

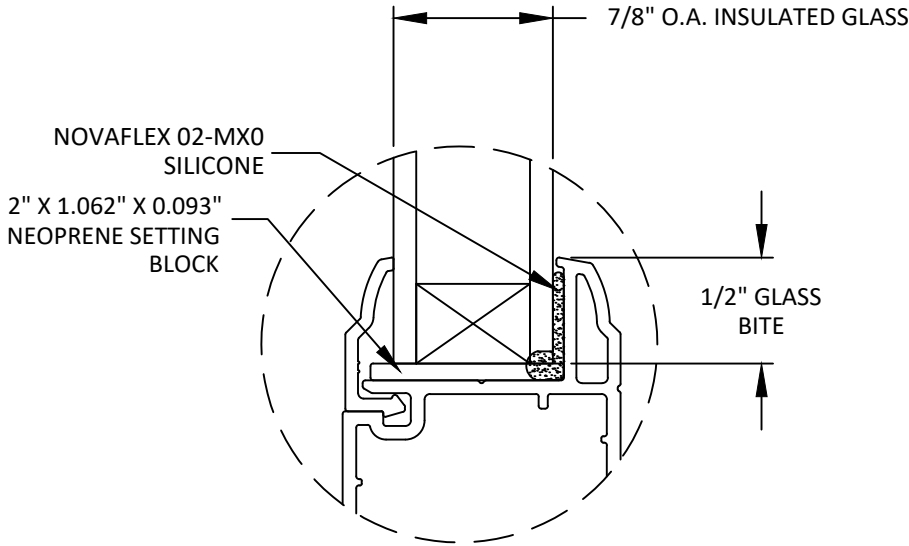
PH TECH CORP

S-7500 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
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 DETAIL ON SHEET 1.
8. DESIGNATIONS "X", "O" STAND FOR THE FOLLOWING:
- X: OPERABLE PANEL
- O: FIXED PANEL



GLAZING DETAIL

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.

* WATER INTRUSION PRESSURE= 7.52 PSF

** WATER INTRUSION PRESSURE= 4.59 PSF

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DESIGN PRESSURE TABLE				
CONFIGURATION	MULLION REINFORCEMENT/ INTERLOCK REINFORCEMENT	DESIGN PRESSURE	FRAME SIZES	MISSILE IMPACT RATING
OX	NONE/SINGLE	+50/-50 PSF	71" x 82"	NON-IMPACT
OX	NONE/SHORT SINGLE	+60/-60 PSF*	71" x 82"	
OX	SINGLE/SINGLE	+35/-35 PSF	96" x 96"	
OX	SINGLE/DOUBLE	+40/-40 PSF	96" x 96"	
OXO	NONE/SINGLE	+50/-50 PSF**	106.3" x 81.89"	
OXO	SINGLE/SHORT SINGLE	+50/-50 PSF**	106.3" x 81.89"	
OXO	SINGLE/SINGLE	+55/-55 PSF**	106.3" x 81.89"	
OXO	SINGLE/SINGLE	+30/-30 PSF	144" x 96"	
OXO	SINGLE/DOUBLE	+30/-30 PSF	144" x 96"	
XOO	SINGLE/SINGLE	+40/-40 PSF**	103.50" x 96"	
OXXO	SINGLE/SINGLE	+35/-35 PSF	139.49" x 81.89"	
OXXO	SINGLE/SINGLE	+40/-40 PSF	139.4" x 96"	



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S-7500 SLIDING PATIO DOOR
(NON-HVHZ)(NON-IMPACT)
GENERAL NOTES AND
GLAZING DETAIL

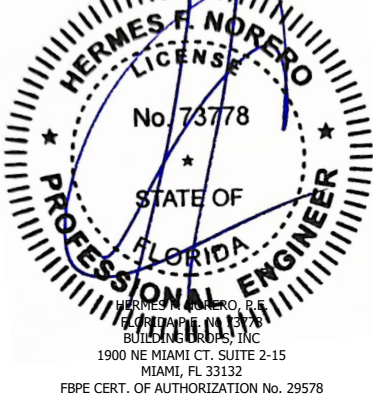
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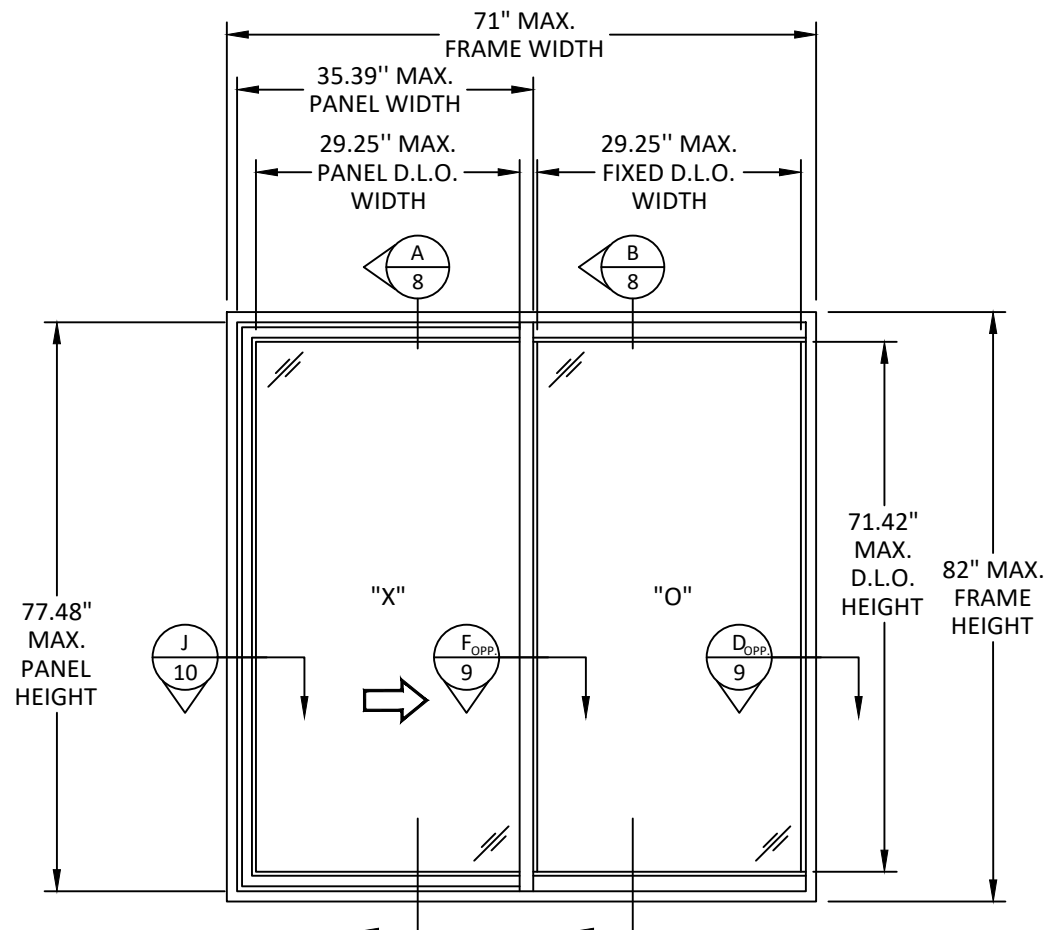
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Reason: I am approving this document
Date: 2026.10.09 16:05:44 -0400

