

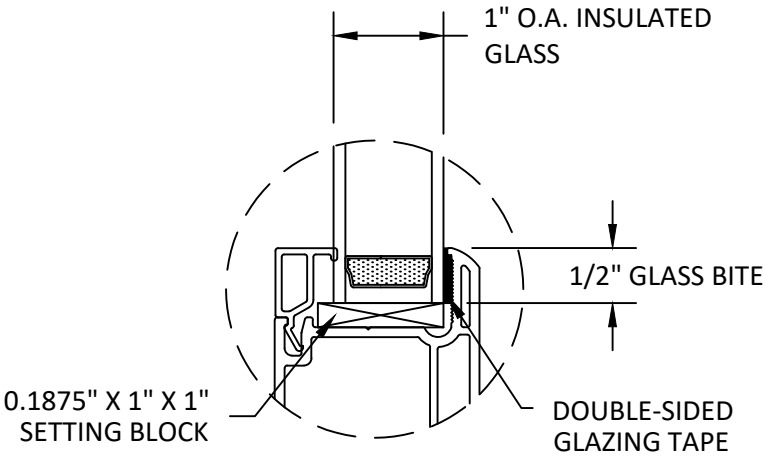
PH TECH CORP

S-8712 SLIDING PATIO DOOR

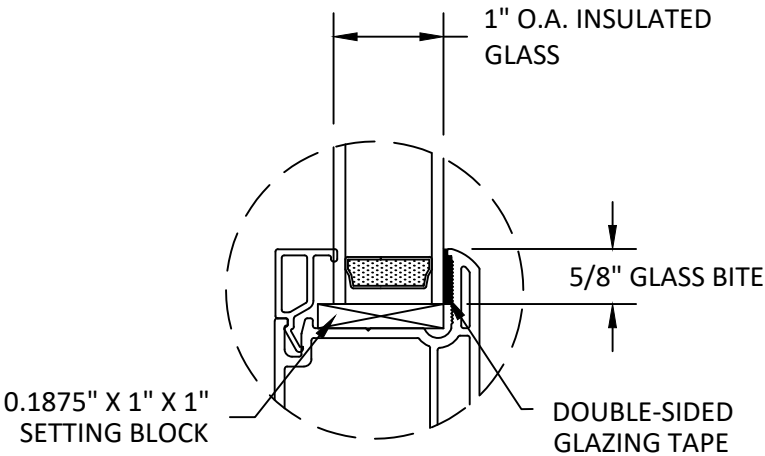
(NON-HVHZ)(NON-IMPACT)

GENERAL NOTES:

1. THE PRODUCT SHOWN HEREIN IS DESIGNED AND MANUFACTURED TO COMPLY WITH THE CURRENT FLORIDA BUILDING CODE (FBC), **EXCLUDING** HVHZ AND HAS BEEN EVALUATED ACCORDING TO THE FOLLOWING:
- AAMA/WDMA/CSA 101/I.S.2/A440-11/17/22
2. ADEQUACY OF THE EXISTING STRUCTURAL CONCRETE/MASONRY, 2X 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.
3. 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.
4. 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.
5. APPROVED IMPACT PROTECTIVE SYSTEM **IS REQUIRED** TO PROTECT THIS PRODUCT IN AREAS REQUIRING IMPACT RESISTANCE.
6. FRAME MATERIAL: UPVC
7. GLASS SHALL MEET THE REQUIREMENTS OF ASTM E1300. SEE GLAZING DETAILS ON SHEET 1.
8. DESIGNATIONS "X", "O" STAND FOR THE FOLLOWING:
X: OPERABLE PANEL
O: FIXED PANEL



GLAZING DETAIL 1



GLAZING DETAIL 2

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SHEET	SHEET DESCRIPTION
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4	OXO ELEVATION AND ANCHOR LAYOUT
5	OXO ELEVATION AND ANCHOR LAYOUT
6	VERTICAL SECTIONS
7	HORIZONTAL SECTIONS
8	ANCHOR DETAILS, ANCHOR SCHEDULE, & INSTALLATION NOTES

DESIGN PRESSURE TABLE				
CONFIGURATION	DESIGN PRESSURE	GLAZING DETAIL	FRAME SIZES	MISSILE IMPACT RATING
XO	+50/-50 PSF	1	71.5" x 79.5"	NON-IMPACT
XO	+35/-35 PSF	2	95.5" x 95.5"	
OXO	+50/-50 PSF	2	107.5" x 79.5"	
OXO	+35/-35 PSF	2	107.5" x 95.5"	

GLAZING NOTES:

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



P.H. TECH CORP
724 BRICKWORKS DRIVE,
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(742) 266 - 7452

TITLE: S-8712 SLIDING PATIO DOOR
(NON-HVHZ)(NON-IMPACT)

GENERAL NOTES AND
GLAZING DETAIL

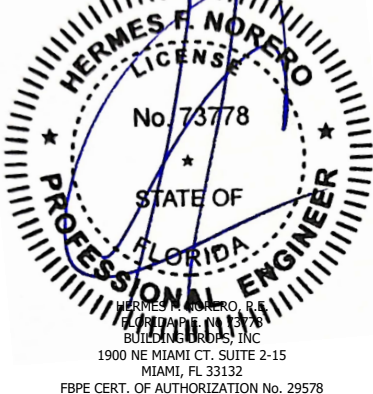
PREPARED BY:
BUILDING DROPS, INC.
1900 NE MIAMI CT, SUITE 2-15
MIAMI, FL 33132
PH: (954)399-8478
FAX: (954)744-4738
WEB: www.buildingdrops.com



REMARKS	BY	DATE
2026 FBC UPD.	JR	09/26

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Digitally signed by Hermes F. Norero, P.E.
Reason: I am approving this document
Date: 2026.10.09 16:05:29 -0400



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SCALE:	NTS
DWG. #:	PHT009
SHEET:	REV.
1	A
OF 8	



2 PANEL
OX
XO

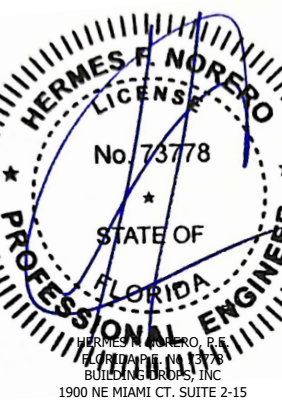


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TITLE: S-8712 SLIDING PATIO DOOR (NON-HVHZ)(NON-IMPACT) XO ELEVATION AND ANCHOR LAYOUT	PREPARED BY:  BUILDING DROPS, INC. 1900 NE MIAMI CT. SUITE 2-15 MIAMI, FL 33132 PH: (954)399-8478 FAX: (954)744-4738 WEB: www.buildingdrops.com
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FLORIDA No. 73778
BUILDING DROPS, INC.
1900 NE MIAMI CT. SUITE 2-15
MIAMI, FL 33132
FBPE CERT. OF AUTHORIZATION No. 29578

