

AWILUX POLSKA SP. Z O.O SP.K.

CP155 LIFT AND SLIDE DOOR

(HVHZ)(IMPACT)

GENERAL NOTES:

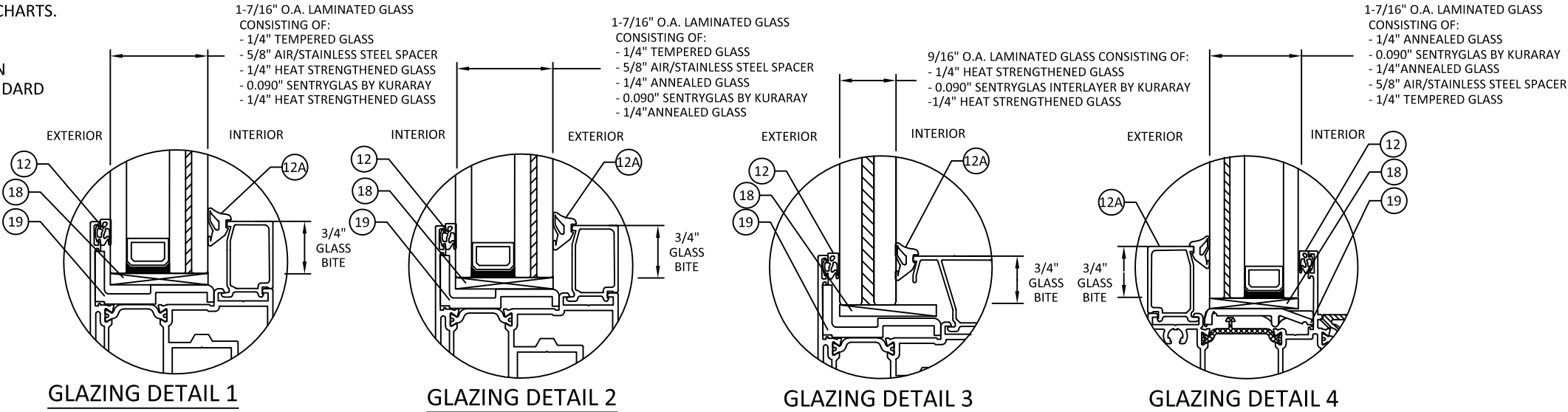
1. THE PRODUCT SHOWN HEREIN IS DESIGNED AND MANUFACTURED TO COMPLY WITH THE CURRENT EDITION FLORIDA BUILDING CODE (FBC), INCLUDING HVHZ AND HAS BEEN EVALUATED ACCORDING TO THE FOLLOWING:
 - TAS 201-94
 - TAS 202-94
 - TAS 203-94
 - ASTM E283-04
 - ASTM E331-00(09)
 - ASTM F842-14
2. ADEQUACY OF THE EXISTING STRUCTURAL CONCRETE/MASONRY, 2X FRAMING, AND METAL 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. INSTALL INDIVIDUAL INSTALLATION ANCHORS WITHIN A TOLERANCE OF ±1/4 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.
5. 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.
6. APPROVED IMPACT PROTECTIVE SYSTEM **IS NOT REQUIRED** ON THIS PRODUCT IN AREAS REQUIRING IMPACT RESISTANCE.
7. DOOR FRAME MATERIAL: 6060-T66

8. GLASS MEETS THE REQUIREMENTS OF ASTM E 1300 GLASS CHARTS. SEE SHEET 1 FOR GLAZING DETAILS.
9. CUSTOM SIZES AVAILABLE UPON REQUEST. CUSTOM DESIGN PRESSURE WILL BE ASSIGNED EQUAL TO NEXT LARGER STANDARD SIZE.

DESIGN PRESSURE RATING (PSF)				
CONFIGURATION	WIDTH (IN.)	HEIGHT (IN.)	DESIGN PRESSURE	MISSILE IMPACT RATING
X/O	SEE SHEET 2	SEE SHEET 2	+/- 65 PSF	IMPACT
X/X/X/O	SEE SHEET 3	SEE SHEET 3	+/- 65 PSF	IMPACT

- GLAZING NOTES:
1. GLASS TYPE COMPLIES WITH ASTM E1300 REQUIREMENTS. PER THE FBC TEMPER AND SAFETY GLAZING REQUIREMENTS SHALL BE REVIEWED ON A SITE SPECIFIC BASIS.
2. SETTING BLOCK DUROMETER HARDNESS OF 70-90 (SHORE A) AS REFERENCED IN FBC CHAPTER 24.
3. SETTING BLOCKS TO BE LOCATED AT 1/4 SPAN LENGTH FOR GLASS WIDER THAN 36" AS PER FBC CHAPTER 24.
4. D.L.O. AND DESIGN PRESSURES MAY NOT EXCEED MAX VALUES SHOWN HEREIN.

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TITLE:

CP155 LIFT AND SLIDE DOOR
(HVHZ)(IMPACT)

GENERAL NOTES &
GLAZING DETAILS

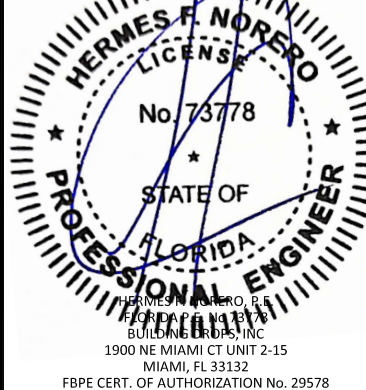
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BUILDING DROPS, INC.
1900 NE MIAMI CT UNIT 2-15
MIAMI, FL 33132
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REMARKS	BY	DATE

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Digitally signed by Hermes F. Norero, P.E.
Reason: I am approving this document
Date: 2024.04.10 16:15:47 -0400



FL #:

FL46563

DATE:

02.10.24

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FB

CHK. BY:

HFN

SCALE:

NTS

DWG. #:

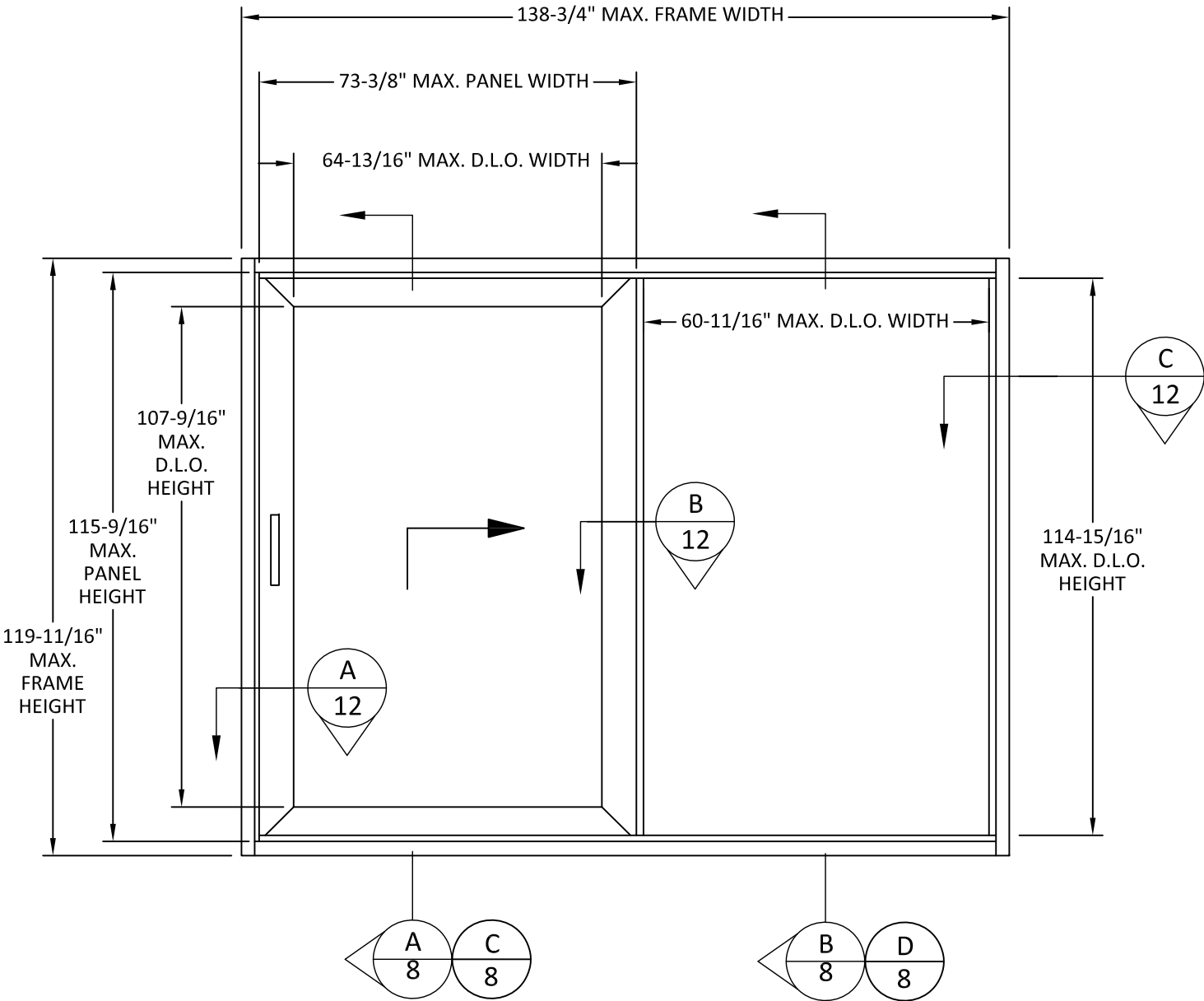
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SHEET:

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ELEVATION
MONO SINGLE TRACK



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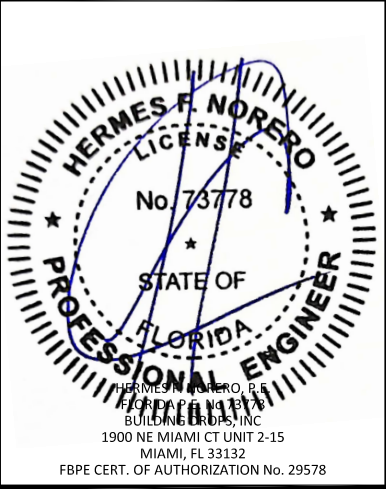
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ELEVATION