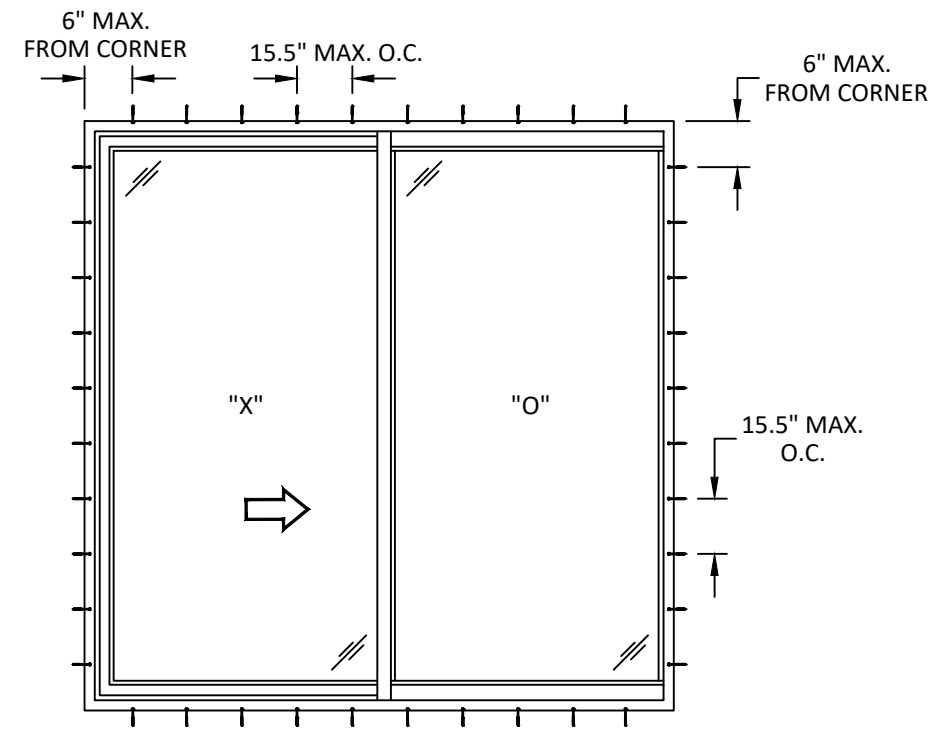


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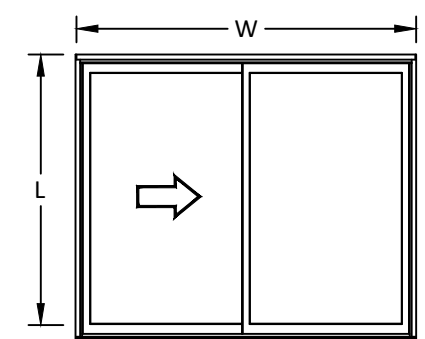