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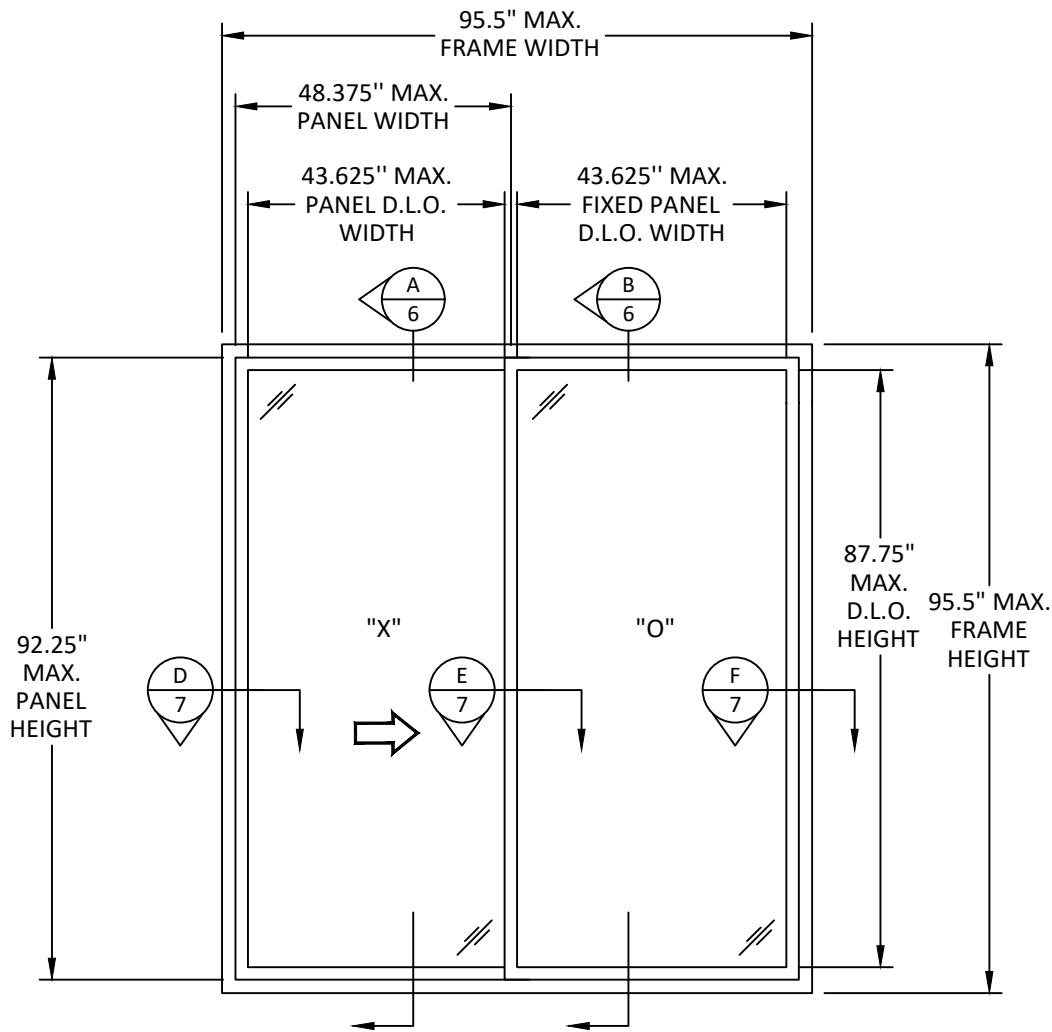
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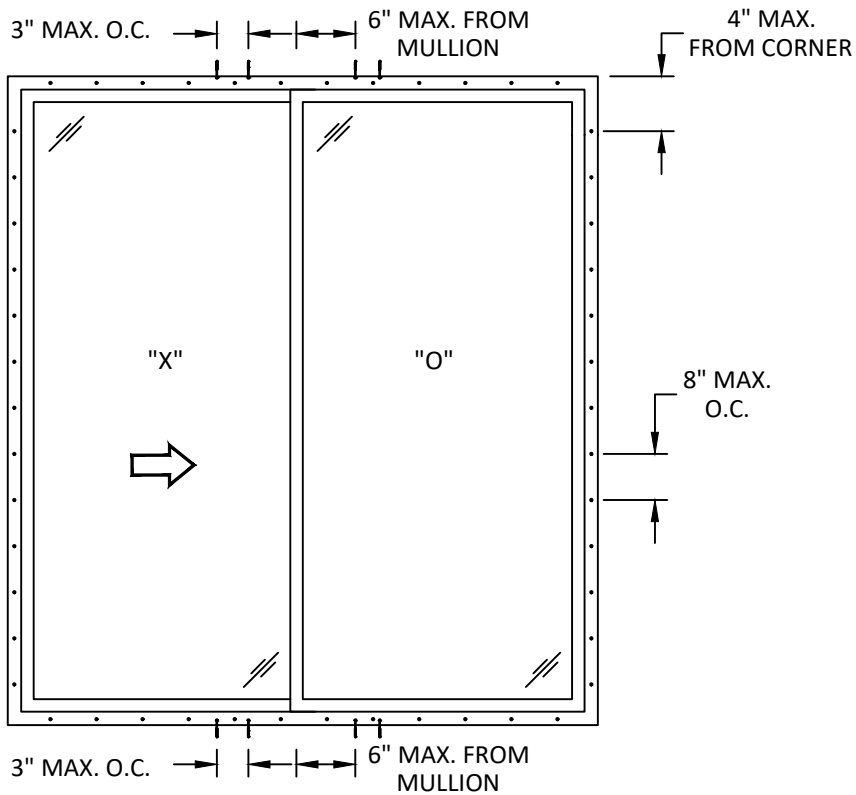
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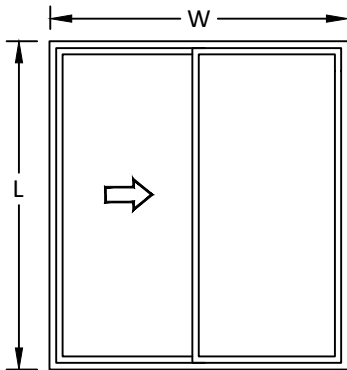


