

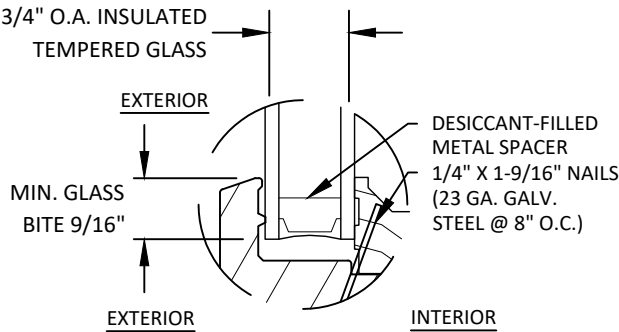
ANDERSEN CORPORATION

A-SERIES GLIDING PATIO DOOR

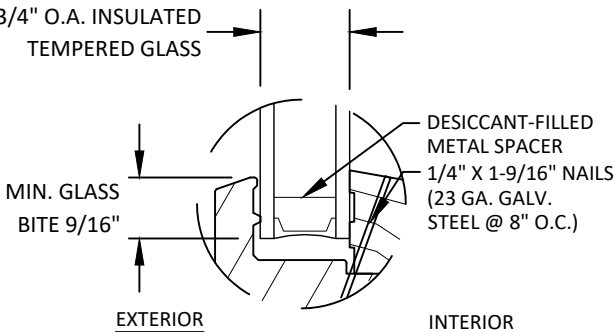
(NON-HVHZ)(NON-IMPACT)

GENERAL NOTES:

- 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/A440-17
- 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.
- 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.
- APPROVED IMPACT PROTECTIVE SYSTEM **IS REQUIRED** TO PROTECT THIS PRODUCT IN AREAS REQUIRING IMPACT RESISTANCE.
- DOOR FRAME MATERIAL: PONDEROSA PINE OR EQUIVALENT (MIN. S.G.=0.40).
- GLASS SHALL COMPLY WITH THE REQUIREMENTS OF ASTM E1300. SEE GLAZING DETAILS ON SHEET 1.
- DESIGNATIONS "X" AND "O" STAND FOR THE FOLLOWING:
X: OPERABLE PANEL
O: FIXED PANEL
- CUSTOM SIZES AVAILABLE UPON REQUEST. CUSTOM DESIGN PRESSURE WILL BE ASSIGNED EQUAL TO NEXT LARGER STANDARD SIZE.
- IN ACCORDANCE WITH THE FBC, WOOD COMPONENTS SHALL HAVE BEEN PRESERVATIVE TREATED OR SHALL BE OF A DURABLE SPECIES AS SPECIFIED IN CHAPTER 23.
- IN ACCORDANCE WITH THE FBC, DISSIMILAR METALS INCLUDING FASTENERS THAT MAY COME INTO CONTACT WITH ALUMINUM UNIT FRAMING SHALL BE PROTECTED AS PER CHAPTER 20.



GLAZING DETAIL 1
TRADITIONAL



GLAZING DETAIL 2
CONTEMPORARY

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

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SHEET	SHEET DESCRIPTION
1	GENERAL NOTES AND GLAZING DETAILS
2	TRADITIONAL ELEVATIONS
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7	ANCHOR LAYOUTS
8	TRADITIONAL VERTICAL SECTIONS
9	CONTEMPORARY VERTICAL SECTIONS
10	HORIZONTAL SECTIONS
11	ANCHOR DETAILS

SIZE	CONFIGURATION	DESIGN PRESSURE (PSF)		IMPACT RATING
		POS.	NEG.	
189" X 119.5"	OXXO	40	40	NON-IMPACT
189" X 95.5"	OXXO	40	40	
189" X 82.4"	OXXO	50	50	
141" X 119.5"	XOX	40	40	
141" X 95.5"	XOX	40	40	
141" X 82.4"	XOX	50	50	
95.3" X 119.5"	XO	45	45	
95.3" X 95.5"	XO	50	50	
95.3" X 82.4"	XO	50	50	
50.4" X 119.5"	O	45	45	



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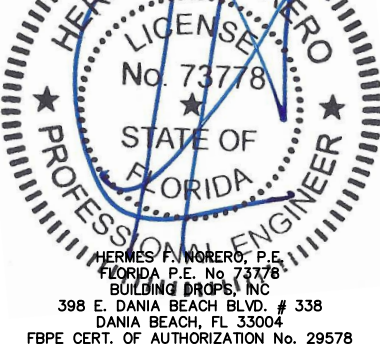
TITLE:
A-SERIES GLIDING
PATIO DOOR
(NON-HVHZ)(NON-IMPACT)
GENERAL NOTES & GLAZING DETAILS

PREPARED BY:
BUILDING DROPS, INC.
398 E. DANIA BEACH BLVD., STE. 338
DANIA BEACH, FL 33004
PH: (954) 399-8478
FAX: (954) 744-4738
WEB: www.buildingdrops.com

REMARKS	BY	DATE

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Digitally signed by Hermes F. Norero, P.E.
Reason: I am approving this document
Date: 2022.08.16 07:05:36 -0400



FL #:
FL14429

DATE:
07.22.22

DWG. BY:
SH

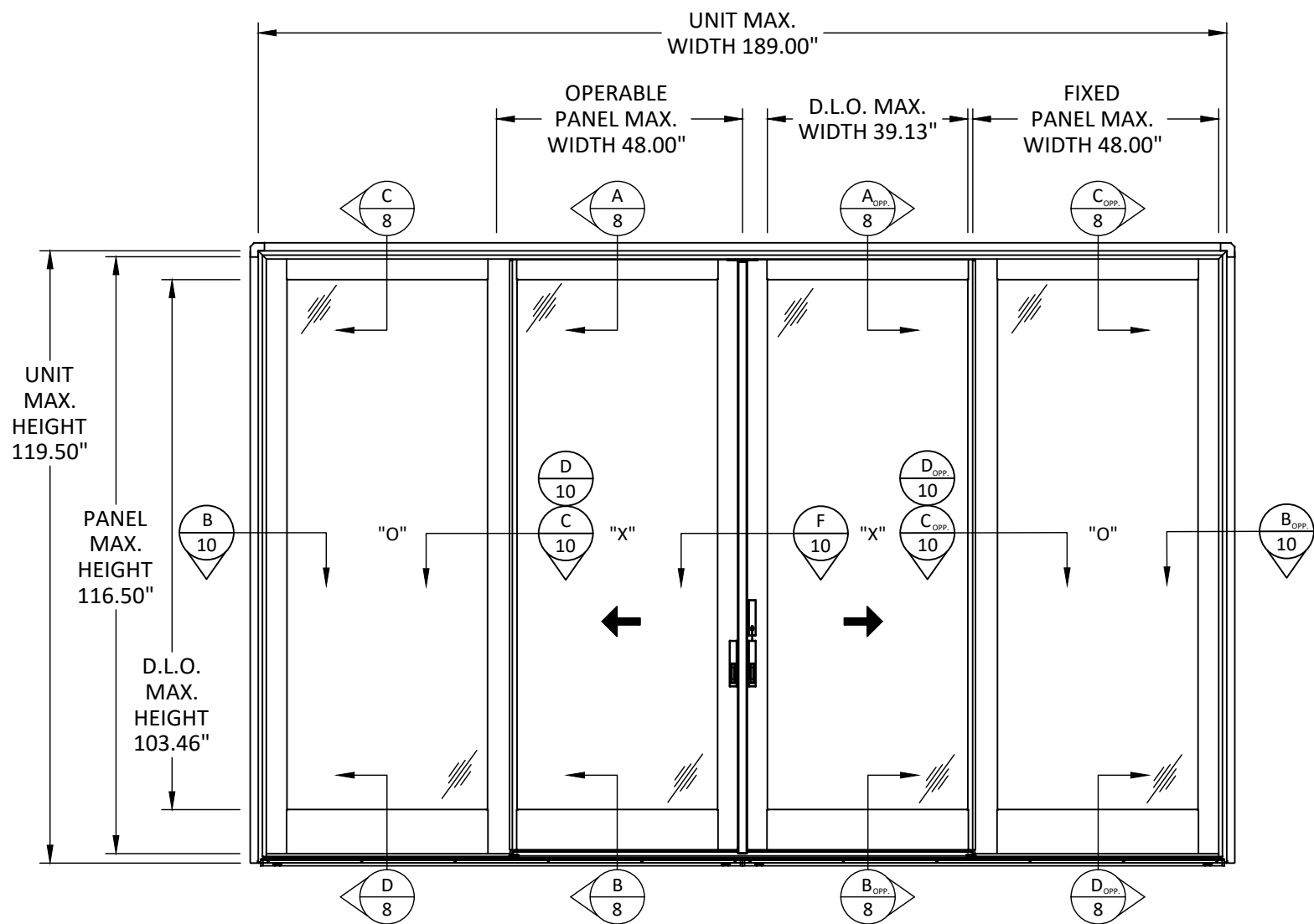
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HFN

SCALE:
NTS

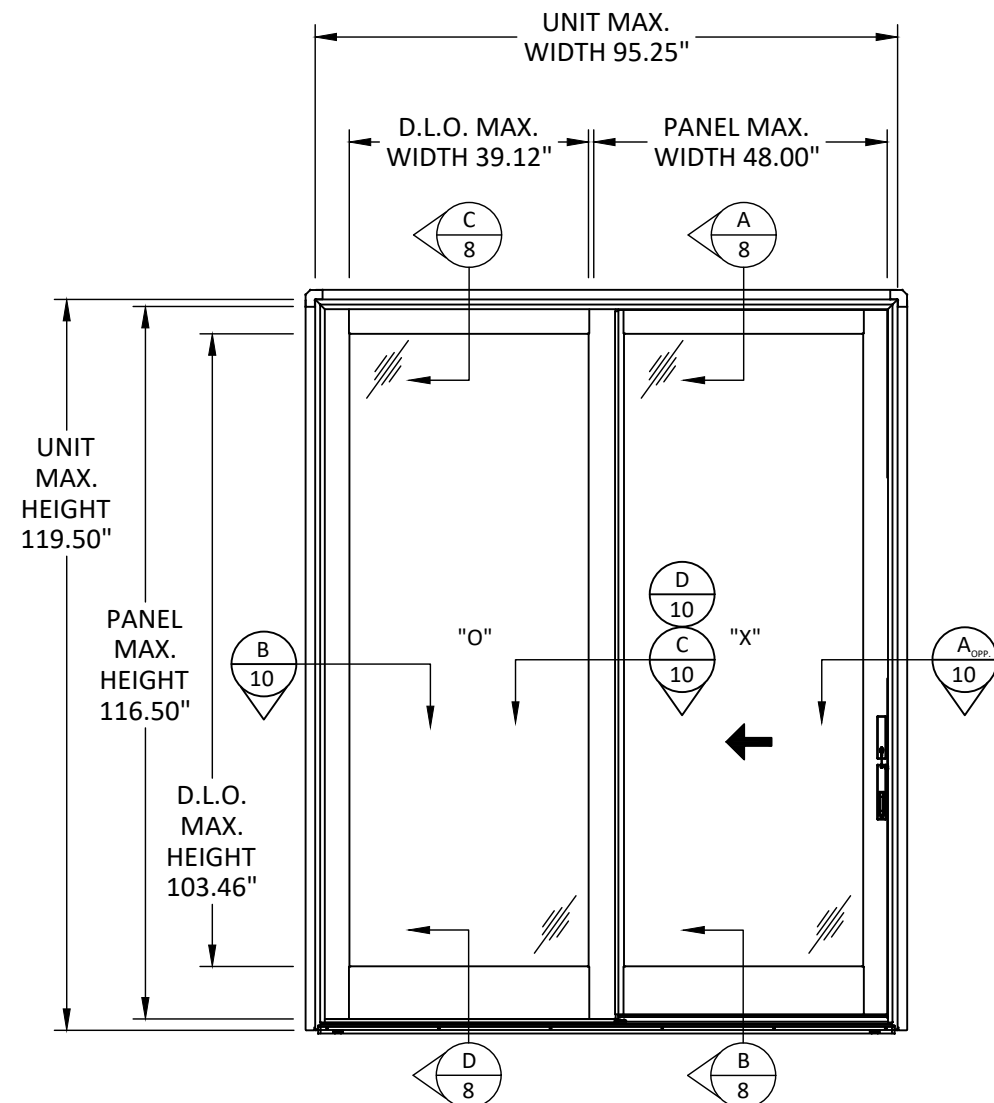
DWG. #:
AWD306

SHEET:
1
OF 11

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ELEVATION
TRADITIONAL



ELEVATION
TRADITIONAL



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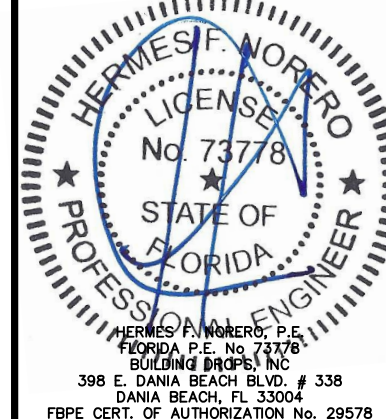
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PATIO DOOR
(NON-HVHZ)/(NON-IMPACT)
ELEVATIONS