ELEVATION
SLIDING DOOR



ANCHOR LAYOUT
SLIDING DOOR
THROUGH FRAME

QUALIFIED CONFIGURATIONS



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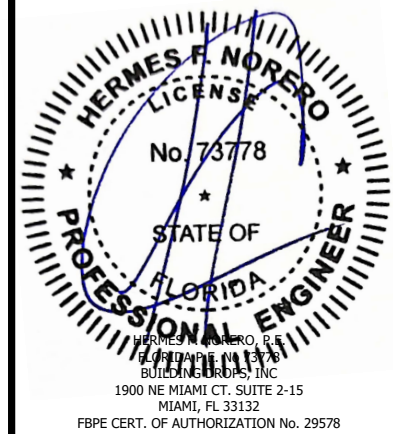
XO ELEVATION AND
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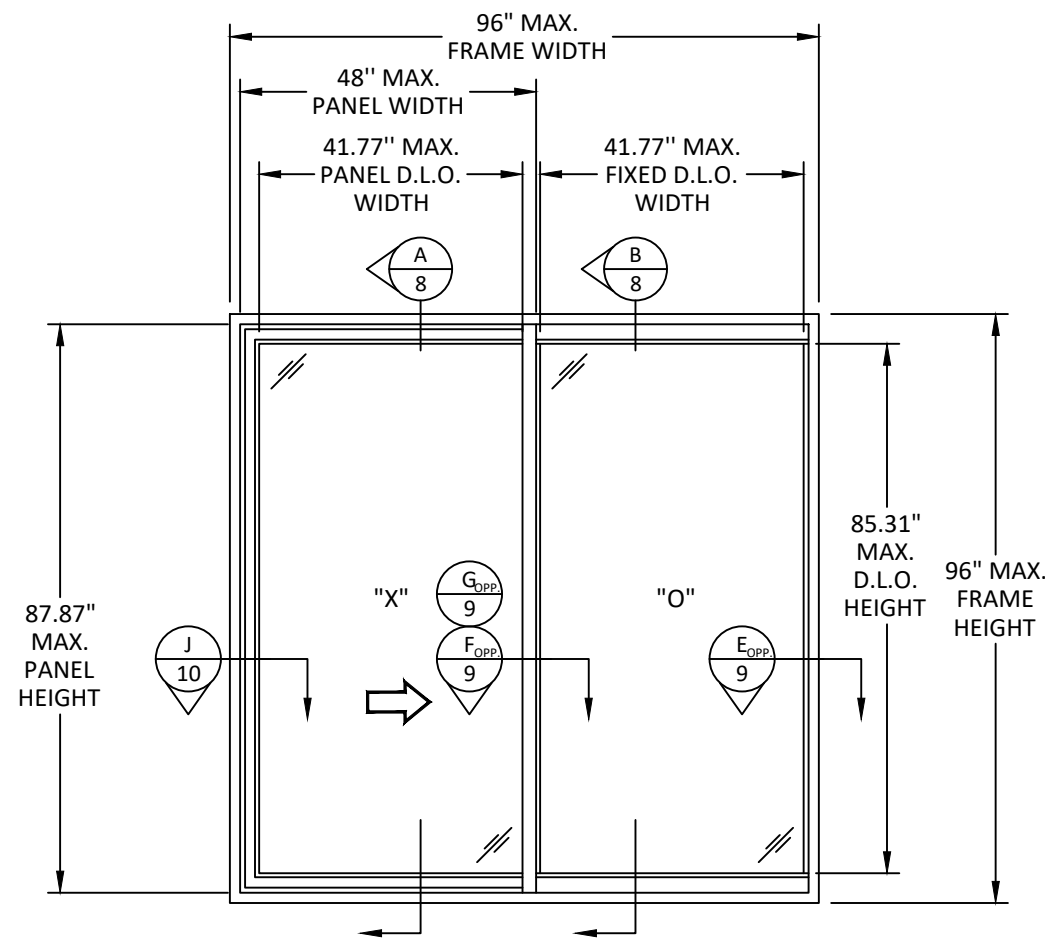
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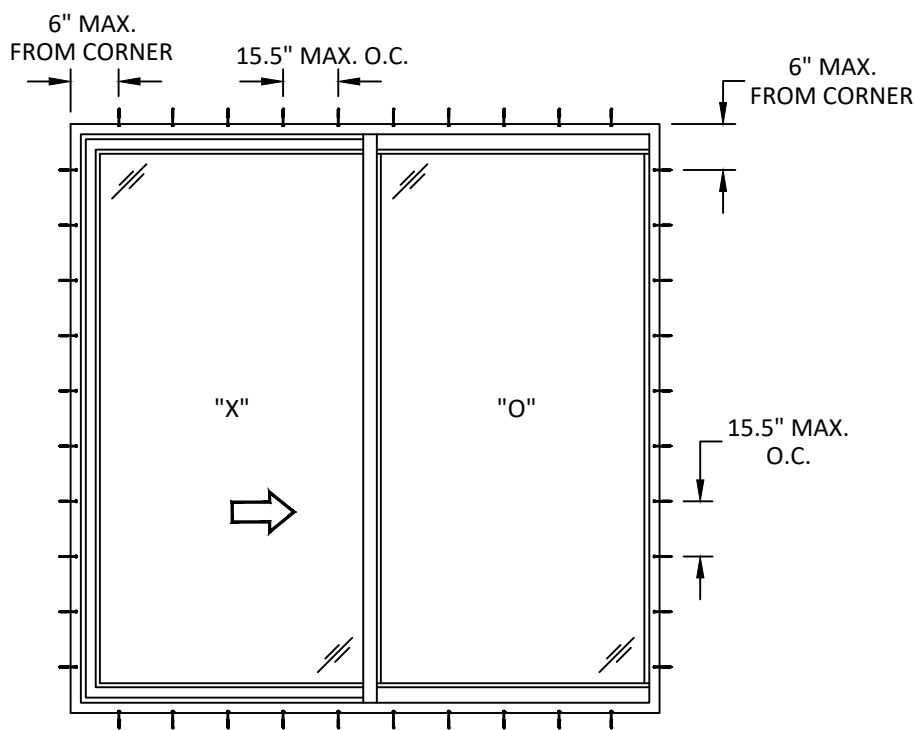


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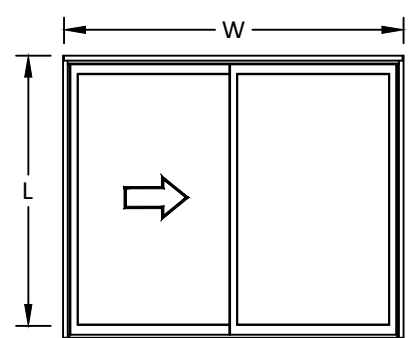