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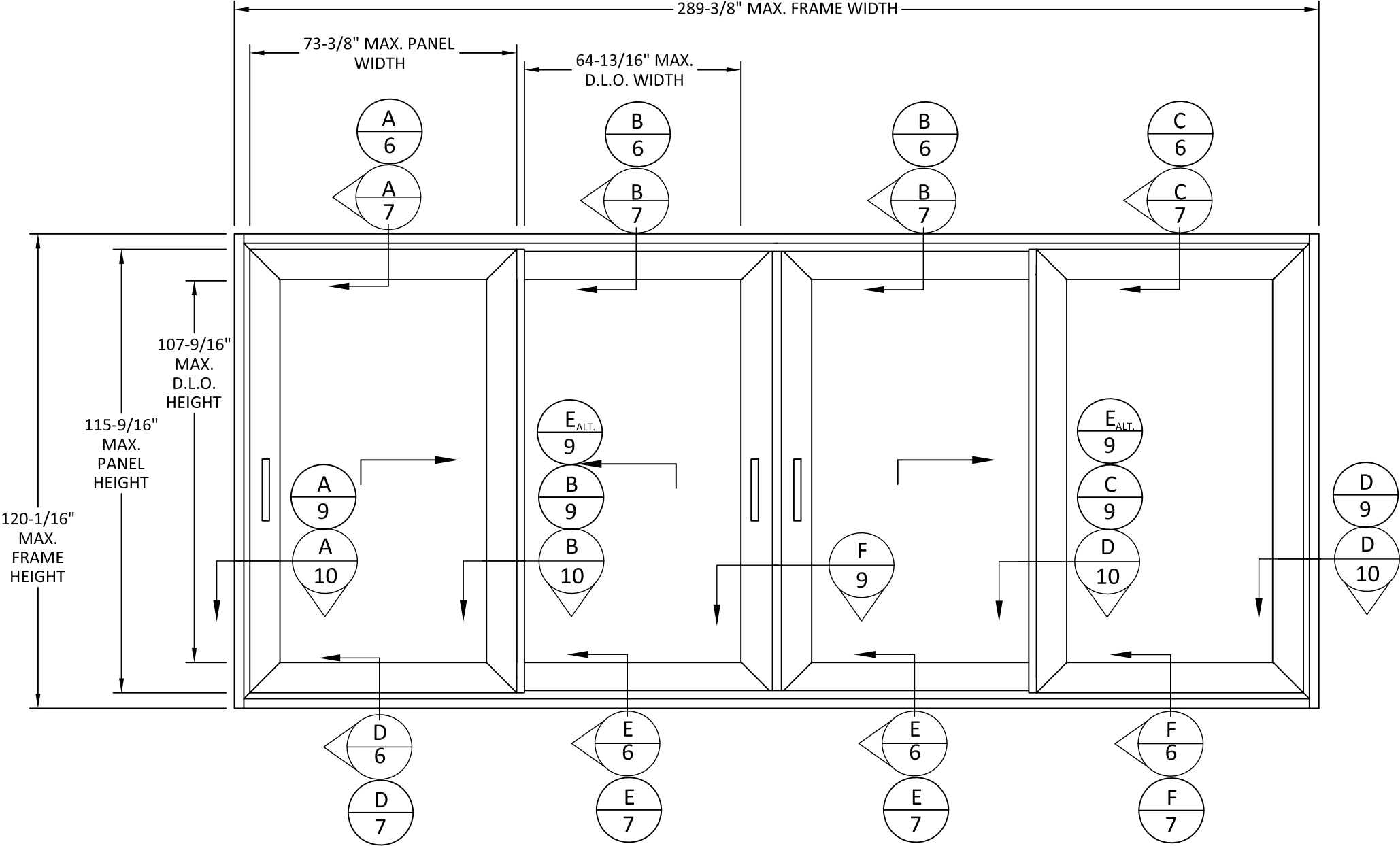
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ELEVATION
TWO TRACK AND THREE TRACK



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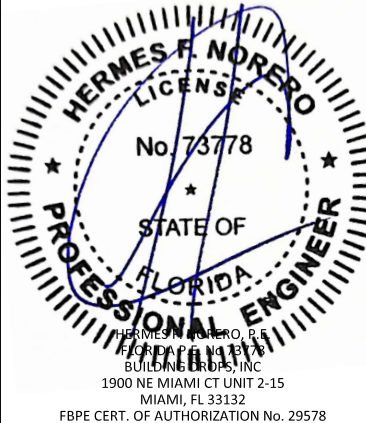
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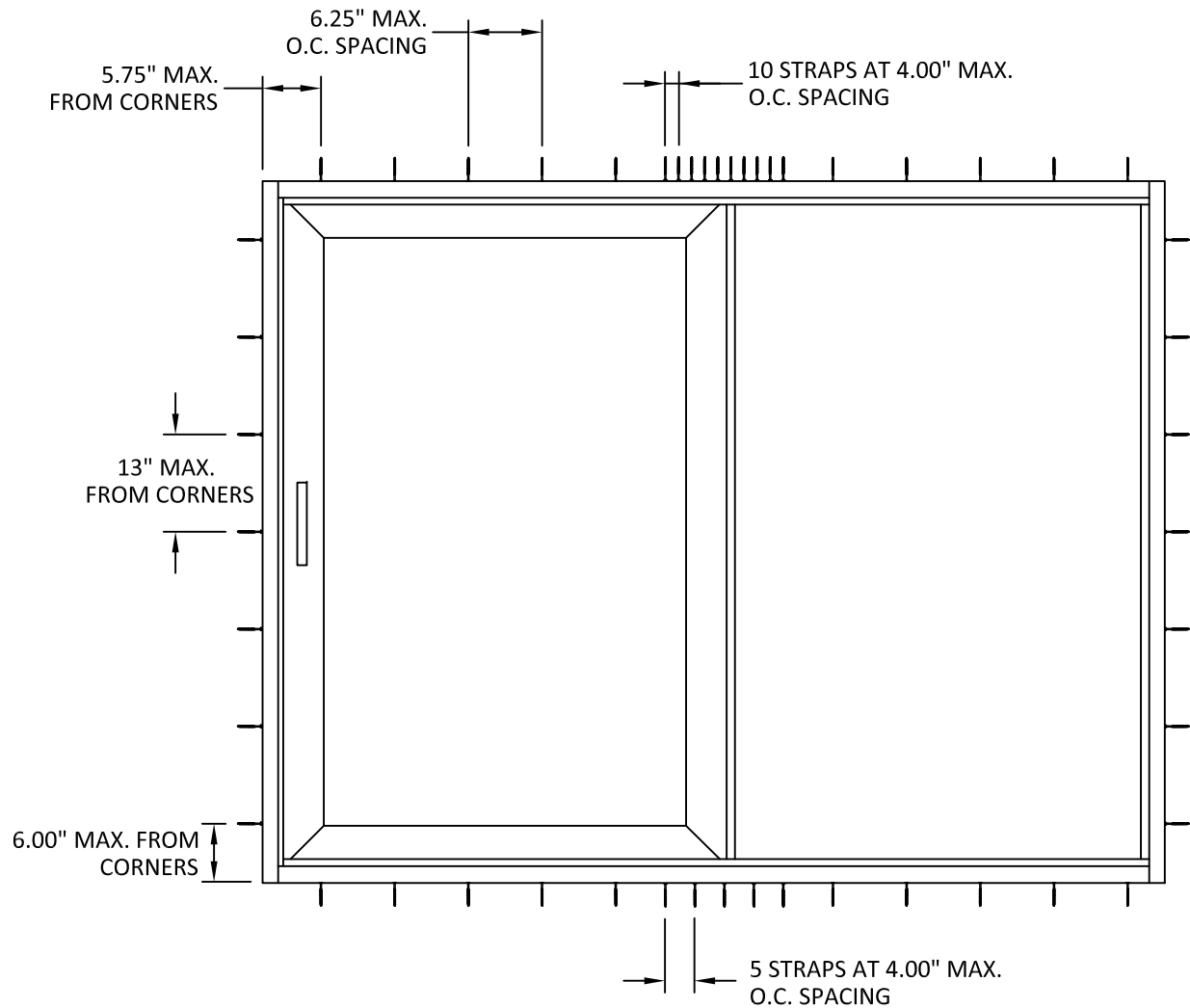
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ANCHOR LAYOUT THROUGH FRAME

2 ANCHORS PER STRAP
LOCATION.

ANCHOR SCHEDULE					
METHOD	SUBSTRATE	ANCHOR SCHEDULE	MIN. EMBEDMENT	MIN. EDGE DISTANCE	SPACING
STRAP- INSTALLATION 2 ANCHORS PER STRAP: 2 STRAPS AT EACH HEAD AND SILL LOCATION 1 STRAP AT EACH JAMB LOCATION	WOOD: MIN. SG = 0.55	#14 WOOD SCREW	1.50"	0.75"	SEE ABOVE
	METAL: 18 GAUGE STEEL, MIN. Fy = 33KSI ALUMINUM: 1/8" MIN. 6063-T5	1/4" SELF DRILLING TAPCON	3 THREADS MIN. PENETRATION BEYOND STRUCTURE	0.50"	
	CONCRETE: fc = 3000PSI	1/4" ITW TAPCON	1.00"	2.50"	
	MASONRY: CMU per ASTM C90 MIN. 2000 PSI	1/4" ITW TAPCON	1.00"	2.50"	



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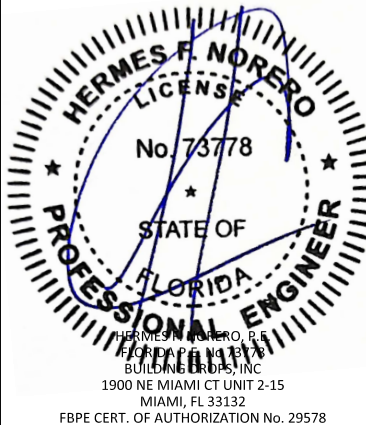
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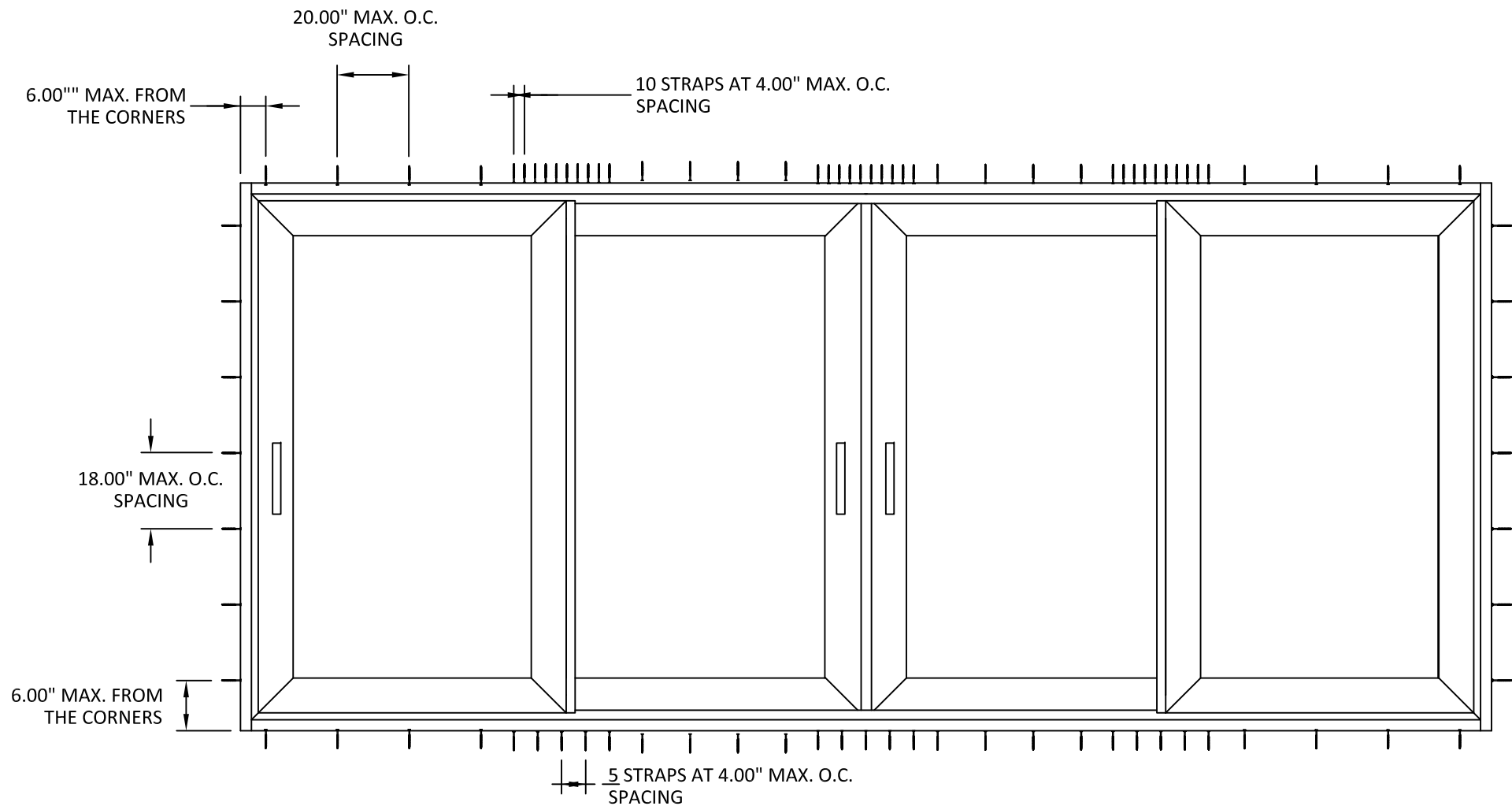
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ANCHOR LAYOUT
THROUGH FRAME