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SCALE: **NTS**

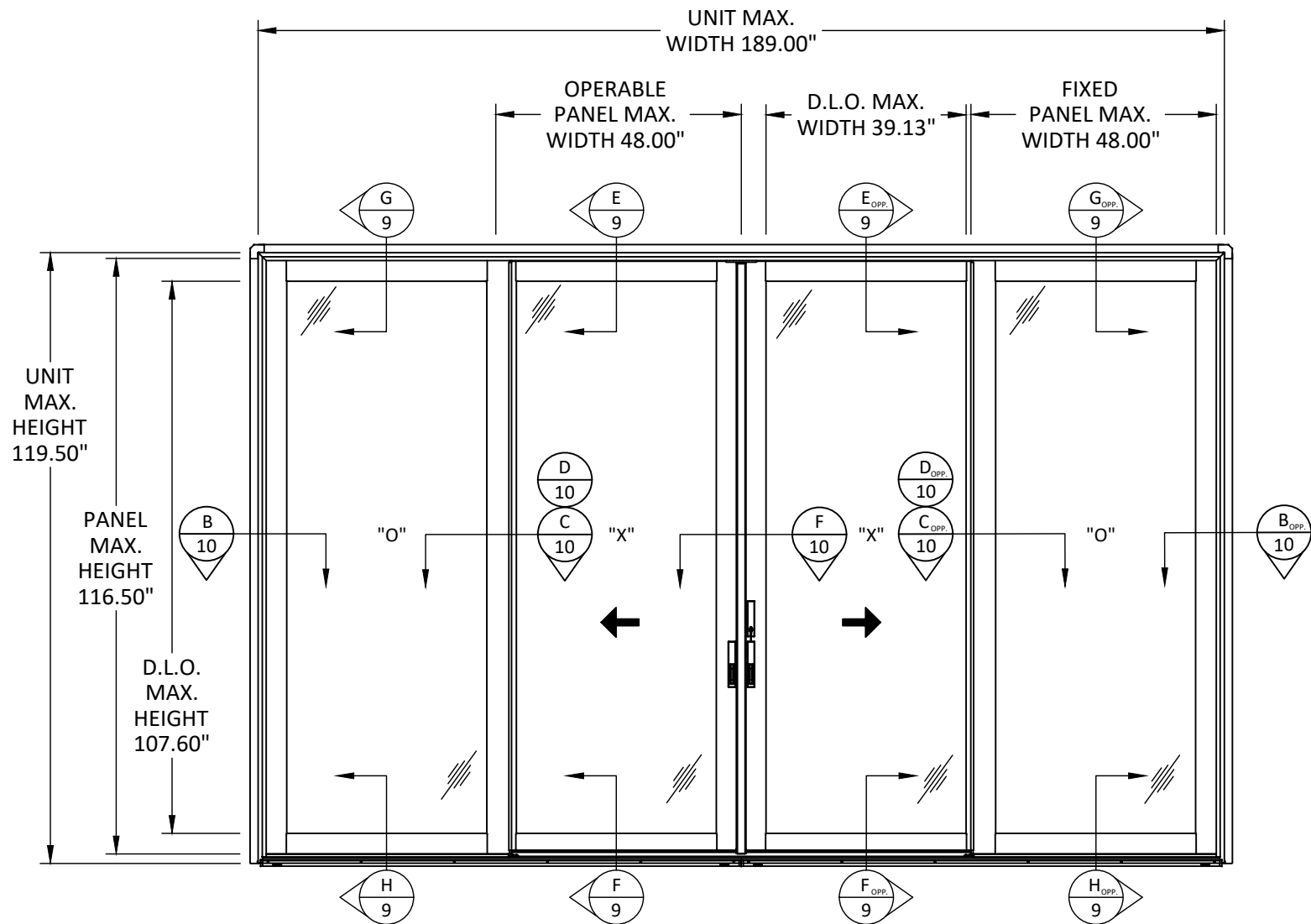
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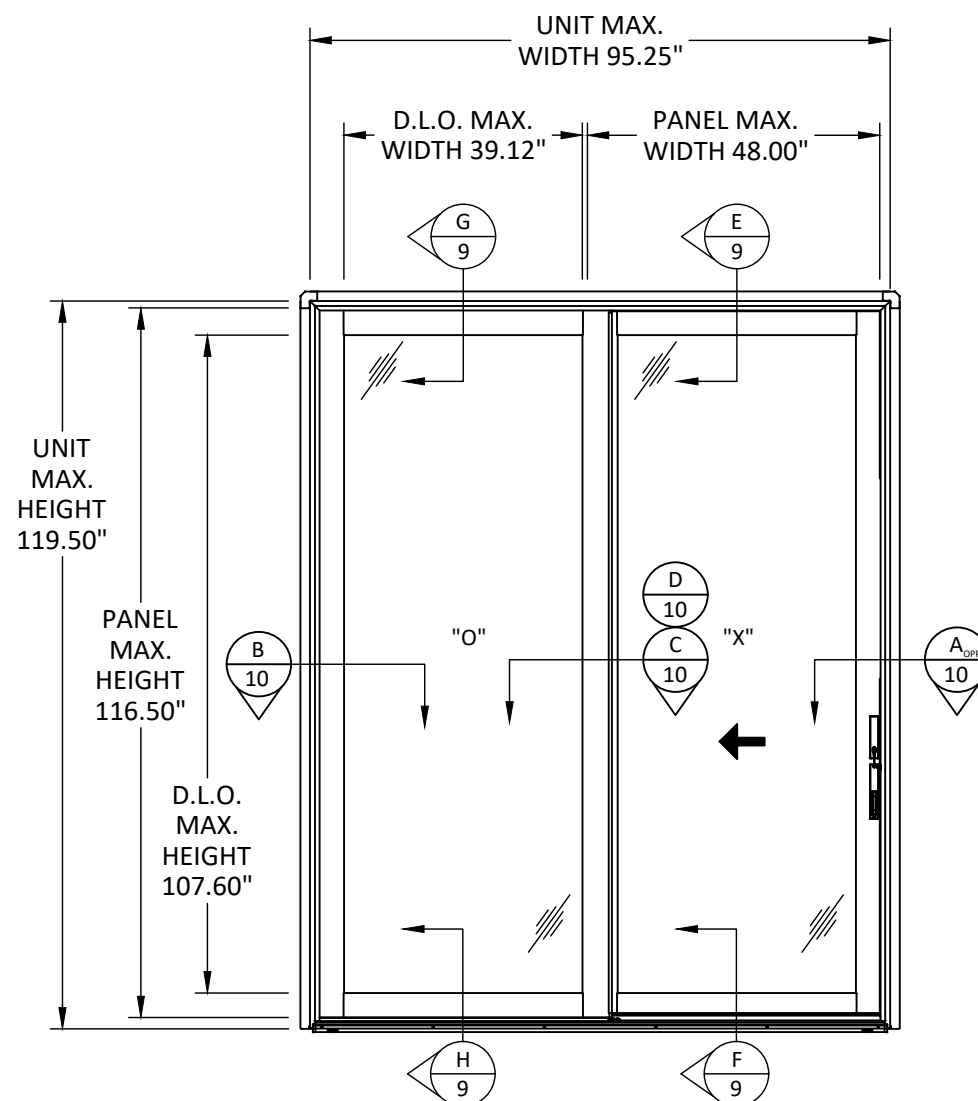
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**ELEVATION
CONTEMPORARY**



**ELEVATION
CONTEMPORARY**



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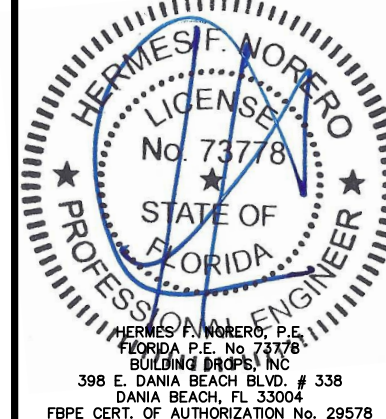
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ELEVATIONS