ELEVATION
SLIDING DOOR



ANCHOR LAYOUT
SLIDING DOOR
THROUGH FRAME

QUALIFIED CONFIGURATIONS



2 PANEL
OX
XO



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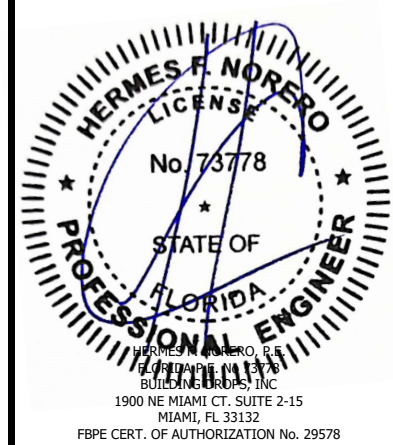
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OXO ELEVATION AND
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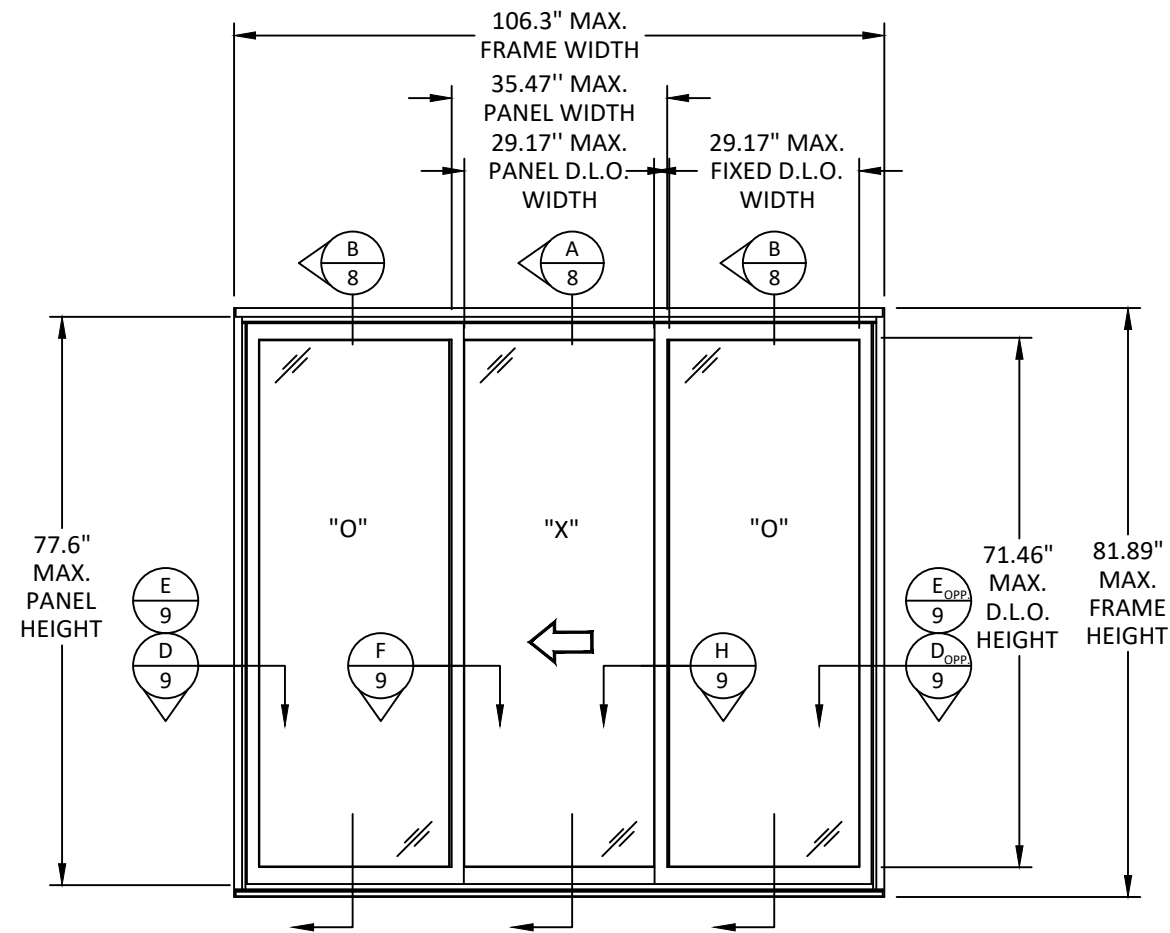
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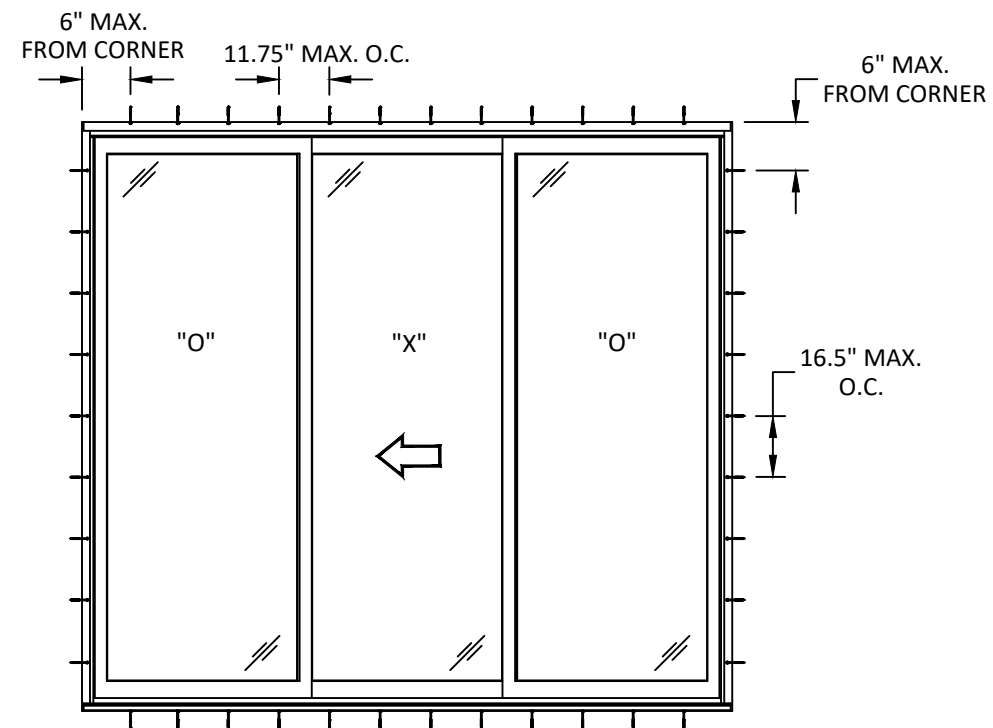
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ELEVATION

