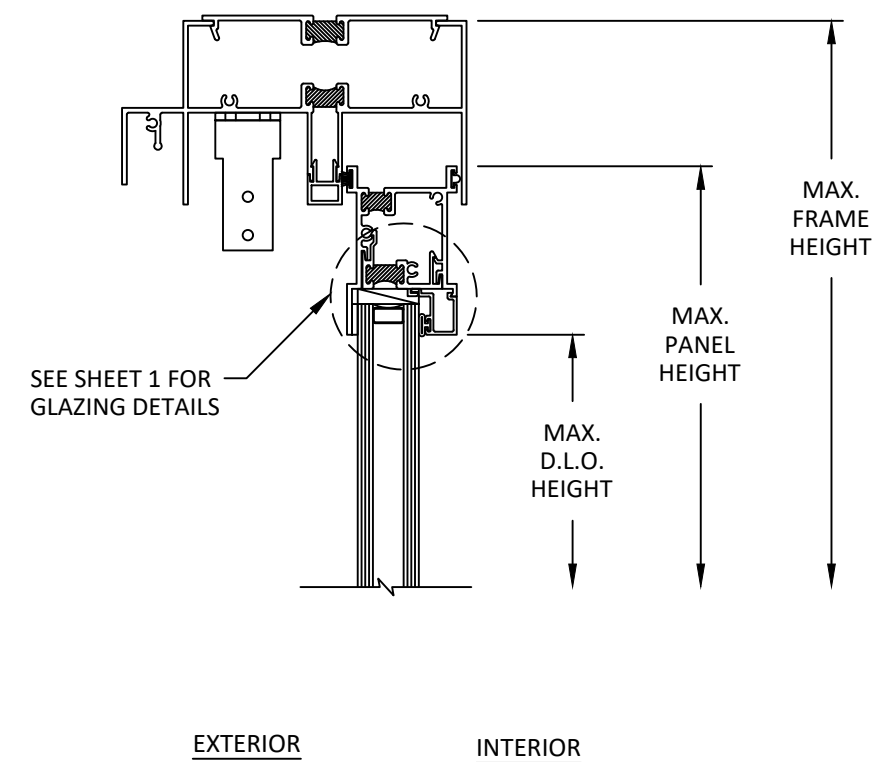
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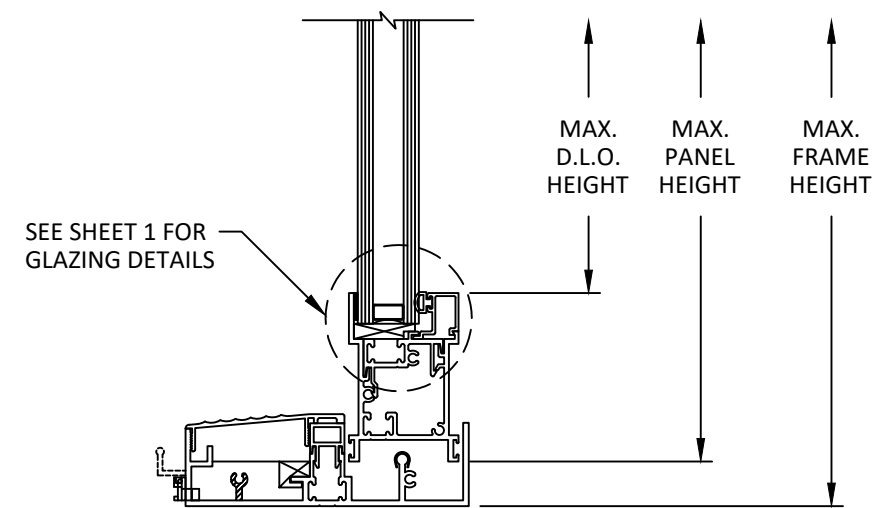
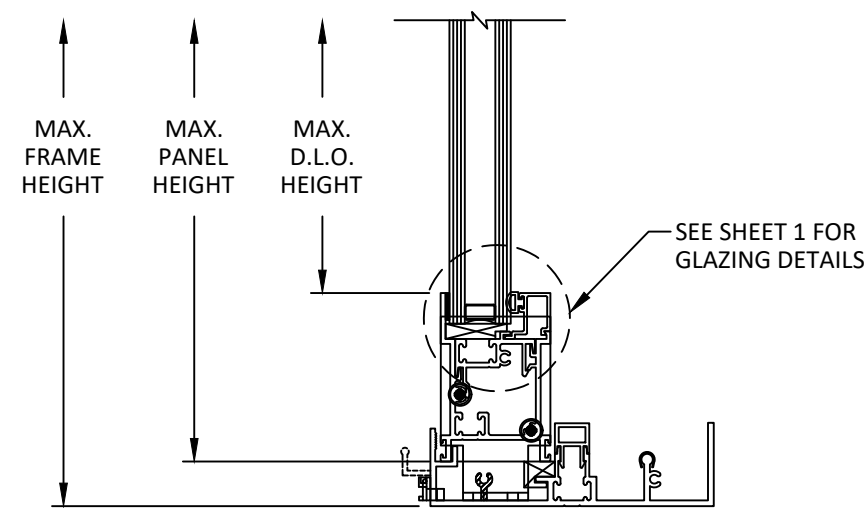
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A
5 **VERTICAL SECTION**
FIXED PANEL
LOW PROFILE SILL