ELEVATION
SLIDING DOOR



ANCHOR LAYOUT
SLIDING DOOR
THROUGH FRAME AND NAIL FIN

QUALIFIED CONFIGURATIONS



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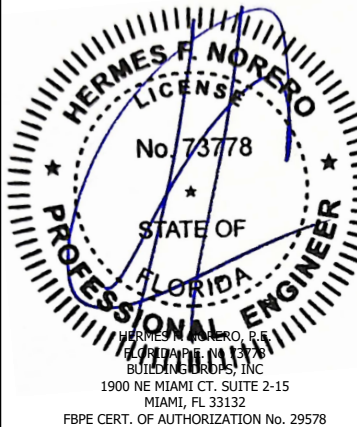
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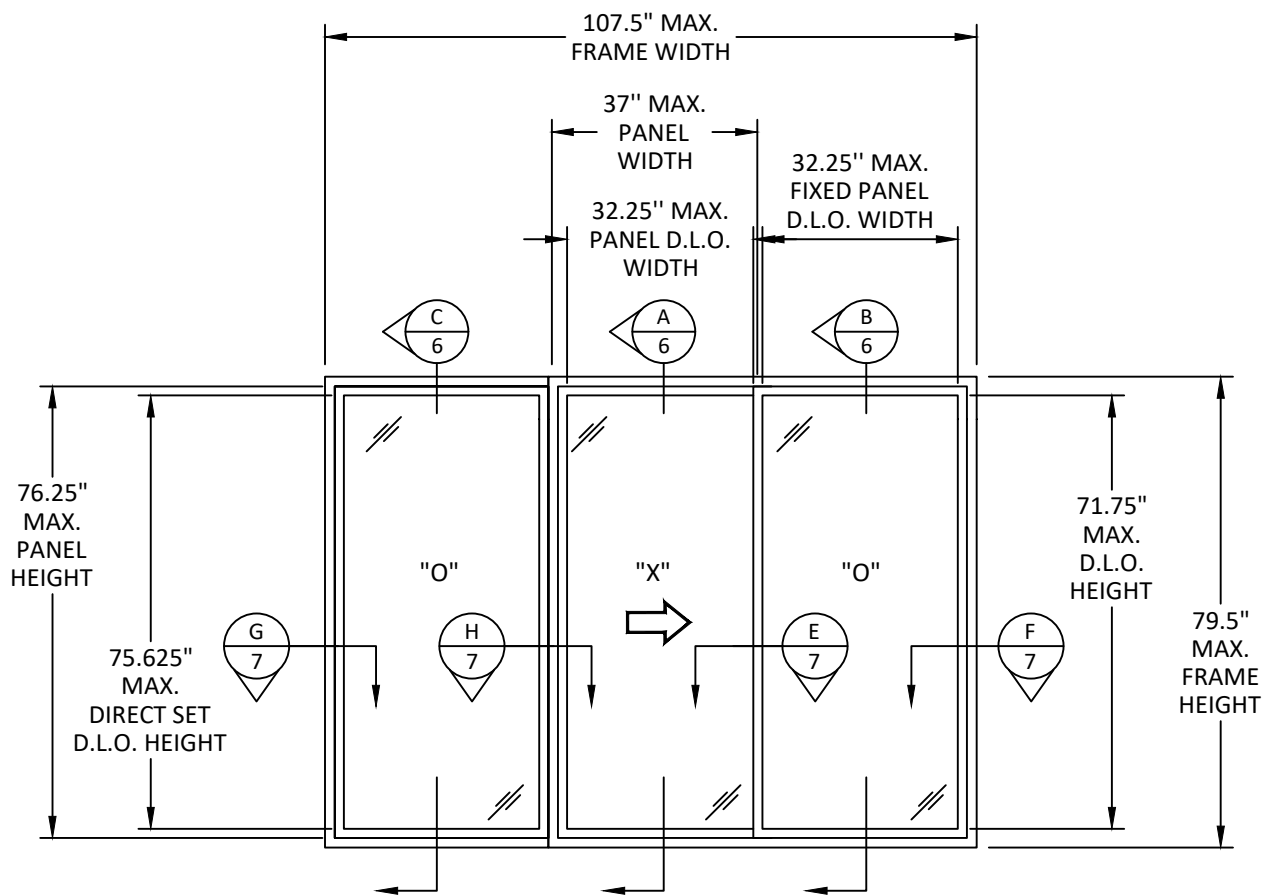
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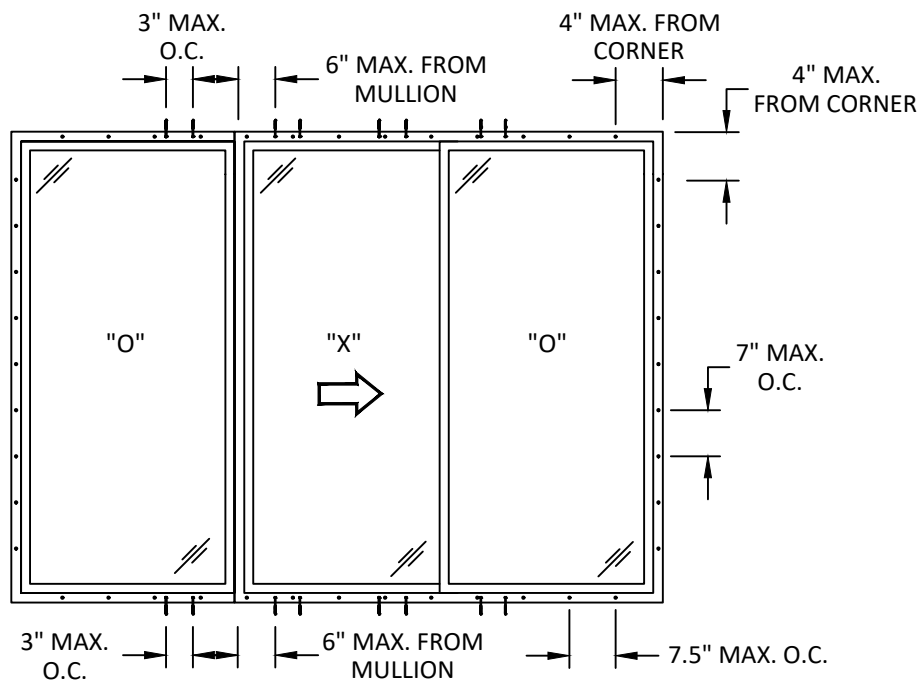
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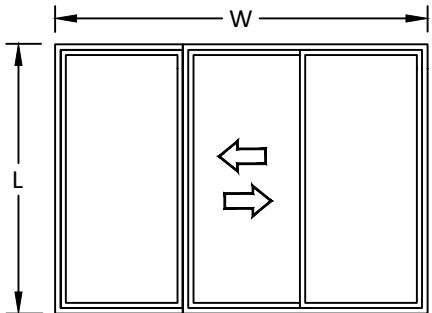