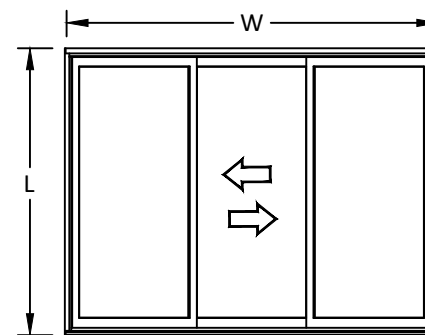
SLIDING DOOR



ANCHOR LAYOUT

SLIDING DOOR THROUGH FRAME

QUALIFIED CONFIGURATIONS



3 PANEL
OXO

OXO ELEVATION AND ANCHOR LAYOUT

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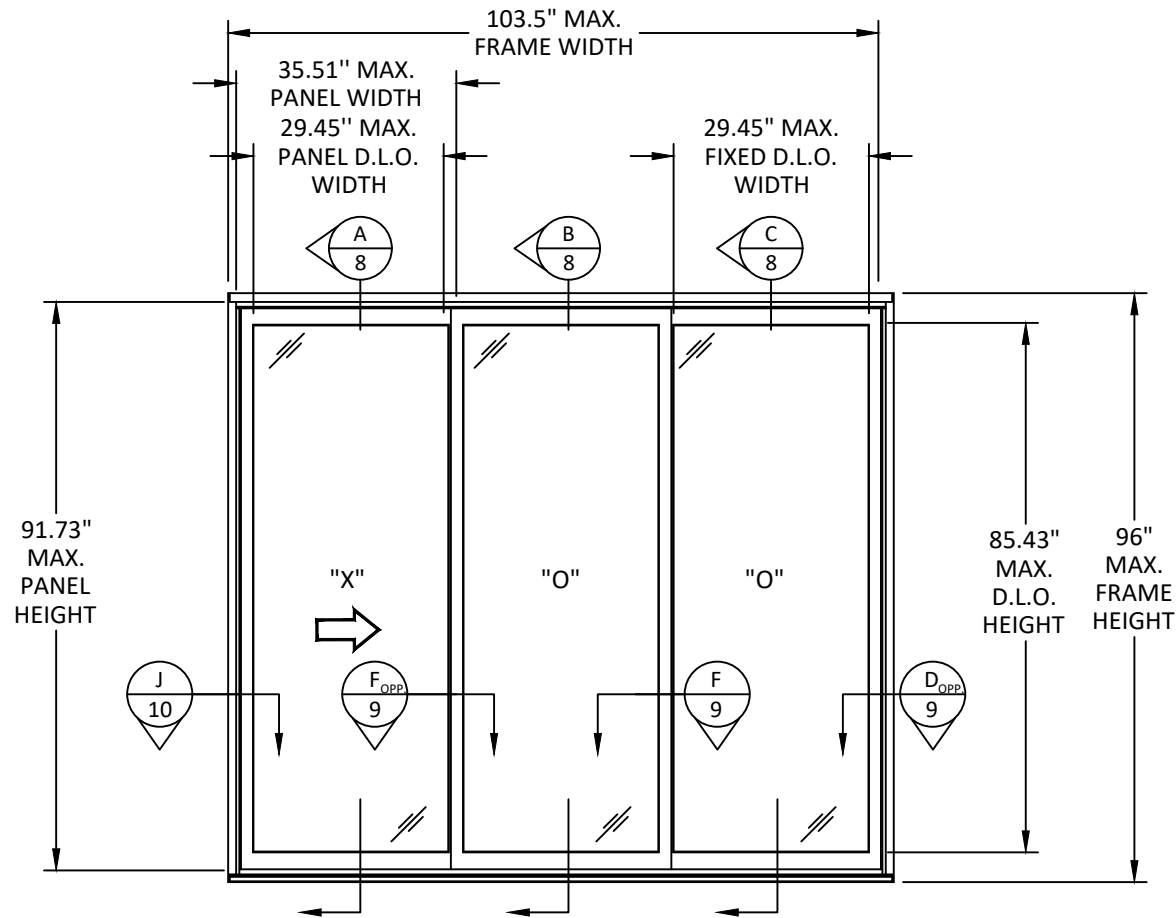
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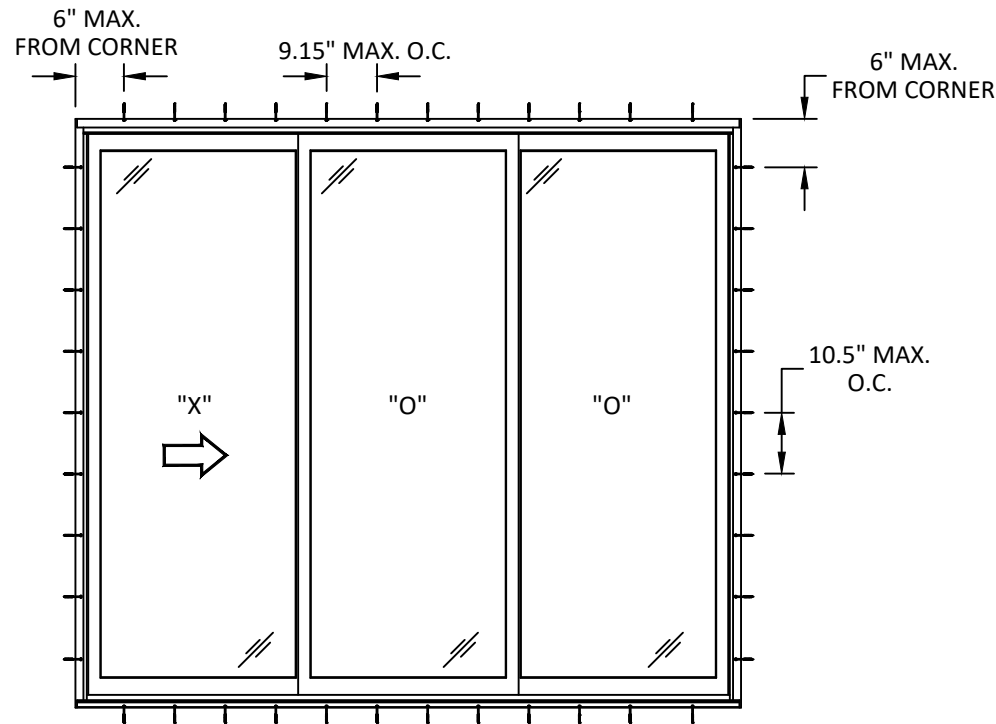


3 PANEL
OXO

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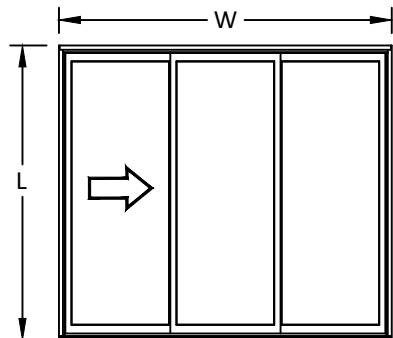


ELEVATION
SLIDING DOOR



ANCHOR LAYOUT
SLIDING DOOR
THROUGH FRAME

QUALIFIED CONFIGURATIONS



3 PANEL
XOO
OOX
XOX



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XOO ELEVATION AND
ANCHOR LAYOUT

