

ANDERSEN CORPORATION

A-SERIES GLIDING PATIO DOOR

WITH STORMWATCH PROTECTION

(HVHZ)(IMPACT)

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 ±1/2 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.
4. 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.
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.
7. 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.
8. 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.
9. INSTALLATION ANCHOR CAPACITIES FOR PRODUCTS HEREIN ARE BASED ON SUBSTRATE MATERIALS WITH THE FOLLOWING PROPERTIES:

A. WOOD - MINIMUM SPECIFIC GRAVITY OF 0.55.

B. CONCRETE -MINIMUM COMPRESSIVE STRENGTH OF 3000 PSI.

C. GROUT-FILLED CMU- UNIT STRENGTH CONFORMS TO ASTM C-90 WITH MINIMUM COMPRESSIVE STRENGTH OF 1924 PSI AND GROUT CONFORMS TO ASTM C 476, MINIMUM GROUT COMPRESSIVE STRENGTH OF 2000 PSI.

D. HOLLOW BLOCK CMU - UNIT STRENGTH CONFORMS TO ASTM C-90 WITH MINIMUM COMPRESSIVE STRENGTH OF 1924 PSI.

E. STEEL - MINIMUM YIELD STRENGTH OF 36 KSI. MINIMUM WALL THICKNESS OF 33 MILS (0.033" or 20 GAUGE). MIN. 1/2" EDGE DISTANCE.

F. ALUMINUM - MINIMUM 1/8" THICKNESS. (6063-T5)

GENERAL NOTES:

1. THE PRODUCT SHOWN HEREIN IS DESIGNED AND MANUFACTURED TO COMPLY WITH THE CURRENT FLORIDA BUILDING CODE (FBC), **INCLUDING** HVHZ AND HAS BEEN EVALUATED ACCORDING TO THE FOLLOWING:

AAMA/WDMA/CSA 101/I.S.2/A440-17

ASTM 1886-19

ASTM 1996-20

TAS 201-94

TAS 202-94

TAS 203-94
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 NOT REQUIRED** TO PROTECT THIS PRODUCT IN AREAS REQUIRING IMPACT RESISTANCE.
6. DOOR FRAME MATERIAL: *PONDEROSA PINE OR EQUIVALENT WITH FIBERGLASS CLADDING. (MIN SG = 0.40)*
7. GLASS MEETS THE REQUIREMENTS OF ASTM E1300 GLASS CHARTS. SEE SHEET 9 FOR GLAZING DETAILS.
8. *DESIGNATIONS "X" AND "O" STAND FOR THE FOLLOWING:*

X: *OPERABLE PANEL*

O: *FIXED PANEL*
9. CUSTOM SIZES AVAILABLE UPON REQUEST. CUSTOM DESIGN PRESSURE WILL BE ASSIGNED EQUAL TO NEXT LARGER STANDARD SIZE.
- 10.IN ACCORDANCE WITH THE CURRENT FBC, WOOD COMPONENTS SHALL HAVE BEEN PRESERVATIVE TREATED OR SHALL BE OF A DURABLE SPECIES AS PER CH 23.
- 11.IN ACCORDANCE WITH THE FBC, DISSIMILAR METALS INCLUDING FASTENERS THAT MAY COME INTO CONTACT WITH ALUMINUM UNIT FRAMING SHALL BE PROTECTED AS PER CH 20.

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WATER RATING	MISSILE IMPACT RATING
W/ WATER INFILTRATION	LARGE AND SMALL MISSILE IMPACT RATED



100 FOURTH AVE NORTH
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TITLE: A-SERIES GLIDING PATIO DOOR WITH STORMWATCH PROTECTION (HVHZ)(IMPACT) GENERAL NOTES

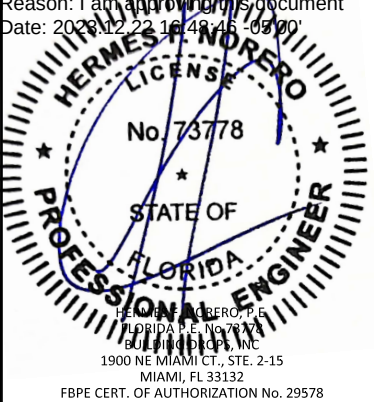
PREPARED BY: BUILDING DROPS, INC.
1900 NE MIAMI CT., STE. 2-15
MIAMI, FL 33132
PH: (954)399-8478
FAX: (954)744-4738
WEB: www.buildingdrops.com



REMARKS	BY	DATE
7TH FBC CODE CHANGE	SR	3.18.20
CONTEMPORARY UPD.	SH	2.6.23
DP TABLES UPDATE	MS	12/18/23

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Digitally signed by Hermes F. Norero, P.E.
Reason: I am approving this document
Date: 2023.12.22 16:48:45 -0500



HERMES F. NORERO, P.E.
FLORIDA P.E. NO. 73778
BUILDING DROPS, INC.
1900 NE MIAMI CT., STE. 2-15
MIAMI, FL 33132
FBPE CERT. OF AUTHORIZATION No. 29578

FL #:

FL14429

DATE:

08.09.17

DWG. BY:

HR

CHK. BY:

HFN

SCALE:

NTS

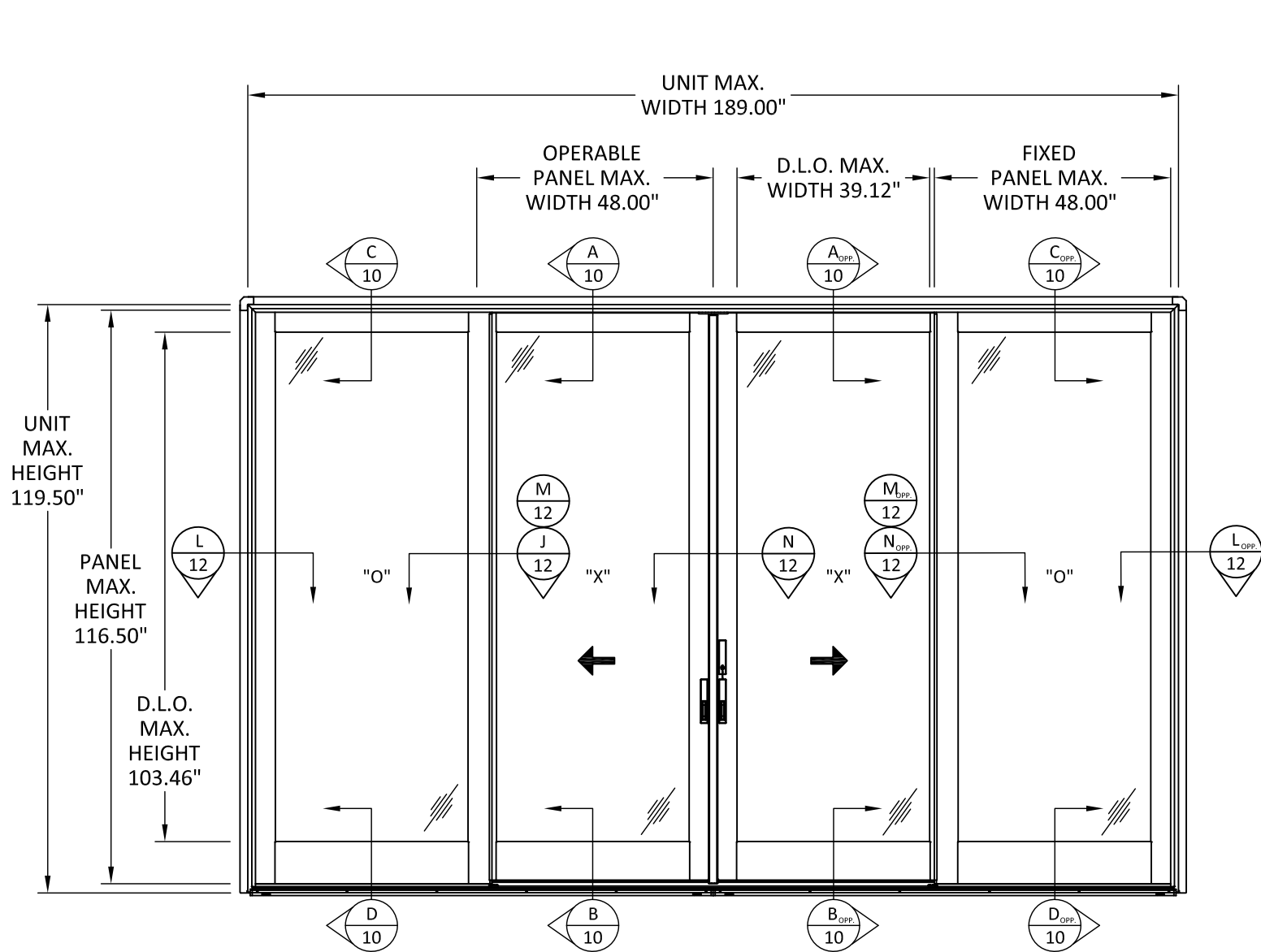
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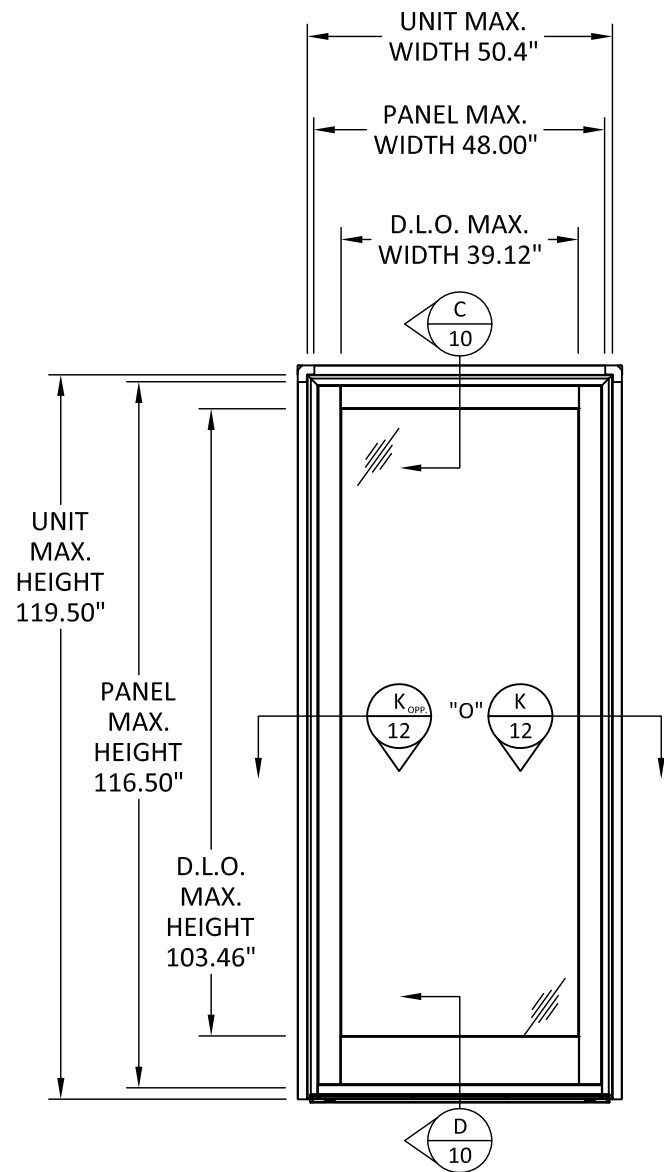
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1

OF 15



ELEVATION
TRADITIONAL



ELEVATION
TRADITIONAL



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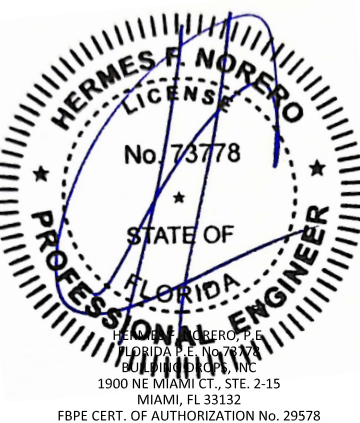
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SHEET:

2



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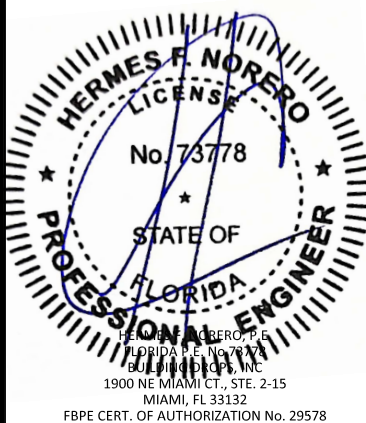
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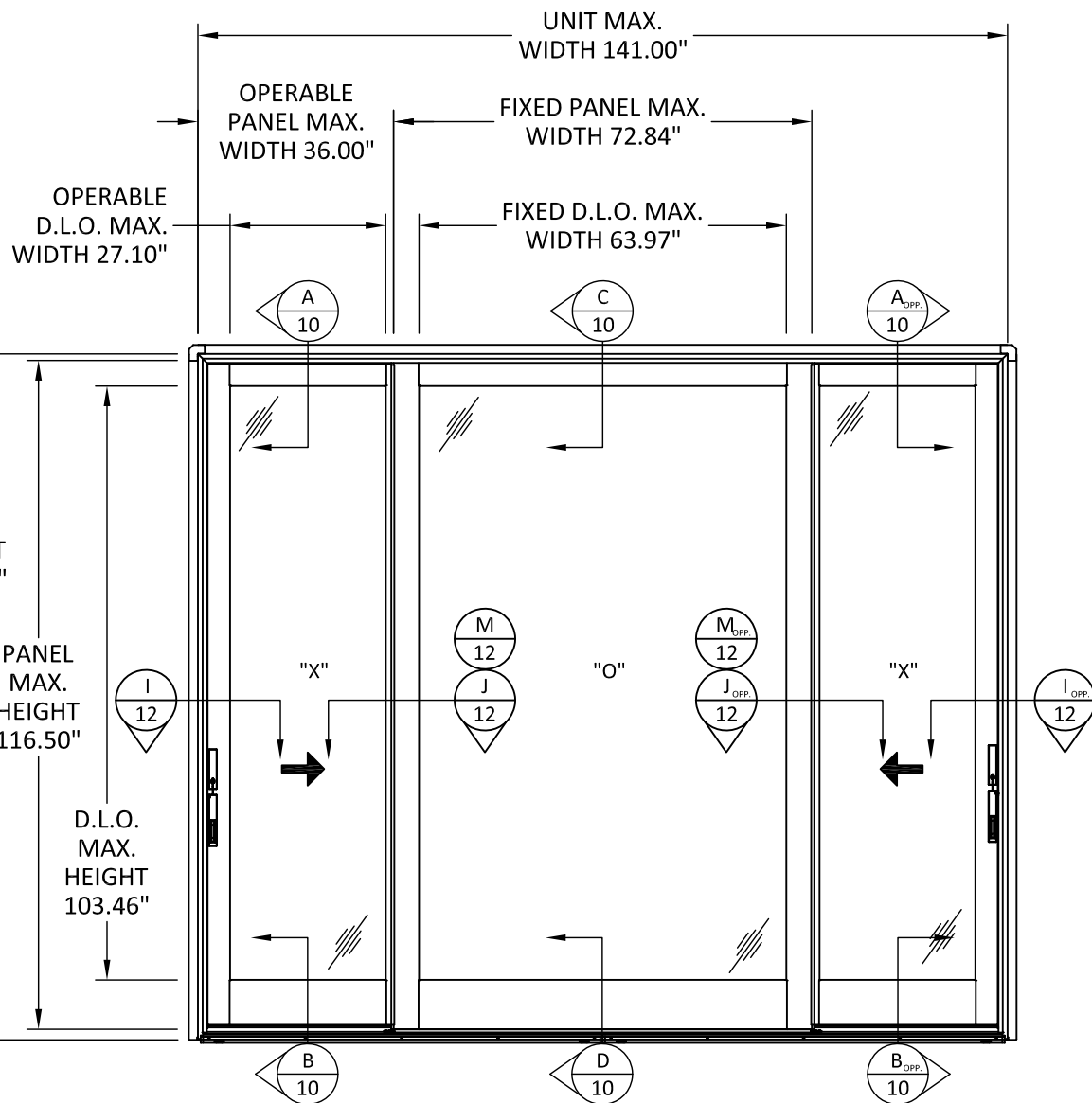
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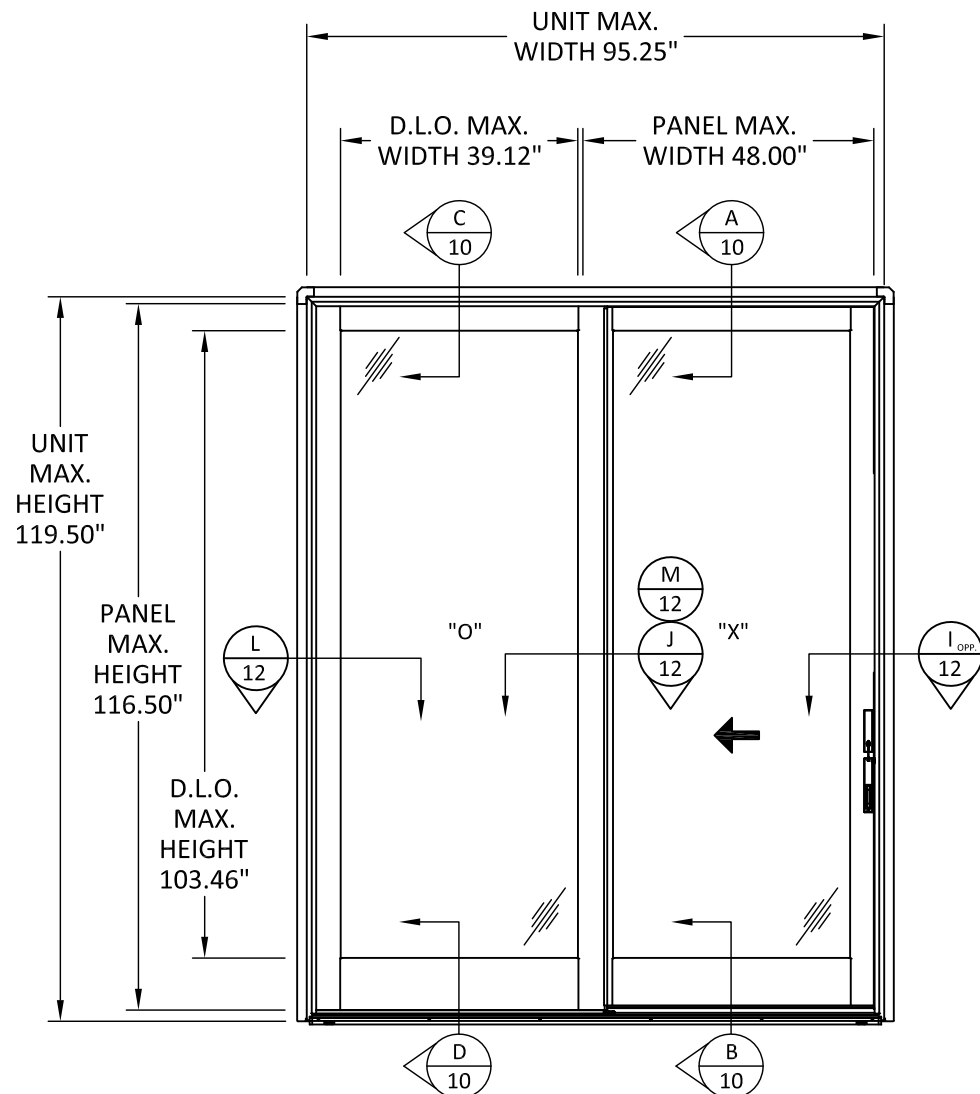
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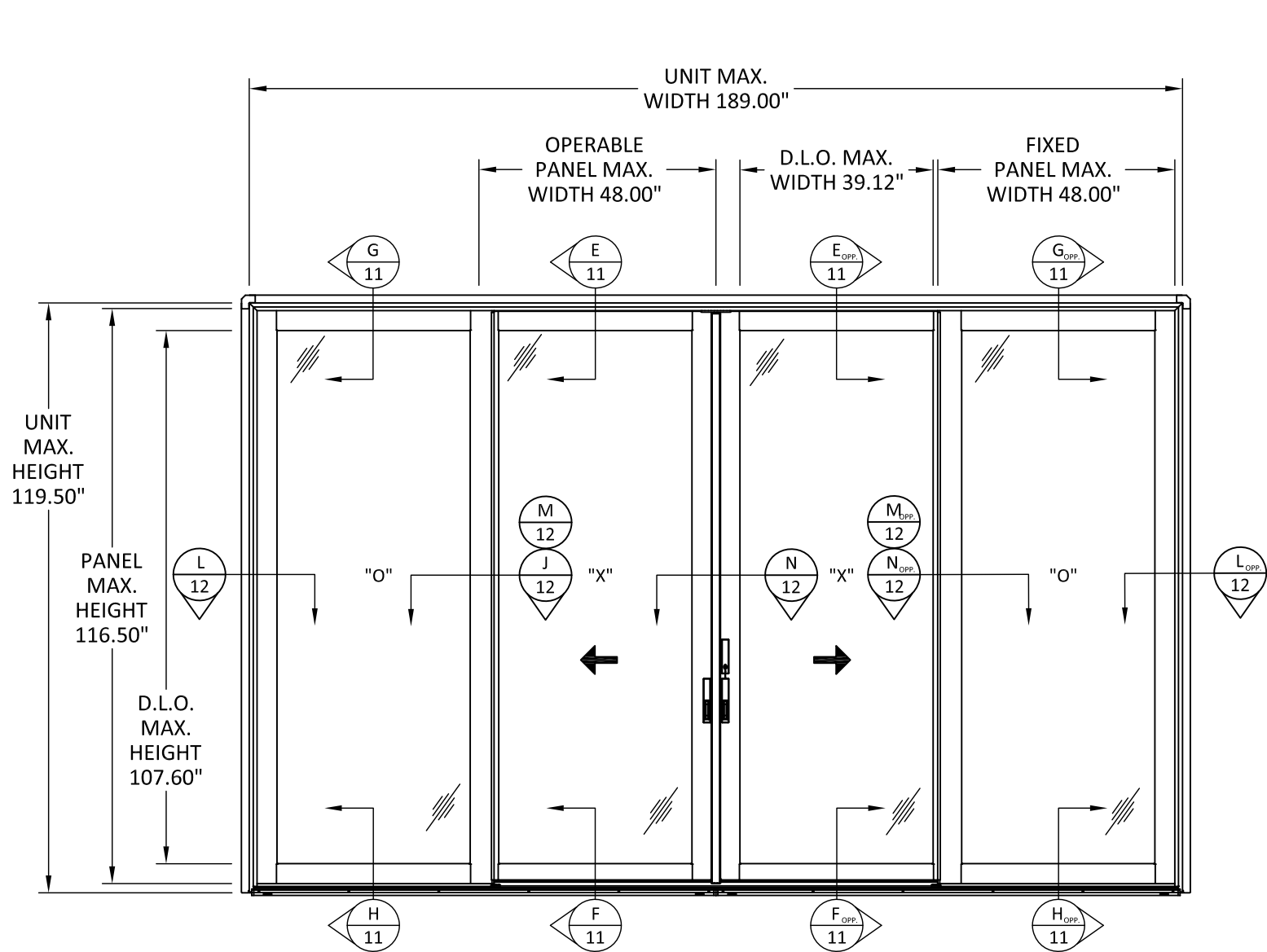
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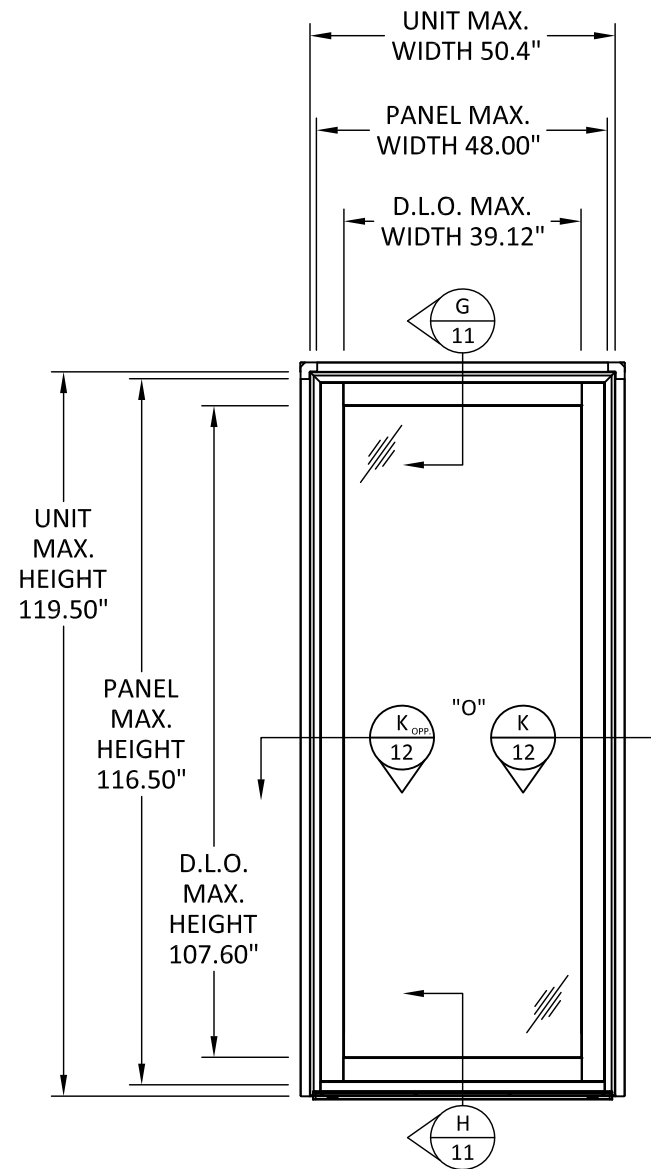
ELEVATION
TRADITIONAL



ELEVATION
TRADITIONAL



**ELEVATION
CONTEMPORARY**



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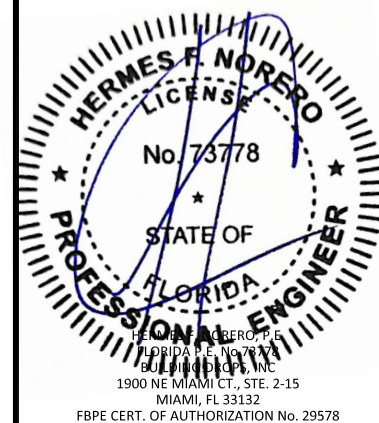
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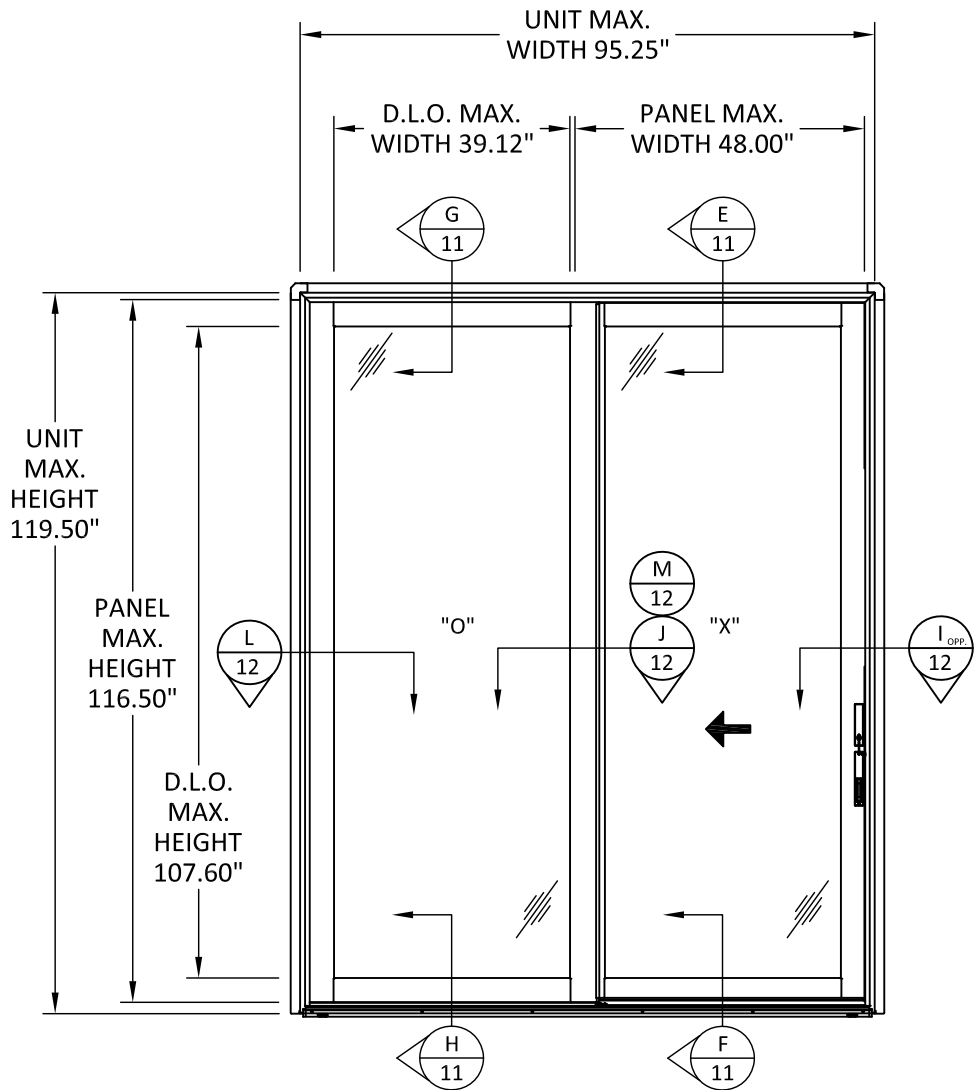
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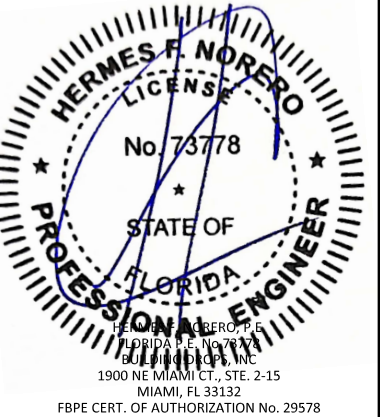
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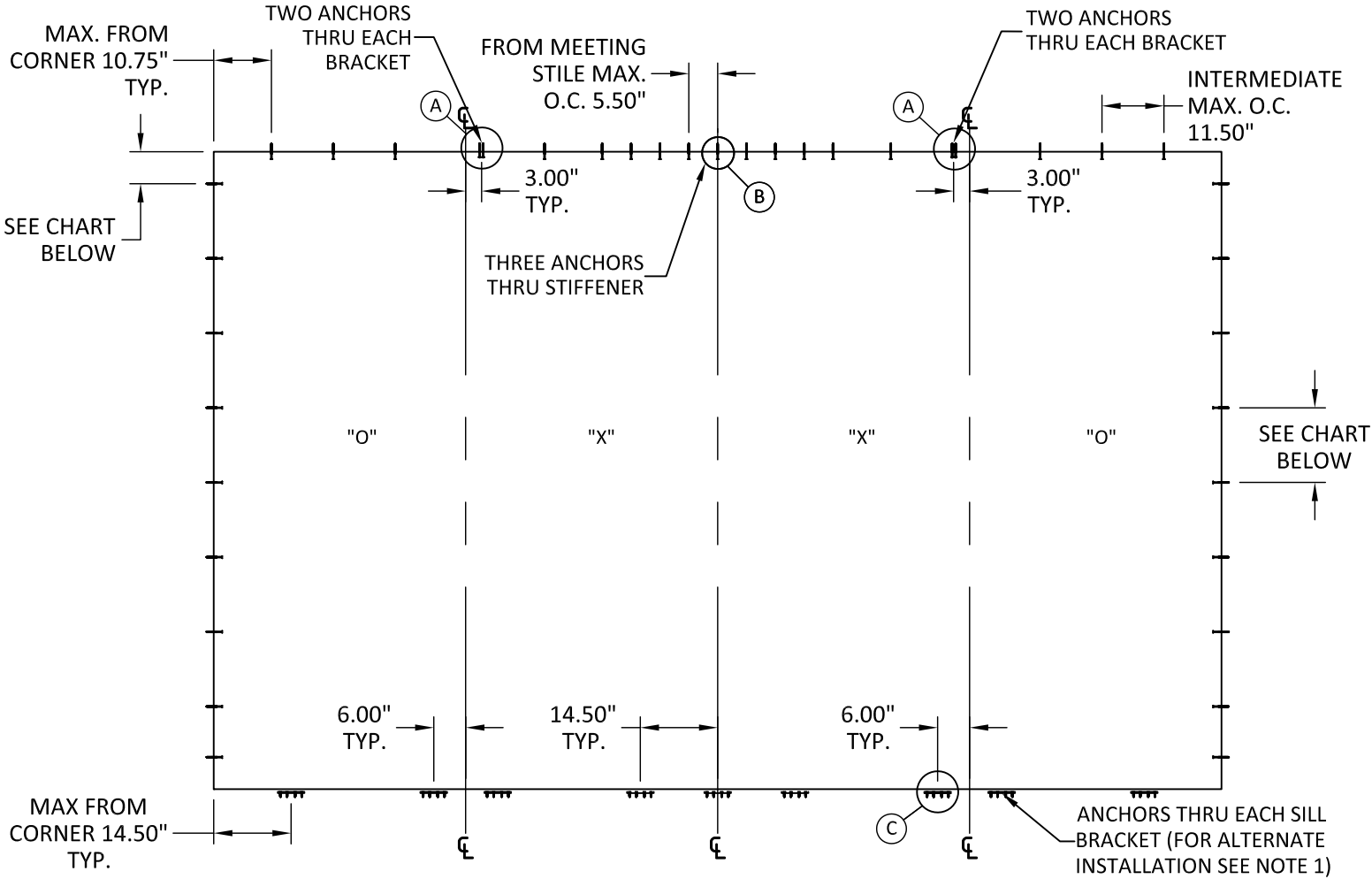