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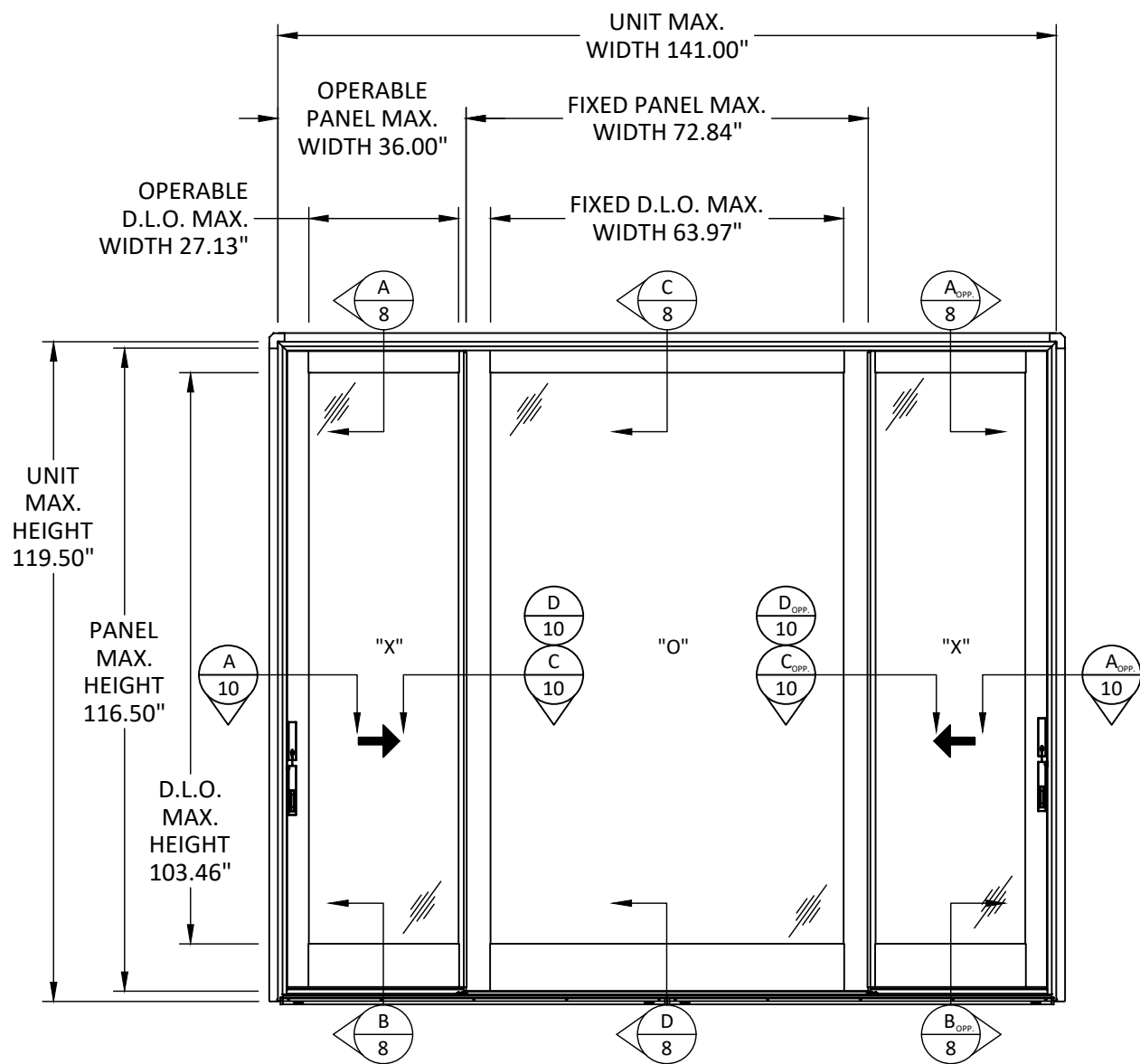
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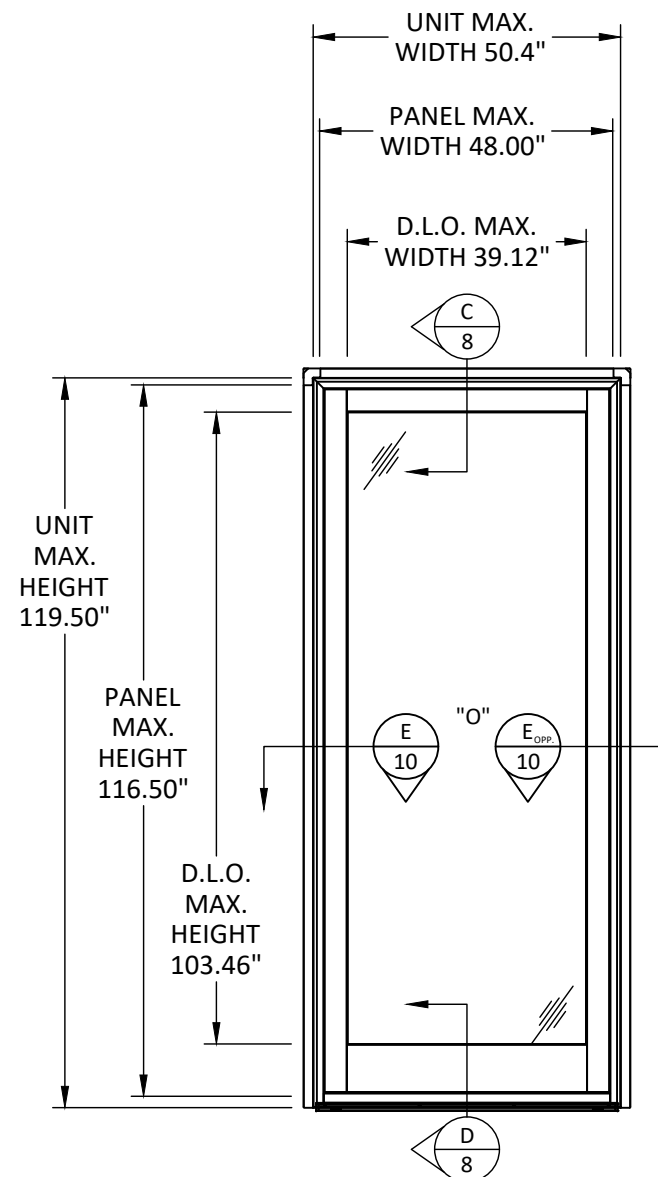
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ELEVATION
TRADITIONAL



ELEVATION
TRADITIONAL



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TITLE: A-SERIES GLIDING
PATIO DOOR
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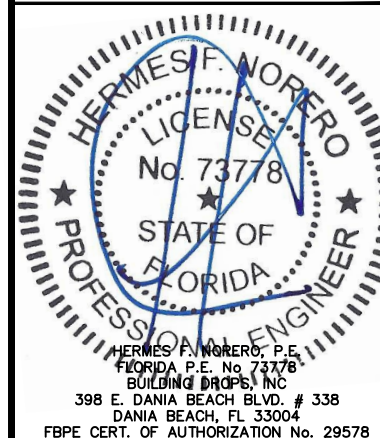
ELEVATIONS

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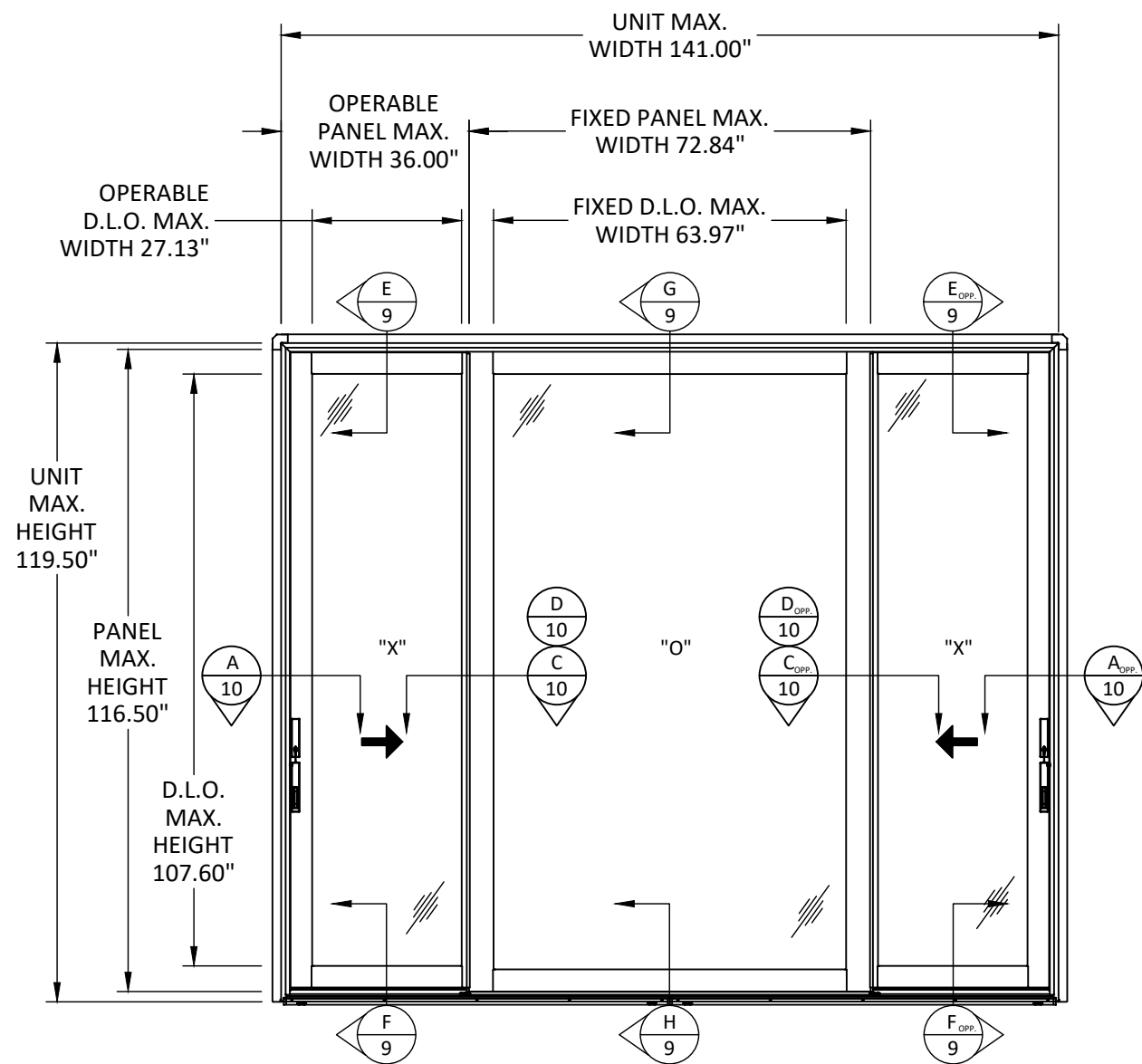
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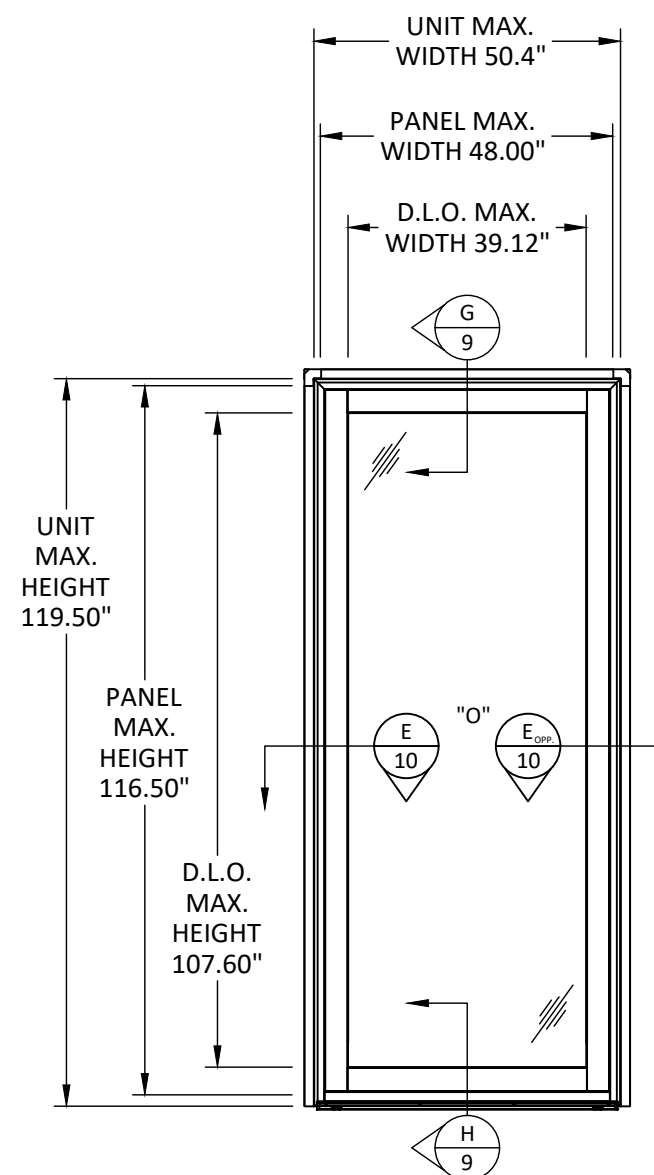
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ELEVATION
CONTEMPORARY



ELEVATION
CONTEMPORARY



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TITLE: A-SERIES GLIDING
PATIO DOOR
(NON-HVHZ)/(NON-IMPACT)