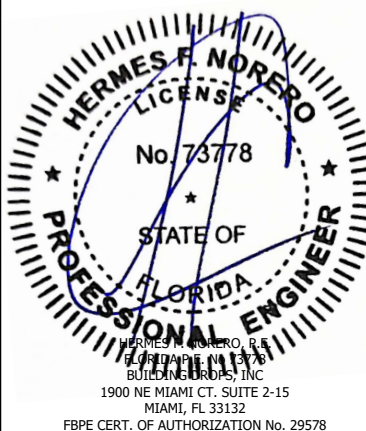
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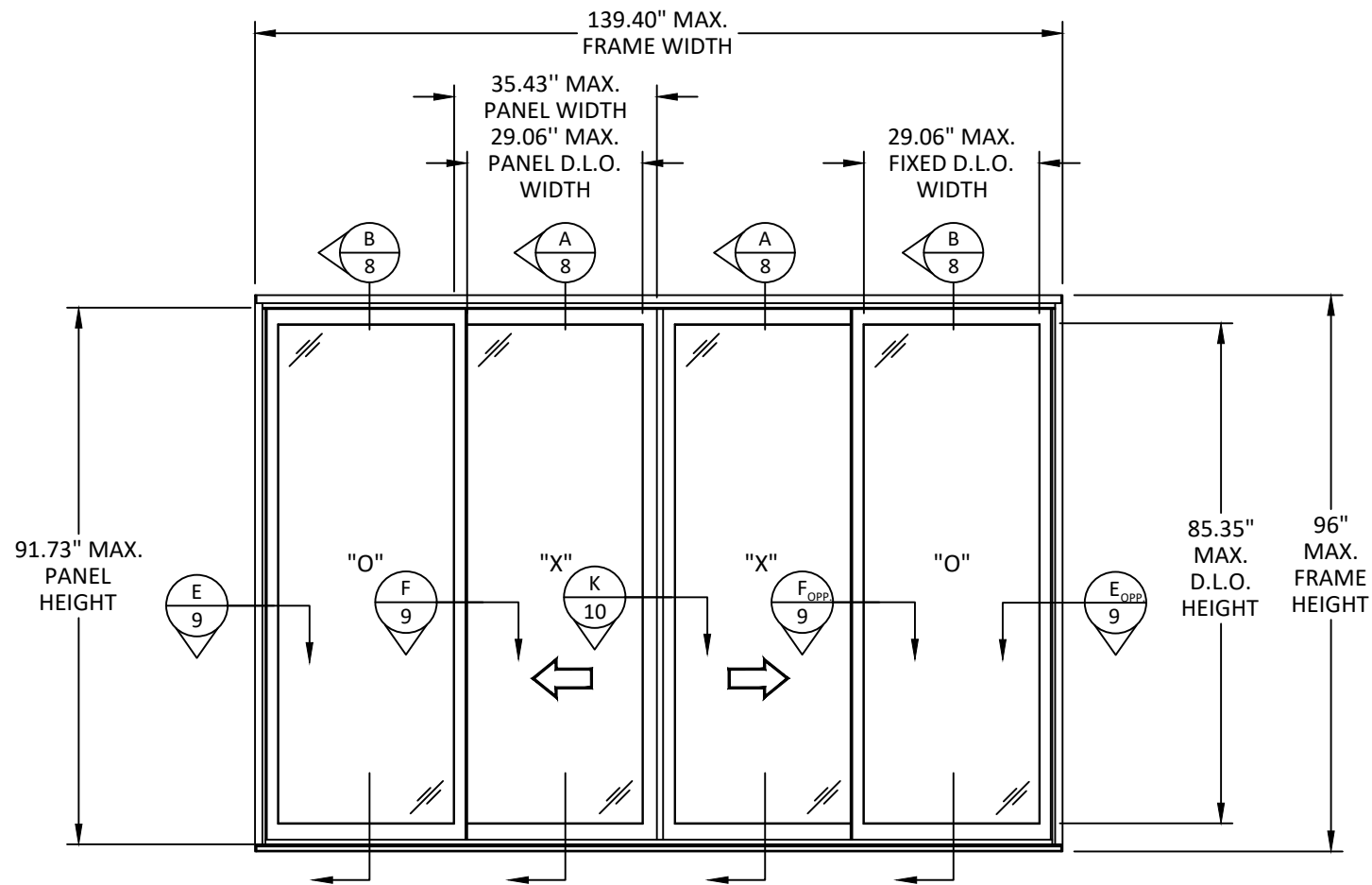
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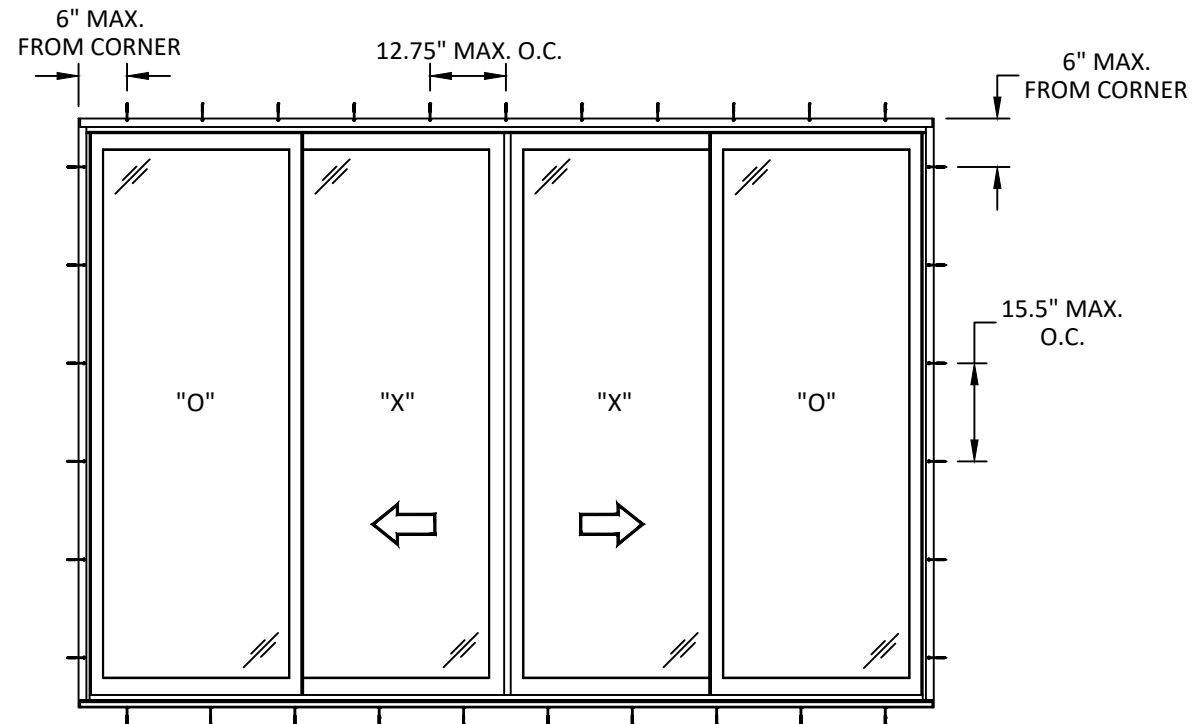
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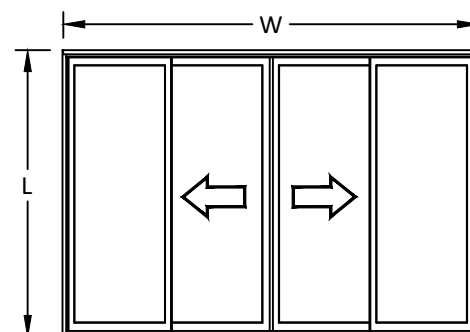