B
5 **VERTICAL SECTION**
OPERABLE PANEL
LOW PROFILE SILL



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	PREPARED BY: BUILDING DROPS, INC. 1900 NE MIAMI COURT, SUITE 2-15 MIAMI, FL 33132 PH: (954) 399-8478 FAX: (954) 744-4738 WEB: www.buildingdrops.com	

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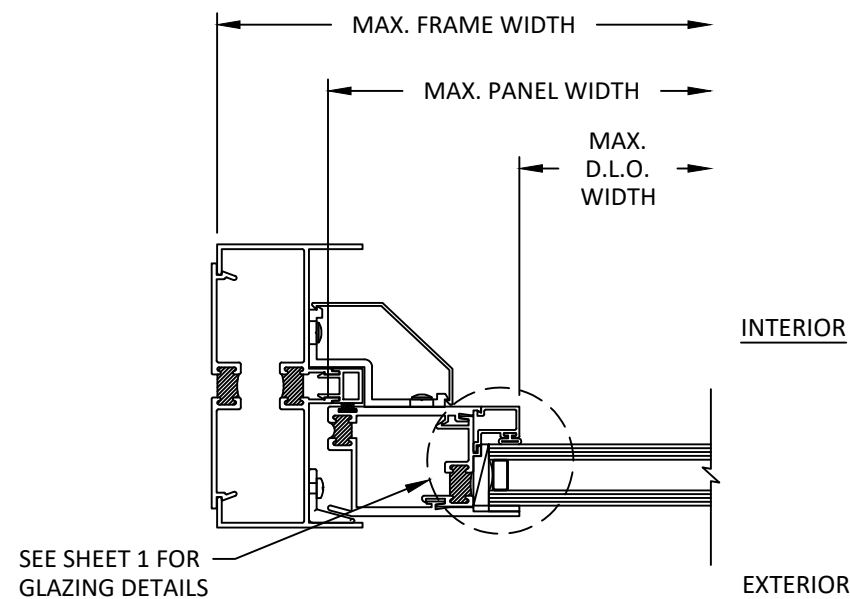