2 ANCHORS PER STRAP
LOCATION.

ANCHOR SCHEDULE					
METHOD	SUBSTRATE	ANCHOR SCHEDULE	MIN. EMBEDMENT	MIN. EDGE DISTANCE	SPACING
STRAP-INSTALLATION 2 ANCHORS PER STRAP: 2 STRAPS AT EACH HEAD AND SILL LOCATION 1 STRAP AT EACH JAMB LOCATION	WOOD: MIN. SG = 0.55	#14 WOOD SCREW	1.50"	0.75"	SEE ABOVE
	METAL: 18 GAUGE STEEL, MIN. Fy = 33KSI ALUMINUM: 1/8" MIN. 6063-T5	1/4" SELF DRILLING TAPCON	3 THREADS MIN. PENETRATION BEYOND STRUCTURE	0.50"	
	CONCRETE: fc = 3000PSI	1/4" ITW TAPCON	1.00"	2.50"	
	MASONRY: CMU per ASTM C90 MIN. 2000 PSI	1/4" ITW TAPCON	1.00"	2.50"	



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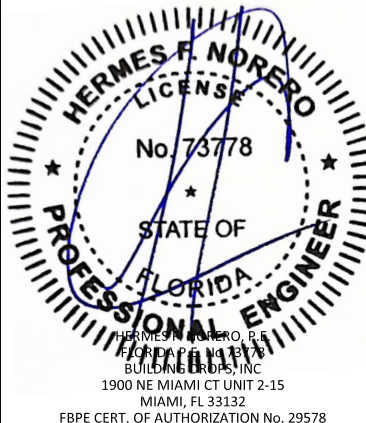
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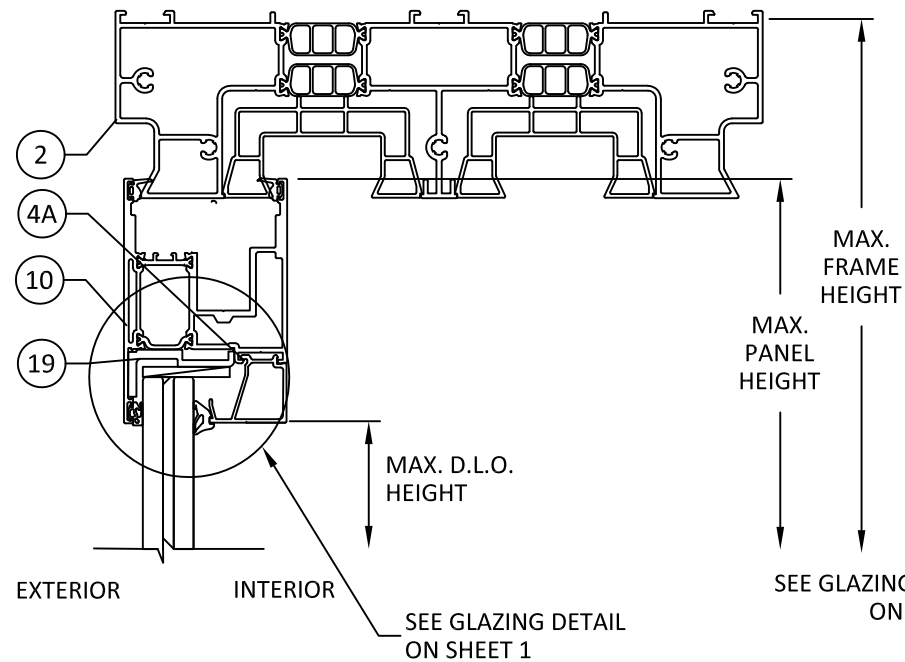
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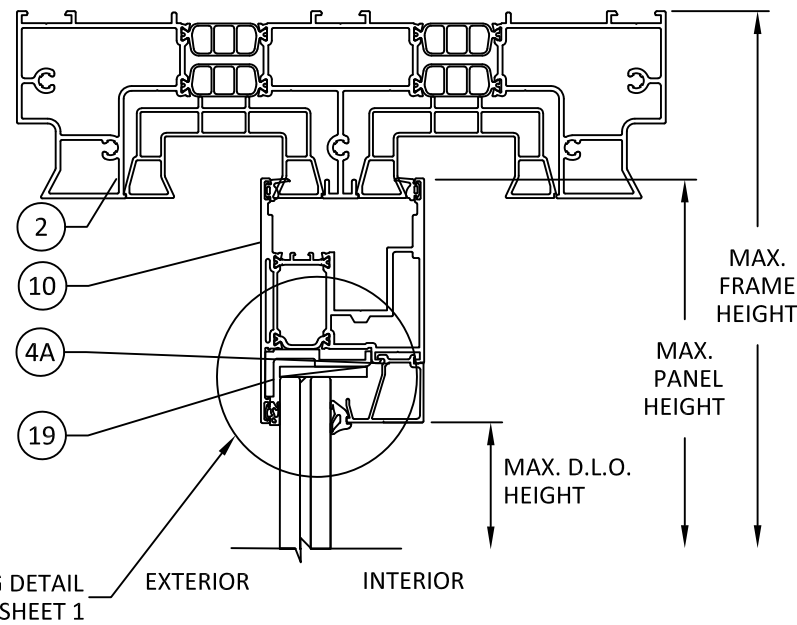
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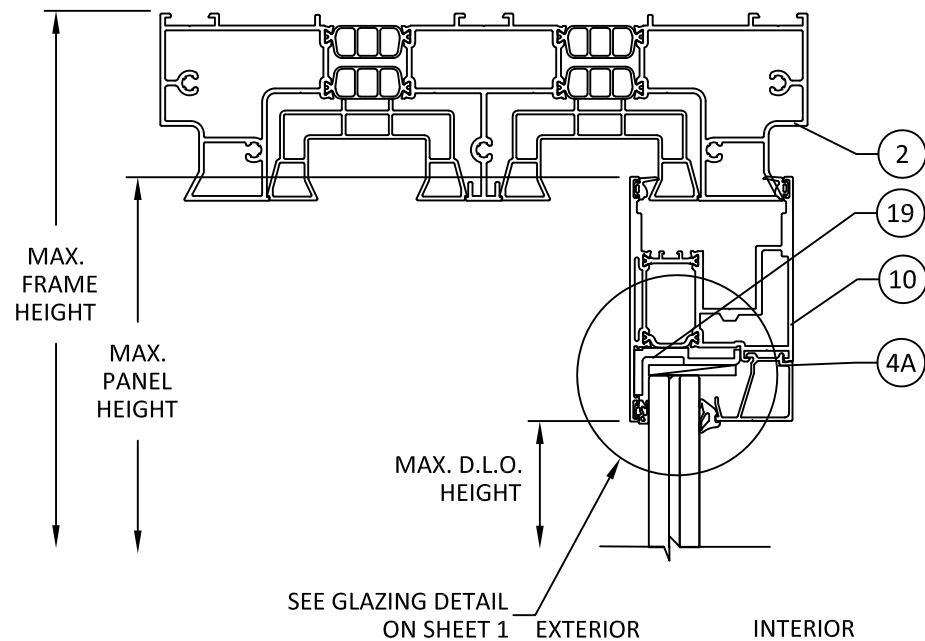
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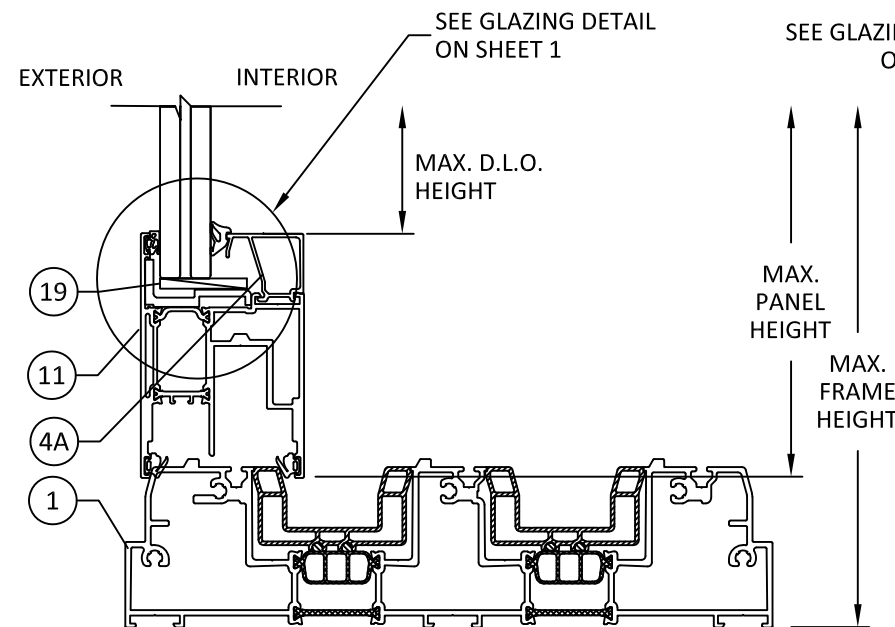
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TYP. HEAD DETAIL



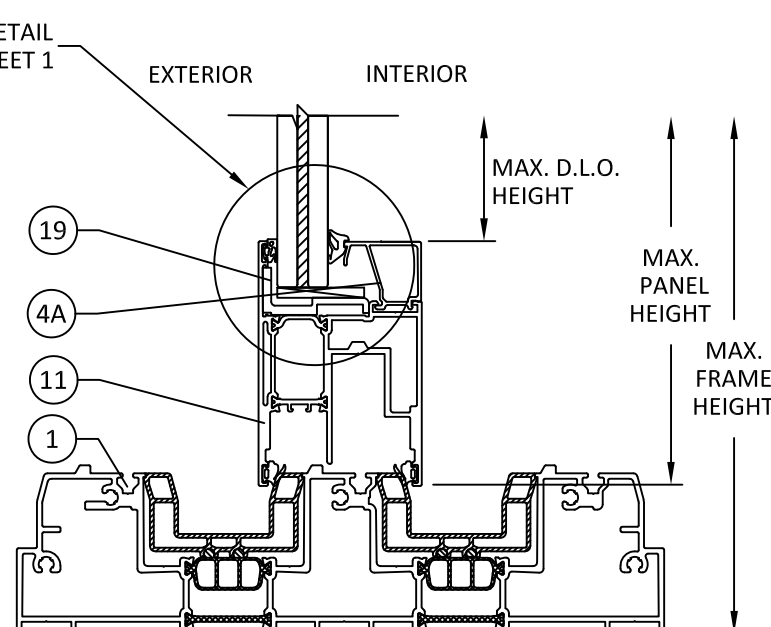
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VERTICAL SECTION
TYP. HEAD DETAIL