ELEVATION
SLIDING DOOR



ANCHOR LAYOUT
SLIDING DOOR
THROUGH FRAME

QUALIFIED CONFIGURATIONS



4 PANEL
OX XO



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(NON-HVHZ)(NON-IMPACT)

OXO ELEVATION AND
ANCHOR LAYOUT

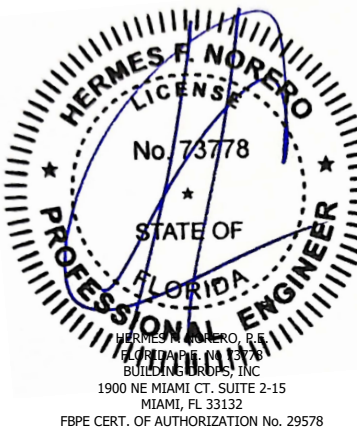
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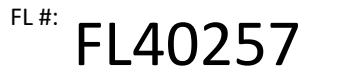
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VERTICAL SECTIONS

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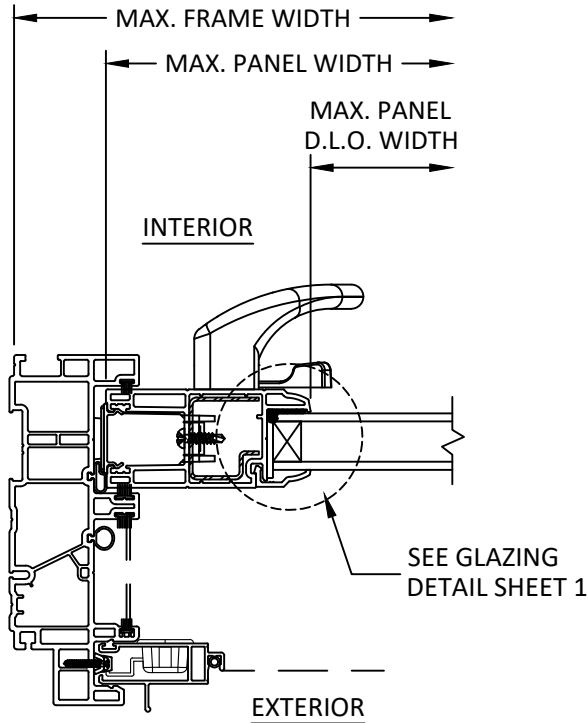
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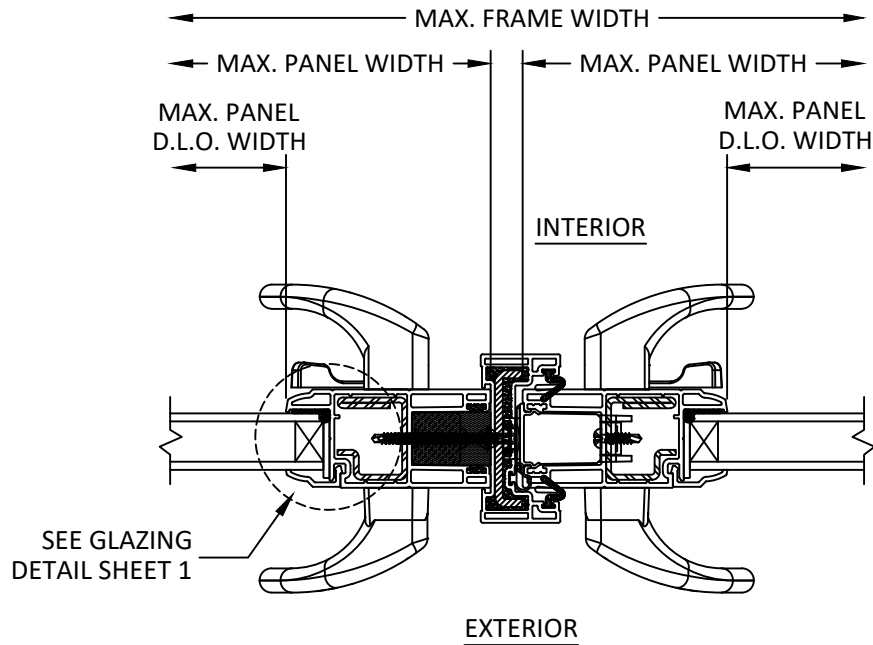
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J
10 **HORIZONTAL SECTION**
LOCK JAMB