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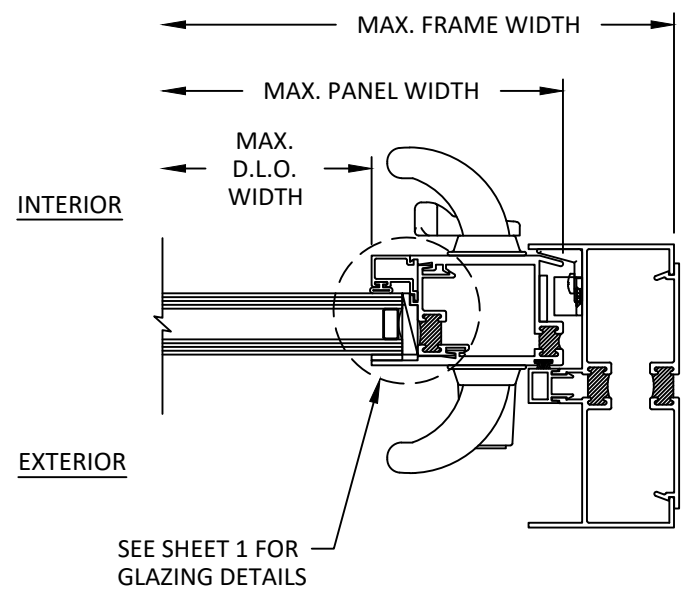
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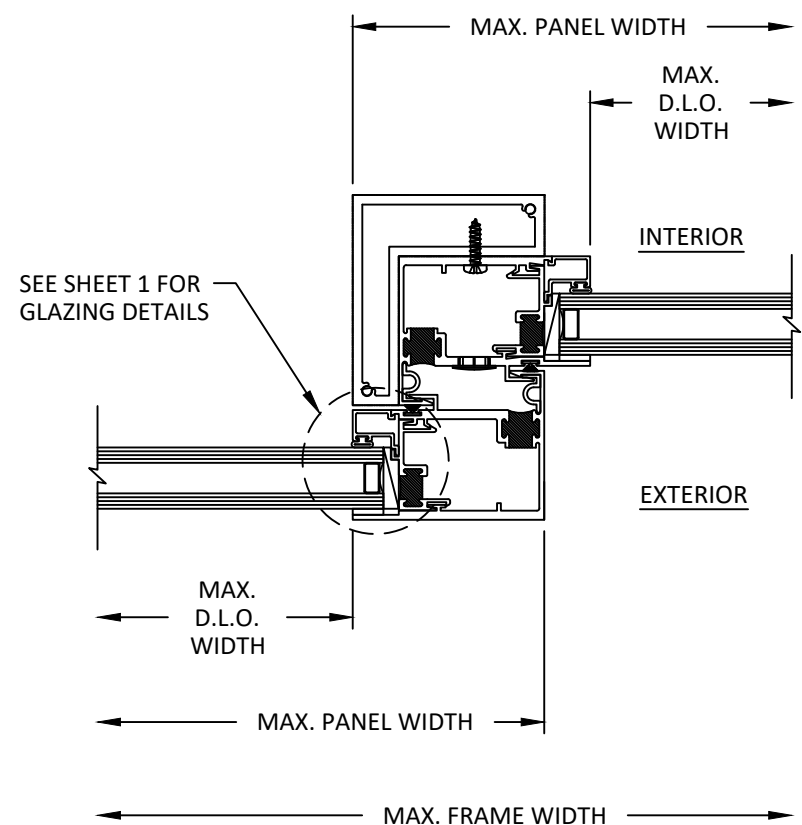
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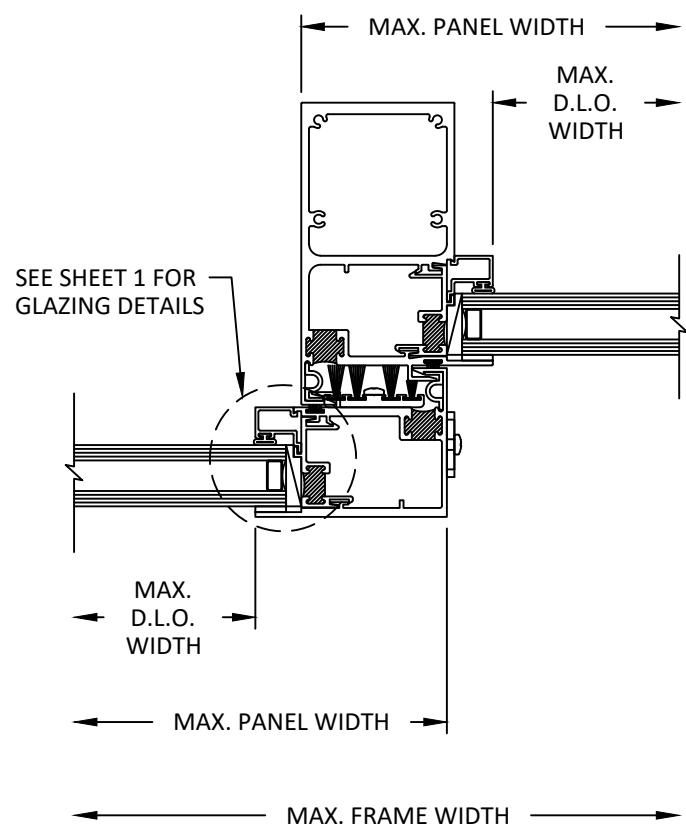
A HORIZONTAL SECTION
6 FIXED JAMB