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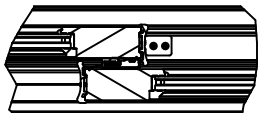
ANCHOR LAYOUT

JAMB ANCHOR SPACING (OXXO)		
HEIGHT	MAX. CORNER SPACING	MAX. O.C. SPACING
119.5"	6.0"	14.0"
95.5"	6.0"	14.0"
82.4"	6.0"	17.75"

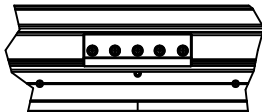
NOTE 1

USE OF CONTINUOUS SILL CLIP
REQUIRES A MAXIMUM O.C. SPACING OF:

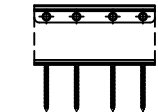
- 12.75" O.C. @ 189" WIDTH
- 8.50" O.C. @ 141" WIDTH
- 6.50" O.C. @ 95.25" WIDTH



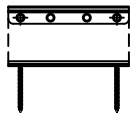
DETAIL A
HEAD JAMB BRACKET
2 ANCHORS THROUGH
BRACKET REQUIRED



DETAIL B
HEAD JAMB STIFFENER
3 ANCHORS THROUGH
STIFFENER REQUIRED



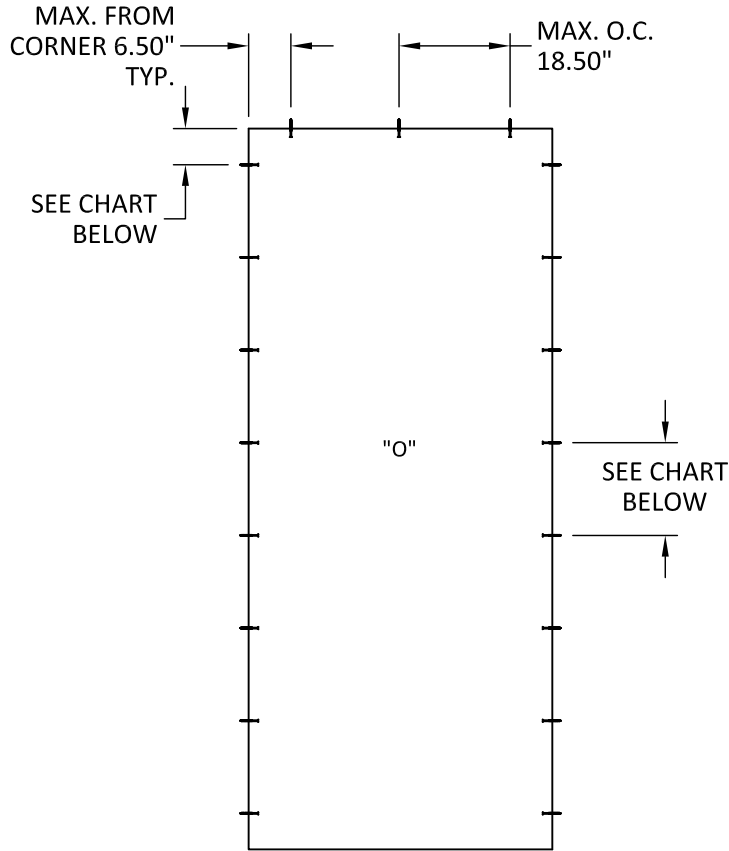
(4) ANCHORS FOR
WOOD OR METAL



(2) ANCHORS FOR
CONCRETE/MASONRY

DETAIL C

SILL BRACKET
SEE ABOVE FOR
ANCHOR QUANTITIES



ANCHOR LAYOUT

JAMB ANCHOR SPACING (O)		
HEIGHT	MAX. CORNER SPACING	MAX. O.C. SPACING
119.5"	8.0"	13.0"
95.5"	8.0"	13.0"
82.4"	8.0"	17.0"



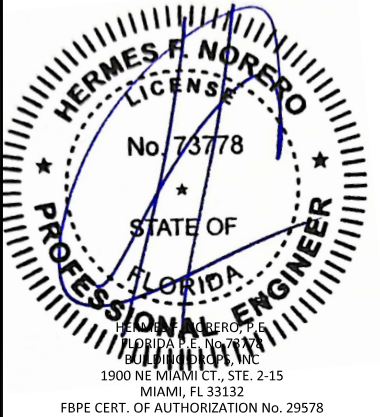
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BAYPORT, MN 55003-1096
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TITLE: A-SERIES GLIDING PATIO DOOR WITH STORMWATCH PROTECTION (HVHZ/IMPACT) ANCHOR LAYOUTS

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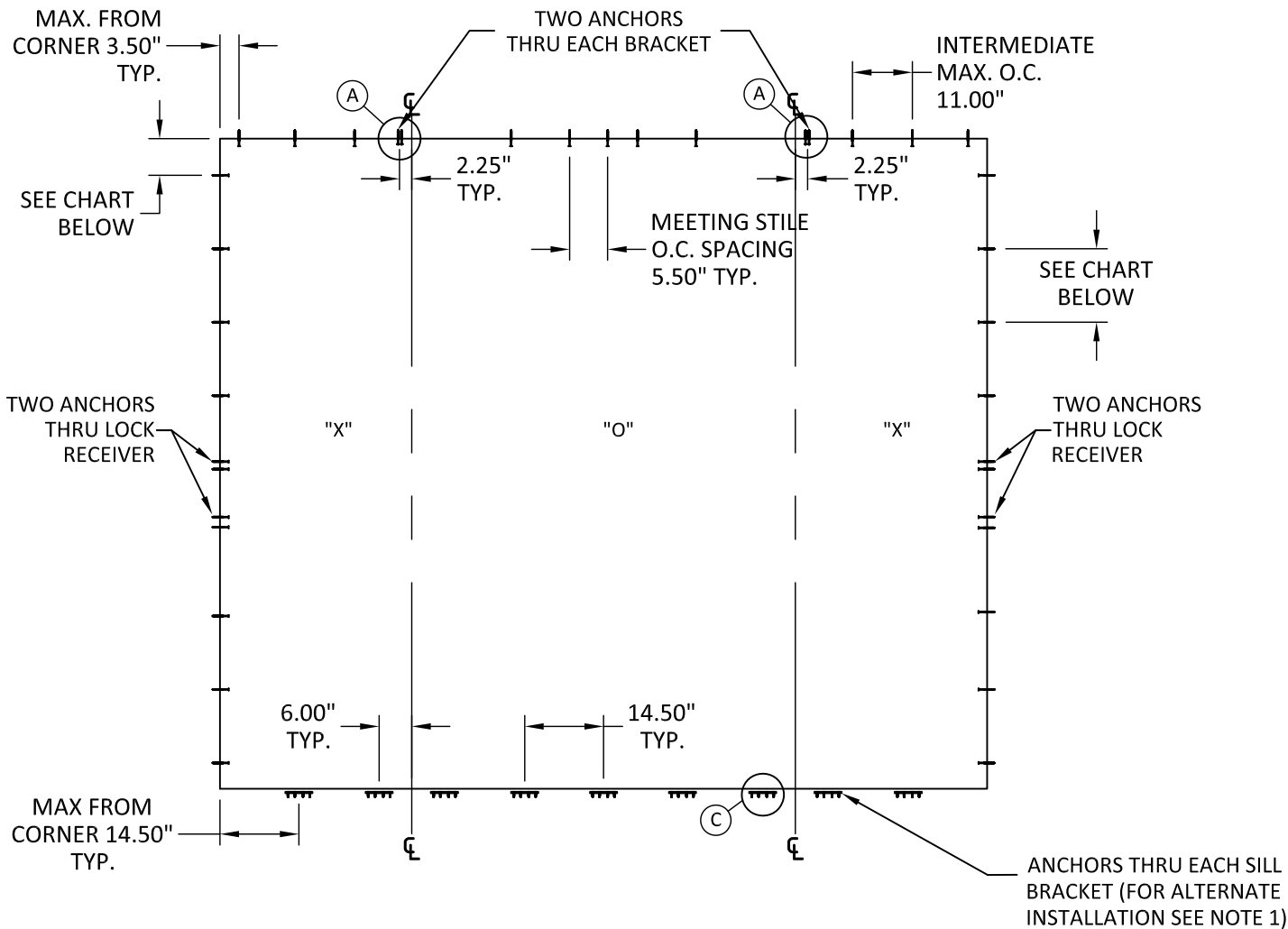
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SHEET:
6



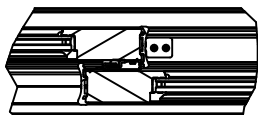
ANCHOR LAYOUT

JAMB ANCHOR SPACING (XOX)		
HEIGHT	MAX. CORNER SPACING	MAX. O.C. SPACING
119.5"	7.0"	14.0"
95.5"	7.0"	14.0"
82.4"	7.0"	17.0"

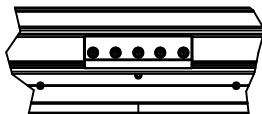
NOTE 1

USE OF CONTINUOUS SILL CLIP
REQUIRES A MAXIMUM O.C. SPACING OF:

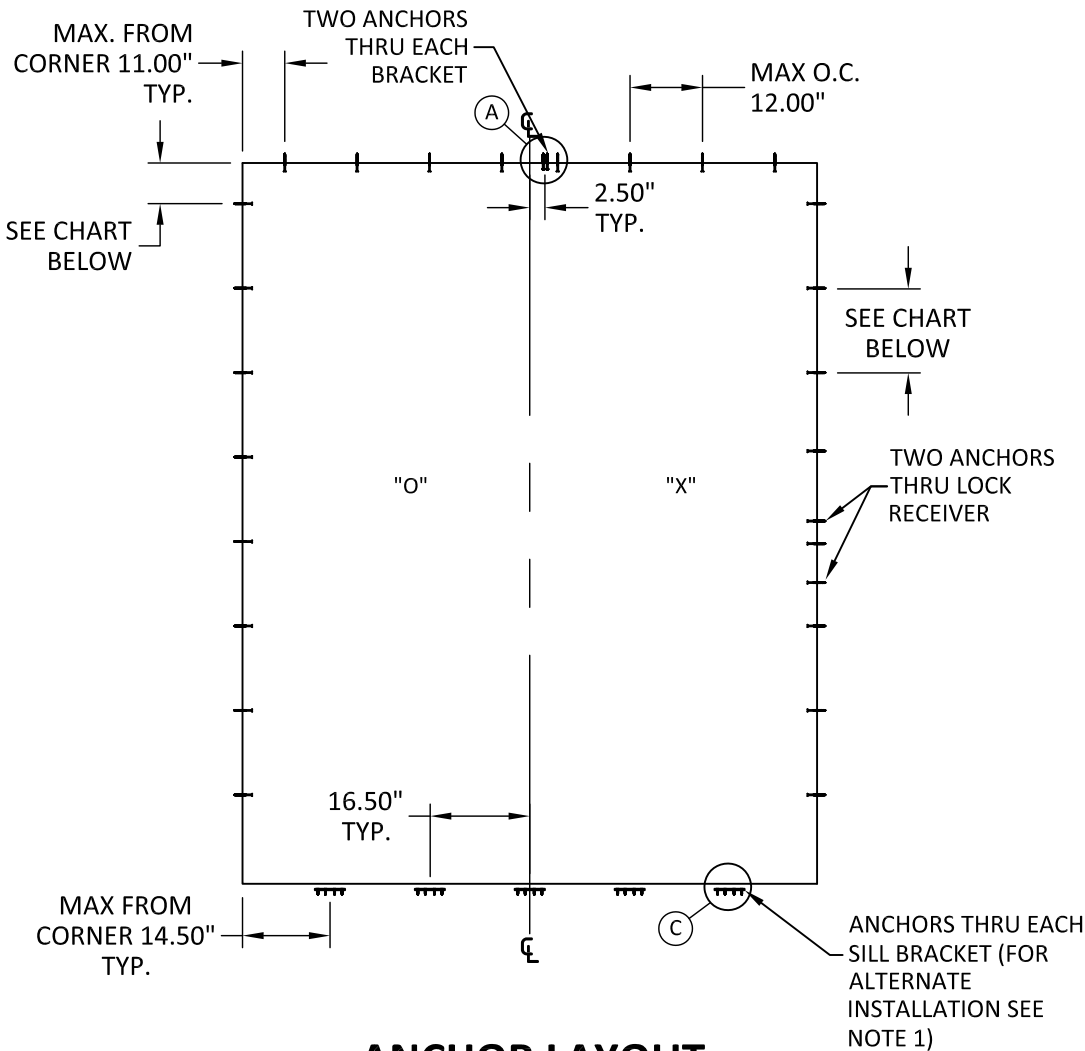
- 12.75" O.C. @ 189" WIDTH
- 8.50" O.C. @ 141" WIDTH
- 6.50" O.C. @ 95.25" WIDTH



DETAIL A
HEAD JAMB BRACKET
2 ANCHORS THROUGH
BRACKET REQUIRED

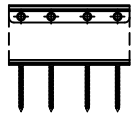


DETAIL B
HEAD JAMB STIFFENER
3 ANCHORS THROUGH
STIFFENER REQUIRED

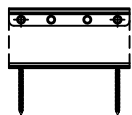


ANCHOR LAYOUT

JAMB ANCHOR SPACING (XO)		
HEIGHT	MAX. CORNER SPACING	MAX. O.C. SPACING
119.5"	7.0"	14.0"
95.5"	7.0"	14.0"
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(4) ANCHORS FOR
WOOD OR METAL



(2) ANCHORS FOR
CONCRETE/MASONRY

DETAIL C

SILL BRACKET
SEE ABOVE FOR
ANCHOR QUANTITIES



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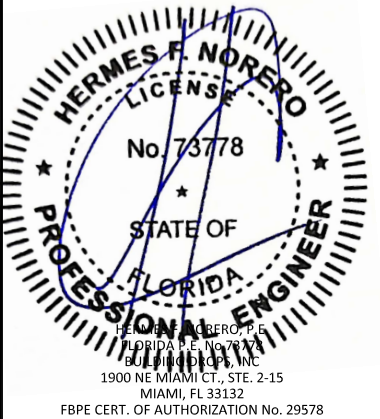
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SHEET:	7