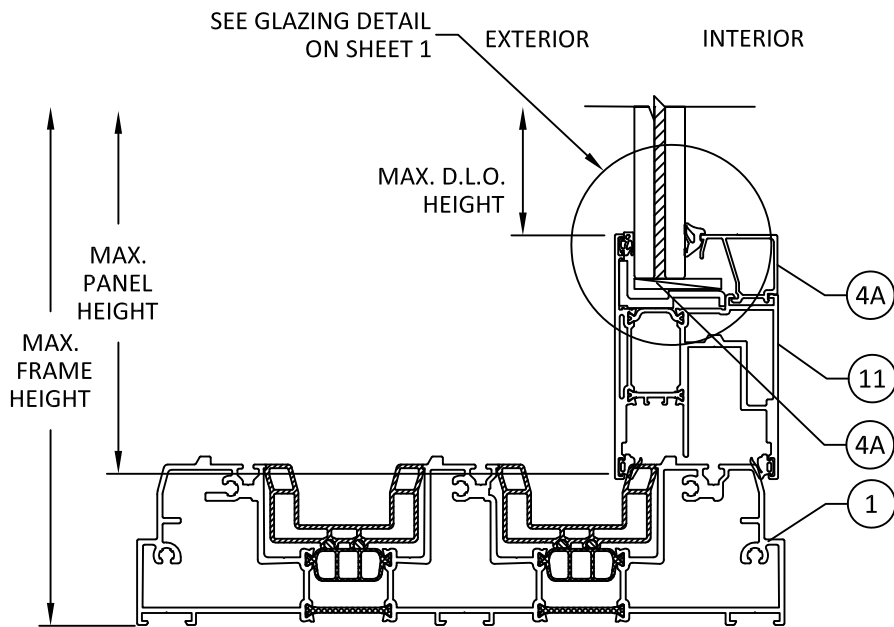
C
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VERTICAL SECTION
TYP. HEAD DETAIL



D
6
VERTICAL SECTION
TYP. SILL DETAIL



E
6
VERTICAL SECTION
TYP. SILL DETAIL



F
6
VERTICAL SECTION
TYP. SILL DETAIL



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VERTICAL SECTIONS

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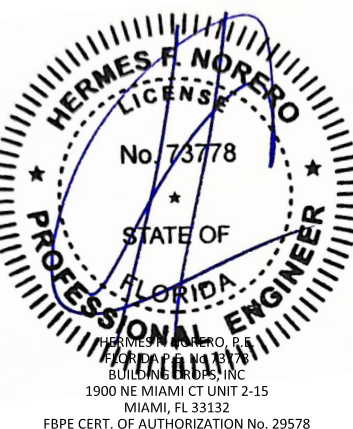
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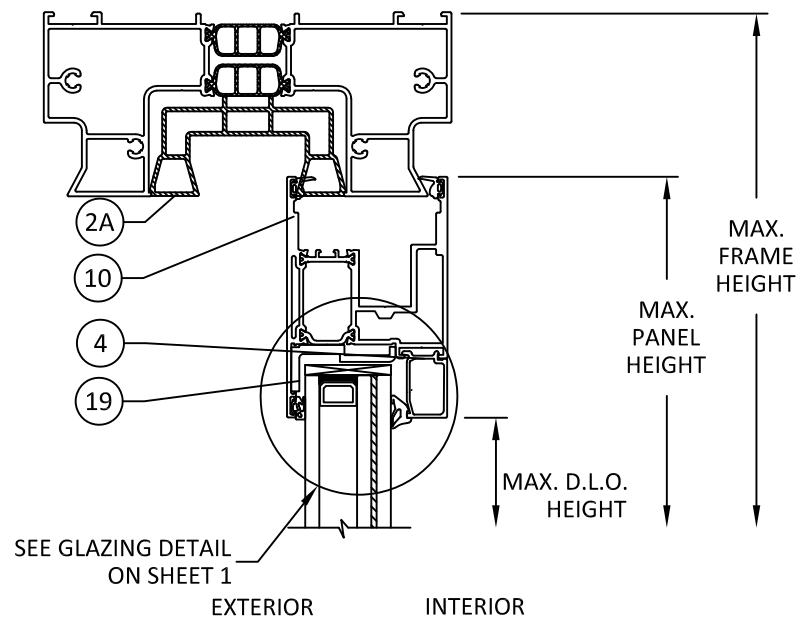
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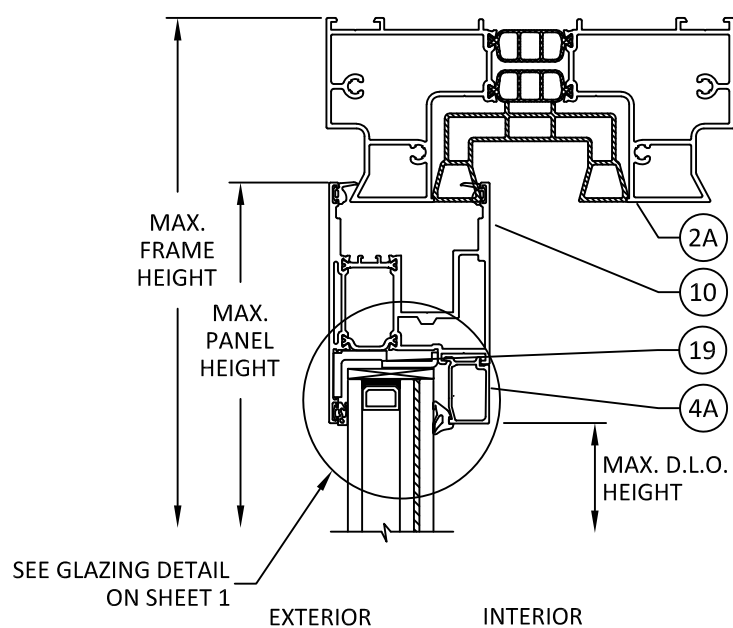


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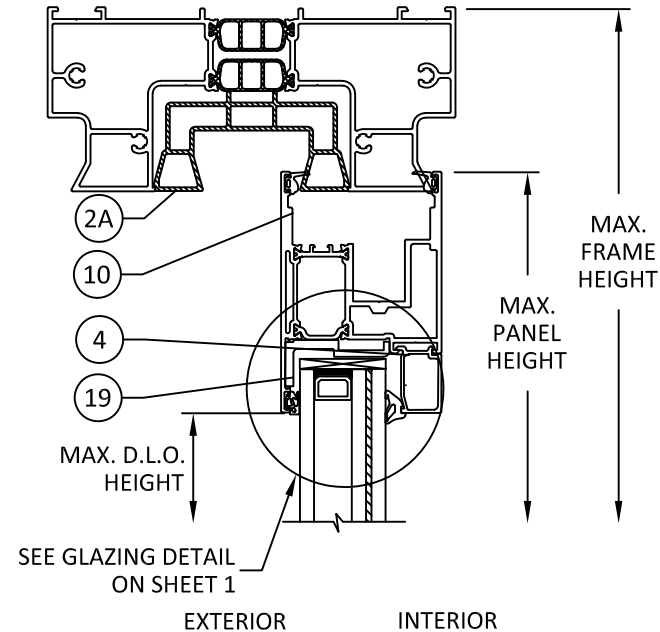
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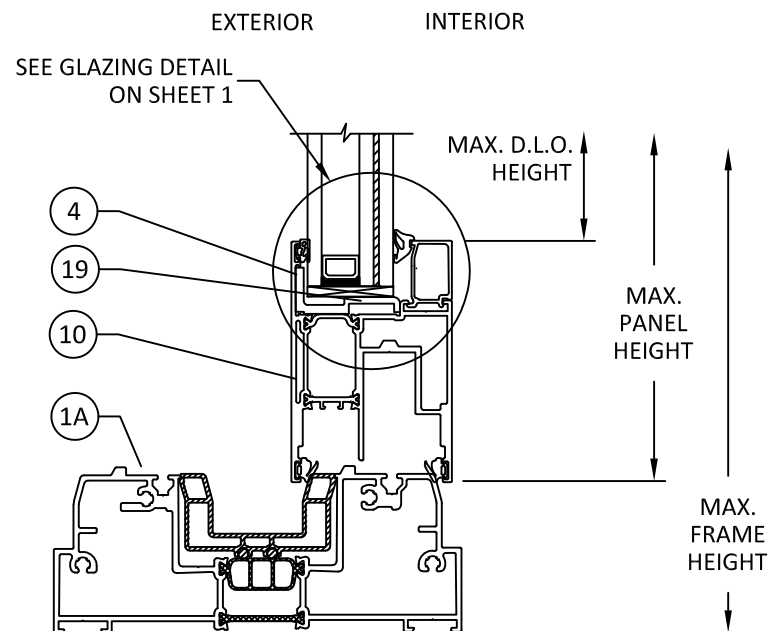
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VERTICAL SECTION
TYP. HEAD DETAIL



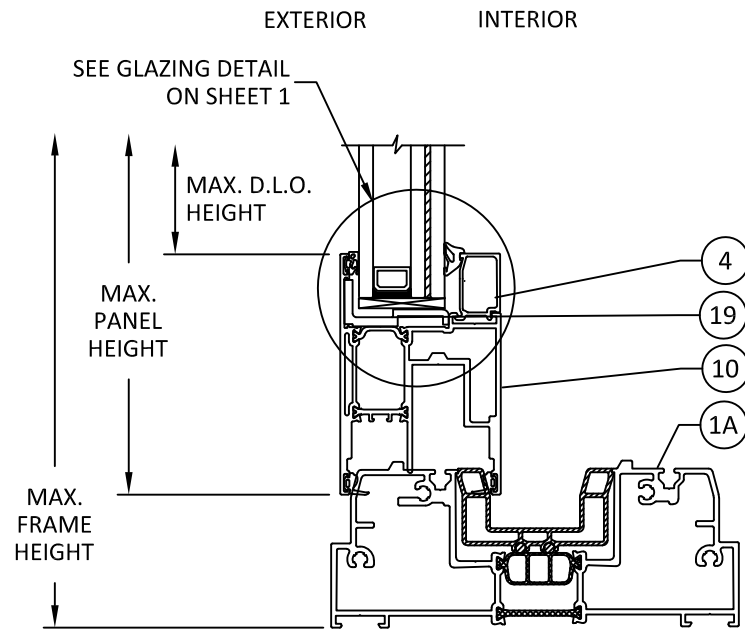
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TYP. HEAD DETAIL