ELEVATION
SLIDING DOOR



ANCHOR LAYOUT
SLIDING DOOR
THROUGH FRAME AND NAIL FIN

QUALIFIED CONFIGURATIONS



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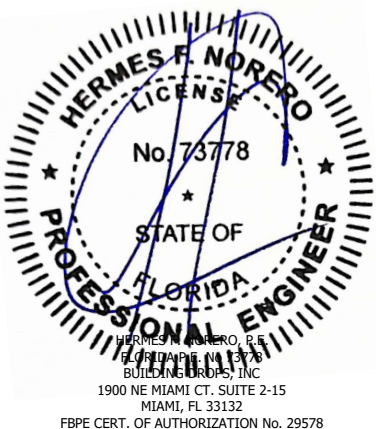
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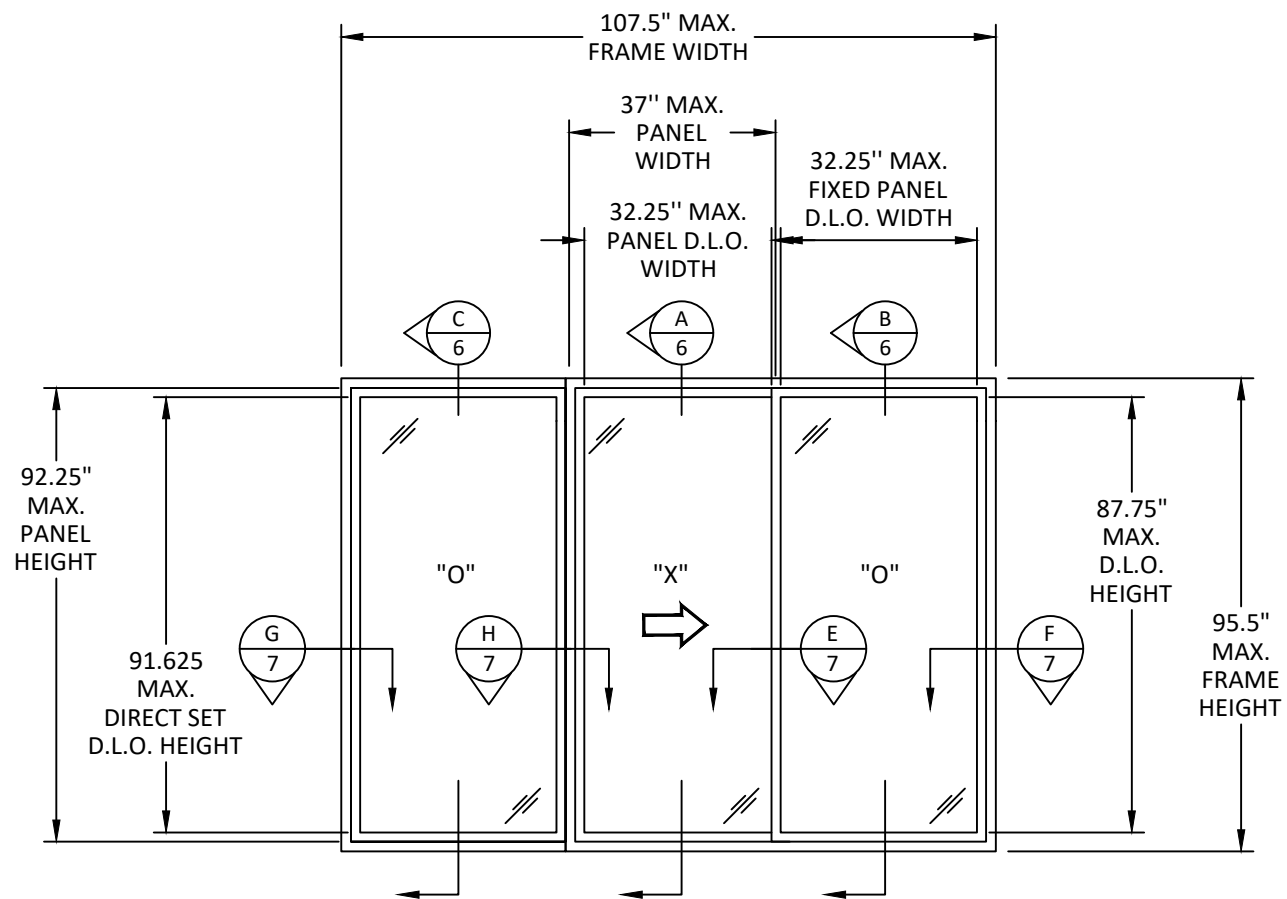
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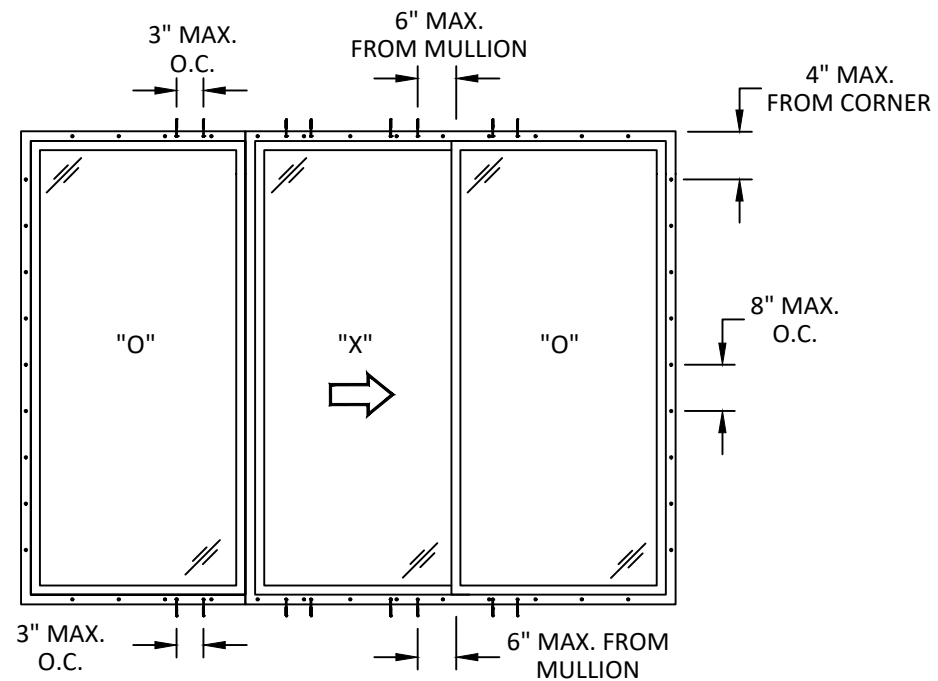