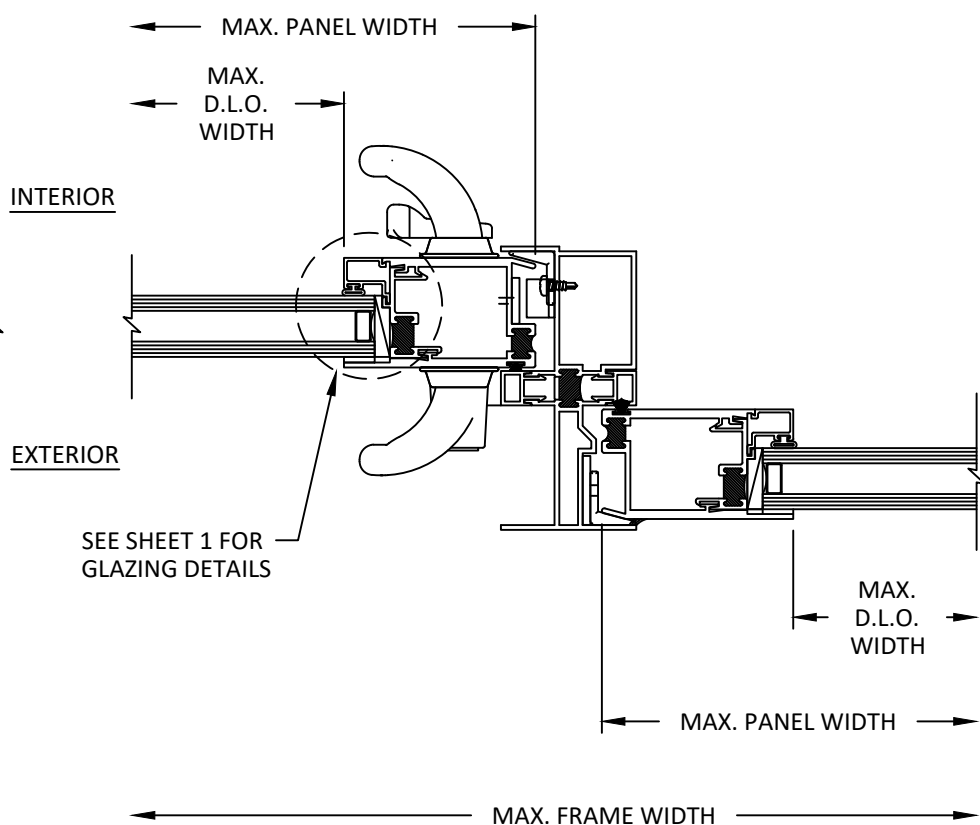
B HORIZONTAL SECTION
6 LOCK JAMB



C HORIZONTAL SECTION
6 INTERLOCK (OX/OXO)



D HORIZONTAL SECTION
6 INTERLOCK (OX/OXO)