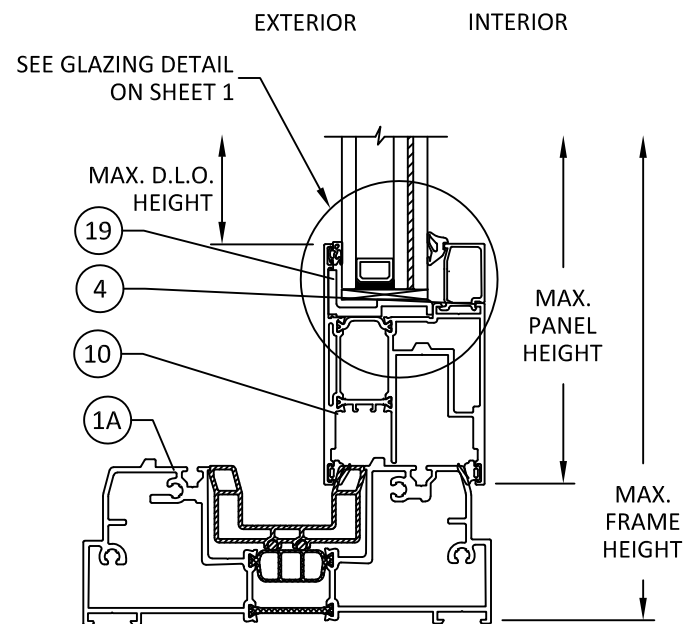
C
7
VERTICAL SECTION
TYP. HEAD DETAIL



D
7
VERTICAL SECTION
TYP. SILL DETAIL



E
7
VERTICAL SECTION
TYP. SILL DETAIL



F
7
VERTICAL SECTION
TYP. SILL DETAIL



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VERTICAL SECTIONS

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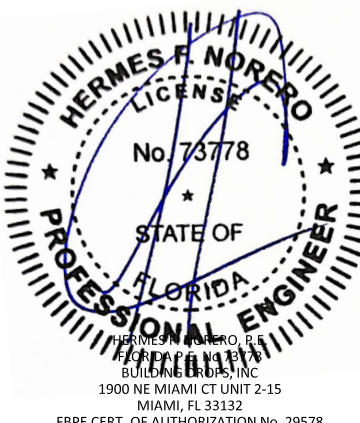
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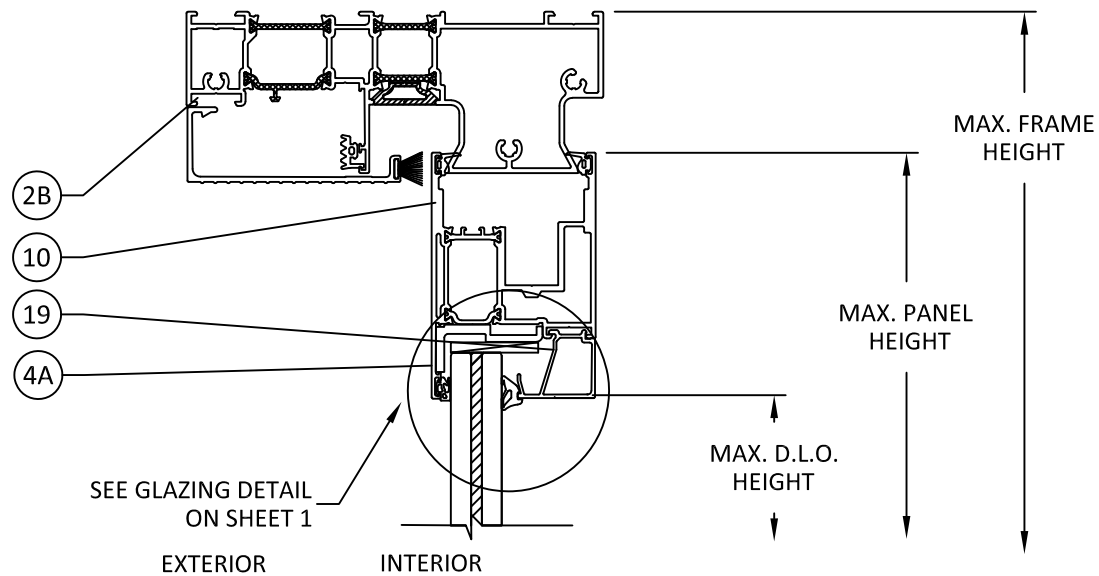
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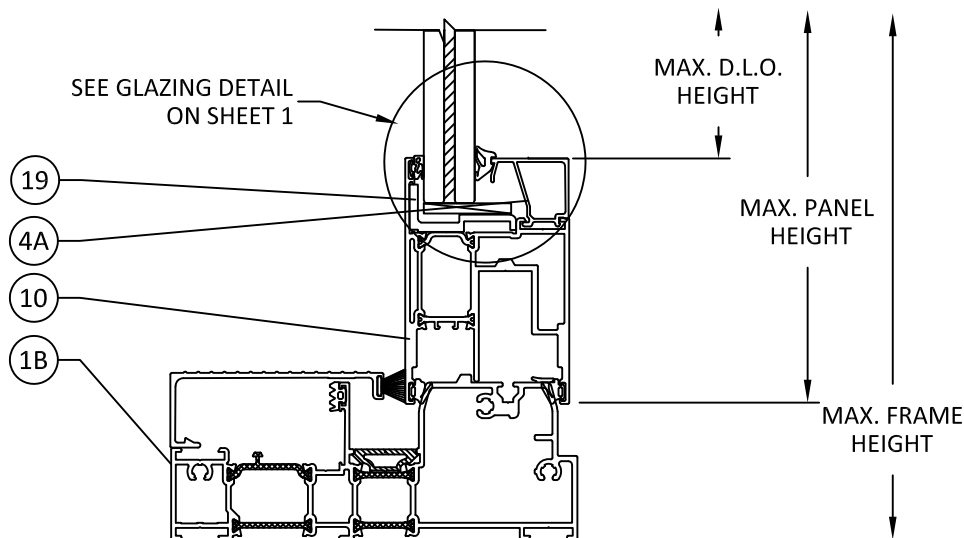


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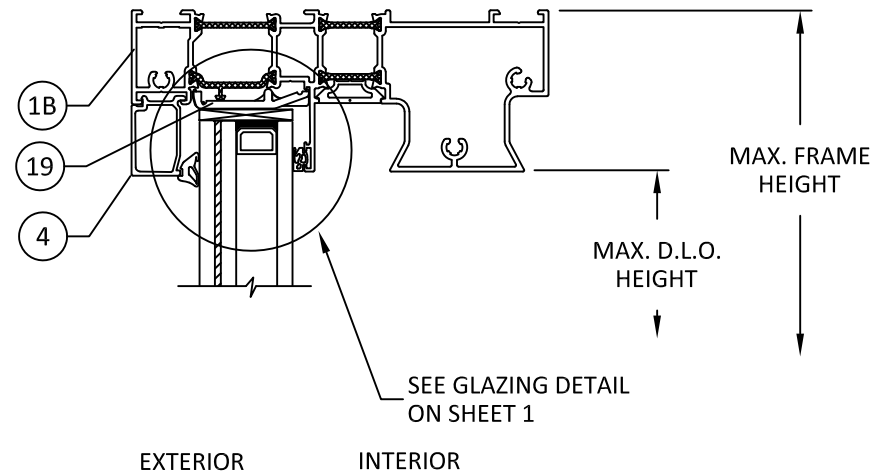
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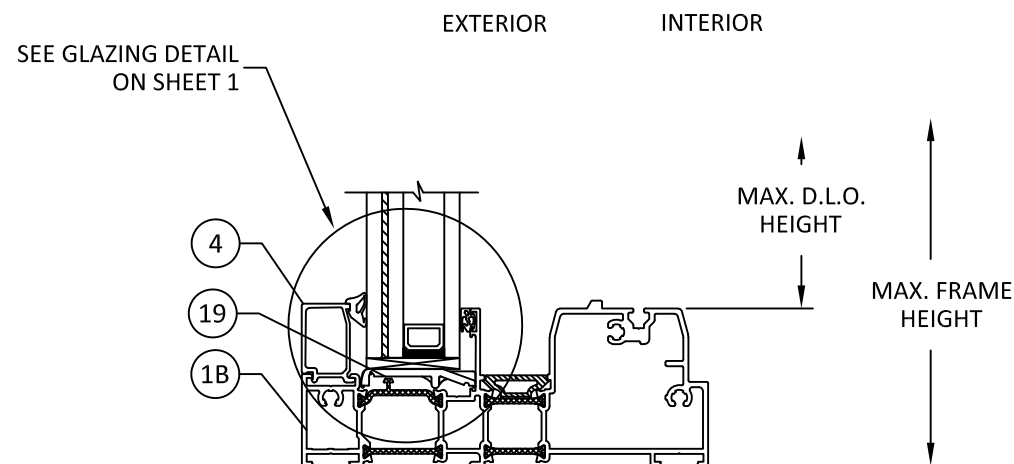
A
8
VERTICAL SECTION
TYP. HEAD DETAIL
EXTERIOR INTERIOR



C
8
VERTICAL SECTION
TYP. SILL DETAIL



B
8
VERTICAL SECTION
TYP. HEAD DETAIL
EXTERIOR INTERIOR



D
8
VERTICAL SECTION
TYP. SILL DETAIL
EXTERIOR INTERIOR



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VERTICAL SECTIONS

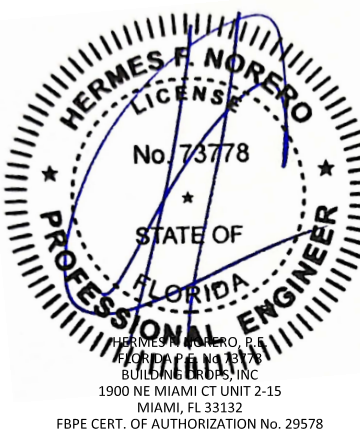
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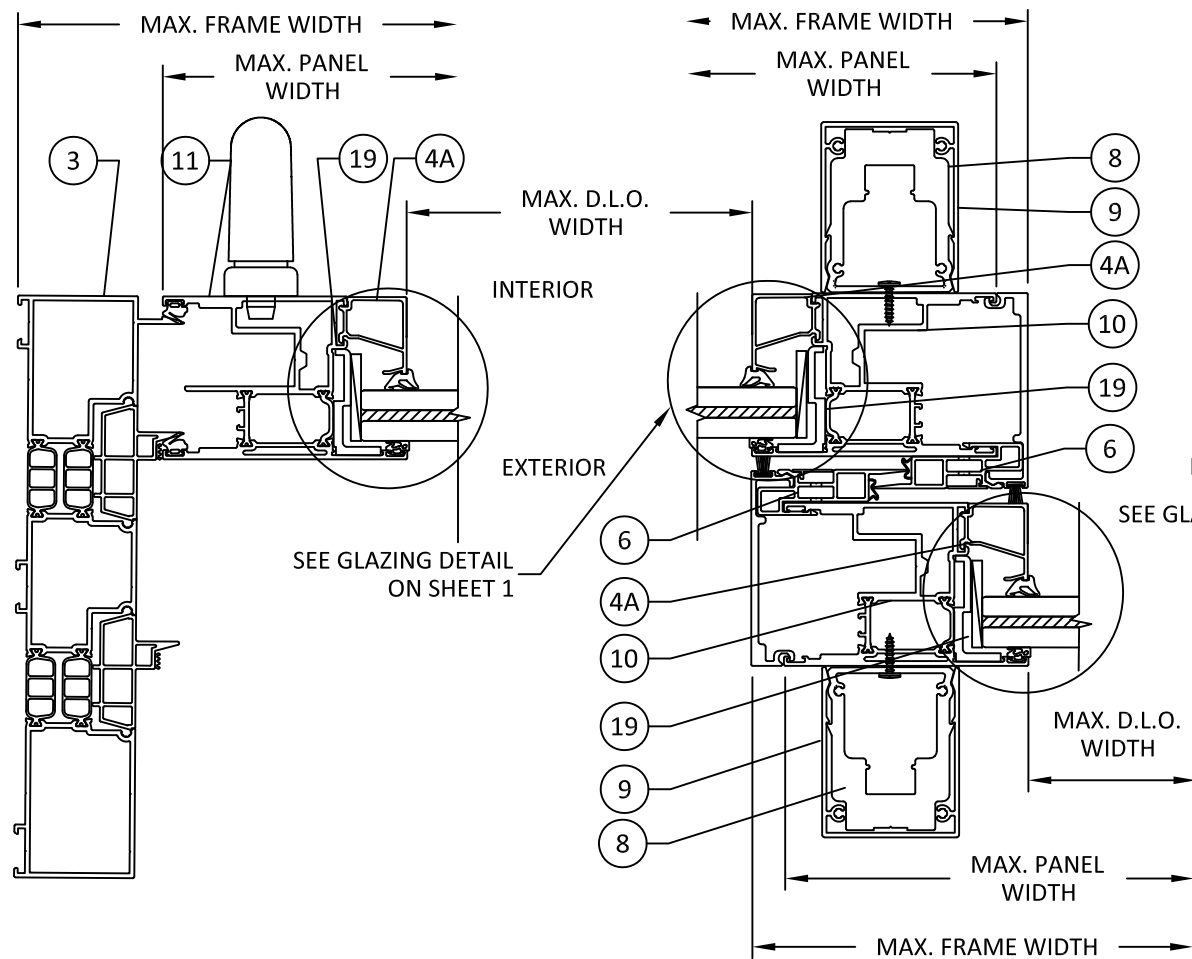
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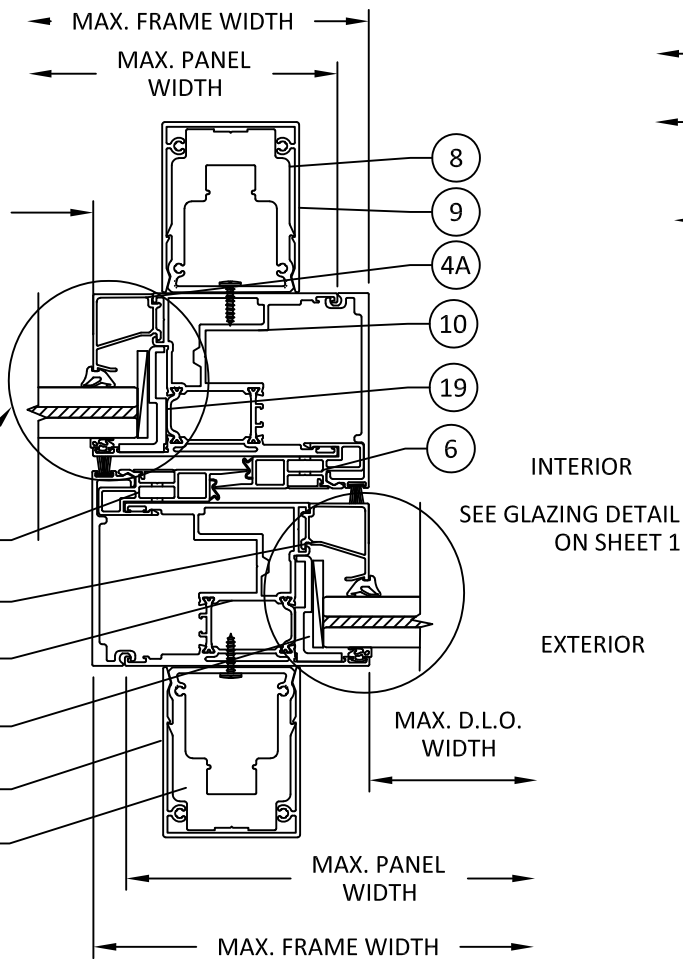