ELEVATIONS

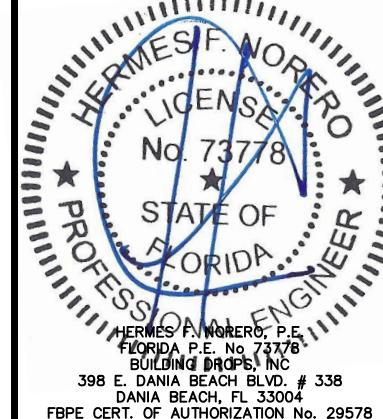
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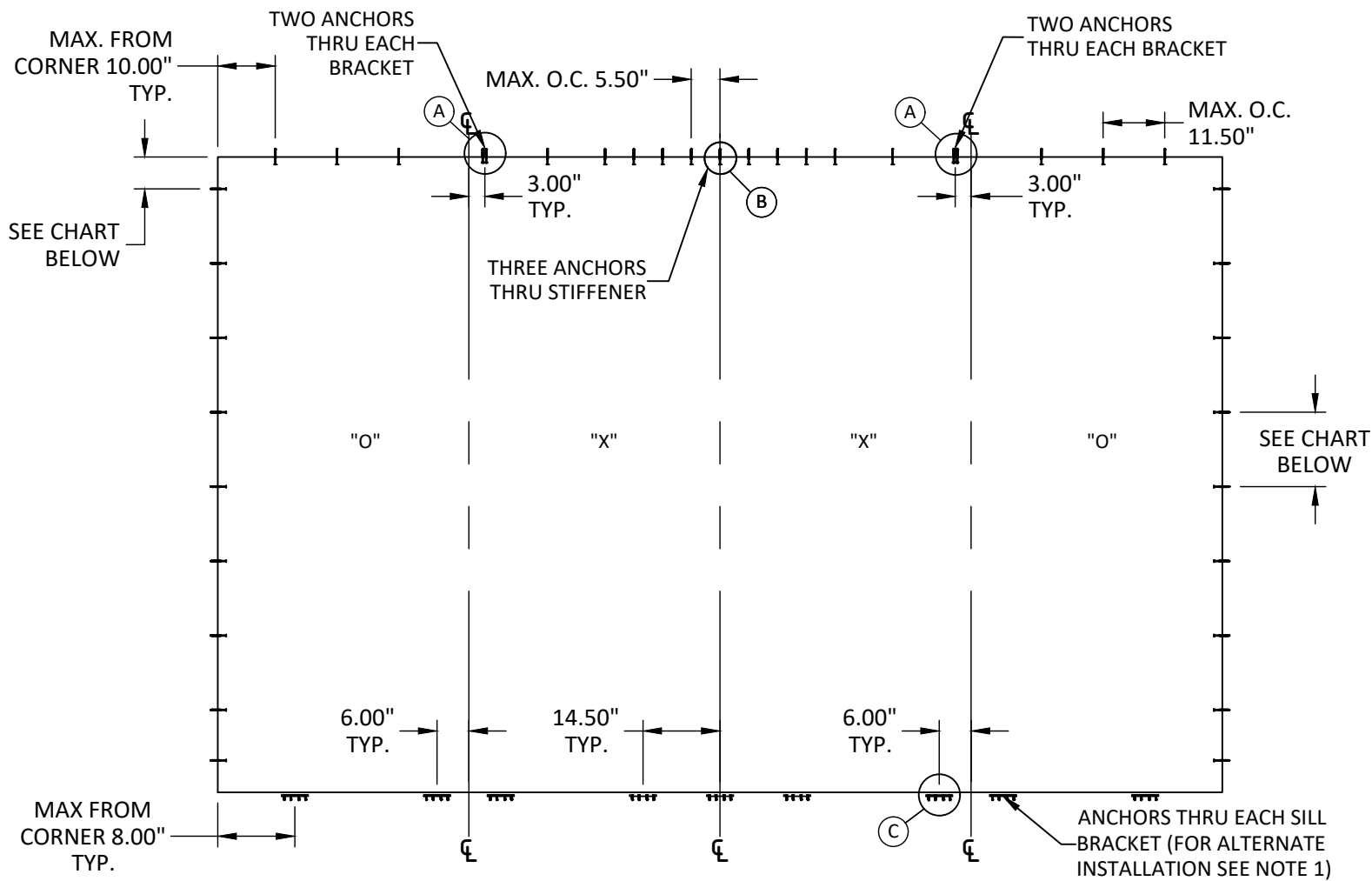
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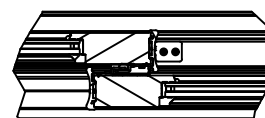
ANCHOR LAYOUT

JAMB ANCHOR SPACING (OXXO & XO)		
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"

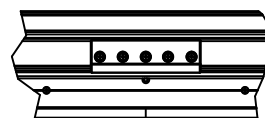
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USE OF CONTINUOUS SILL CLIP
REQUIRES A MAXIMUM O.C. SPACING OF:

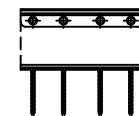
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- 35.50" O.C. @ 141" WIDTH
- 35.62" O.C. @ 95.25" WIDTH



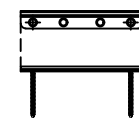
DETAIL A
HEAD JAMB BRACKET
2 ANCHORS THROUGH
BRACKET REQUIRED



DETAIL B
HEAD JAMB STIFFENER
3 ANCHORS THROUGH
STIFFENER REQUIRED

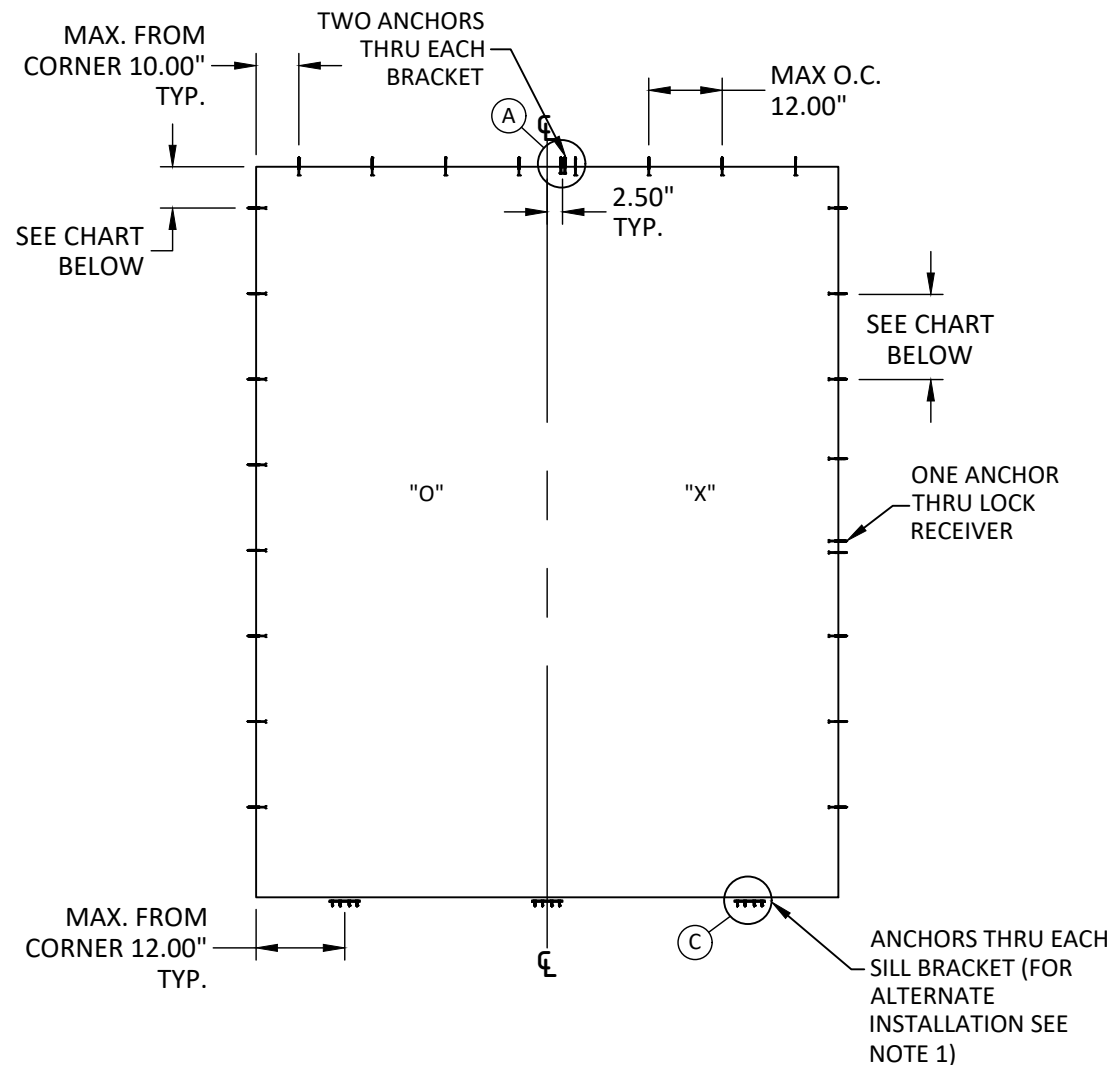


(4) ANCHORS FOR
WOOD OR METAL



(2) ANCHORS FOR
CONCRETE/MASONRY

DETAIL C
SILL BRACKET
SEE ABOVE FOR
ANCHOR QUANTITIES



ANCHOR LAYOUT



100 FOURTH AVE NORTH
BAYPORT, MN 55003-1096

PH: (651) 264-5150 FX: (651) 264-5485

TITLE: A-SERIES GLIDING
PATIO DOOR
(NON-HVHZ)/(NON-IMPACT)
ANCHOR LAYOUTS

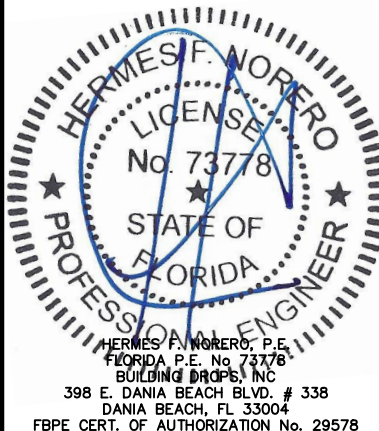
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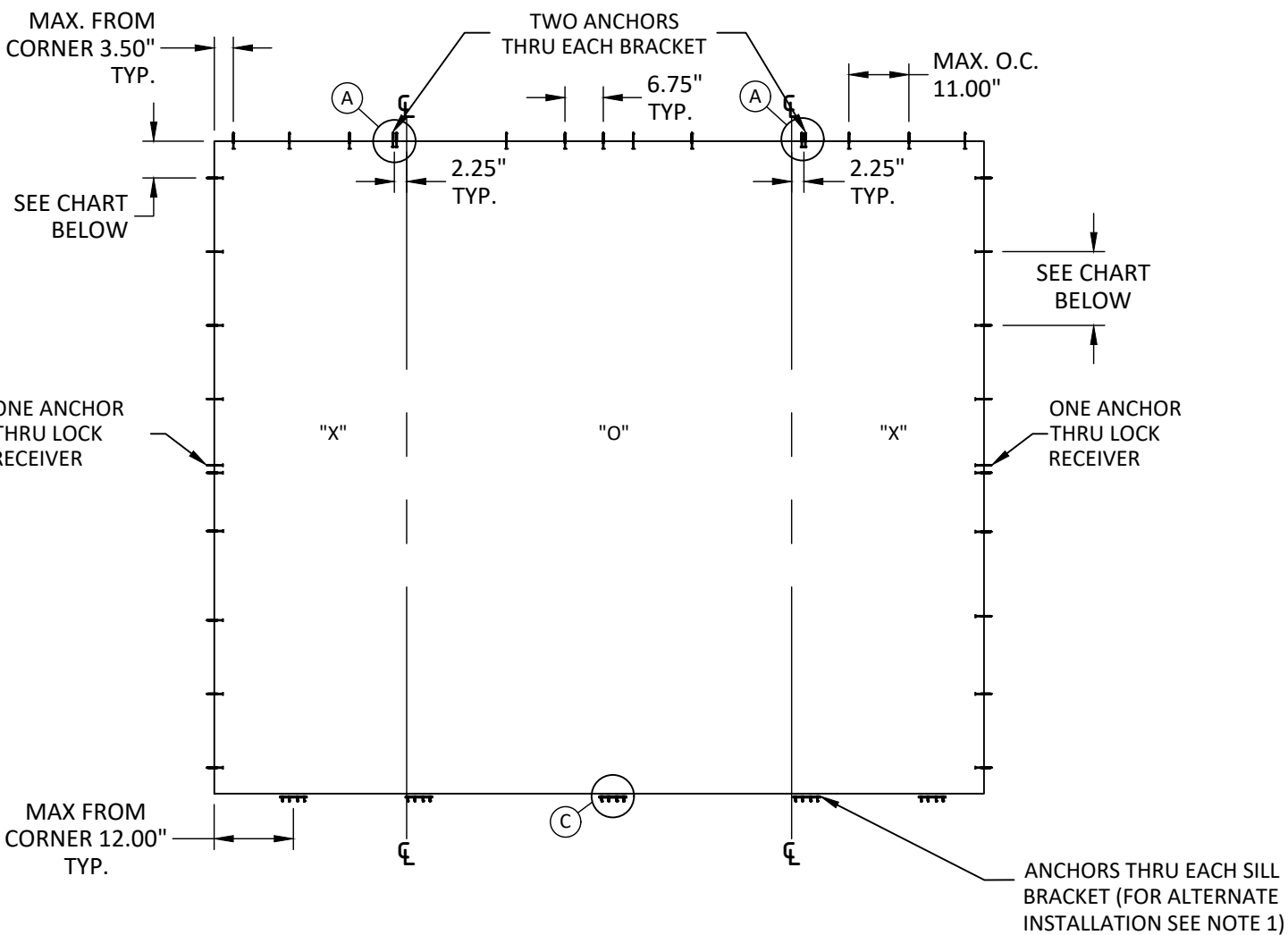
REMARKS	BY	DATE