A-SERIES GLIDING DOOR UNITS <u>WITH</u> DROP-NOSE SILL																	
CONFIGURATION	HEIGHT (IN.)	WIDTH (IN.)	DESIGN PRESSURE (PSF)														
			G1		G2		G3		G4		G5		G7		G8		G9
			POS.	NEG.	POS.	NEG.	POS.	NEG.	POS.	NEG.	POS.	NEG.	POS.	NEG.	POS.	NEG.	NEG.
OXXO	79.50	141.00	65.0	70.0	-	-	65.0	70.0	-	-	-	-	-	-	-	-	-
OXXO	79.50	189.00	65.0	70.0	-	-	-	-	65.0	70.0	-	-	-	-	-	-	-
OXXO	82.38	117.00	65.0	70.0	-	-	65.0	70.0	-	-	-	-	-	-	-	-	-
OXXO	83.38	189.00	65.0	70.0	-	-	-	-	65.0	65.0	-	-	-	-	-	-	-
OXXO	95.50	165.00	-	-	50.0	50.0	-	-	-	-	50.0	50.0	-	-	-	-	-
OXXO	95.50	189.00	-	-	50.0	50.0	-	-	-	-	-	-	-	-	-	-	-
OXXO	119.50	165.00	-	-	50.0	50.0	-	-	-	-	50.0	50.0	-	-	-	-	-
OXXO	119.50	189.00	-	-	50.0	50.0	-	-	-	-	-	-	-	-	-	-	-
XOX (OPERATING PANEL)	79.50	141.00	65.0	70.0	-	-	65.0	70.0	-	-	-	-	-	-	-	-	-
XOX (FIXED PANEL)	79.50	141.00	-	-	-	-	-	-	-	-	-	-	65.0	70.0	65.0	70.0	-
XOX (OPERATING PANEL)	82.38	117.00	65.0	70.0	-	-	65.0	70.0	-	-	-	-	-	-	-	-	-
XOX (FIXED PANEL)	82.38	117.00	-	-	-	-	-	-	-	-	-	-	65.0	70.0	65.0	70.0	-
XOX (OPERATING PANEL)	82.38	141.00	65.0	70.0	-	-	-	-	65.0	70.0	-	-	-	-	-	-	-
XOX (FIXED PANEL)	82.38	141.00	-	-	50.0	50.0	-	-	-	-	50.0	50.0	65.0	70.0	65.0	70.0	-
XOX (OPERATING PANEL)	95.50	141.00	-	-	-	-	-	-	-	-	-	-	-	-	-	50.0	50.0
XOX (FIXED PANEL)	95.50	141.00	-	-	50.0	50.0	-	-	-	-	50.0	50.0	50.0	50.0	-	-	-
XOX (OPERATING PANEL)	119.50	141.00	-	-	-	-	-	-	-	-	-	-	-	-	-	50.0	50.0
XOX (FIXED PANEL)	119.50	141.00	-	-	-	-	-	-	-	-	-	-	50.0	50.0	-	-	-
OX	79.50	71.25	70.0	80.0	-	-	70.0	80.0	-	-	-	-	-	-	-	-	-
OX	79.50	95.25	70.0	80.0	-	-	-	-	70.0	80.0	-	-	-	-	-	-	-
OX	82.38	59.25	70.0	80.0	-	-	70.0	80.0	-	-	-	-	-	-	-	-	-
OX	82.38	95.25	70.0	80.0	-	-	-	-	70.0	80.0	-	-	-	-	-	-	-
OX	95.50	95.25	-	-	70.0	70.0	-	-	-	-	70.0	70.0	-	-	-	-	-
OX	101.50	83.25	-	-	66.25	66.25	-	-	-	-	66.25	66.25	-	-	-	-	-
OX	101.50	95.25	-	-	66.25	66.25	-	-	-	-	-	-	-	-	-	-	-
OX	107.50	83.25	-	-	62.5	62.5	-	-	-	-	62.5	62.5	-	-	-	-	-
OX	107.50	95.25	-	-	62.5	62.5	-	-	-	-	-	-	-	-	-	-	-
OX	113.50	83.25	-	-	58.75	58.75	-	-	-	-	58.75	58.75	-	-	-	-	-
OX	119.50	83.25	-	-	55.0	55.0	-	-	-	-	55.0	55.0	-	-	-	-	-
OX	119.50	95.25	-	-	55.0	55.0	-	-	-	-	-	-	-	-	-	-	-
O	79.50	38.34	65.0	80.0	-	-	65.0	80.0	-	-	-	-	-	-	-	-	-
O	79.50	50.34	65.0	80.0	-	-	-	-	65.0	80.0	-	-	-	-	-	-	-
O	82.38	32.34	65.0	80.0	-	-	65.0	80.0	-	-	-	-	-	-	-	-	-
O	82.38	50.34	65.0	80.0	-	-	-	-	65.0	80.0	-	-	-	-	-	-	-
O	95.50	44.34	-	-	65.0	70.0	-	-	-	-	65.0	70.0	-	-	-	-	-
O	101.50	44.34	-	-	62.5	66.25	-	-	-	-	62.5	66.25	-	-	-	-	-
O	101.50	50.34	-	-	62.5	66.25	-	-	-	-	-	-	-	-	-	-	-
O	107.50	56.34	-	-	60.0	62.5	-	-	-	-	60.0	62.5	-	-	-	-	-
O	107.50	62.34	-	-	60.0	62.5	-	-	-	-	-	-	-	-	-	-	-
O	113.50	68.34	-	-	57.5	58.75	-	-	-	-	57.5	58.75	-	-	-	-	-
O	119.50	74.34	-	-	55.0	55.0	-	-	-	-	55.0	55.0	-	-	-	-	-
O	119.50	80.34	-	-	55.0	55.0	-	-	-	-	-	-	-	-	-	-	-

*NOTE: 'XOX' CONFIGURATIONS ONLY FOR TRADITIONAL UNITS.

ALL PRESSURES MEET WATER INFILTRATION REQUIREMENTS.

A-SERIES GLIDING DOOR UNITS <u>WITHOUT</u> DROP-NOSE SILL																	
CONFIGURATION	HEIGHT (IN.)	WIDTH (IN.)	DESIGN PRESSURE (PSF)														
			G1		G2		G3		G4		G5		G7		G8		G9
			POS.	NEG.	POS.	NEG.	POS.	NEG.	POS.	NEG.	POS.	NEG.	POS.	NEG.	POS.	NEG.	NEG.
OXXO	79.50	141.00	50.0	70.0	-	-	50.0	70.0	-	-	-	-	-	-	-	-	-
OXXO	79.50	189.00	50.0	70.0	-	-	-	-	50.0	70.0	-	-	-	-	-	-	-
OXXO	82.38	117.00	50.0	70.0	-	-	50.0	70.0	-	-	-	-	-	-	-	-	-
OXXO	83.38	189.00	50.0	70.0	-	-	-	-	50.0	65.0	-	-	-	-	-	-	-
OXXO	95.50	165.00	-	-	50.0	50.0	-	-	-	-	50.0	50.0	-	-	-	-	-
OXXO	95.50	189.00	-	-	50.0	50.0	-	-	-	-	-	-	-	-	-	-	-
OXXO	119.50	165.00	-	-	50.0	50.0	-	-	-	-	50.0	50.0	-	-	-	-	-
OXXO	119.50	189.00	-	-	50.0	50.0	-	-	-	-	-	-	-	-	-	-	-
XOX (OPERATING PANEL)	79.50	141.00	50.0	70.0	-	-	50.0	70.0	-	-	-	-	-	-	-	-	-
XOX (FIXED PANEL)	79.50	141.00	-	-	-	-	-	-	-	-	-	-	-	-	50.0	70.0	-
XOX (OPERATING PANEL)	82.38	117.00	50.0	70.0	-	-	50.0	70.0	-	-	-	-	-	-	-	-	-
XOX (FIXED PANEL)	82.38	117.00	-	-	-	-	-	-	-	-	-	-	50.0	70.0	50.0	70.0	-
XOX (OPERATING PANEL)	82.38	141.00	50.0	70.0	-	-	-	-	50.0	70.0	-	-	-	-	-	-	-
XOX (FIXED PANEL)	82.38	141.00	-	-	50.0	50.0	-	-	-	-	50.0	50.0	50.0	70.0	50.0	70.0	-
XOX (OPERATING PANEL)	95.50	141.00	-	-	-	-	-	-	-	-	-	-	-	-	-	50.0	50.0
XOX (FIXED PANEL)	95.50	141.00	-	-	50.0	50.0	-	-	-	-	50.0	50.0	50.0	50.0	-	-	-
XOX (OPERATING PANEL)	119.50	141.00	-	-	-	-	-	-	-	-	-	-	-	-	-	50.0	50.0
XOX (FIXED PANEL)	119.50	141.00	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
OX	79.50	71.25	50.0	80.0	-	-	50.0	80.0	-	-	-	-	-	-	-	-	-
OX	79.50	95.25	50.0	80.0	-	-	-	-	50.0	80.0	-	-	-	-	-	-	-
OX	82.38	59.25	50.0	80.0	-	-	50.0	80.0	-	-	-	-	-	-	-	-	-
OX	82.38	95.25	50.0	80.0	-	-	-	-	50.0	80.0	-	-	-	-	-	-	-
OX	95.50	95.25	-	-	50.0	70.0	-	-	-	-	50.0	70.0	-	-	-	-	-
OX	101.50	83.25	-	-	50.0	66.25	-	-	-	-	50.0	66.25	-	-	-	-	-
OX	101.50	95.25	-	-	50.0	66.25	-	-	-	-	-	-	-	-	-	-	-
OX	107.50	83.25	-	-	50.0	62.5	-	-	-	-	50.0	62.5	-	-	-	-	-
OX	107.50	95.25	-	-	50.0	62.5	-	-	-	-	-	-	-	-	-	-	-
OX	113.50	83.25	-	-	50.0	58.75	-	-	-	-	50.0	58.75	-	-	-	-	-
OX	119.50	83.25	-	-	50.0	55.0	-	-	-	-	50.0	55.0	-	-	-	-	-
OX	119.50	95.25	-	-	50.0	55.0	-	-	-	-	-	-	-	-	-	-	-
O	79.50	38.34	45.0	80.0	-	-	50.0	80.0	-	-	-	-	-	-	-	-	-
O	79.50	50.34	45.0	80.0	-	-	-	-	50.0	80.0	-	-	-	-	-	-	-
O	82.38	32.34	45.0	80.0	-	-	50.0	80.0	-	-	-	-	-	-	-	-	-
O	82.38	50.34	45.0	80.0	-	-	-	-	50.0	80.0	-	-	-	-	-	-	-
O	95.50	44.34	-	-	45.0	70.0	-	-	-	-	45.0	70.0	-	-	-	-	-
O	101.50	44.34	-	-	45.0	66.25	-	-	-	-	45.0	66.25	-	-	-	-	-
O	101.50	50.34	-	-	45.0	66.25	-	-	-	-	-	-	-	-	-	-	-
O	107.50	56.34	-	-	45.0	62.5	-	-	-	-	45.0	62.5	-	-	-	-	-
O	107.50	62.34	-	-	45.0	62.5	-	-	-	-	-	-	-	-	-	-	-
O	113.50	68.34	-	-	45.0	58.75	-	-	-	-	45.0	58.75	-	-	-	-	-
O	119.50	74.34	-	-	45.0	55.0	-	-	-	-	45.0	55.0	-	-	-	-	-
O	119.50	80.34	-	-	45.0	55.0	-	-	-	-	-	-	-	-	-	-	-

*NOTE: 'XOX' CONFIGURATIONS ONLY FOR TRADITIONAL UNITS.



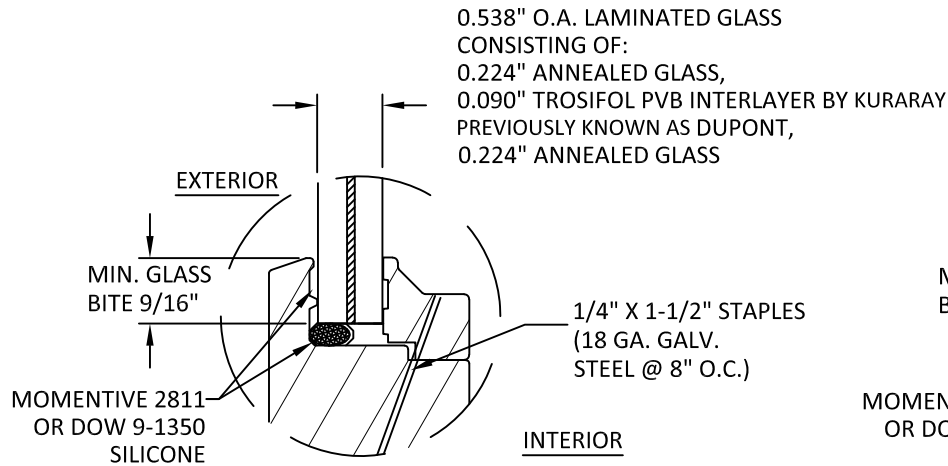
100 FOURTH AVE NORTH
BAYPORT, MN 55003-1096
PH: (651) 264-5150 FX: (651) 264-5485

TITLE: A-SERIES GLIDING
PATIO DOOR WITH
STORMWATCH PROTECTION
(HVHZ)/(IMPACT)
DESIGN PRESSURE TABLES

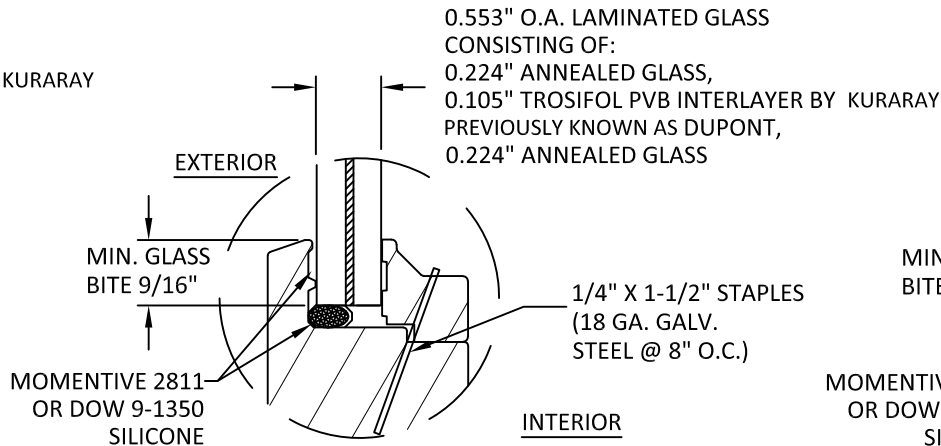
PREPARED BY:
BUILDING DROPS, INC.
1900 NE MIAMI CT., STE. 2-15
MIAMI, FL 33132
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FAX: (954)744-4738
WEB: www.buildingdrops.com



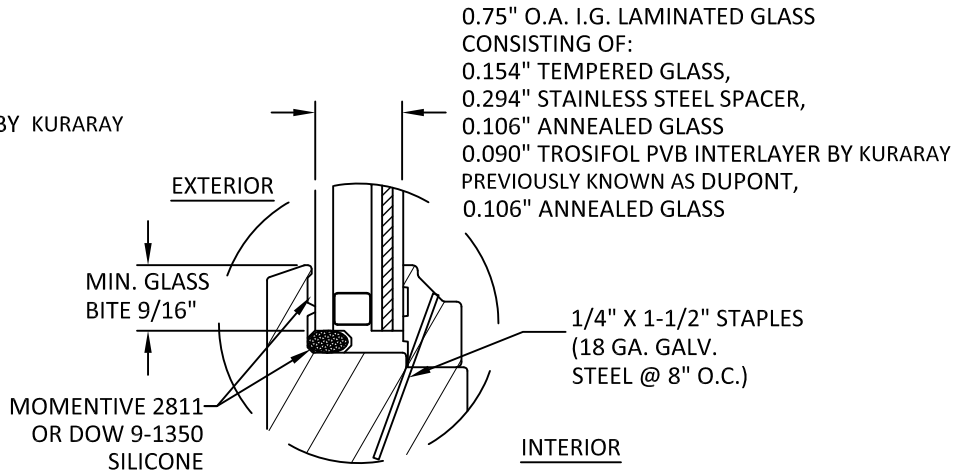
REMARKS	BY	DATE
7TH FBC CODE CHANGE	SR	3.18.20
CONTEMPORARY UPD.	SH	2.6.23
DP TABLES UPDATE	MS	12/18/23