K
10 **HORIZONTAL SECTION**
MEETING STILES



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HORIZONTAL SECTIONS

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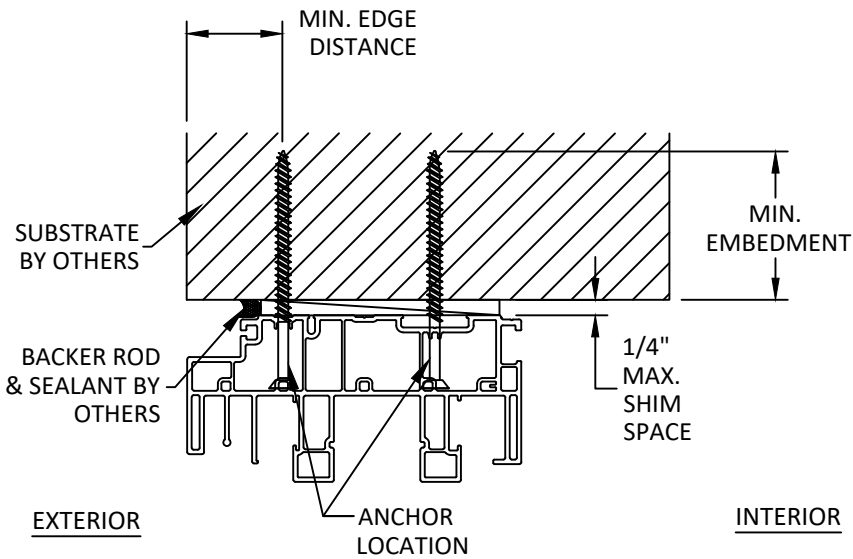
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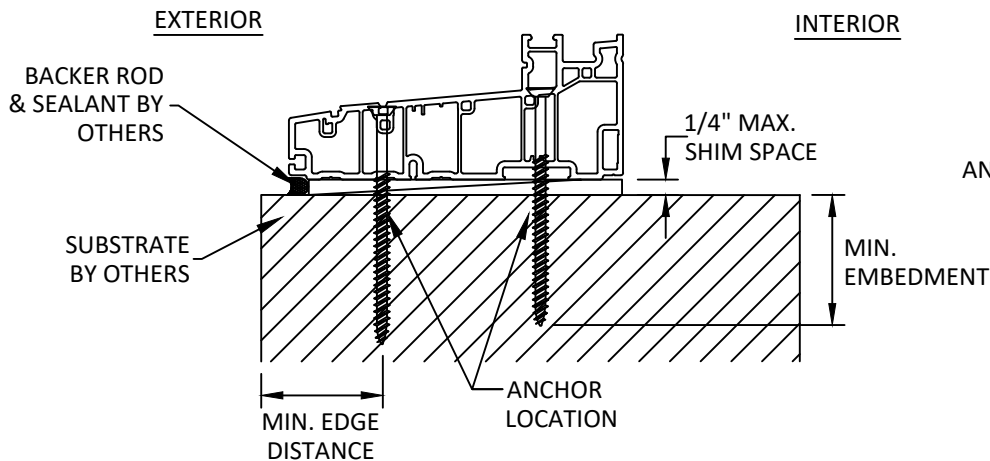
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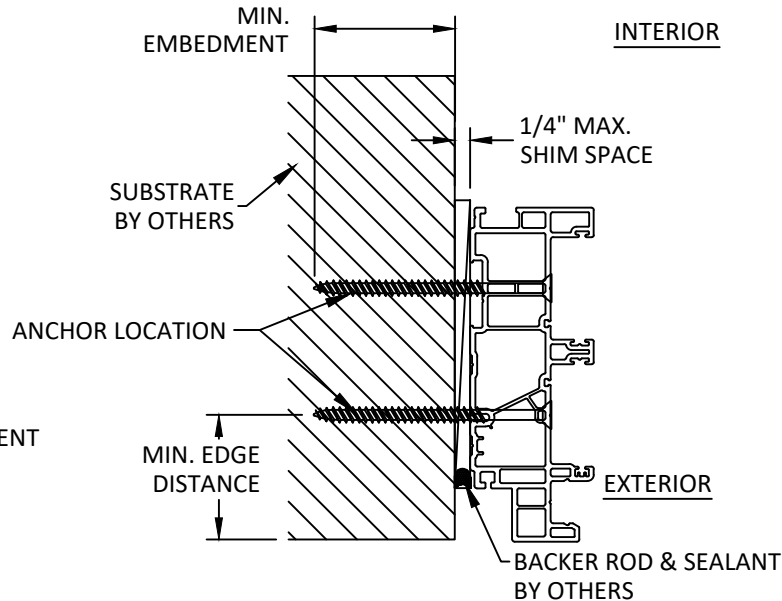
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A
11 **ANCHOR DETAIL**
THROUGH FRAME



B
11 **ANCHOR DETAIL**
THROUGH FRAME



C
11 **ANCHOR DETAIL**
THROUGH FRAME

INSTALLATION NOTES:

- TWO (2) INSTALLATION ANCHORS ARE REQUIRED AT EACH ANCHOR LOCATION SHOWN.
- FOR MASONRY OR CONCRETE OPENINGS, A 1X WOOD BUCK MAY BE USED (OPTIONAL) AS LONG AS THE MINIMUM EMBEDMENT AND EDGE DISTANCE REQUIREMENTS ARE STILL MET WITHIN THE CORRESPONDING HOST SUBSTRATE. SEE GENERAL NOTE #3 ON SHEET 1 FOR MORE INFORMATION.
- THE NUMBER OF INSTALLATION ANCHORS DEPICTED IS THE MINIMUM NUMBER OF ANCHORS TO BE USED FOR PRODUCT INSTALLATION OF THE MAXIMUM SIZE LISTED.
- 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.
- 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.
- 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.
 - 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).
 - *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).
 - 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).
 - 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).
 - *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).
 - 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).
- 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.

ANCHOR SCHEDULE				
METHOD	SUBSTRATE	ANCHOR	MIN. EMBEDMENT	MIN. EDGE DISTANCE
THROUGH FRAME	2X WOOD MIN. S.G.= 0.55	#10 WOOD SCREW (GALVANIZED OR *STAINLESS STEEL)	1.5"	0.75"
	GROUT FILLED CMU PER ASTM C-90 W/ MIN. f'c=2,000 PSI	3/16" ITW TAPCON OR 3/16" DEWALT CRETE-FLEX	1"	2.5"
	CONCRETE W/ MIN. f'c = 3,000 PSI	*STAINLESS STEEL	1.25"	2.5"
	METAL: 18 GAUGE STEEL, MIN. Fy = 33 KSI	#10-24 GR. 5 SMS OR SELF-DRILLING SCREW (GALVANIZED OR *STAINLESS STEEL)	3 THREADS MIN PENETRATIO N BEYOND METAL	0.50"



P.H. TECH CORP
724 BRICKWORKS DRIVE,
LEETSDALE, PA 15056
(742) 266 - 7452

TITLE: PH TECH CORP
S-7500 SLIDING PATIO DOOR
(NON-HVHZ)(NON-IMPACT)

ANCHOR DETAILS, ANCHOR
SCHEDULE, & INSTALLATION NOTES

PREPARED BY:

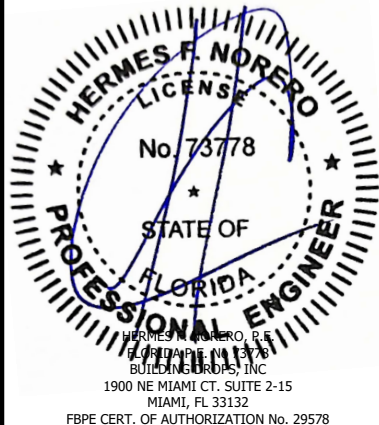
BUILDING DROPS, INC.

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WEB: www.buildingdrops.com



REMARKS	BY	DATE
2026 FBC UPD.	JR	09/26

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.



FL #:	FL40257	
DATE:	12.18.24	
DWG. BY:	DB	CHK. BY: HFN
SCALE:	NTS	
DWG. #:	PHT001	
SHEET:	11	REV. A
OF 11		