E HORIZONTAL SECTION
6 LOCK STILE



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HORIZONTAL SECTIONS

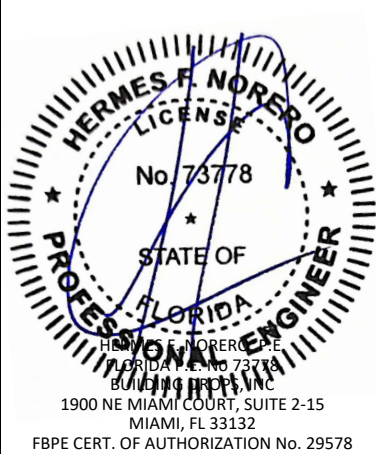
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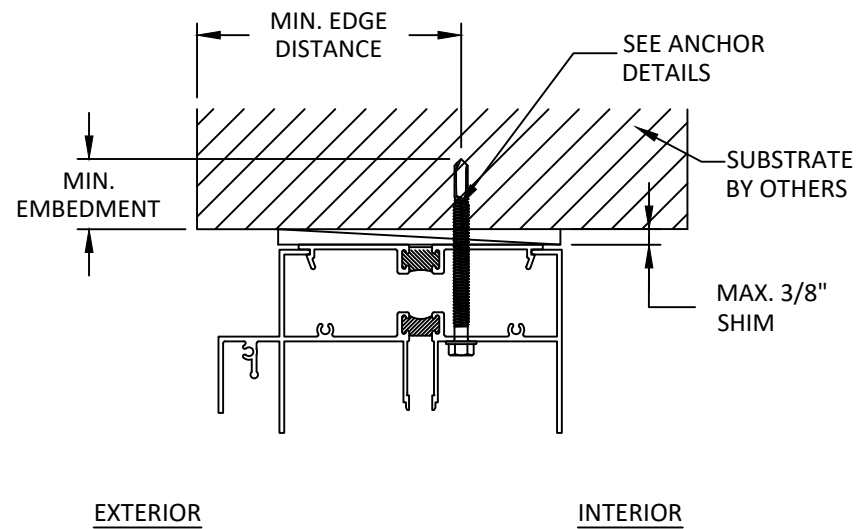
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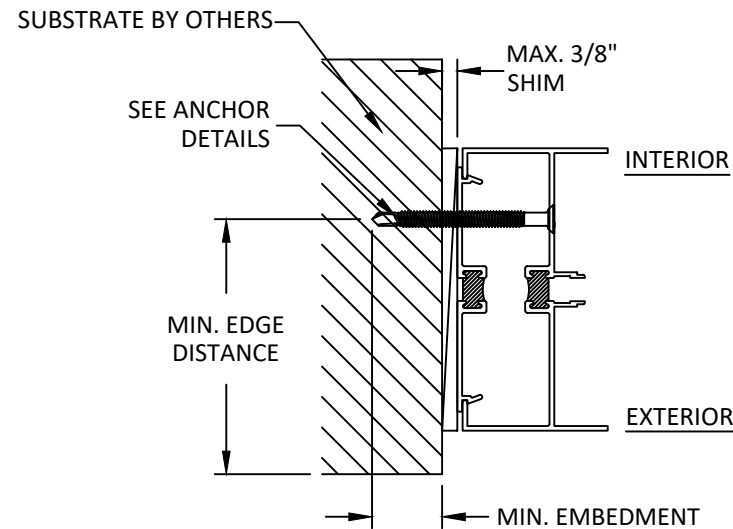
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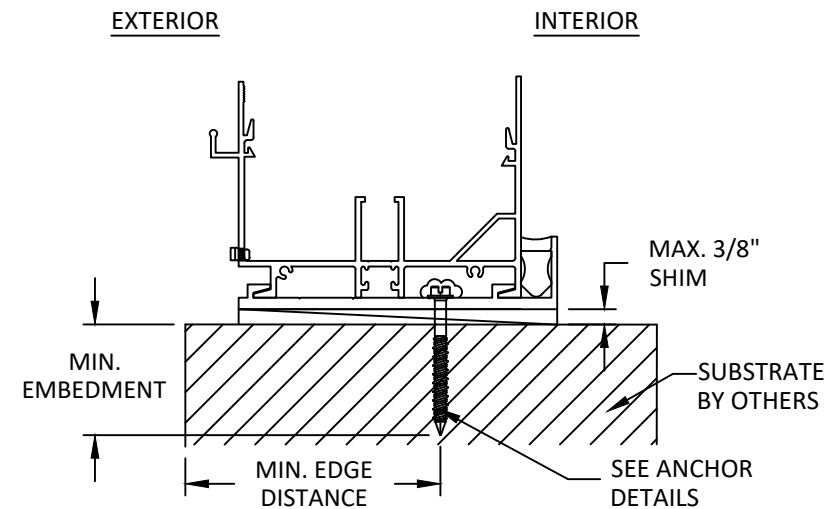
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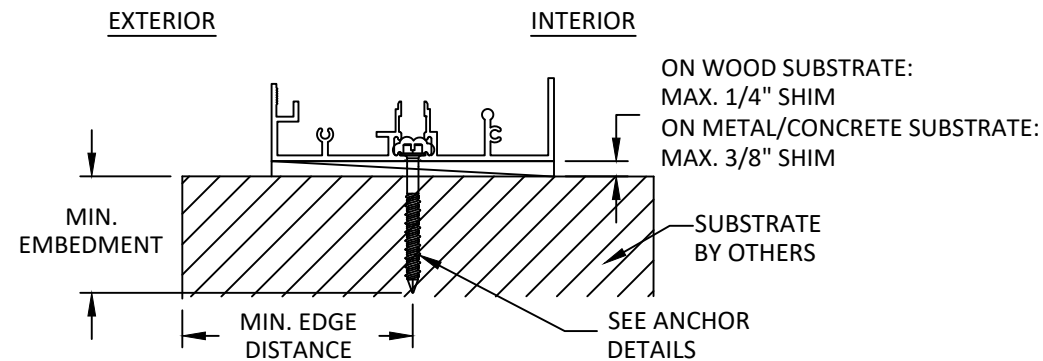
ANCHOR DETAIL
THROUGH FRAME INSTALLATION (HEAD)