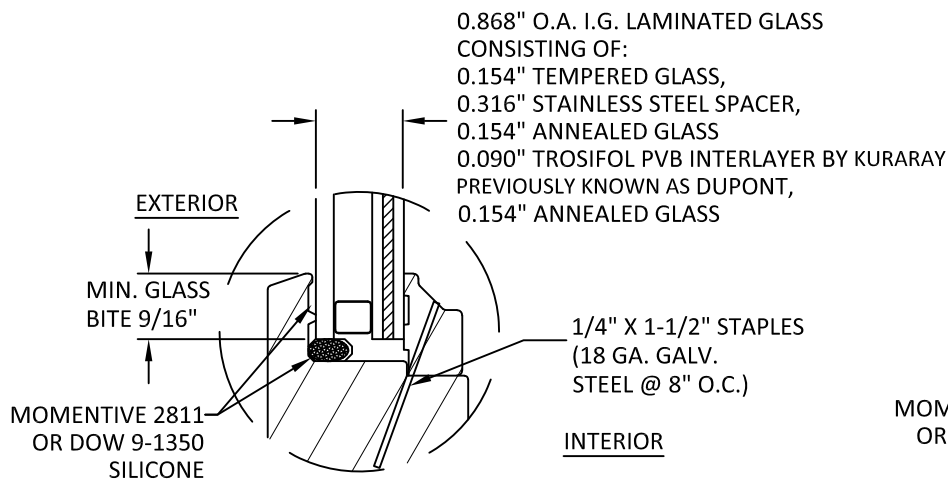
GLAZING DETAIL 1



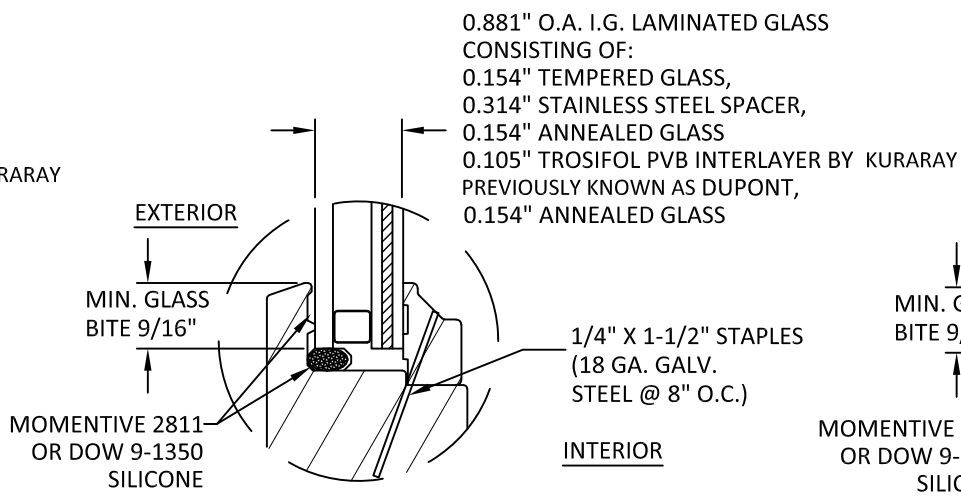
GLAZING DETAIL 2



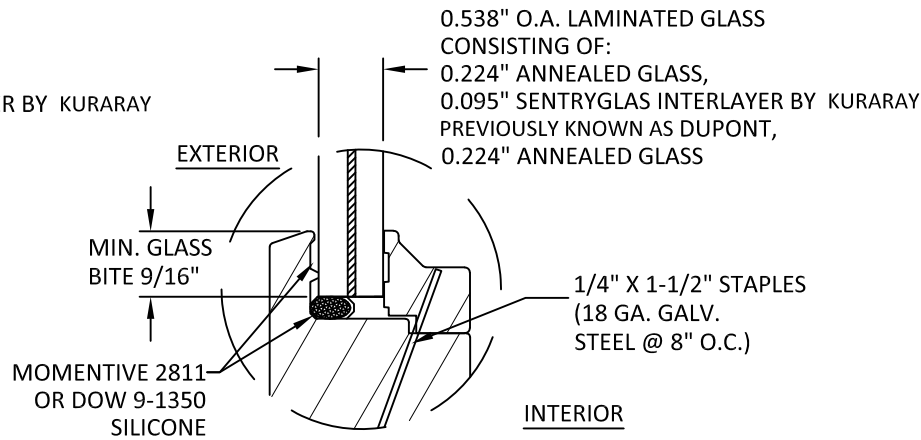
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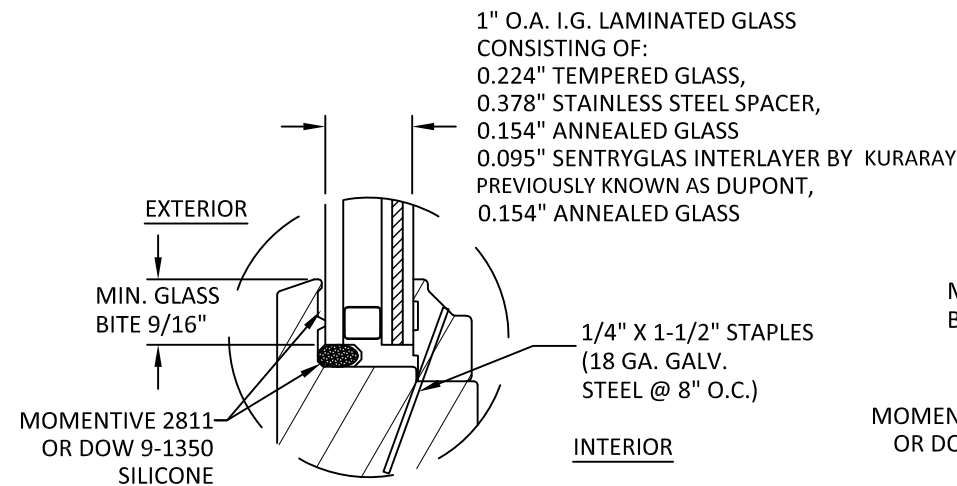
GLAZING DETAIL 4



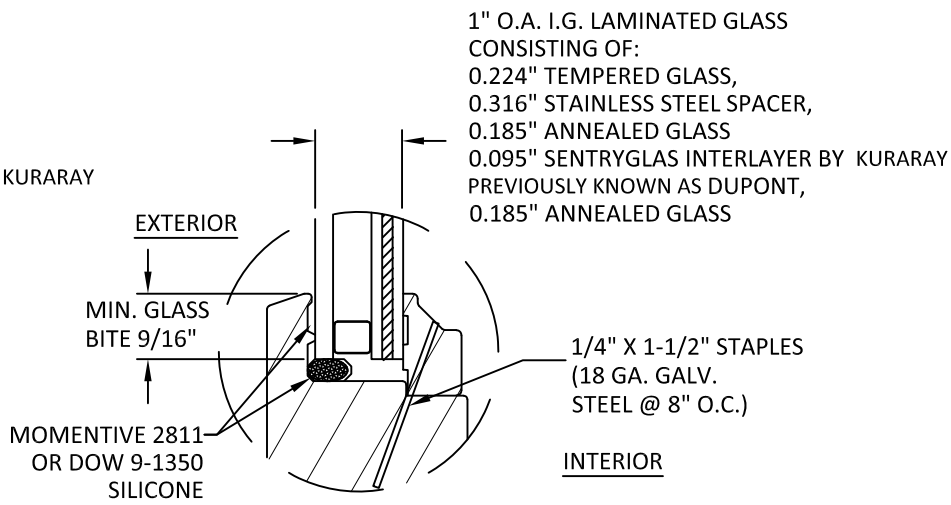
GLAZING DETAIL 5



GLAZING DETAIL 7



GLAZING DETAIL 8



GLAZING DETAIL 9

GLAZING NOTES:

1. GLAZING COMPLIES WITH ASTM E1300 AND FBC SAFETY GLAZING REQUIREMENTS.
2. SETTING BLOCK DUROMETER HARDNESS OF 70-90 (SHORE A) AS REFERENCED IN CHAPTER 24.
3. SETTING BLOCKS TO BE LOCATED AT 1/4 SPAN LENGTH FOR GLASS WIDER THAN 36" AS PER CHAPTER 24.
4. D.L.O. MAY NOT EXCEED MAX DIMENSIONS SHOWN ON ELEVATIONS.

NOTE: TRADITIONAL GLASS STOPS SHOWN REFER TO SHEET 13 FOR CONTEMPORARY GLASS STOPS.



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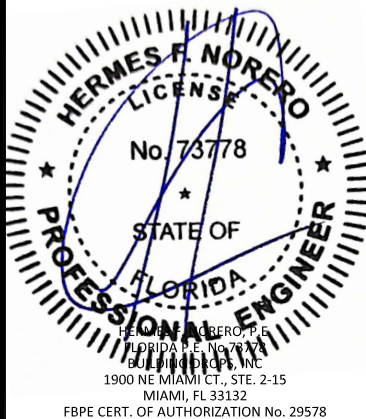
TITLE: A-SERIES GLIDING
PATIO DOOR WITH
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(HVHZ)/(IMPACT)
GLAZING DETAILS

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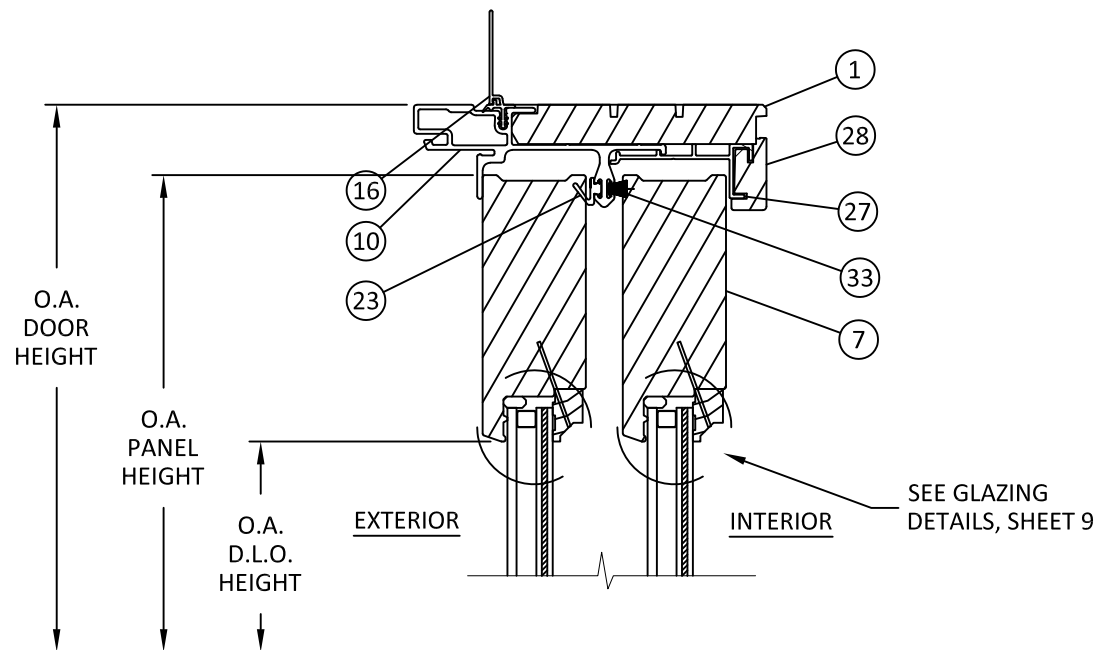


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CONTEMPORARY UPD.	SH	2.6.23
DP TABLES UPDATE	MS	12/18/23

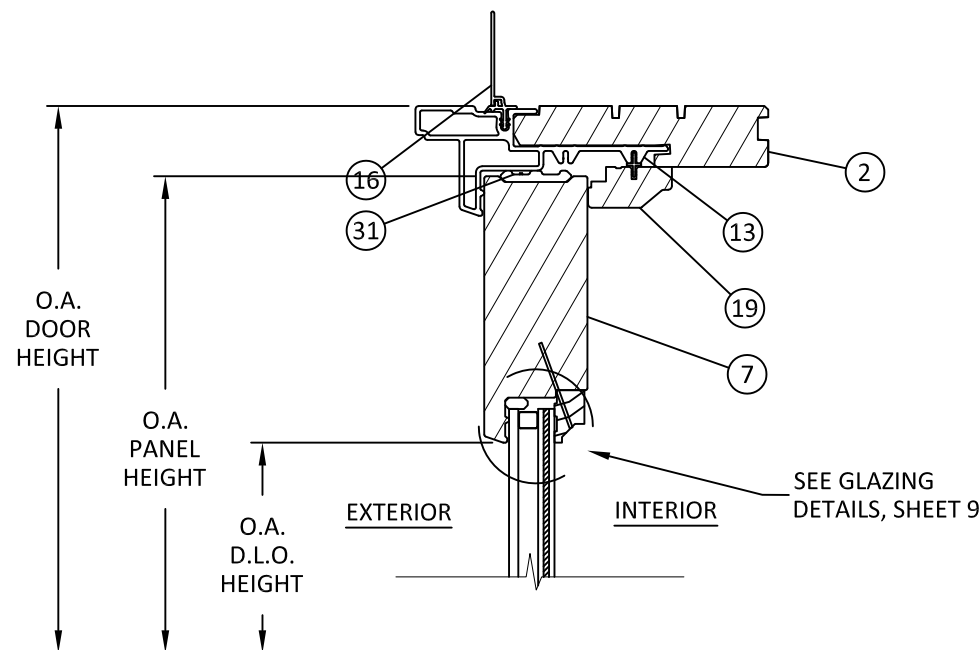
THE INSTALLATION DETAILS DESCRIBED HEREIN
ARE GENERIC AND MAY NOT REFLECT ACTUAL CONDITIONS
FOR A SPECIFIC SITE. IF SITE CONDITIONS CAUSE
INSTALLATION TO DEVIATE FROM THE REQUIREMENTS
DETAILED HEREIN, A LICENSED ENGINEER OR ARCHITECT
SHALL PREPARE SITE SPECIFIC DOCUMENTS FOR USE
WITH THIS DOCUMENT



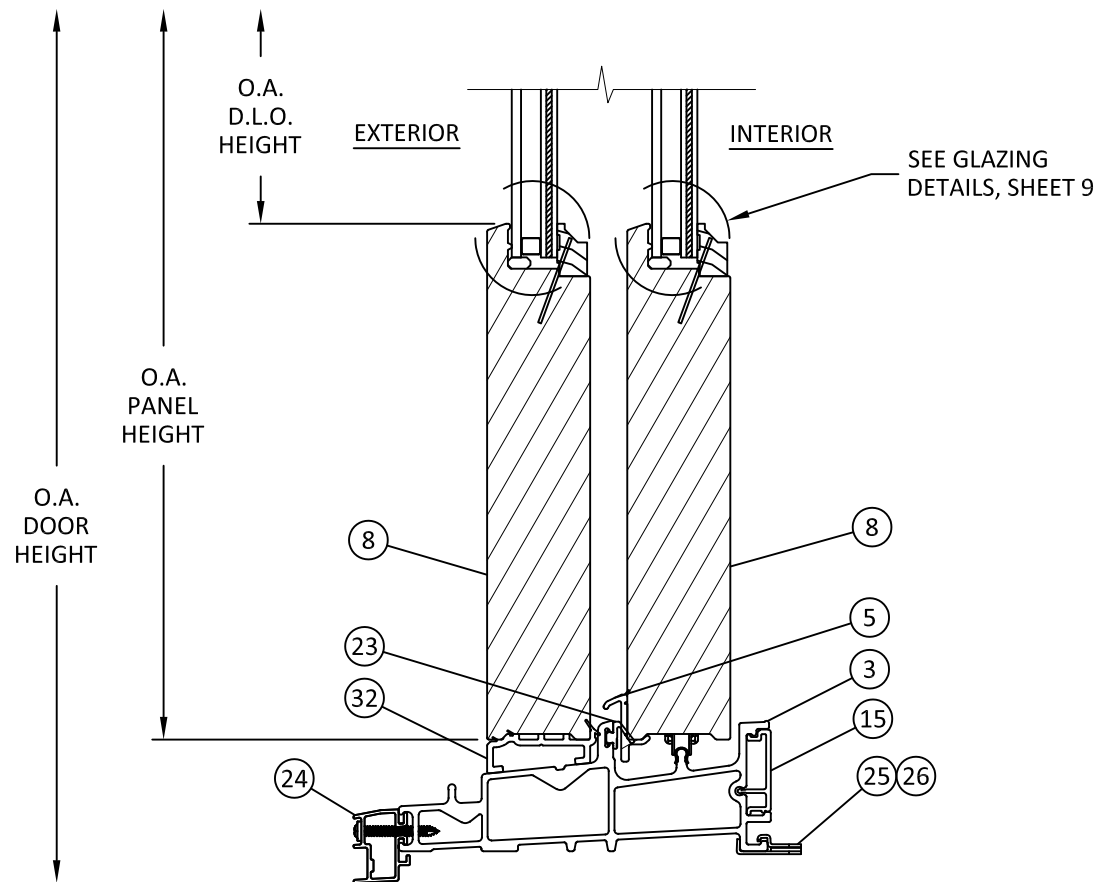
FL #:	FL14429
DATE:	08.09.17
DWG. BY:	HR
CHK. BY:	HFN
SCALE:	NTS
DWG. #:	AWD118
SHEET:	9