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CHK. BY:	HFN
SCALE:	NTS
DWG. #:	AWD306
SHEET:	6

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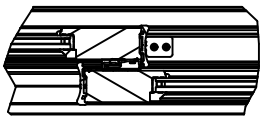
ANCHOR LAYOUT

JAMB ANCHOR SPACING (XOX & O)		
HEIGHT	MAX. CORNER SPACING	MAX. O.C. SPACING
119.5"	5.0"	14.0"
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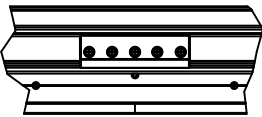
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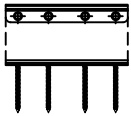
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- 35.62" O.C. @ 95.25" WIDTH



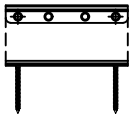
DETAIL A
HEAD JAMB BRACKET
2 ANCHORS THROUGH
BRACKET REQUIRED



DETAIL B
HEAD JAMB STIFFENER
3 ANCHORS THROUGH
STIFFENER REQUIRED



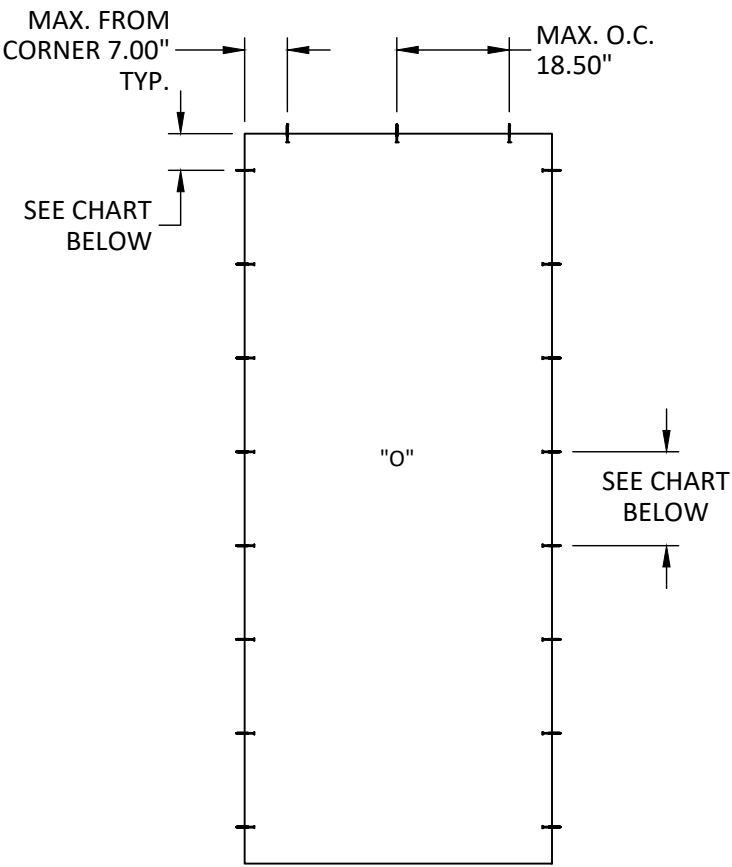
(4) ANCHORS FOR
WOOD OR METAL



(2) ANCHORS FOR
CONCRETE/MASONRY

DETAIL C

SILL BRACKET
SEE ABOVE FOR
ANCHOR QUANTITIES



ANCHOR LAYOUT



ANDERSEN
WINDOWS & DOORS

100 FOURTH AVE NORTH
BAYPORT, MN 55003-1096

PH: (651) 264-5150 FX: (651) 264-5485

TITLE: A-SERIES GLIDING PATIO DOOR (NON-HVHZ)/(NON-IMPACT) ANCHOR LAYOUTS

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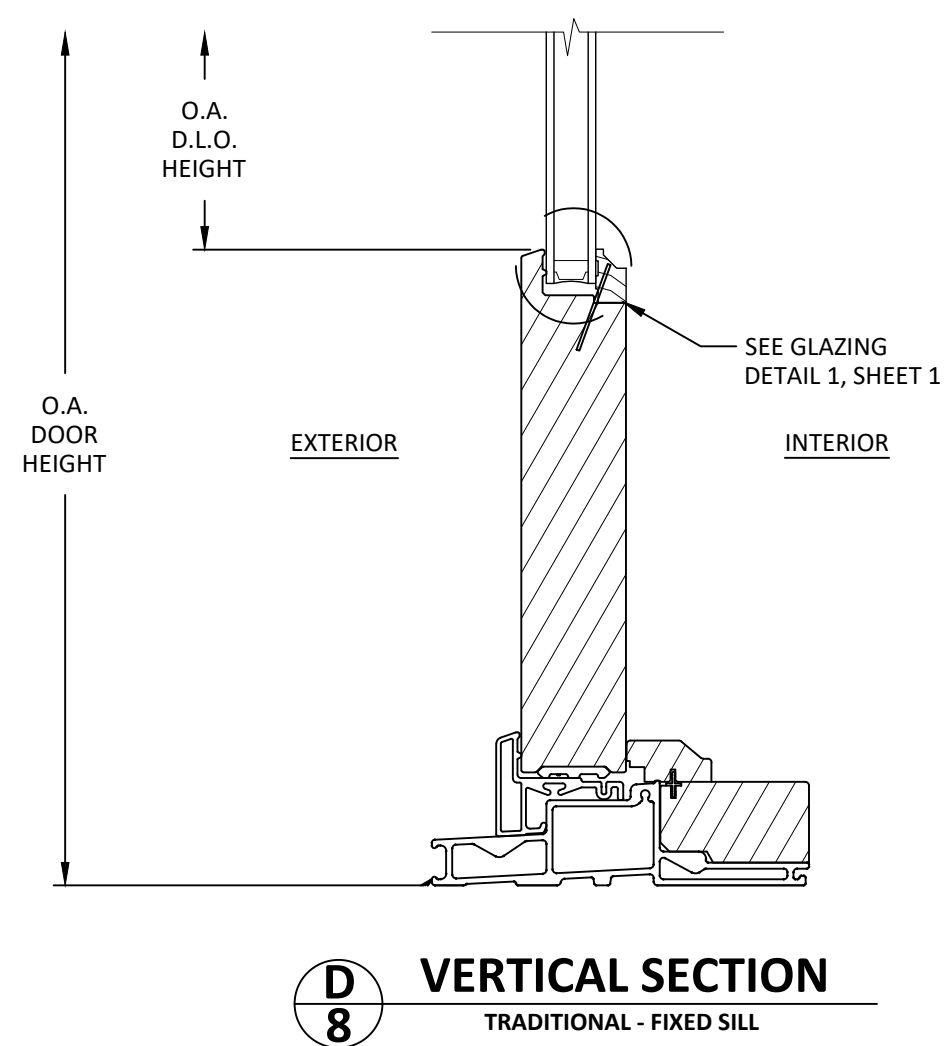
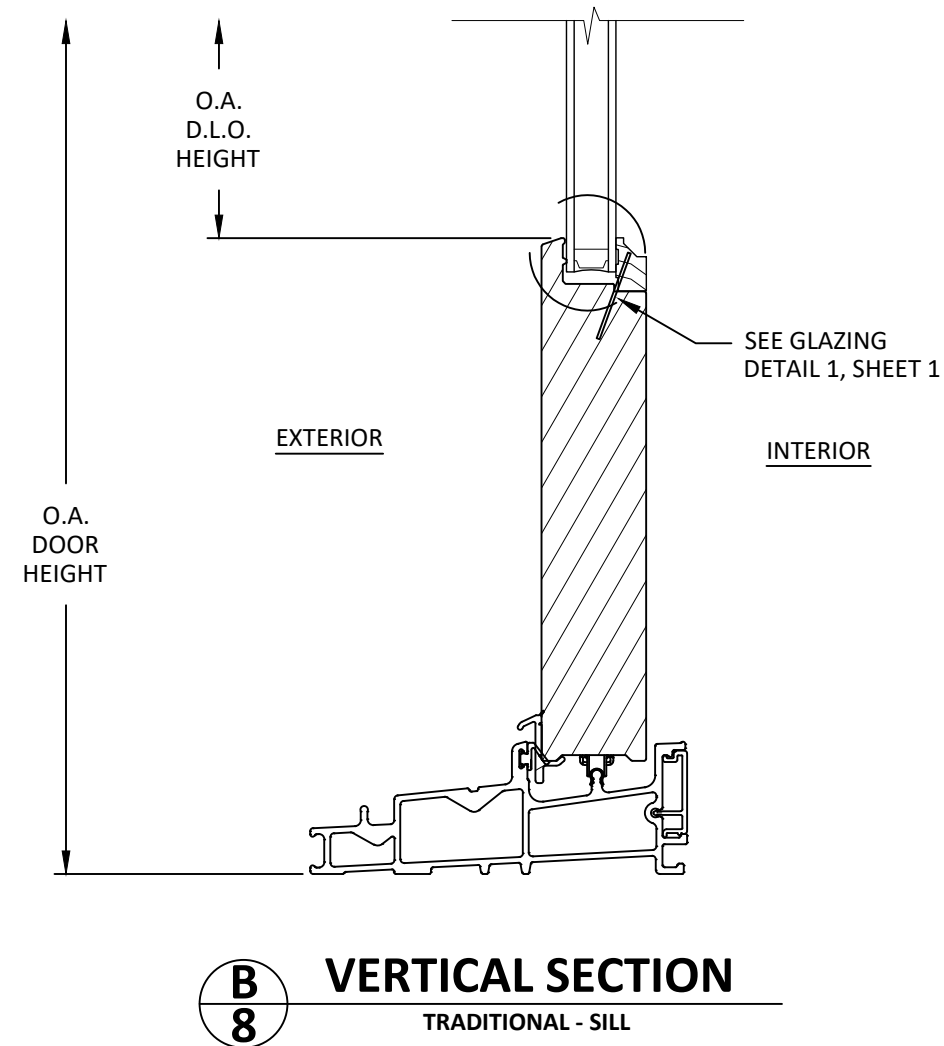
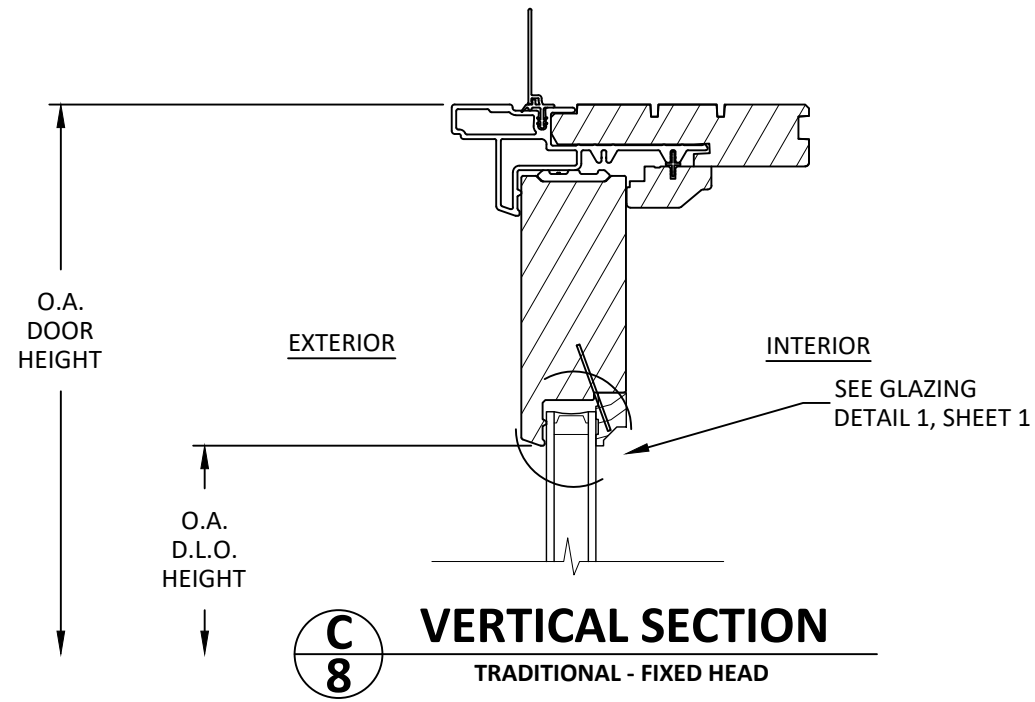
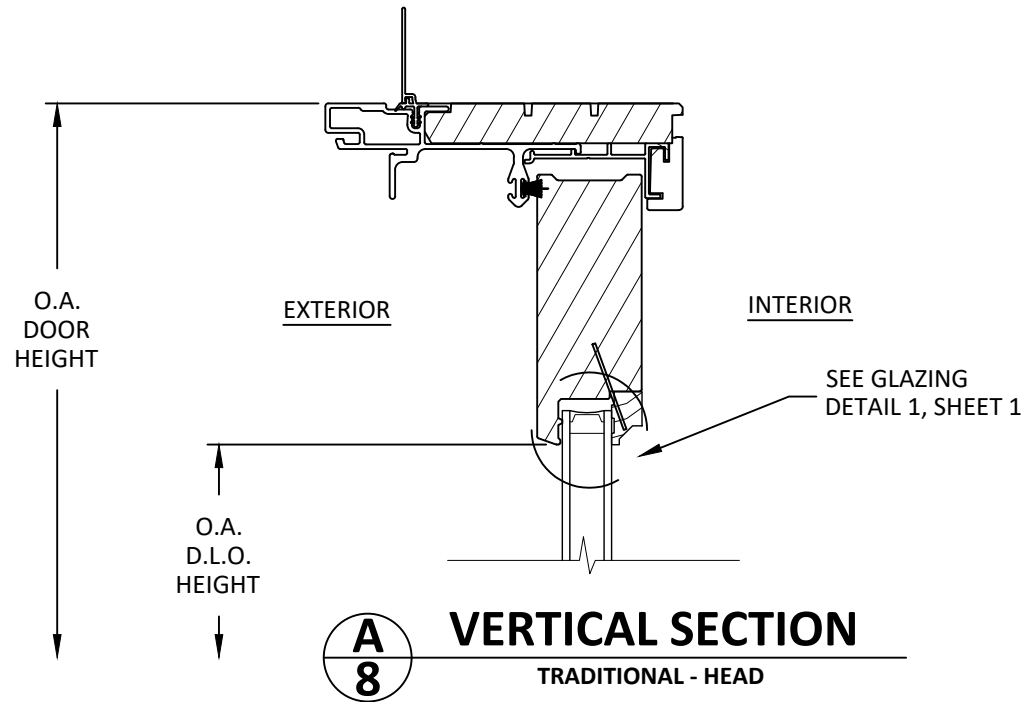
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FLORIDA P.E. No. 73778
BUILDING DROPS, INC.
398 E. DANIA BEACH BLVD. # 338
DANIA BEACH, FL 33004
FBPE CERT. OF AUTHORIZATION No. 29578