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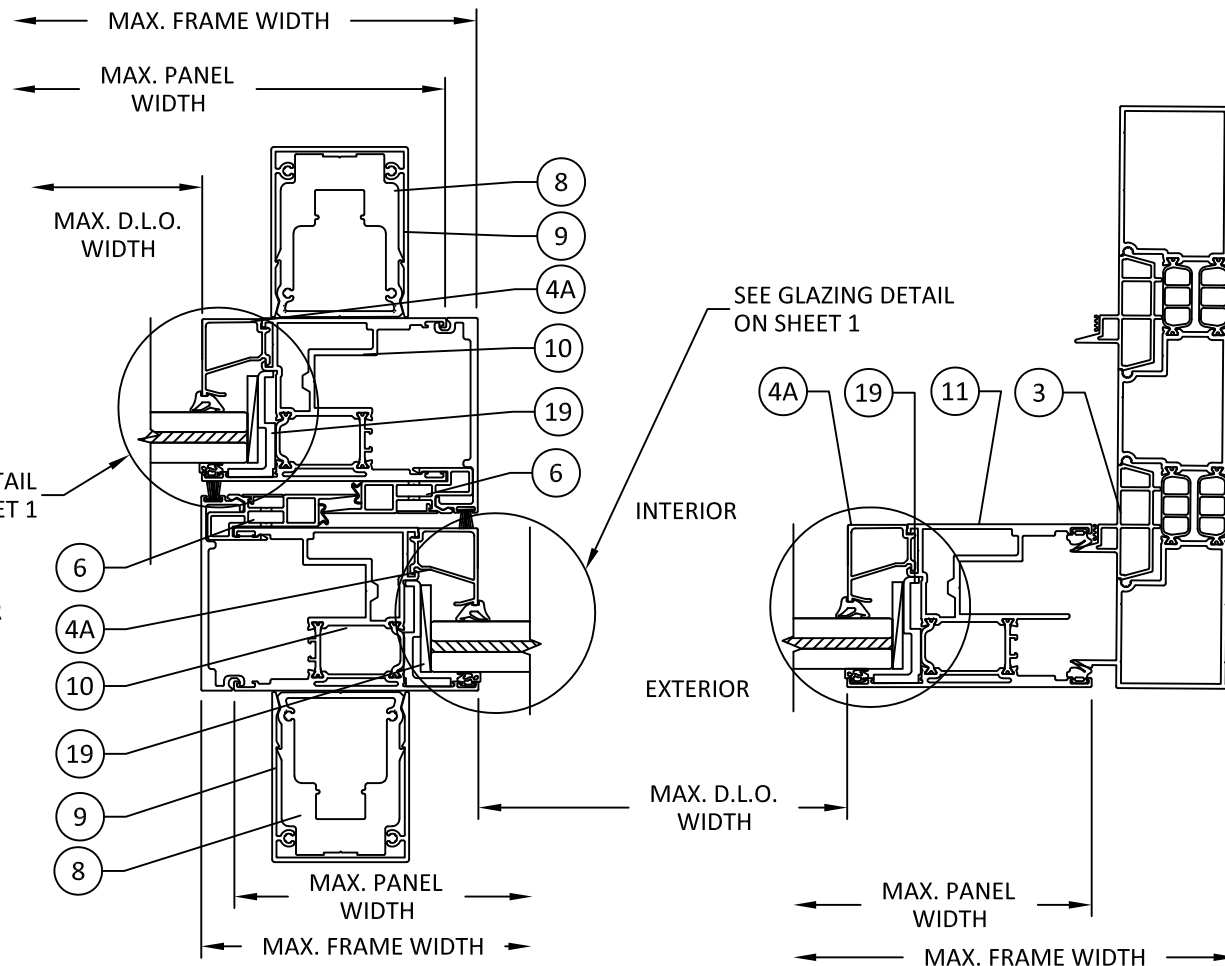
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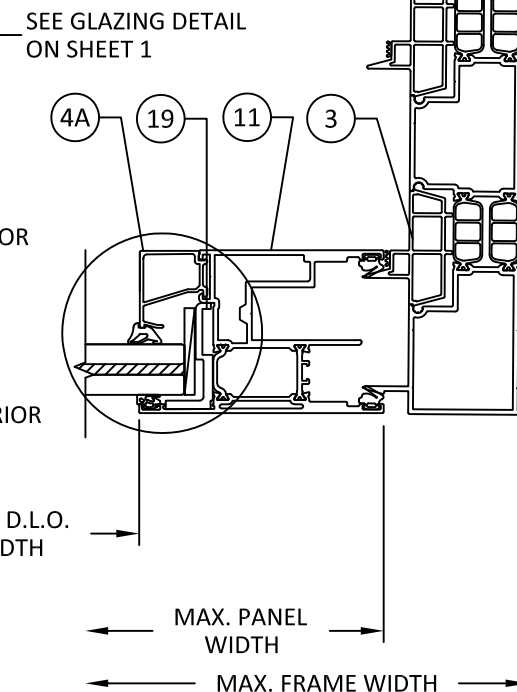
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9 HORIZONTAL SECTION
TYP. JAMB DETAIL



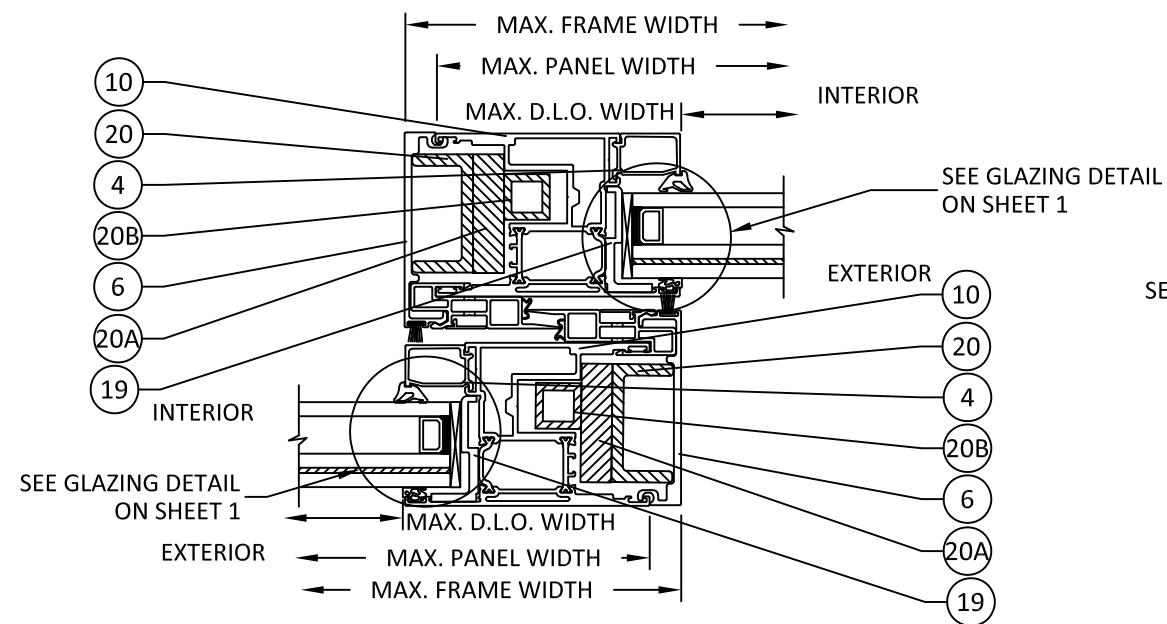
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9 HORIZONTAL SECTION
TYP. INTERLOCK DETAIL