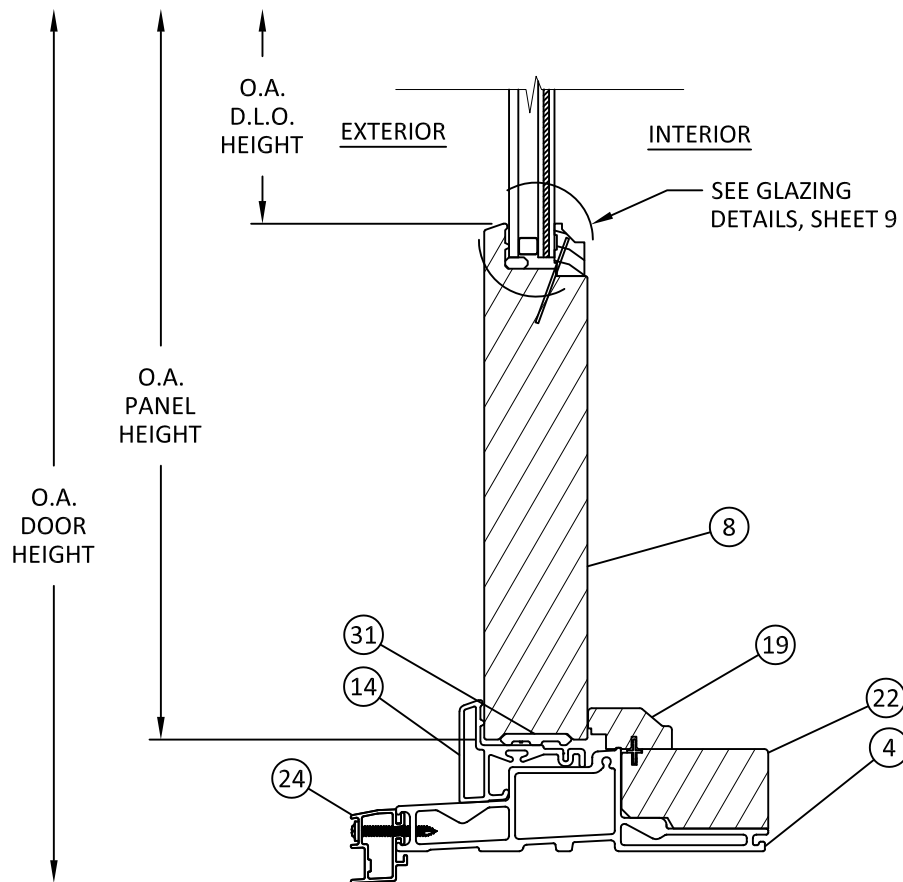
A
10 VERTICAL SECTION
TRADITIONAL - HEAD



C
10 VERTICAL SECTION
TRADITIONAL - FIXED HEAD



B
10 VERTICAL SECTION
TRADITIONAL - SILL



D
10 VERTICAL SECTION
TRADITIONAL - FIXED SILL



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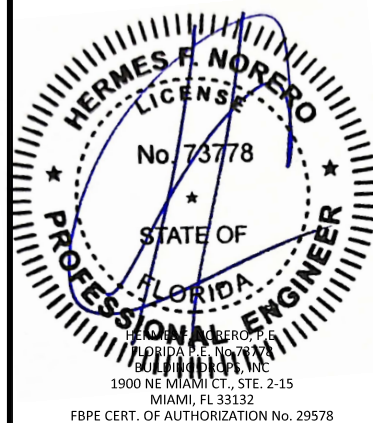
TITLE: A-SERIES GLIDING
PATIO DOOR WITH
STORMWATCH PROTECTION
(HVHZ)/(IMPACT)
VERTICAL SECTIONS

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REMARKS	BY	DATE
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DP TABLES UPDATE	MS	12/18/23

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FL #:
FL14429

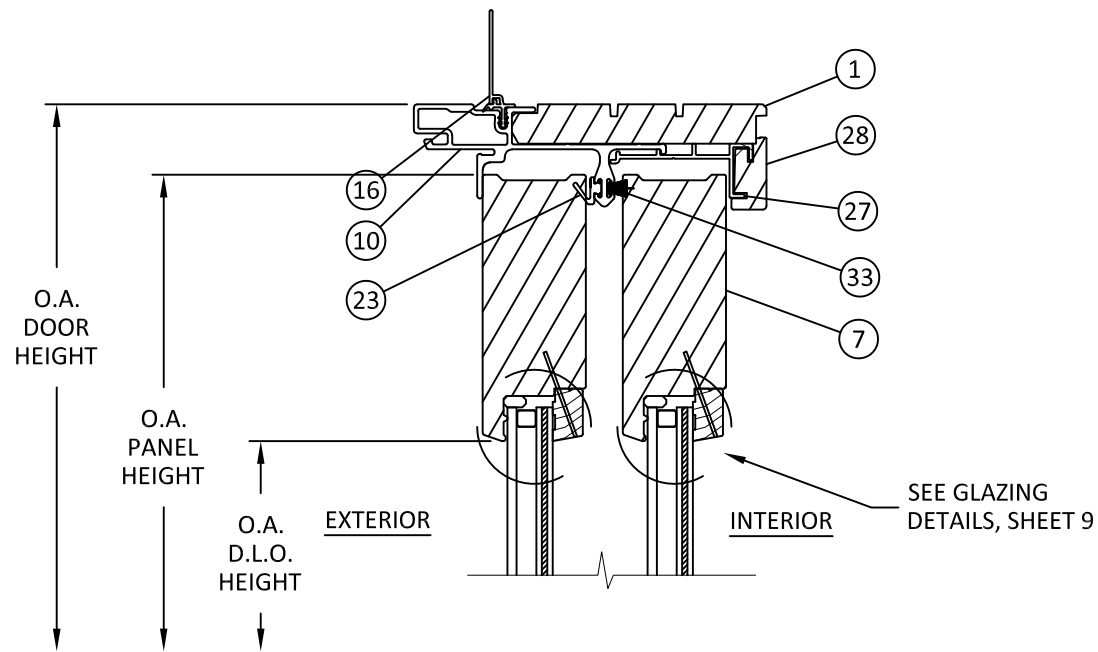
DATE: **08.09.17**

DWG. BY: **HR** CHK. BY: **HFN**

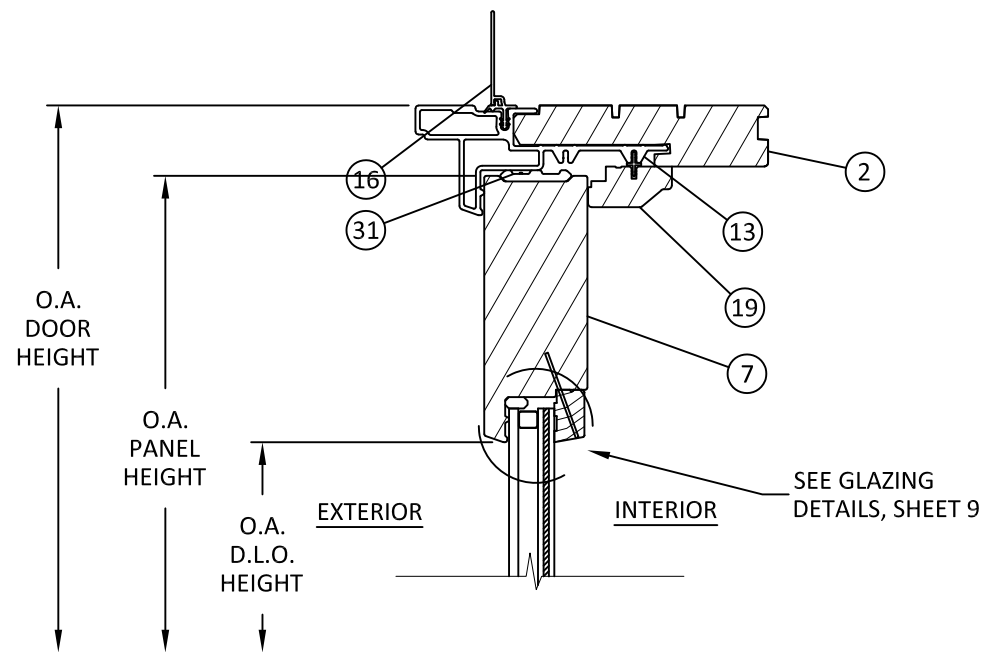
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DWG. #: **AWD118**

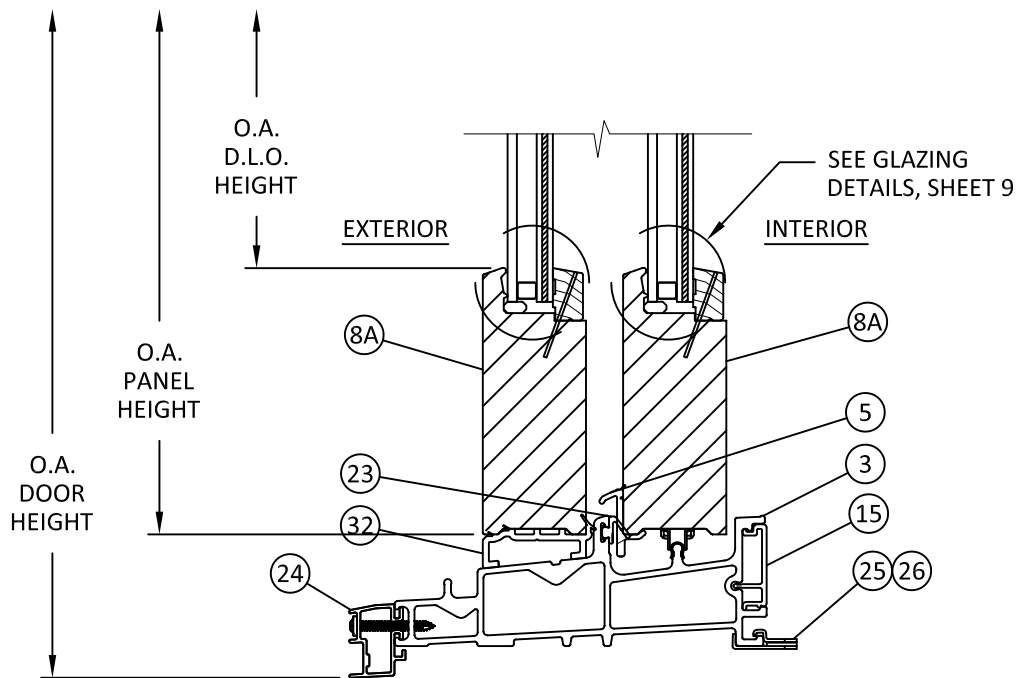
SHEET:
10



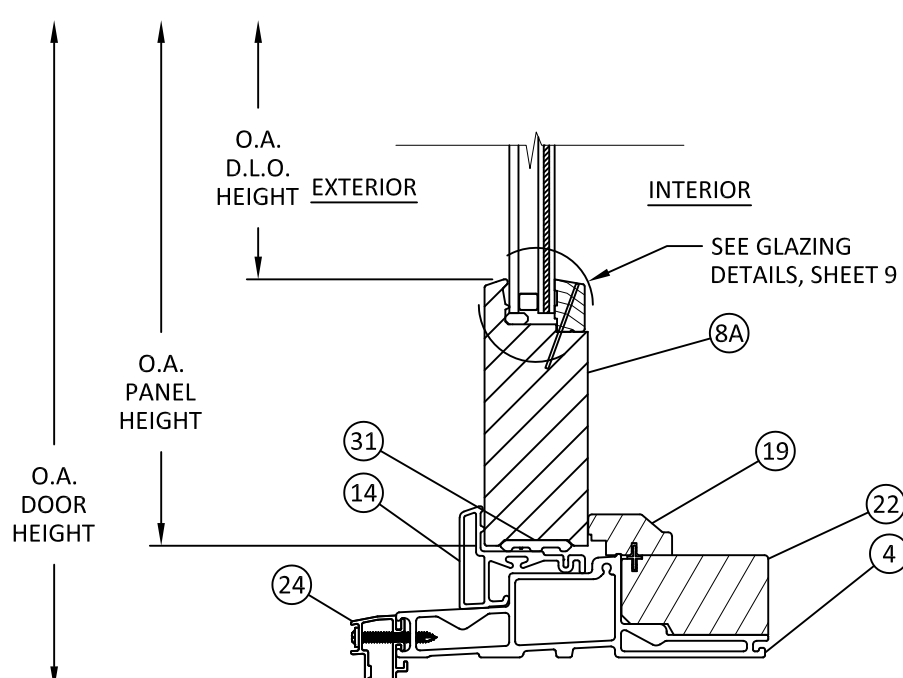
E
11 VERTICAL SECTION
CONTEMPORARY - HEAD



G
11 VERTICAL SECTION
CONTEMPORARY - FIXED HEAD



F
11 VERTICAL SECTION
CONTEMPORARY - SILL



H
11 VERTICAL SECTION
CONTEMPORARY - FIXED SILL



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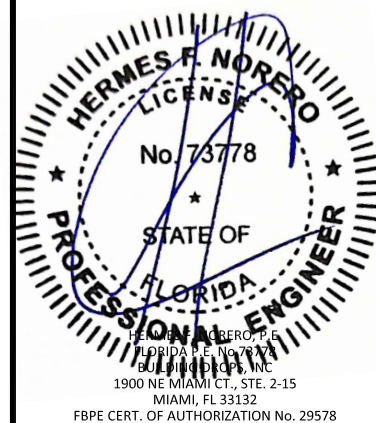
TITLE: A-SERIES GLIDING
PATIO DOOR WITH
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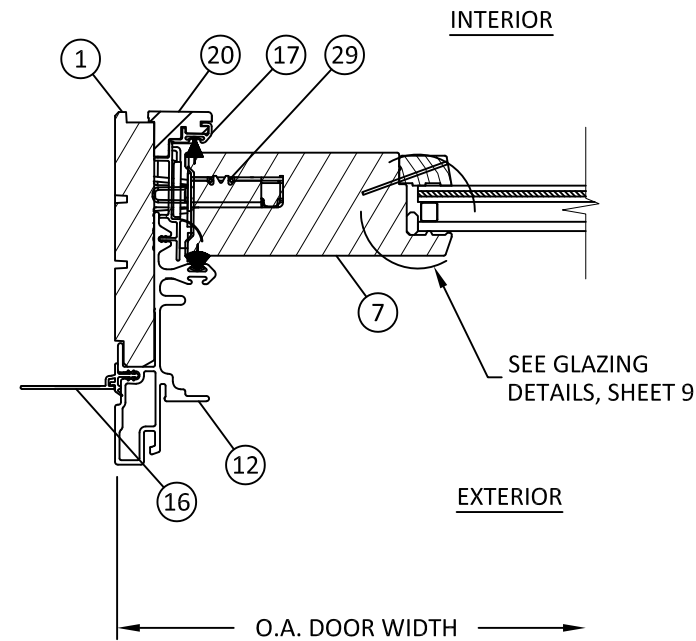
REMARKS	BY	DATE
7TH FBC CODE CHANGE	SR	3.18.20
CONTEMPORARY UPD.	SH	2.6.23
DP TABLES UPDATE	MS	12/18/23