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CHK. BY:	HFN
SCALE:	NTS
DWG. #:	AWD306
SHEET:	7

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TITLE: A-SERIES GLIDING
PATIO DOOR
(NON-HVHZ)/(NON-IMPACT)

VERTICAL SECTIONS

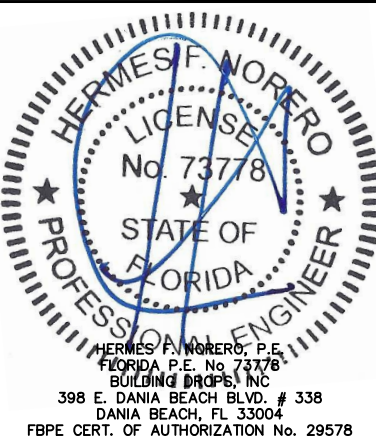
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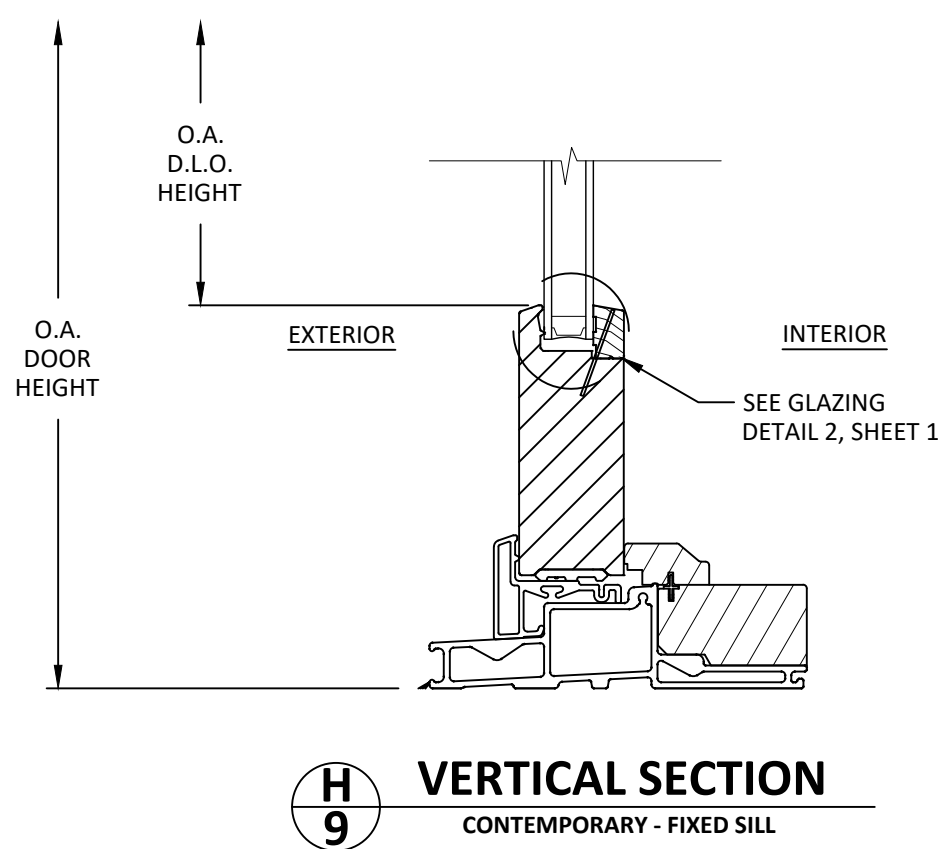
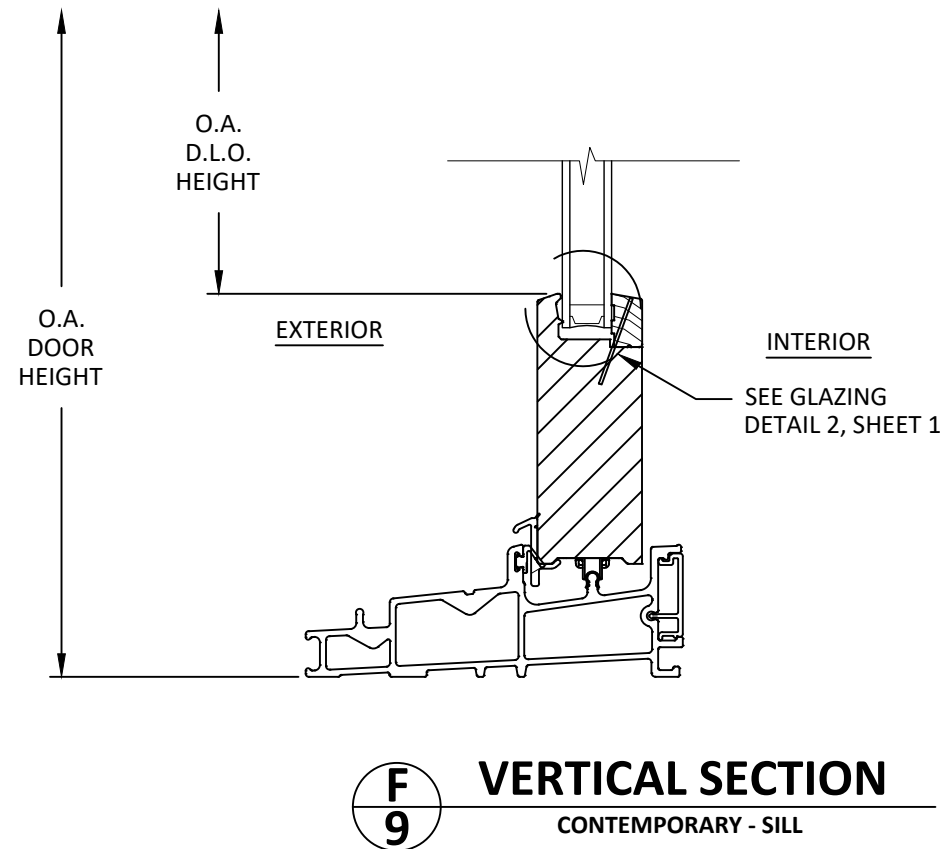
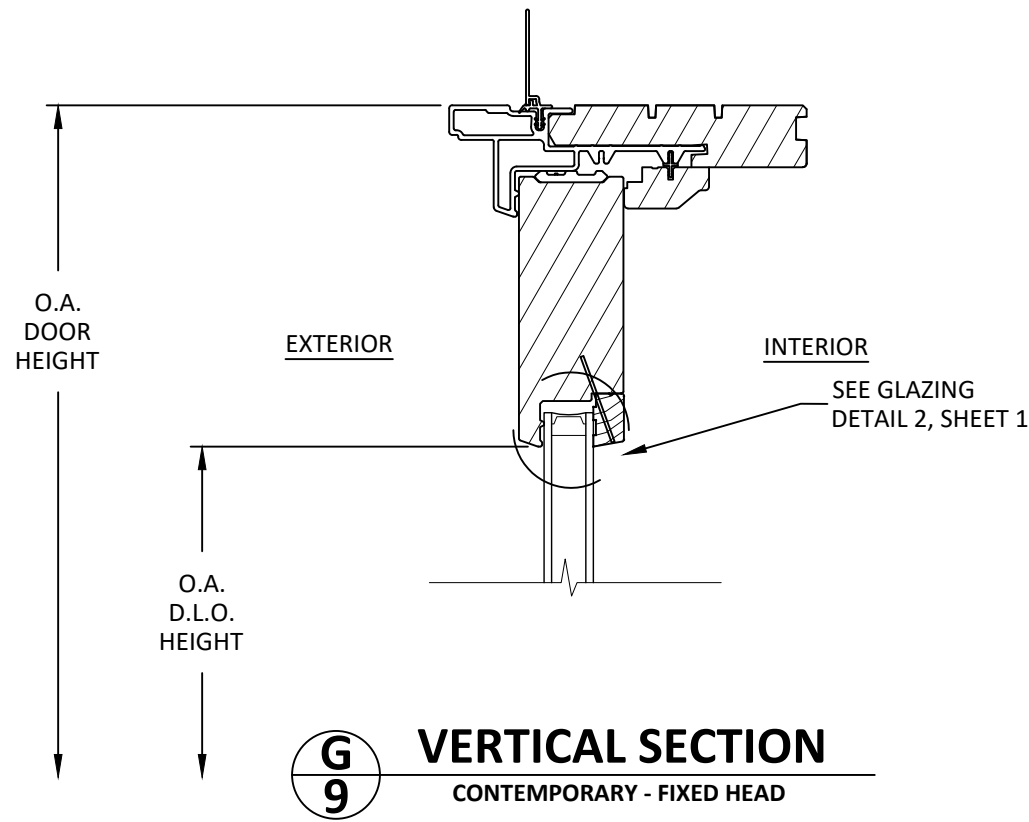
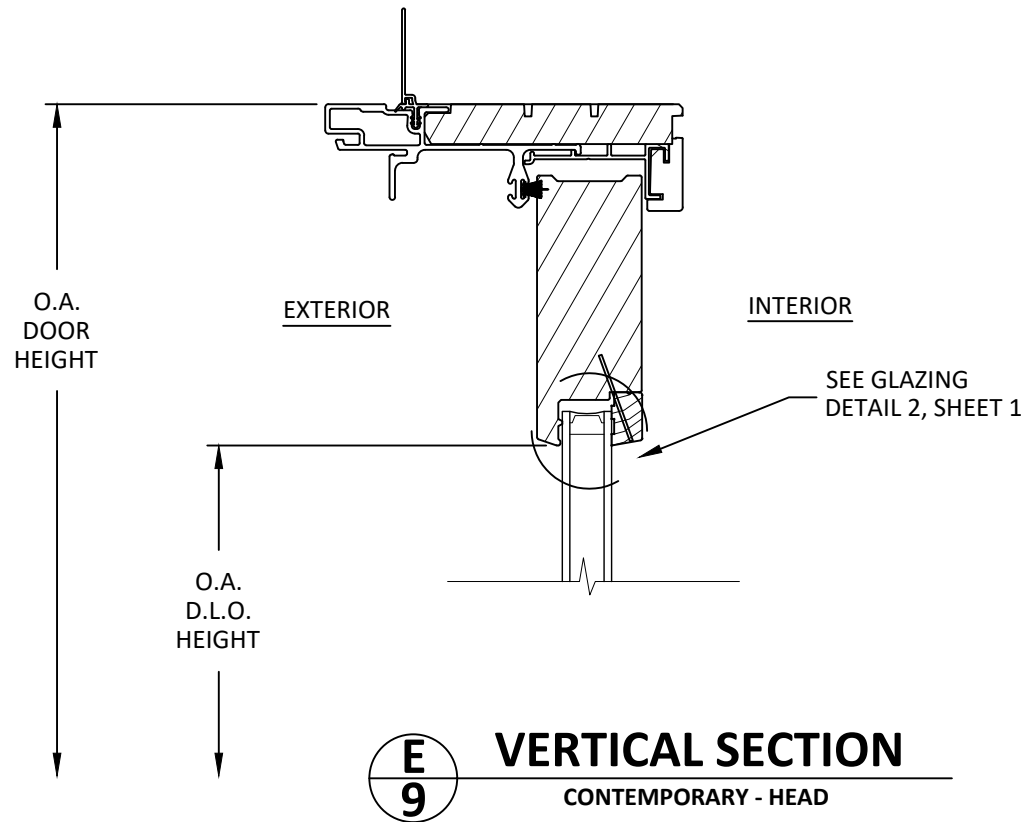
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DWG. #: AWD306