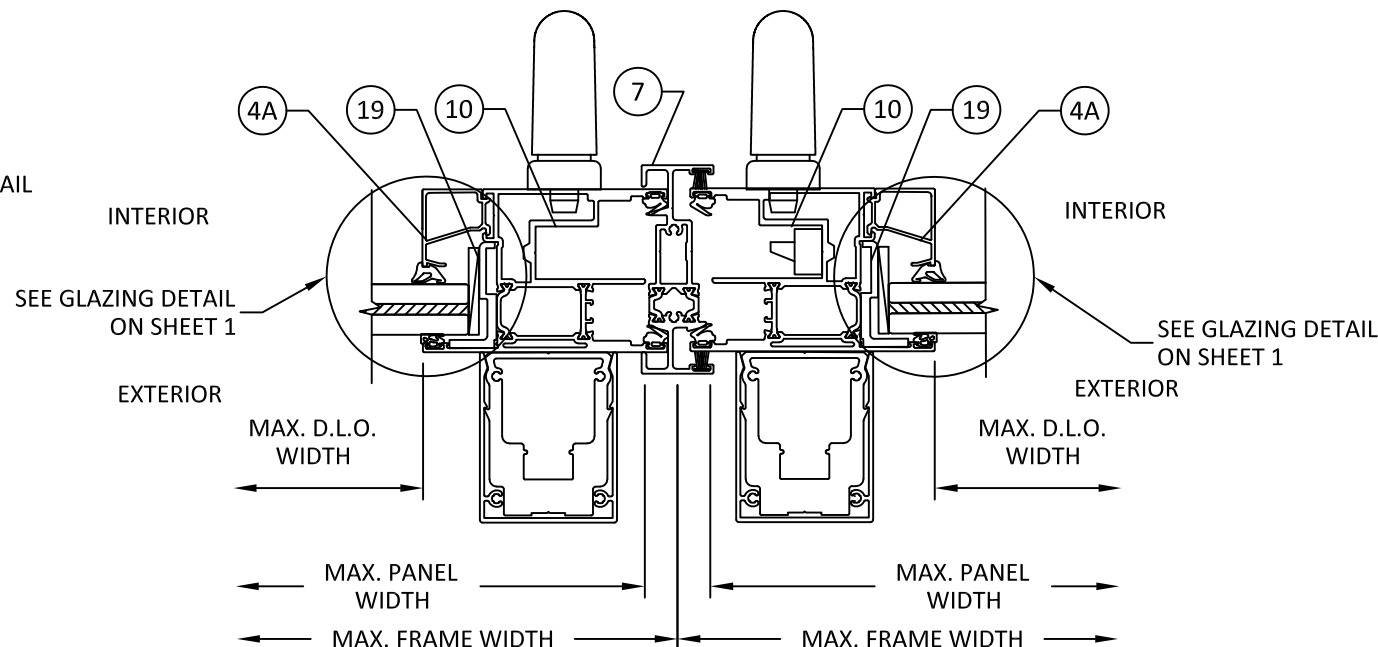
C
9 HORIZONTAL SECTION
TYP. INTERLOCK DETAIL



D
9 HORIZONTAL SECTION
TYP. JAMB DETAIL



E
9 HORIZONTAL SECTION
ALT. INTERLOCK REINF. DETAIL



F
9 HORIZONTAL SECTION
TYP. ASTRAGAL DETAIL



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PL 64-100 LESZNO, POLAND
TEL.: +48 65 525 42 90 FAX: +48 65 525 42 91

TITLE: CP155 LIFT AND SLIDE DOOR (HVHZ)/(IMPACT)

HORIZONTAL SECTION

PREPARED BY: BUILDING DROPS, INC.

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MIAMI, FL 33132
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WEB: www.buildingdrops.com



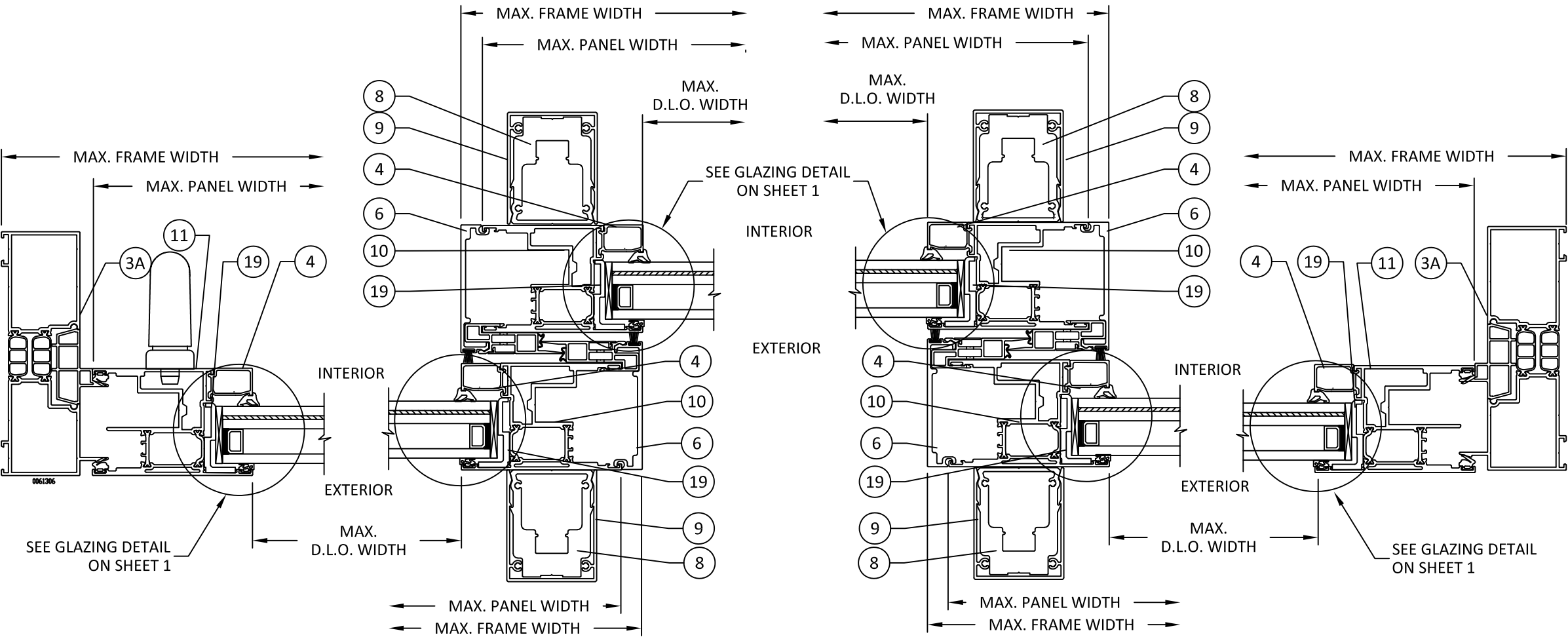
REMARKS	BY	DATE

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DWG. #:	AWX001
SHEET:	9

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A
10 HORIZONTAL SECTION
TYP. JAMB DETAIL

B
10 HORIZONTAL SECTION
TYP. INTERLOCK DETAIL

C
10 HORIZONTAL SECTION
TYP. INTERLOCK DETAIL

D
10 HORIZONTAL SECTION
TYP. JAMB DETAIL



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TITLE: CP155 LIFT AND SLIDE DOOR
(HVHZ)/(IMPACT)

HORIZONTAL SECTION

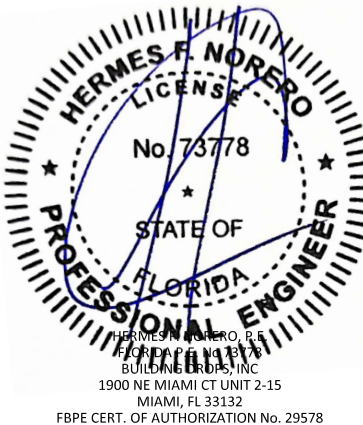
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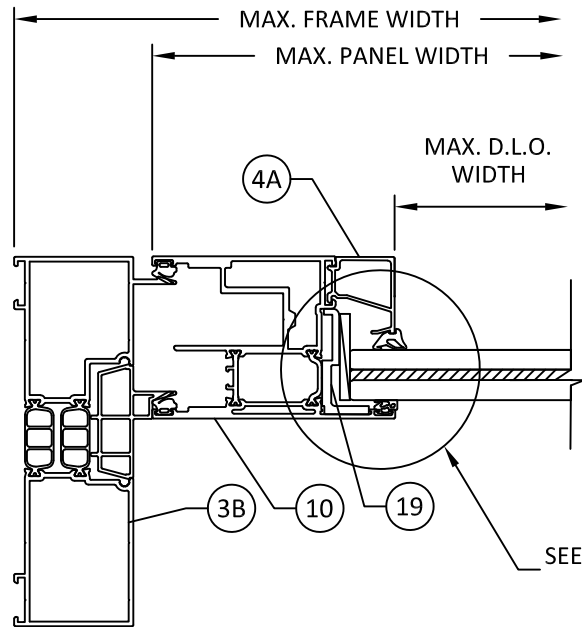
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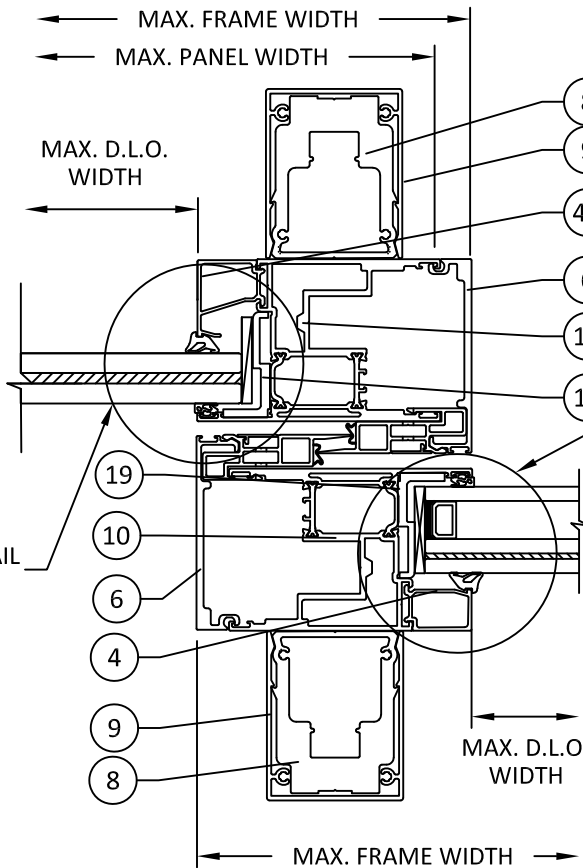


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SCALE:	NTS
DWG. #:	AWX001
SHEET:	10

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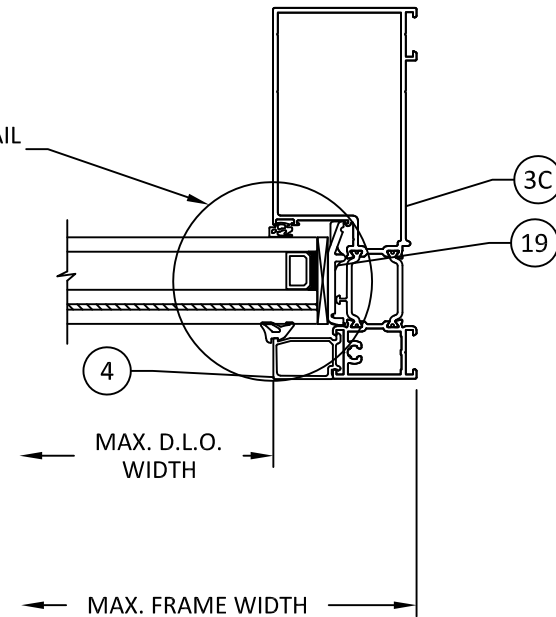
A
11 HORIZONTAL SECTION
TYP. JAMB DETAIL



B
11 HORIZONTAL SECTION
TYP. INTERLOCK DETAIL

SEE GLAZING DETAIL
ON SHEET 1
INTERIOR

EXTERIOR



C
11 HORIZONTAL SECTION
TYP. JAMB DETAIL



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TITLE:
CP155 LIFT AND SLIDE DOOR
(HVHZ)/(IMPACT)