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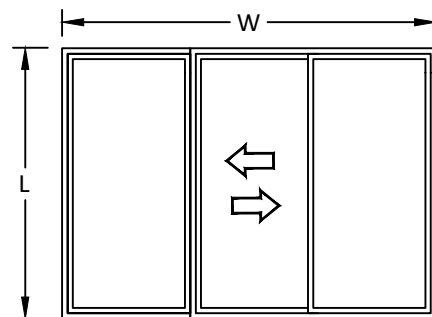


ELEVATION
SLIDING DOOR



ANCHOR LAYOUT
SLIDING DOOR
THROUGH FRAME AND NAIL FIN

QUALIFIED CONFIGURATIONS



**3 PANEL
OXO**



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OXO ELEVATION AND
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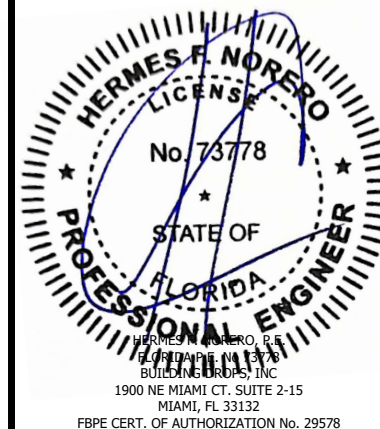
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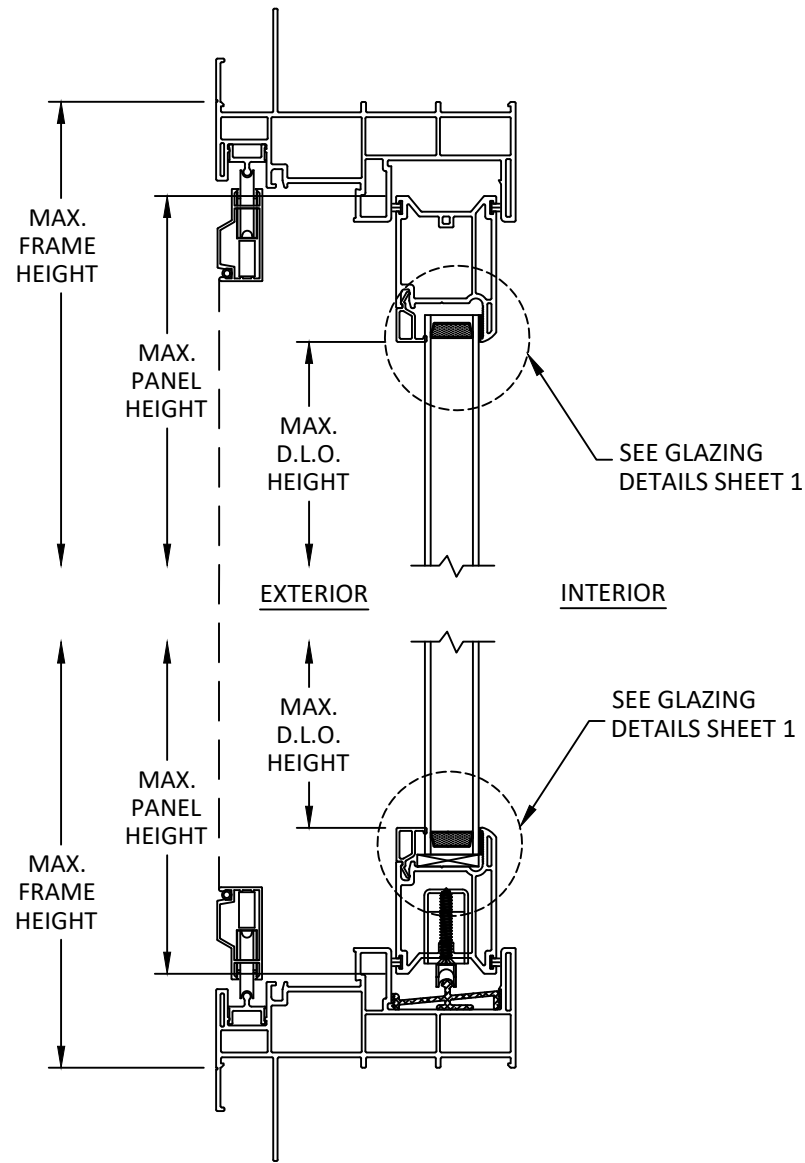
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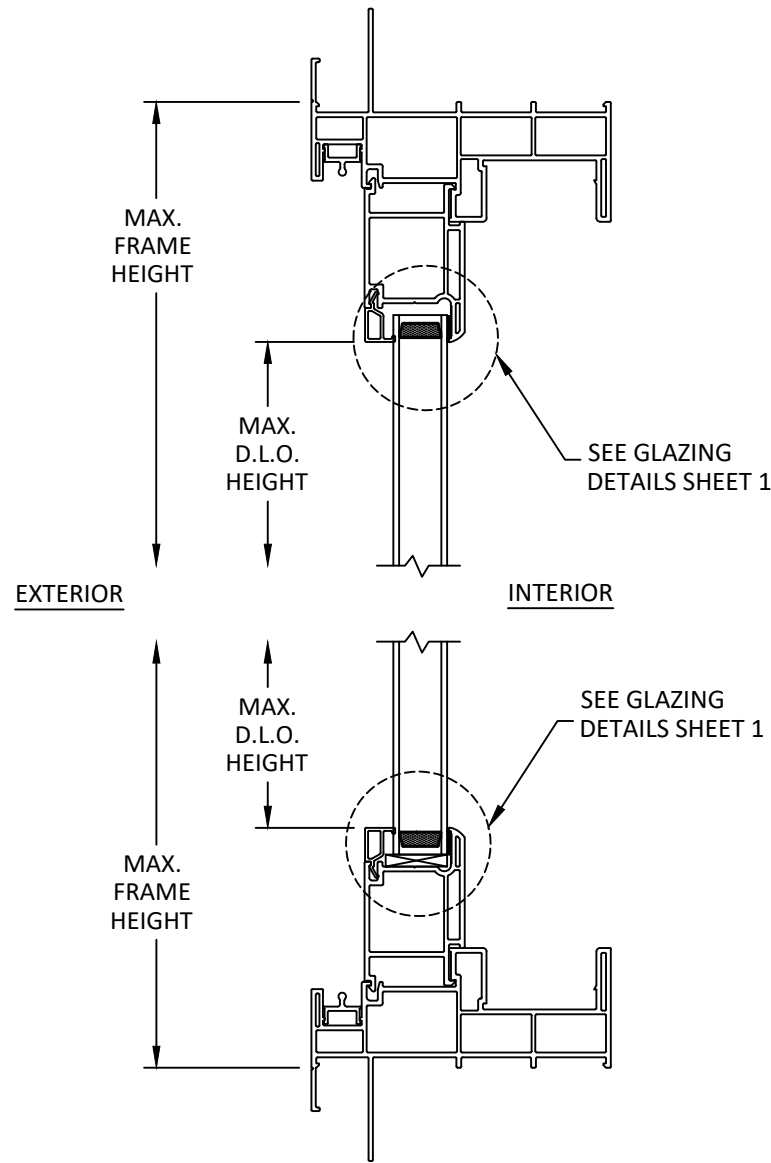