SHEET:

8

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TITLE: A-SERIES GLIDING
PATIO DOOR
(NON-HVHZ)/(NON-IMPACT)

VERTICAL SECTIONS

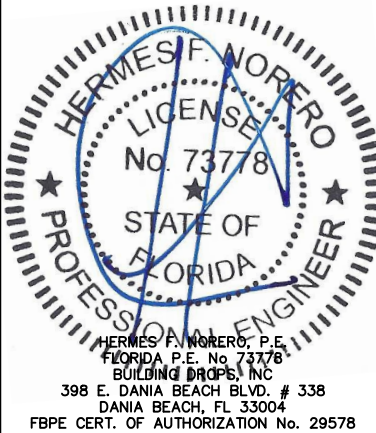
PREPARED BY: BUILDING DROPS, INC.

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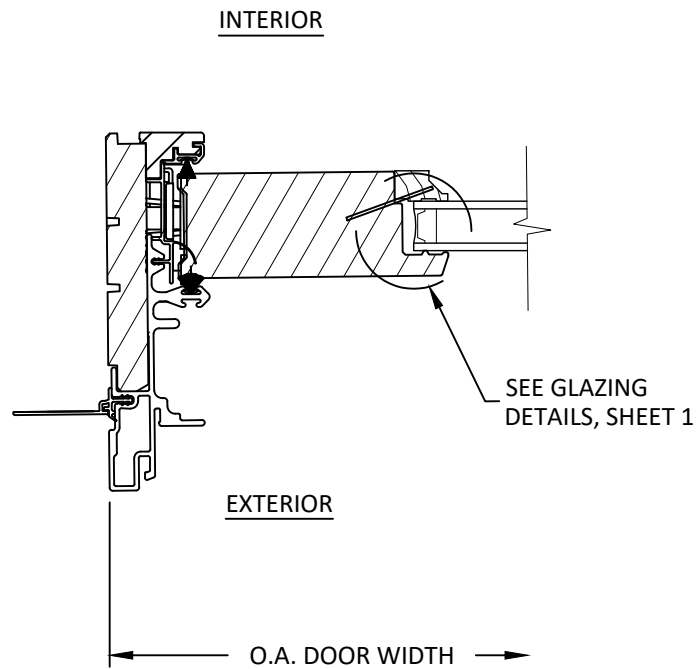
REMARKS	BY	DATE

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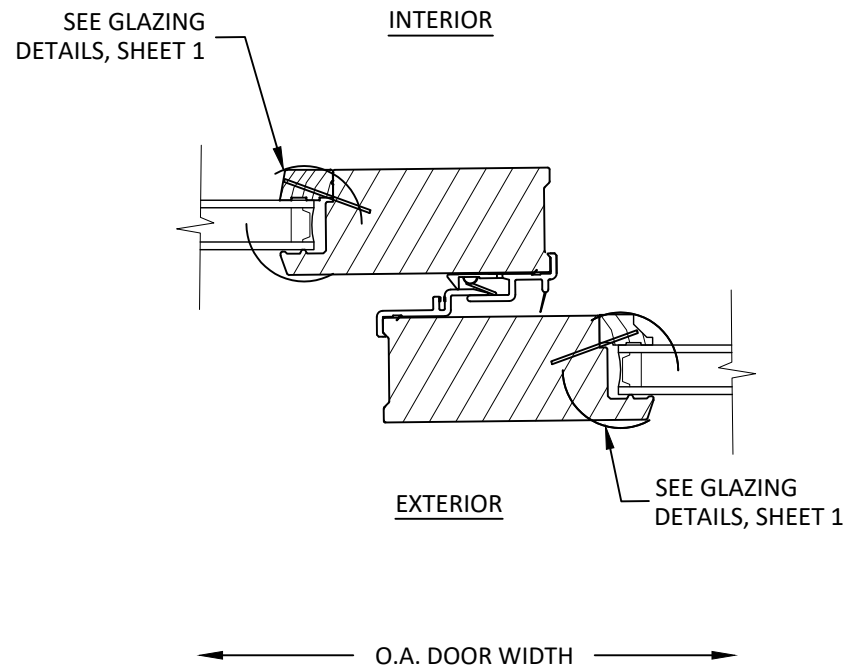


FL #:	FL14429
DATE:	07.22.22
DWG. BY:	SH
CHK. BY:	HFN
SCALE:	NTS
DWG. #:	AWD306
SHEET:	9

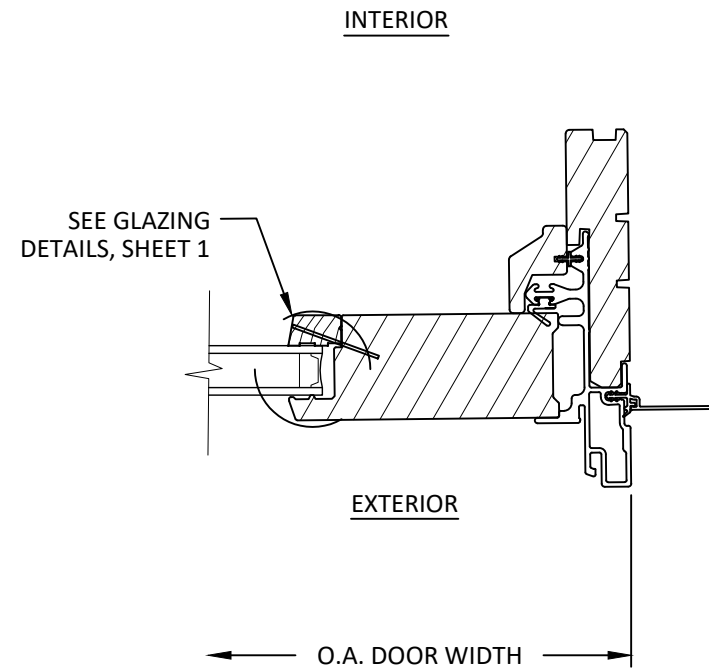
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A
10 **HORIZONTAL SECTION**
JAMB