ANCHOR DETAIL
THROUGH FRAME INSTALLATION (JAMB)



ANCHOR DETAIL
THROUGH FRAME INSTALLATION (STANDARD SILL)



ANCHOR DETAIL
THROUGH FRAME INSTALLATION (LOW PROFILE SILL)

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 $\pm 1/2$ 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 3/8 INCH. SHIM WHERE SPACE OF 1/16 INCH OR GREATER OCCURS. SHIM(S) SHALL BE CONSTRUCTED OF HIGH DENSITY PLASTIC OR BETTER.
- 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.
 - CONCRETE - MINIMUM COMPRESSIVE STRENGTH OF 3000 PSI.
 - MASONRY - STRENGTH CONFORMANCE TO ASTM C-90, WITH MINIMUM COMPRESSIVE STRENGTH OF 2000 PSI.
 - STEEL - MINIMUM YIELD STRENGTH OF 36 KSI. MINIMUM 16 GA. WALL THICKNESS.
 - ALUMINUM - MINIMUM 1/8 INCH THICK 6063-T5 ALUMINUM.

ANCHOR SCHEDULE				
METHOD	SUBSTRATE	ANCHOR TYPE	MIN. EMBEDMENT	MIN. EDGE DISTANCE
THROUGH FRAME	WOOD: MIN. SG = 0.55	#14 WOOD SCREW	1.5"	0.75"
	METAL: 18 GAUGE STEEL, MIN. Fy = 33KSI	1/4" SELF DRILLING OR SELF TAPPING SCREW	3 THREADS MIN. PENETRATION BEYOND METAL	0.50"
	METAL: 1/8" MIN. THICKNESS ALUMINUM MIN. 6063-T5			
	CONCRETE: f'c=3000PSI	1/4" ITW TAPCON	1.00"	2.00"
	MASONRY: CMU per ASTM C90	1/4" ITW TAPCON	1.00"	2.00"



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ANCHOR DETAILS

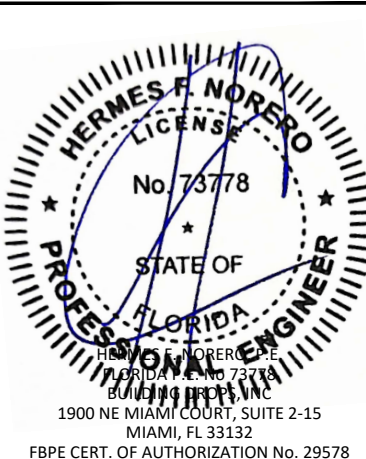
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