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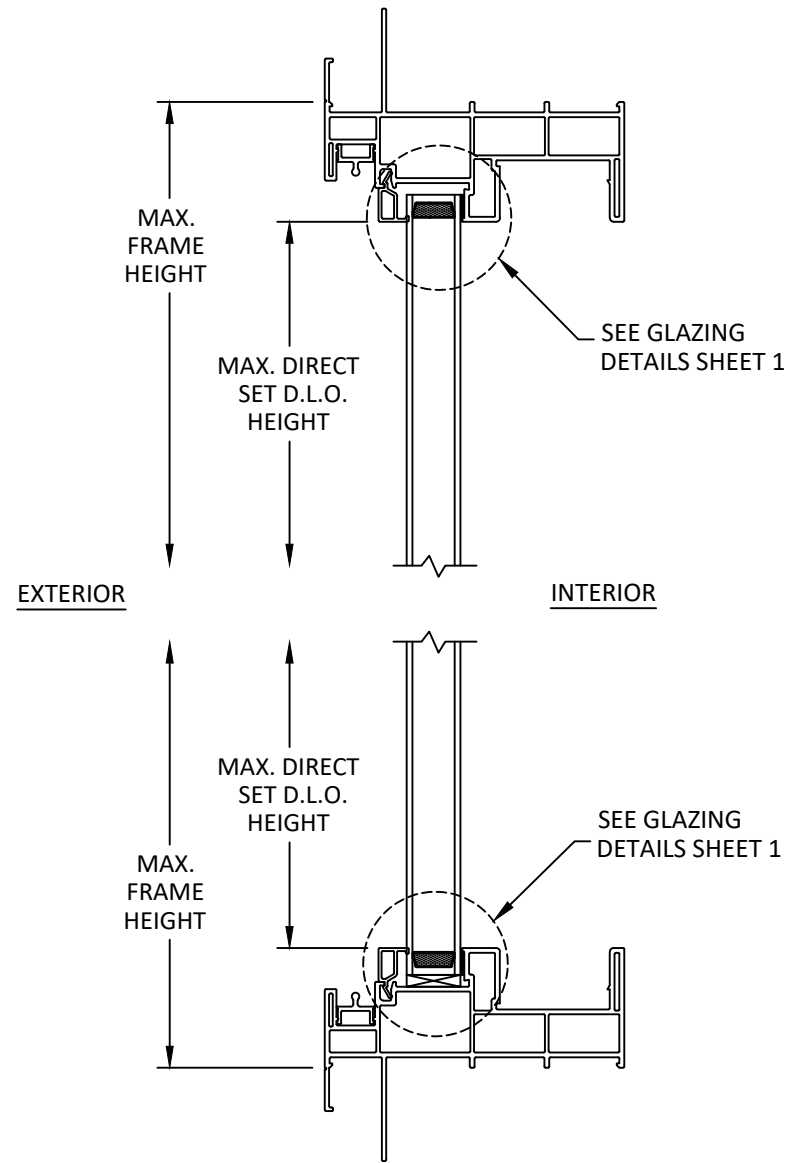
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A
6 **VERTICAL SECTION**
OPERABLE PANEL



B
6 **VERTICAL SECTION**
FIXED PANEL



C
6 **VERTICAL SECTION**
FIXED PANEL



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TITLE: S-8712 SLIDING PATIO DOOR
(NON-HVHZ)(NON-IMPACT)

VERTICAL SECTIONS

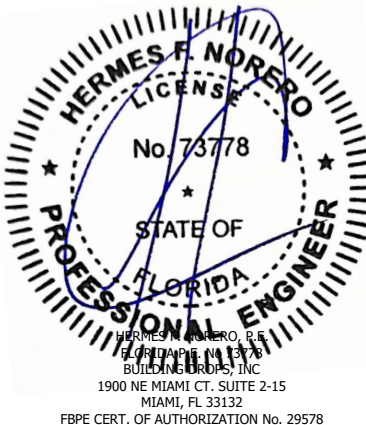
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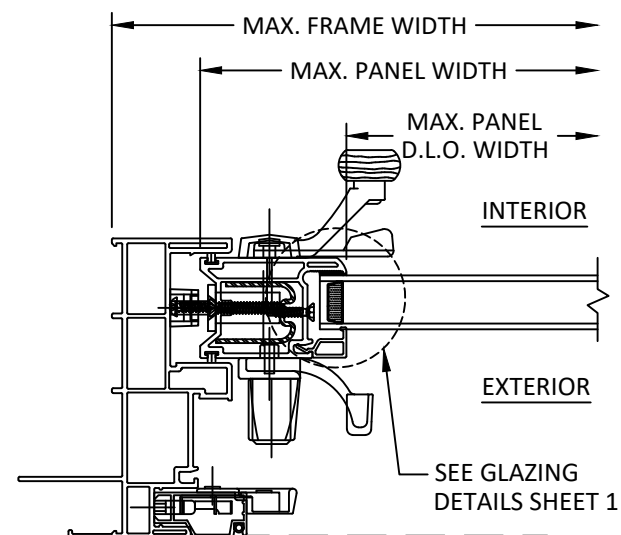