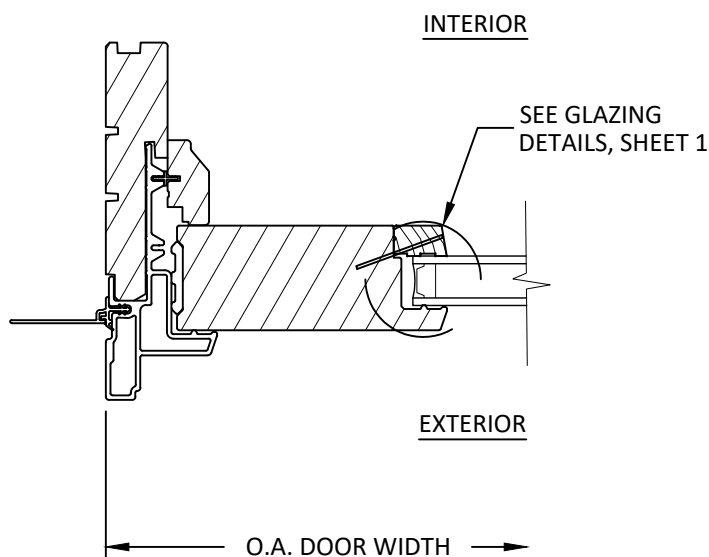


C
10 **HORIZONTAL SECTION**
PANEL INTERLOCK - FOR UNITS 8' TALL AND SHORTER

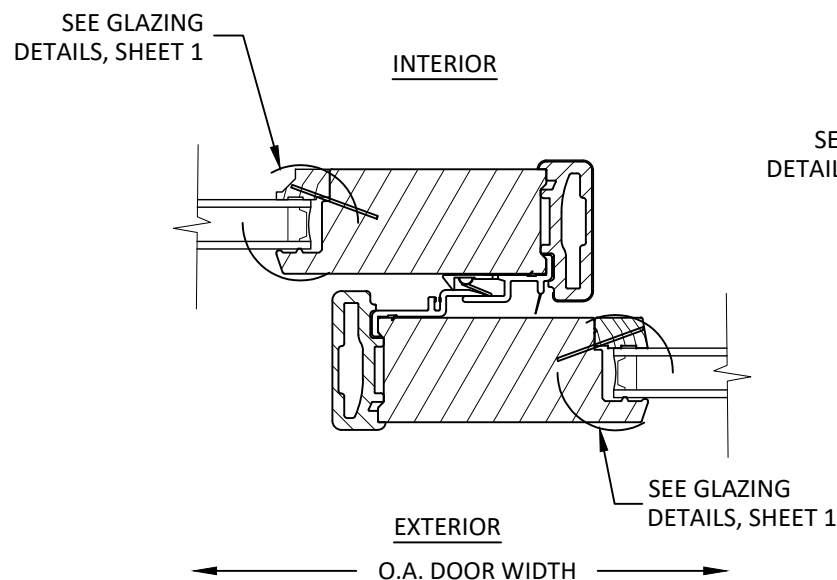


E
10 **HORIZONTAL SECTION**
JAMB

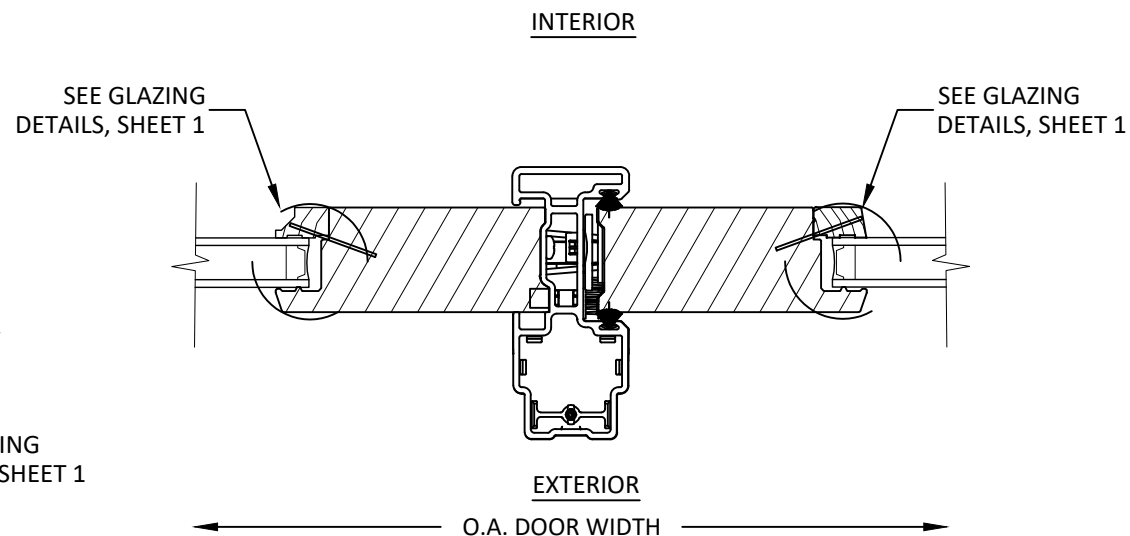
NOTE: DETAILS SHOWN ARE
TYPICAL OF TRADITIONAL
AND CONTEMPORARY DOORS



B
10 **HORIZONTAL SECTION**
FIXED JAMB



D
10 **HORIZONTAL SECTION**
PANEL INTERLOCK - UNITS TALLER THAN 8'



F
10 **HORIZONTAL SECTION**
BUTT STILE



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HORIZONTAL SECTIONS

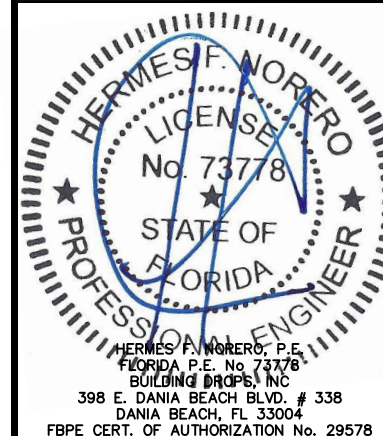
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REMARKS	BY	DATE

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SCALE: **NTS**

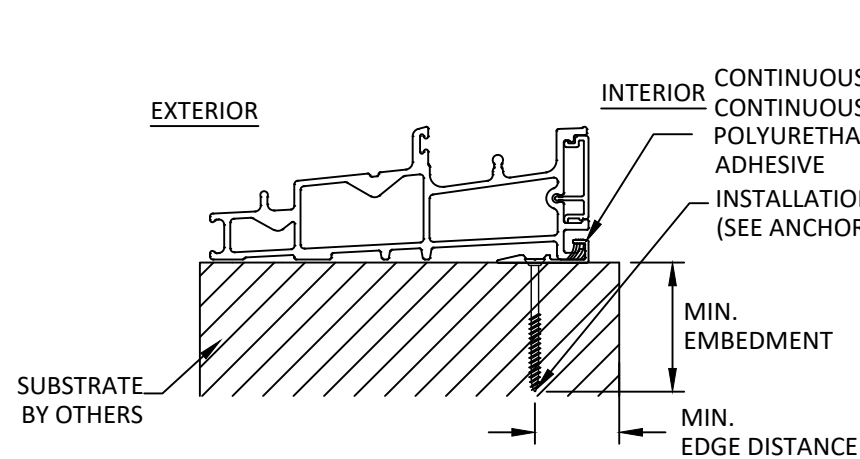
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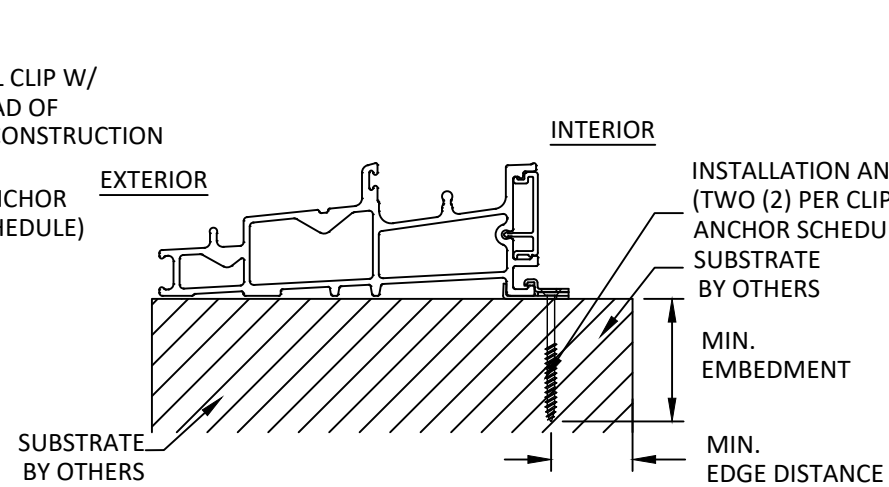
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OF 11

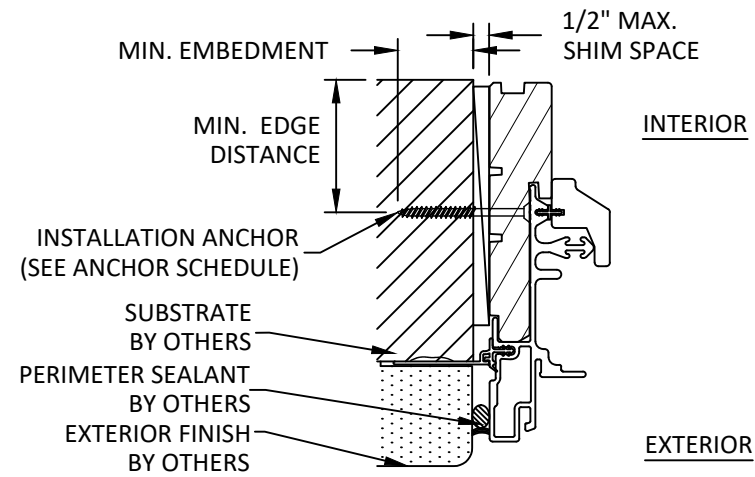
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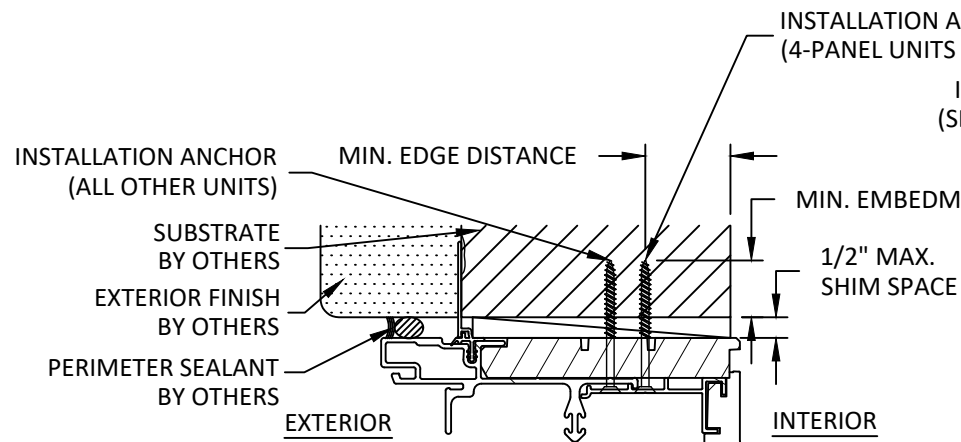
A
11
ANCHOR DETAIL
SILL - INSTALLATION CLIP



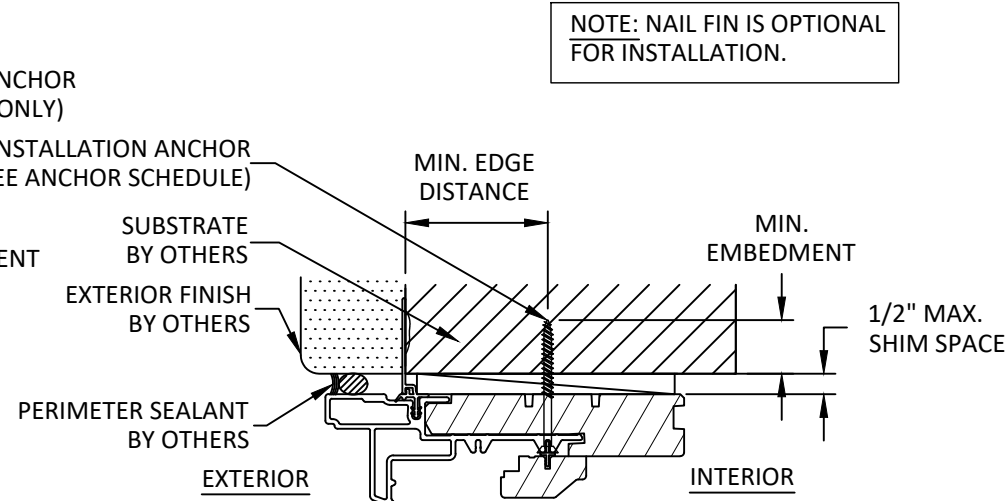
C
11
ANCHOR DETAIL
SILL - INSTALLATION CLIP



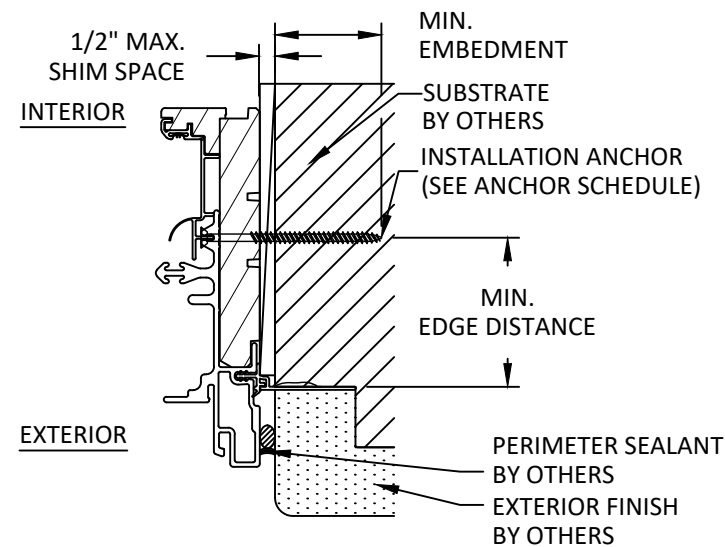
E
11
ANCHOR DETAIL
JAMB - THROUGH FRAME



B
11
ANCHOR DETAIL
HEAD - THROUGH FRAME



D
11
ANCHOR DETAIL
HEAD - THROUGH FRAME



F
11
ANCHOR DETAIL
JAMB - THROUGH FRAME

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 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 INSTALLATION ANCHOR WITH LOAD BEARING SHIM(S). MAXIMUM ALLOWABLE SHIM STACK TO BE 1/2 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 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.
- 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.

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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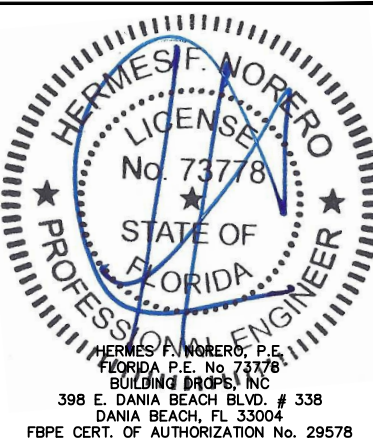
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