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WITH THIS DOCUMENT

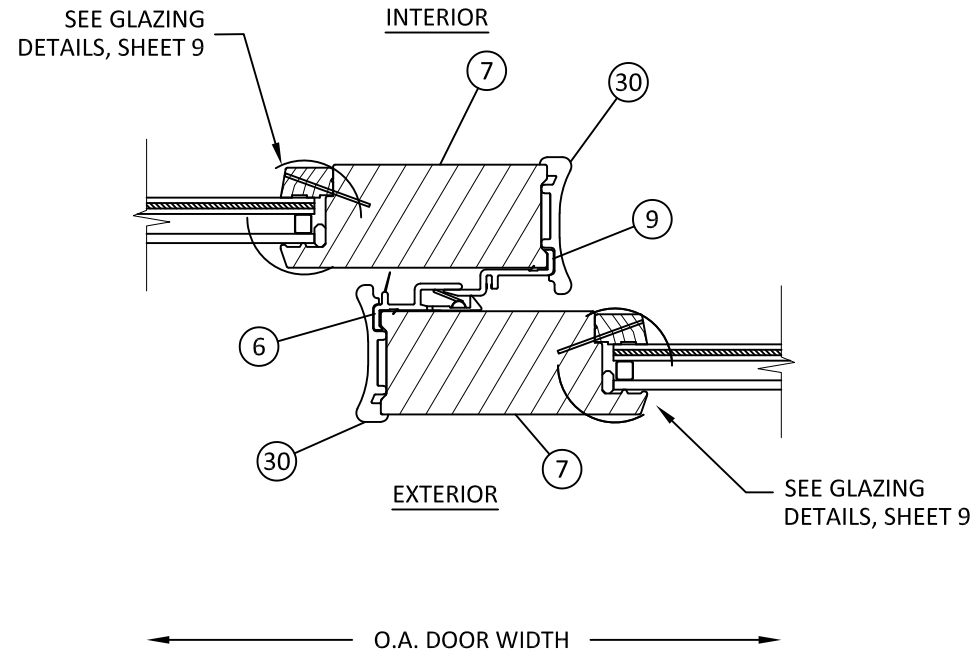


FL #:	FL14429
DATE:	08.09.17
DWG. BY:	HR
CHK. BY:	HFN
SCALE:	NTS
DWG. #:	AWD118

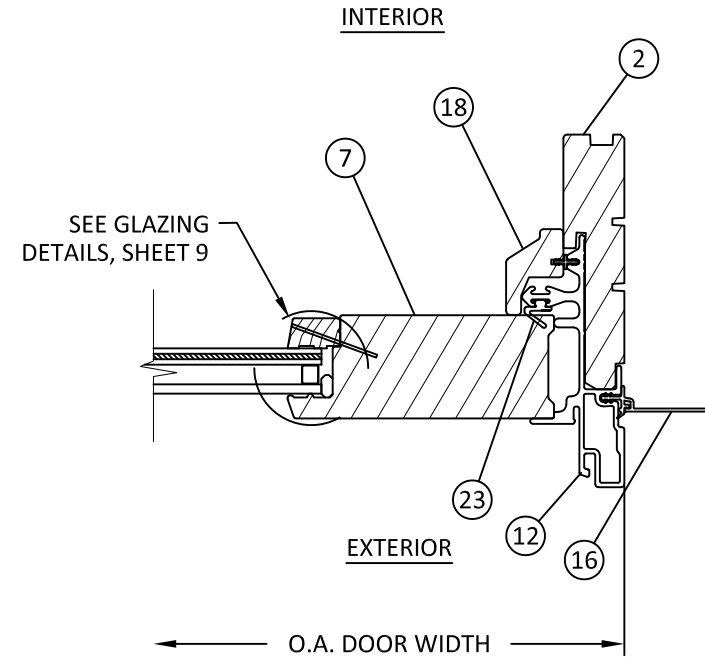
SHEET:
11
OF 15



I
12 **HORIZONTAL SECTION**
JAMB

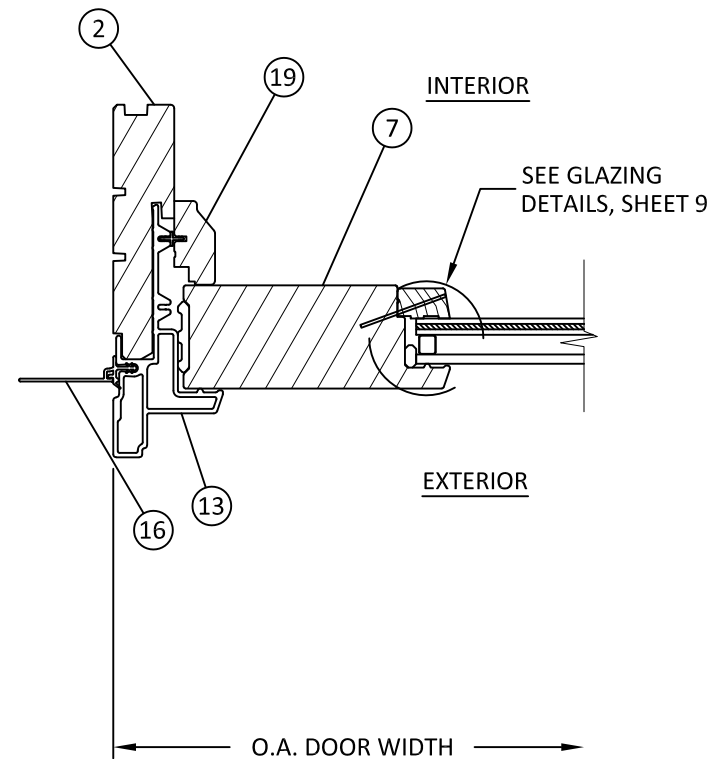


J
12 **HORIZONTAL SECTION**
PANEL INTERLOCK - FOR UNITS 8' TALL AND SHORTER

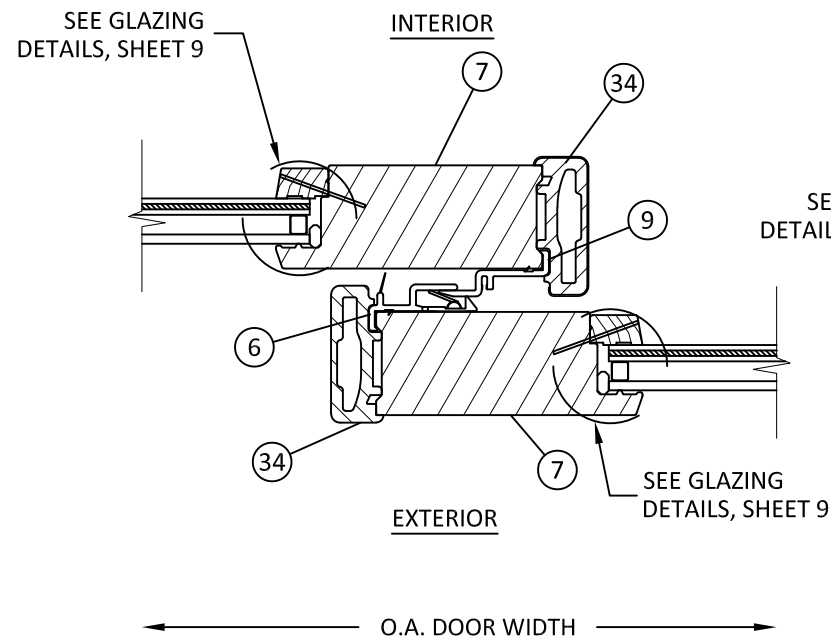


K
12 **HORIZONTAL SECTION**
JAMB

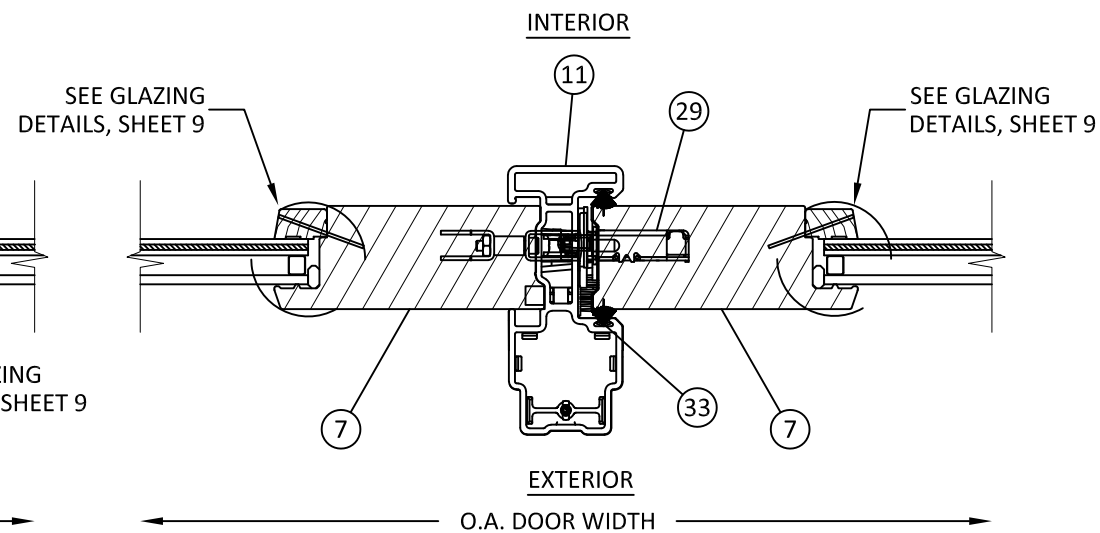
NOTE: DETAILS SHOWN ARE
TYPICAL OF TRADITIONAL
AND CONTEMPORARY DOORS



L
12 **HORIZONTAL SECTION**
FIXED JAMB



M
12 **HORIZONTAL SECTION**
PANEL INTERLOCK - UNITS TALLER THAN 8'



N
12 **HORIZONTAL SECTION**
BUTT STILE



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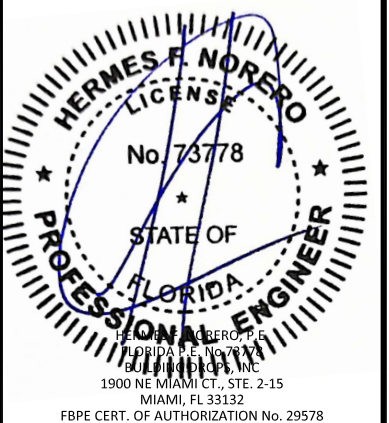
TITLE: A-SERIES GLIDING
PATIO DOOR WITH
STORMWATCH PROTECTION
(HVHZ)/(IMPACT)
HORIZONTAL SECTIONS

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



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7TH FBC CODE CHANGE	SR	3.18.20
CONTEMPORARY UPD.	SH	2.6.23
DP TABLES UPDATE	MS	12/18/23

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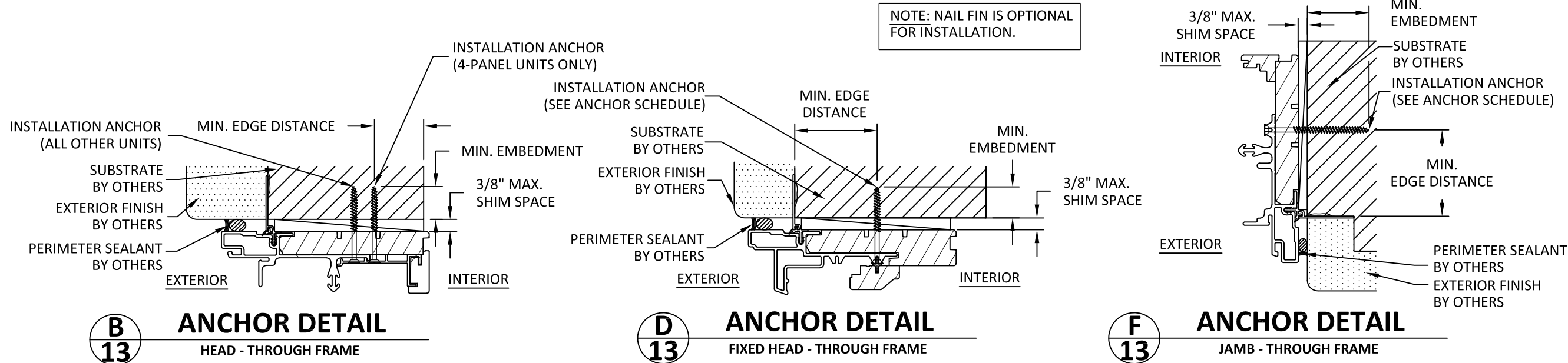
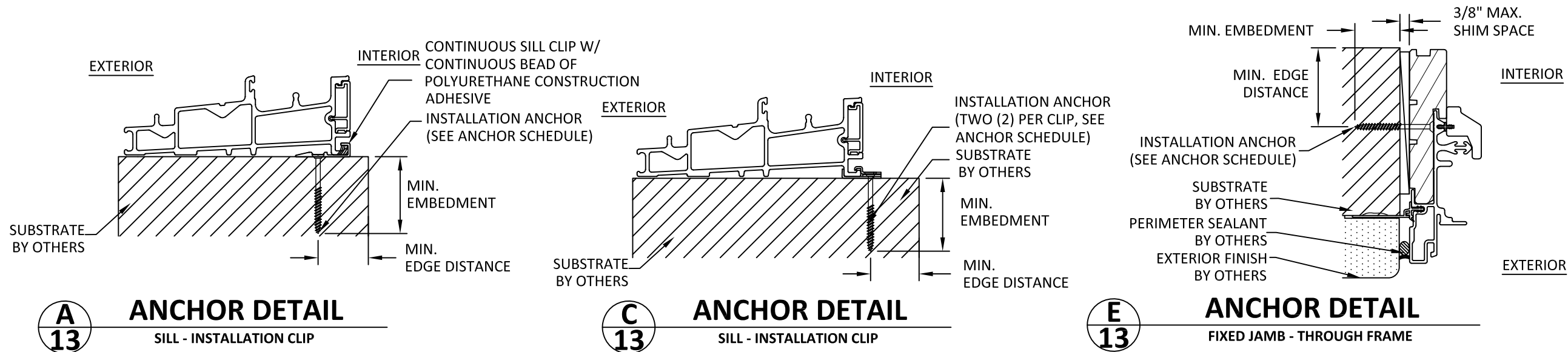


FL #:	FL14429
DATE:	08.09.17
DWG. BY:	HR
CHK. BY:	HFN
SCALE:	NTS
DWG. #:	AWD118
SHEET:	

12

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NOTE: NAIL FIN IS OPTIONAL FOR INSTALLATION.

ANCHOR SCHEDULE				
INSTALLATION TYPE	SUBSTRATE	ANCHOR TYPE	EMBEDMENT (IN.)	EDGE DISTANCE (IN.)
THROUGH FRAME	WOOD - 2X WOOD BUCK (MIN. S.G. = 0.55)	#10 WOOD SCREW	1.500	0.750
	METAL STUD (STEEL MIN. 18GA, Fy = 36 ksi, OR ALUMINUM MIN 1/8", 6063-T5)	#10 SMS OR SELF DRILLING SCREW	3 THREADS PENETRATION BEYOND METAL WALL	0.500
	*CONCRETE (MIN. F'C = 3000 psi) OR CMU (PER ASTM C90)	3/16" ITW TAPCON	1.250	2.125
INSTALLATION CLIP	CONCRETE (MIN. F'C = 3000 psi) OR CMU (PER ASTM C90)	3/16" ITW TAPCON	1.250	2.125

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LICENSE
No. 73778
STATE OF FLORIDA
PROFESSIONAL ENGINEER
HERMES F. NORERO, P.E.
FLORIDA P.E. No. 73778
BUILDING DROPS, INC.
1900 NE MIAMI CT., STE. 2-15
MIAMI, FL 33132
FBPE CERT. OF AUTHORIZATION No. 29578

FL #: **FL14429**

DATE: **08.09.17**

DWG. BY: HR	CHK. BY: HFN
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SCALE: **NTS**

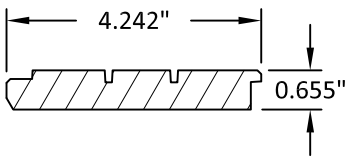
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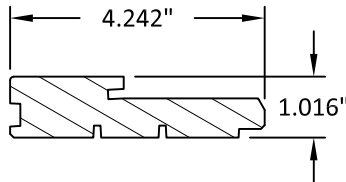
OF 15

BILL OF MATERIALS			
NO.	DESCRIPTION	MATERIAL	MANUFACTURER
1	FRAME HEAD/OPERATING JAMB	WOOD	ANDERSEN
2	FIXED FRAME HEAD/STAT. JAMB	WOOD	ANDERSEN
3	FRAME SILL	FIBERGLASS	ANDERSEN
4	FIXED FRAME SILL	FIBERGLASS	ANDERSEN
5	WATERSHED	PVC	ANDERSEN
6	OPERATING PANEL INTERLOCK	PVC	ANDERSEN
7	TOP RAIL & STILE	WOOD	ANDERSEN
8	TRADITIONAL BOTTOM RAIL	WOOD	ANDERSEN
8A	CONTEMPORARY BOTTOM RAIL	WOOD	ANDERSEN
9	STAT. PANEL INTERLOCK	PVC	ANDERSEN
10	HEAD CLADDING	FIBERGLASS	ANDERSEN
11	ASTRAGAL	FIBERGLASS	ANDERSEN
12	JAMB CLADDING	FIBERGLASS	ANDERSEN
13	FIXED HEAD & JAMB CLADDING	FIBERGLASS	ANDERSEN
14	FIXED SILL CLADDING	FIBERGLASS	ANDERSEN
15	SILL COVER	PVC	ANDERSEN
16	FLANGE	PVC	ANDERSEN
17	JAMB CLADDING INSERT	PVC	ANDERSEN
18	PANEL STOP	WOOD	ANDERSEN
19	FIXED PANEL STOP	WOOD	ANDERSEN
20	JAMB STOP	WOOD	ANDERSEN
21	GLASS STOP	WOOD	ANDERSEN
22	FIXED SILL	WOOD	ANDERSEN
23	WEATHERSTRIPPING	POLYPROPYLENE	ANDERSEN
24	DROP CHANNEL	ALUMINUM 6063-T5	ANDERSEN
25	SILL BRACKET	STAINLESS STEEL	ANDERSEN
26	REPLACEMENT SILL BRACKET	ALUMINUM 6063-T5	ANDERSEN
27	HEAD STOP CARRIER	ALUMINUM 6063-T5	ANDERSEN
28	HEAD STOP	WOOD	ANDERSEN
29	TWO POINT LOCK	STEEL	ANDERSEN
30	STILE STIFFENER	ALUMINUM 6063-T5	ANDERSEN
31	FIXED PANEL SPACER	PVC	ANDERSEN
32	STAT. PANEL FILLER	PVC	ANDERSEN
33	WEATHERSTRIPPING	POLYPROPYLENE	ANDERSEN
34	MONUMENTAL STILE STIFFENER	ALUMINUM 6063-T5	ANDERSEN