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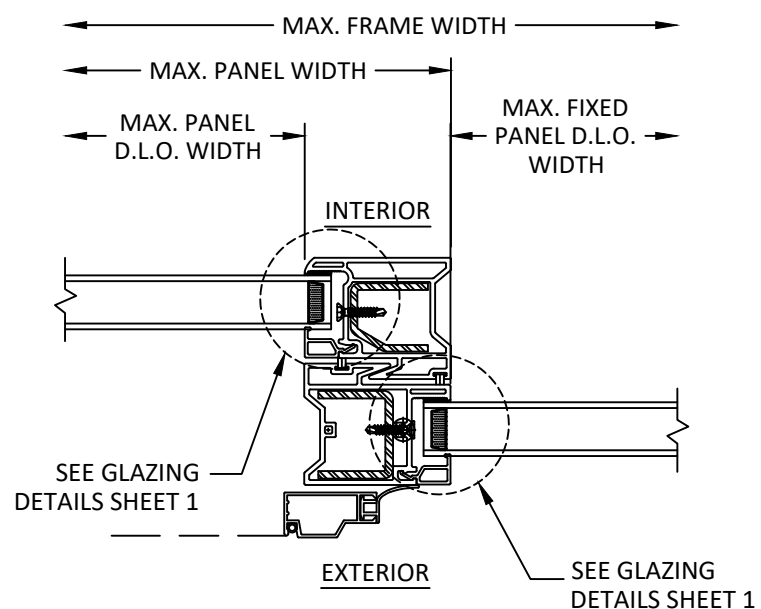
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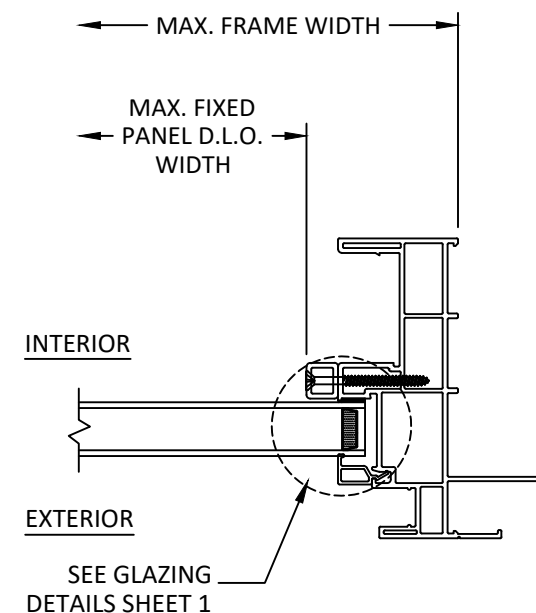
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D 7 HORIZONTAL SECTION

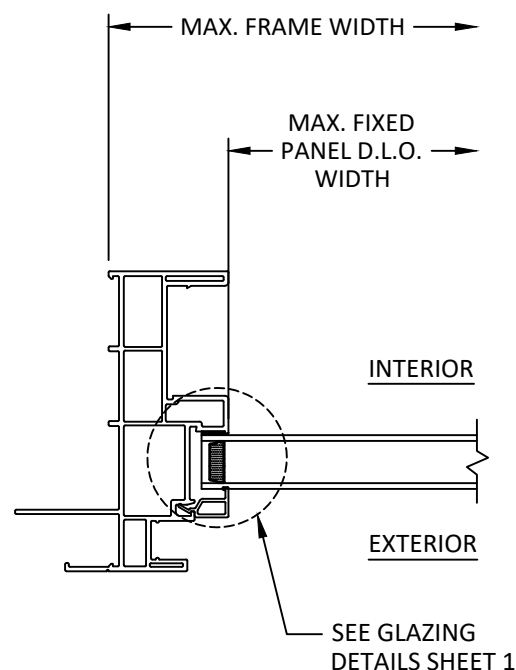


E 7 HORIZONTAL SECTION INTERLOCK



F **HORIZONTAL SECTION**

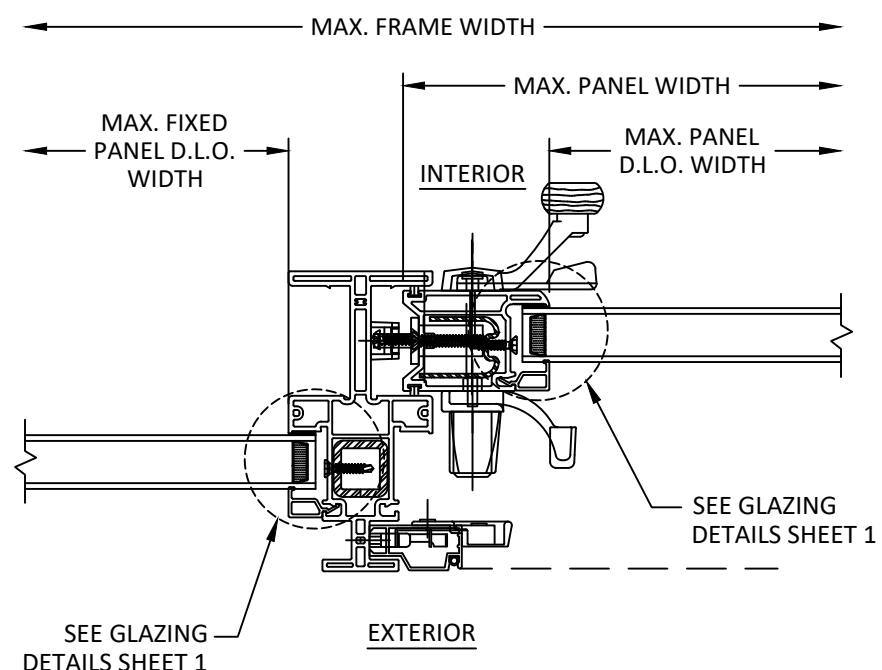
7 **FIXED JAMB**



G
7

HORIZONTAL SECTION

FIXED JAMB



HORIZONTAL SECTION INTERMEDIATE LOCK MULLION

TITLE: S-8712 SLIDING PATIO DOOR
(NON-HVHZ)(NON-IMPACT)

HORIZONTAL SECTIONS

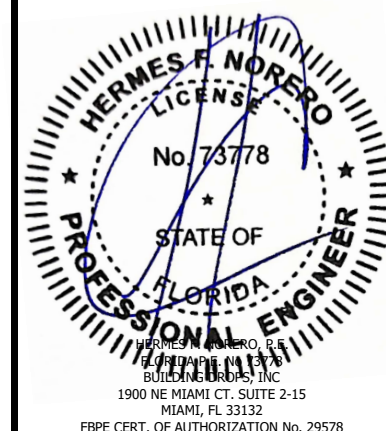
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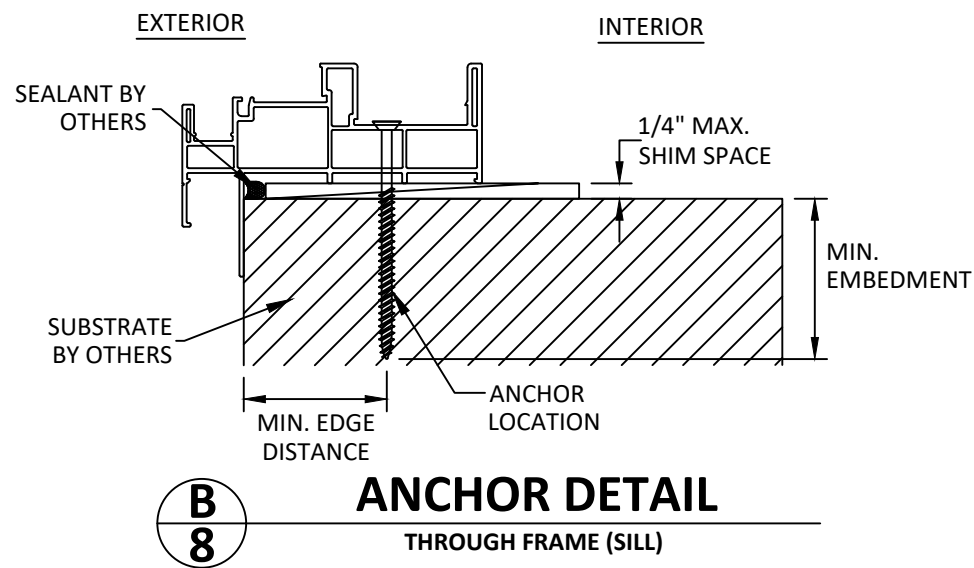
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INSTALLATION NOTES:

1. ONE (1) INSTALLATION ANCHOR IS REQUIRED AT EACH ANCHOR LOCATION SHOWN.
2. THE NUMBER OF INSTALLATION ANCHORS DEPICTED IS THE MINIMUM NUMBER OF ANCHORS TO BE USED FOR PRODUCT INSTALLATION OF THE MAXIMUM SIZE LISTED.
3. INSTALL INDIVIDUAL INSTALLATION ANCHORS WITHIN A TOLERANCE OF $\pm 1/2$ INCH THE DEPICTED LOCATION & SPACING IN THE ANCHOR LAYOUT DETAILS (I.E., WITHOUT CONSIDERATION OF TOLERANCES). TOLERANCES ARE NOT CUMULATIVE FROM ONE INSTALLATION ANCHOR TO THE NEXT.
4. SHIM AS REQUIRED AT EACH ANCHOR LOCATION WHERE SPACE BETWEEN PRODUCT AND STRUCTURE IS 1/16 INCH OR GREATER. MAXIMUM ALLOWABLE SHIM STACK IS NOT TO EXCEED 1/4 INCH. ALL SHIMS ARE TO BE LOADED BEARING, HIGH DENSITY PLASTIC OR BETTER.
5. MINIMUM EMBEDMENT AND EDGE DISTANCE EXCLUDE WALL FINISHES, INCLUDING BUT NOT LIMITED TO STUCCO, FOAM, BRICK VENEER, AND SIDING.
6. INSTALLATION ANCHORS AND ASSOCIATED HARDWARE MUST BE MADE OF CORROSION RESISTANT MATERIAL OR HAVE A CORROSION RESISTANT COATING.
 - 6.1. FASTENERS USED WITHIN 3,000 FEET OF A SALTWATER COASTLINE AND INSTALLED IN ENCLOSED SPACES SHALL BE GALVANIZED IN ACCORDANCE WITH SECTION 1711.1.1 (E.G., ASTM A153 CLASS D, ASTM A641 CLASS 3S, OR EQUIVALENT CORROSION RESISTANCE).
 - 6.2. *FASTENERS INSTALLED WITHIN 300 FEET OF A SALTWATER COASTLINE IN EXTERIOR-PARTIALLY SHELTERED OR EXTERIOR-OPEN EXPOSED SPACES SHALL BE STAINLESS STEEL PER SECTION 1711.1.1.1 (ASTM A240 TYPE 304, A305, 316, OR 410).
 - 6.3. CONNECTORS AND METAL PLATES USED WITHIN 3,000 FEET OF A SALTWATER COASTLINE AND INSTALLED IN ENCLOSED UNVENTED SPACES SHALL BE STANDARD GALVANIZED IN ACCORDANCE WITH SECTION 1711.1.2 (E.G., ASTM A653 G90, ASTM A123, OR PROTECTIVE COATING PER TPI 1).
 - 6.4. CONNECTORS AND METAL PLATES USED BETWEEN 300 AND 3,000 FEET OF A SALTWATER COASTLINE AND INSTALLED IN ENCLOSED VENTED SPACES, EXTERIOR-PARTIALLY SHELTERED OR EXTERIOR-OPEN EXPOSED SPACES SHALL BE ENHANCED GALVANIZED PER SECTION 1711.1.2.2 (ASTM A653 G185, ASTM A123 AT 2.0 OZ/SF MIN, OR TPI 1 COATING).
 - 6.5. *CONNECTORS AND METAL PLATES USED WITHIN 300 FEET OF A SALTWATER COASTLINE IN EXTERIOR-PARTIALLY SHELTERED OR EXTERIOR-OPEN EXPOSED SPACES SHALL BE STAINLESS STEEL PER SECTION 1711.1.2.1 (ASTM A240 TYPE 316).
 - 6.6. FASTENERS USED WITH CONNECTORS OR METAL PLATES SHALL HAVE A CORROSION-RESISTANT COATING OR COMPOSITION COMPATIBLE WITH THAT OF THE CONNECTOR/PLATE TO PREVENT GALVANIC CORROSION BETWEEN DISSIMILAR MATERIALS (SECTION 1711.1.1.3). EXCEPTION: FASTENERS AND CONNECTORS FULLY EMBEDDED IN CONCRETE OR MORTAR ARE EXEMPT FROM NOTES 6 AND 7 (SECTION 1711.1).
7. 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.



ANCHOR SCHEDULE				
METHOD	SUBSTRATE	ANCHOR	MIN. EMBEDMENT	MIN. EDGE DISTANCE
THROUGH FRAME	WOOD MIN. S.G.= 0.55	#8 WOOD SCREW (GALVANIZED OR *STAINLESS-STEEL)	1.5"	0.75"
	METAL: 18 GAUGE STEEL, MIN. Fy = 33 KSI ALUMINUM 6063-T5, MIN. WALL THICKNESS 1/8"	#8-32 GR. 5 SELF-DRILLING SCREW (GALVANIZED OR *STAINLESS-STEEL)	3 THREADS MIN PENETRATION BEYOND METAL	0.50"
NAILFIN	WOOD MIN. S.G.= 0.55	#8 TRUSS HEAD SCREW (GALVANIZED OR *STAINLESS-STEEL)	1.5"	0.75"
	METAL: 18 GAUGE STEEL, MIN. Fy = 33 KSI ALUMINUM 6063-T5, MIN. WALL THICKNESS 1/8"	#8-32 GR. 5 SELF-DRILLING TRUSS HEAD SCREW (GALVANIZED OR *STAINLESS-STEEL)	3 THREADS MIN PENETRATION BEYOND METAL	0.50"



TITLE: S-8712 SLIDING PATIO DOOR
(NON-HVHZ)(NON-IMPACT)

ANCHOR DETAILS,
ANCHOR SCHEDULE, &
INSTALLATION NOTES

PREPARED BY:

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