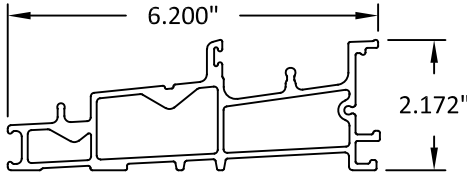
1 FRAME HEAD/OPERATING JAMB
WOOD



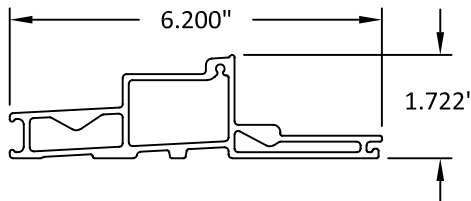
2 FIXED FRAME HEAD/ STATIONARY JAMB
WOOD



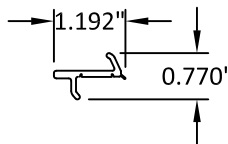
3 FRAME SILL
FIBERGLASS
TYP. WALL THICKNESS 0.082"



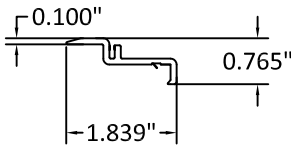
4 FIXED FRAME SILL
FIBERGLASS
TYP. WALL THICKNESS 0.082"



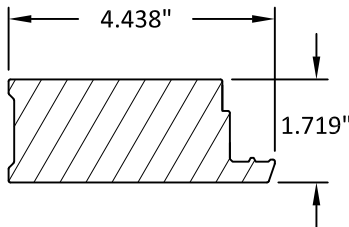
5 WATERSHED
PVC



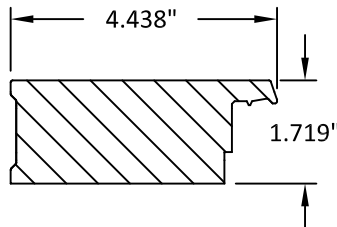
6 OPERATING PANEL INTERLOCK
PVC



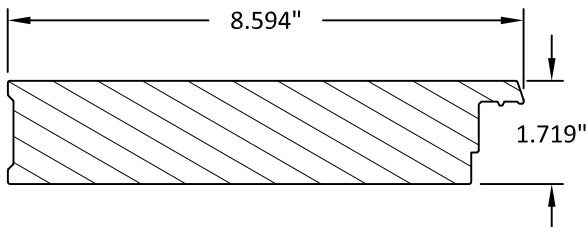
7 TOP RAIL & STILE
WOOD



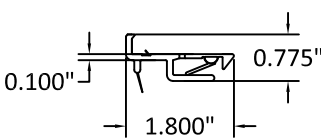
8A CONTEMPORARY BOTTOM RAIL
WOOD



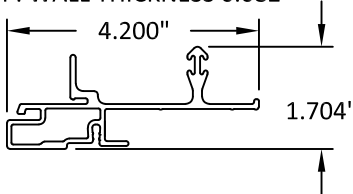
8 TRADITIONAL BOTTOM RAIL
WOOD



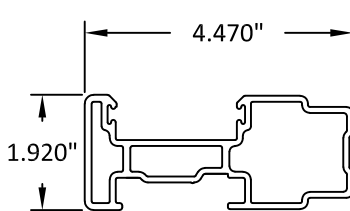
9 STATIONARY PANEL INTERLOCK
PVC



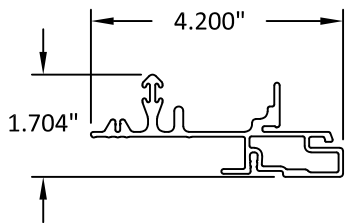
10 HEAD CLADDING
FIBERGLASS
TYP. WALL THICKNESS 0.082"



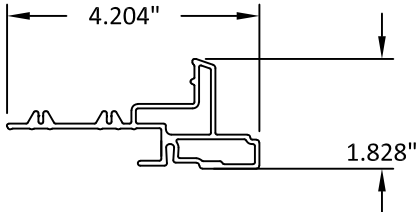
11 ASTRAGAL
FIBERGLASS
TYP. WALL THICKNESS 0.090"



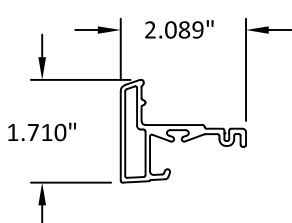
12 JAMB CLADDING
FIBERGLASS
TYP. WALL THICKNESS 0.082"



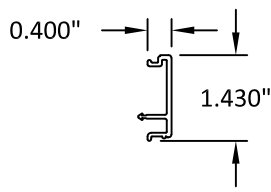
13 FIXED HEAD & JAMB CLADDING
FIBERGLASS
TYP. WALL THICKNESS 0.082"



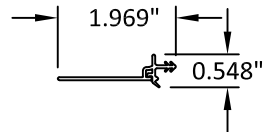
14 FIXED SILL CLADDING
FIBERGLASS
TYP. WALL THICKNESS 0.082"



15 SILL COVER
PVC
TYP. WALL THICKNESS 0.082"



16 FLANGE
PVC
TYP. WALL THICKNESS 0.050"



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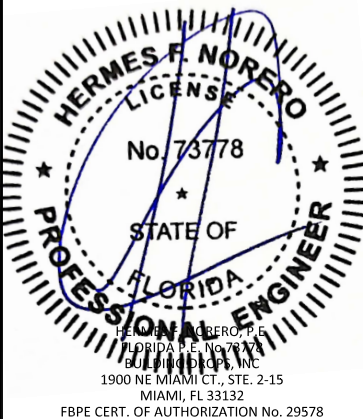
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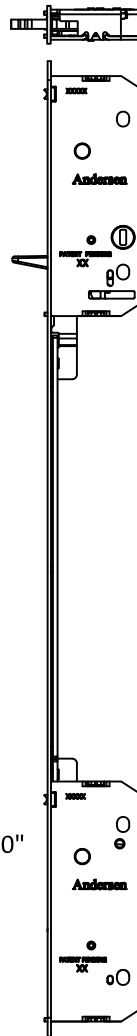
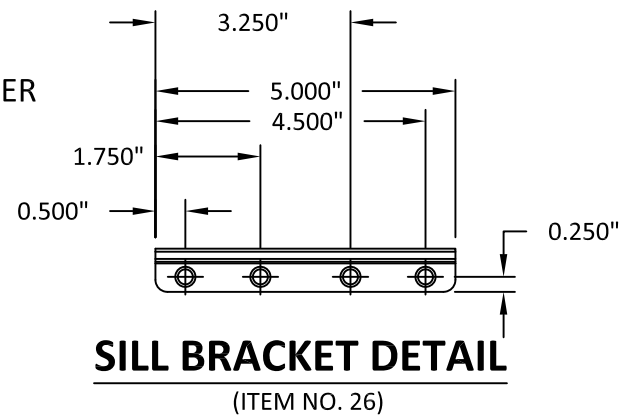
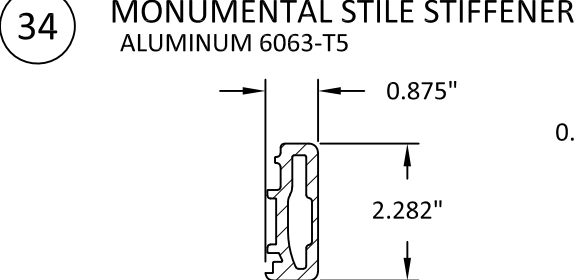
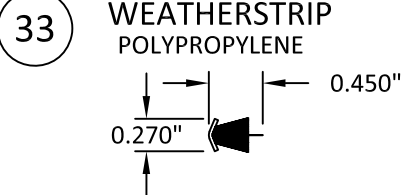
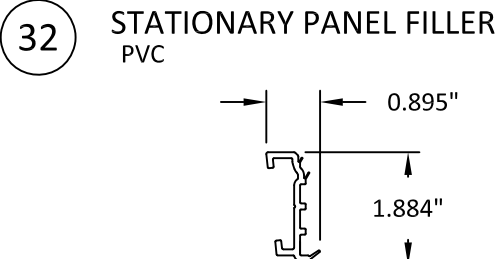
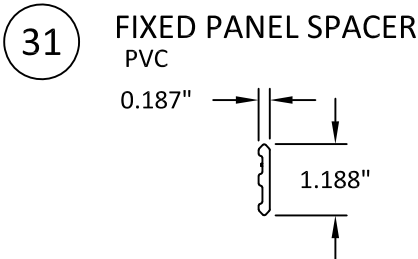
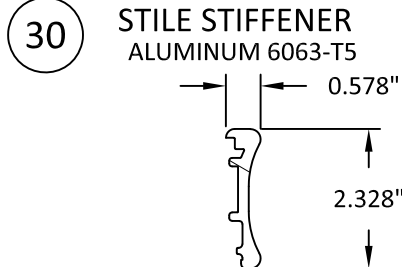
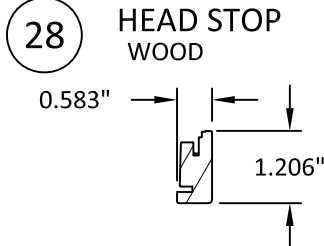
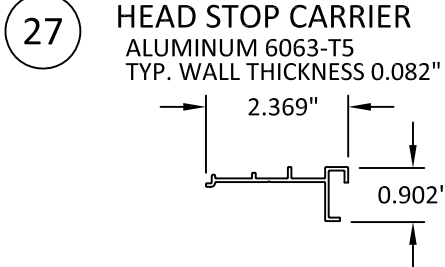
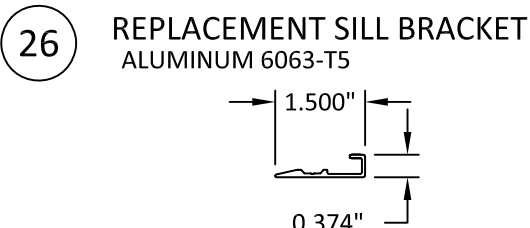
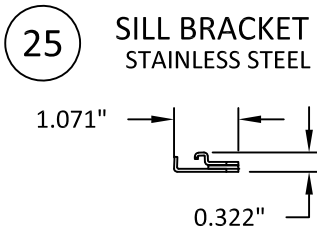
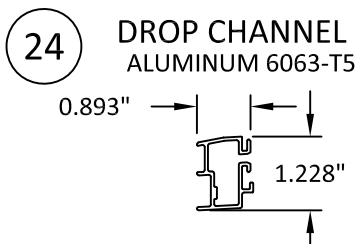
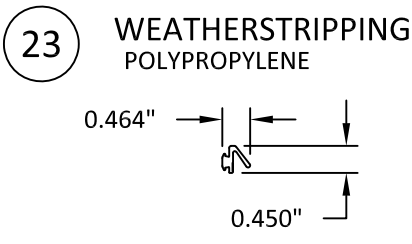
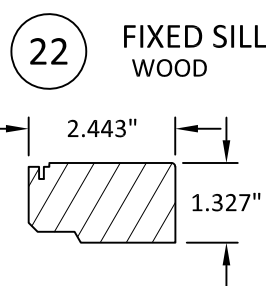
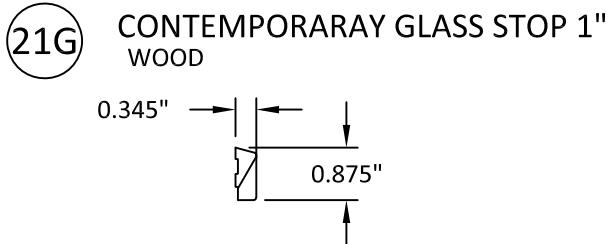
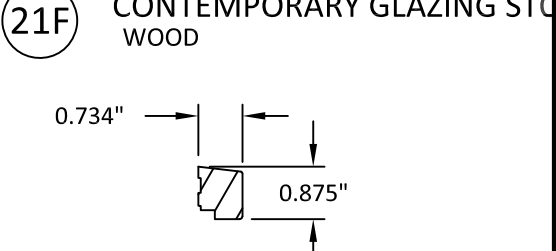
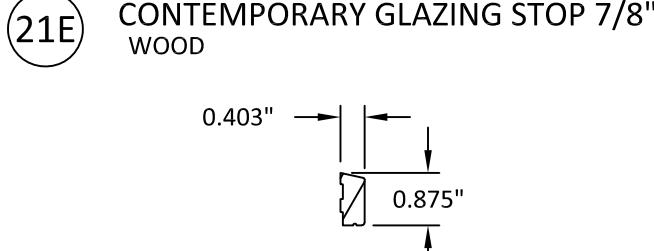
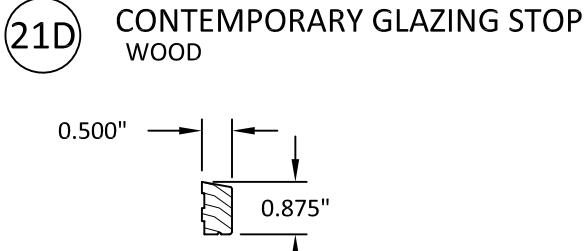
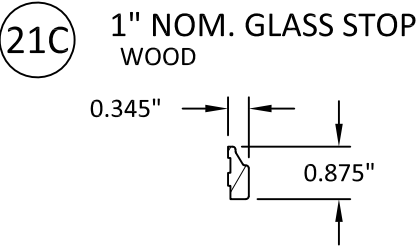
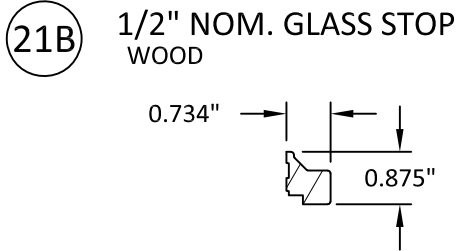
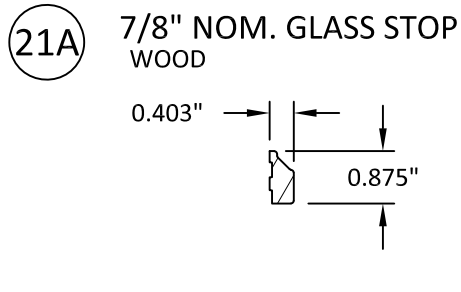
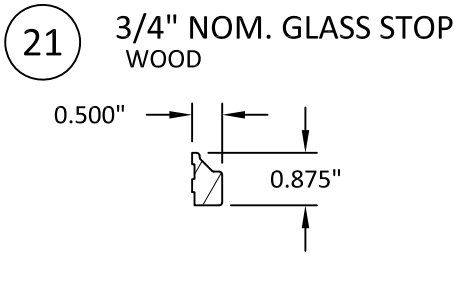
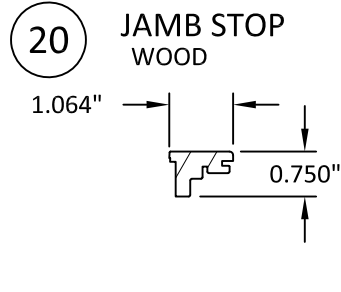
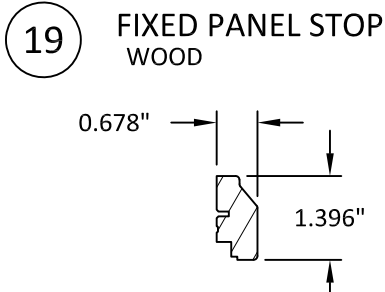
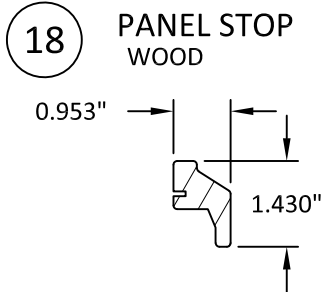
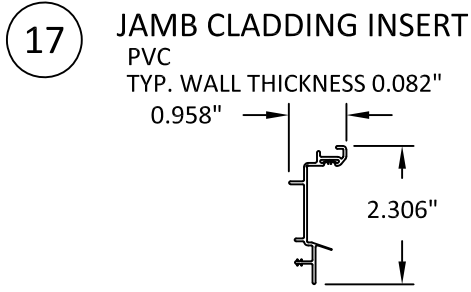
DATE: **08.09.17**

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SCALE: **NTS**

DWG. #: **AWD118**

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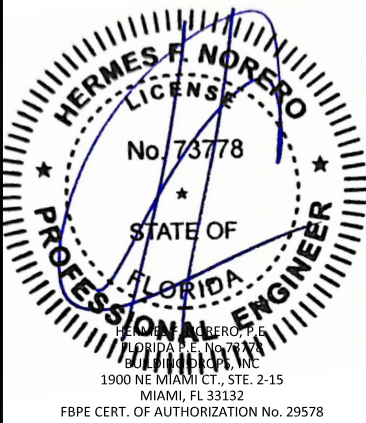
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