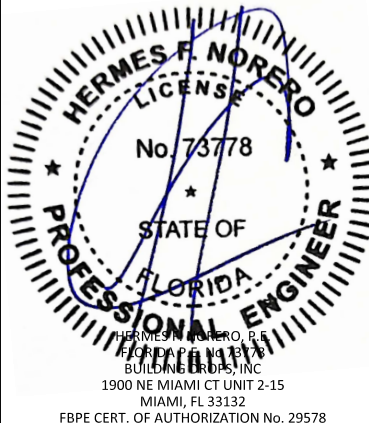
HORIZONTAL SECTION

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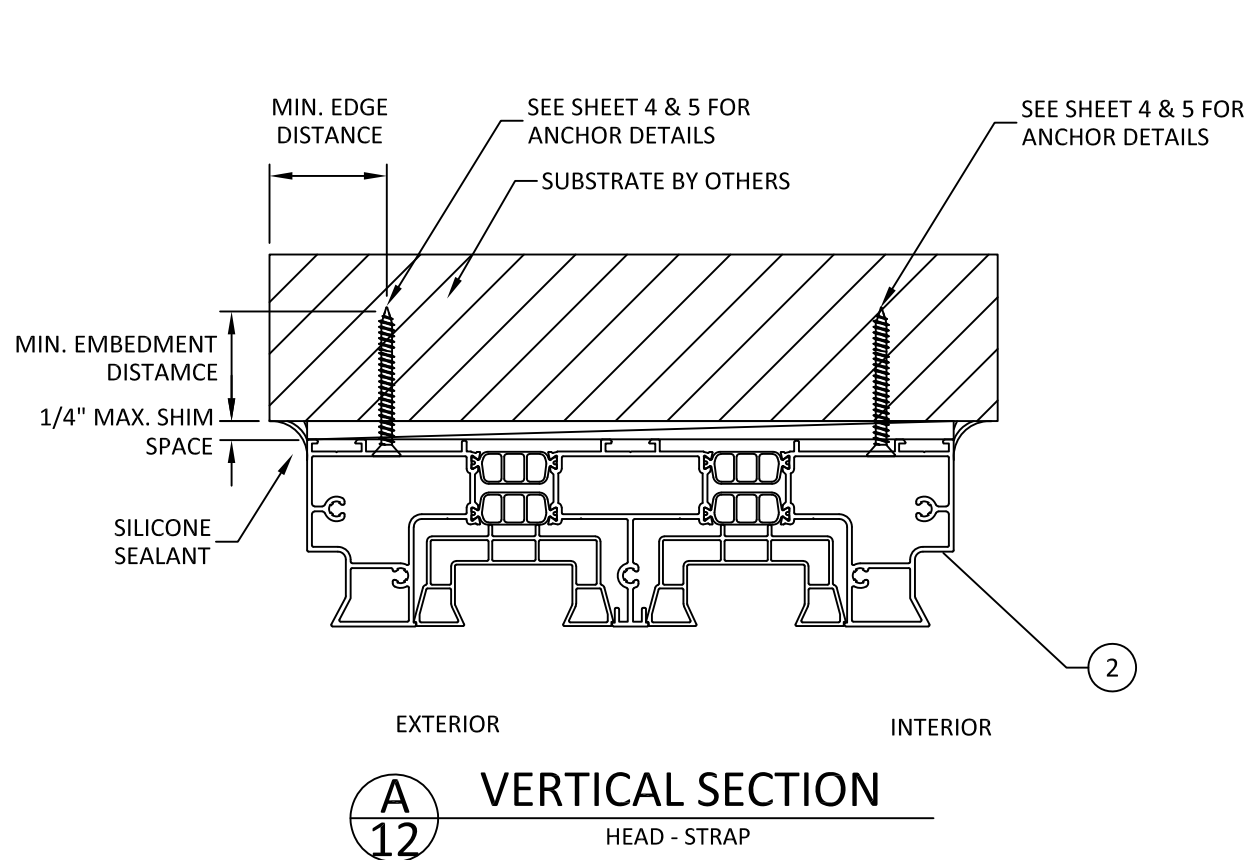
REMARKS	BY	DATE

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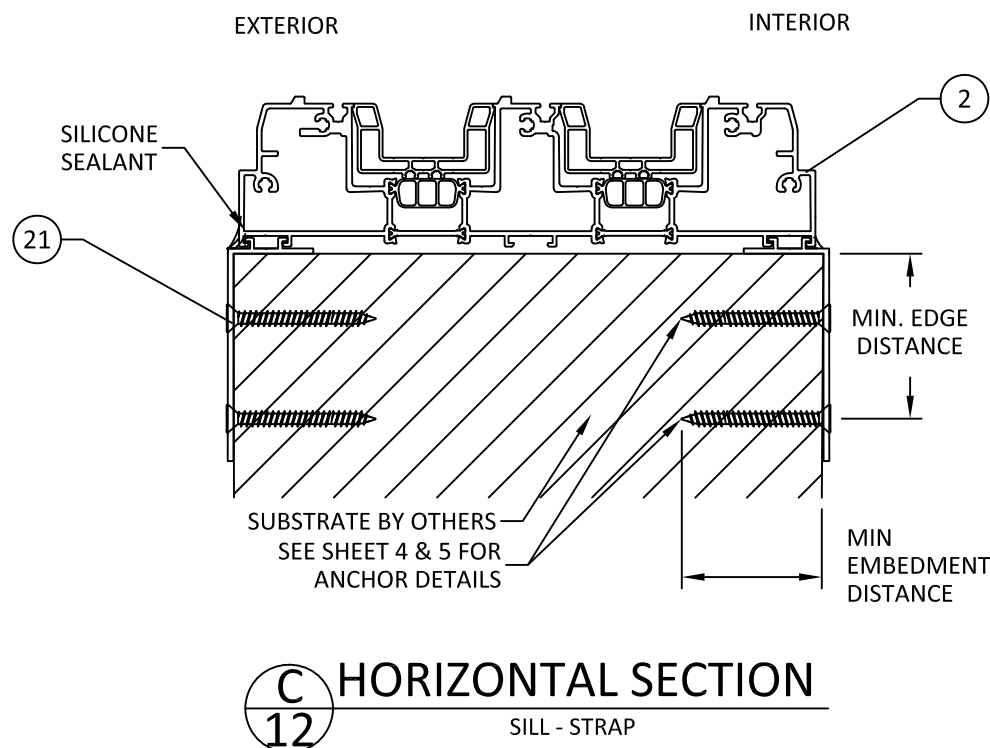
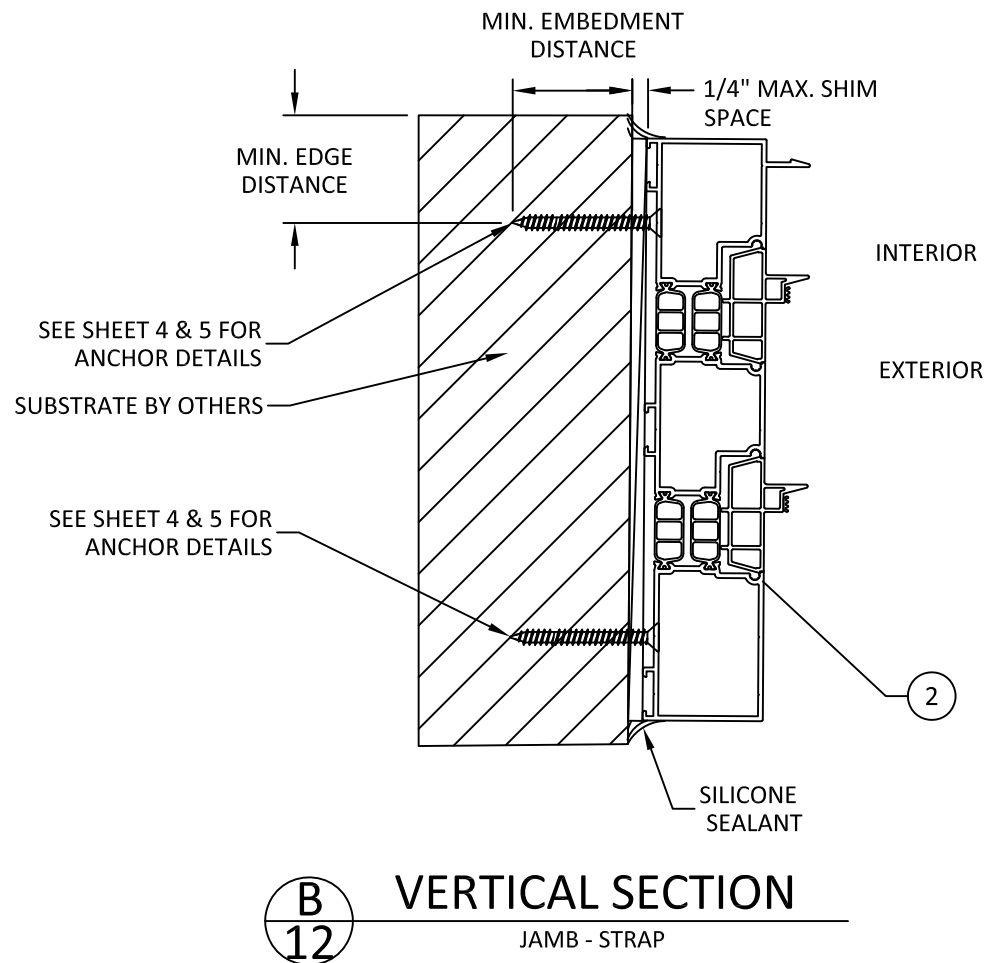
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DWG. #:	AWX001
SHEET:	11

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INSTALLATION NOTES:

- ONE (1) INSTALLATION ANCHOR IS REQUIRED AT EACH ANCHOR LOCATION SHOWN, UNLESS OTHERWISE STATED ON SHEET 3.
- INSTALL INDIVIDUAL INSTALLATION ANCHORS WITHIN A TOLERANCE OF ± 1.000 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 1/4 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.



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TITLE: CP155 LIFT AND SLIDE DOOR
(HVHZ)(IMPACT)

ANCHOR DETAILS &
INSTALLATION NOTES

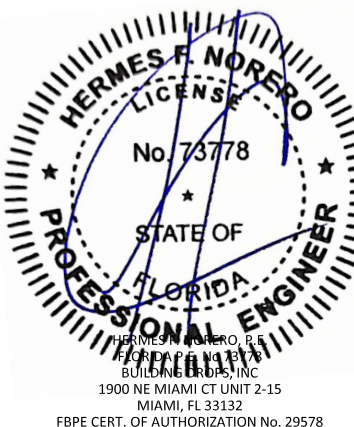
PREPARED BY: BUILDING DROPS, INC.

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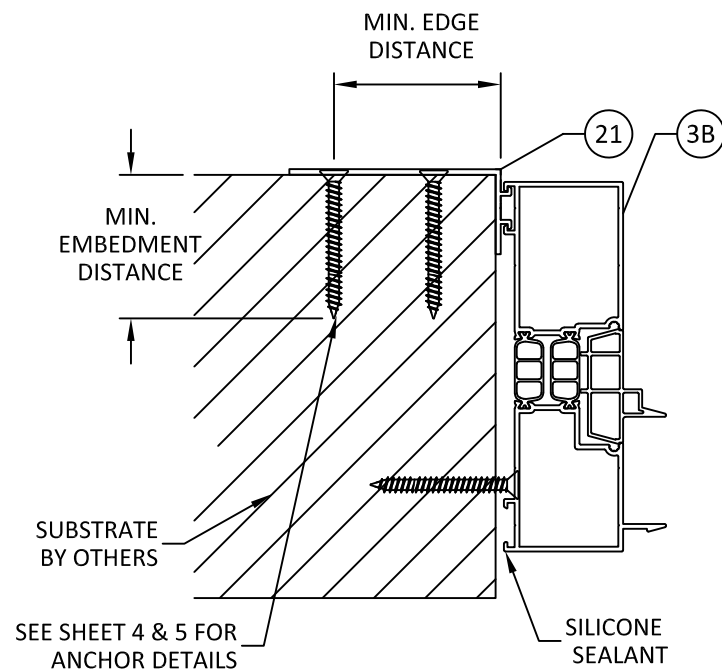
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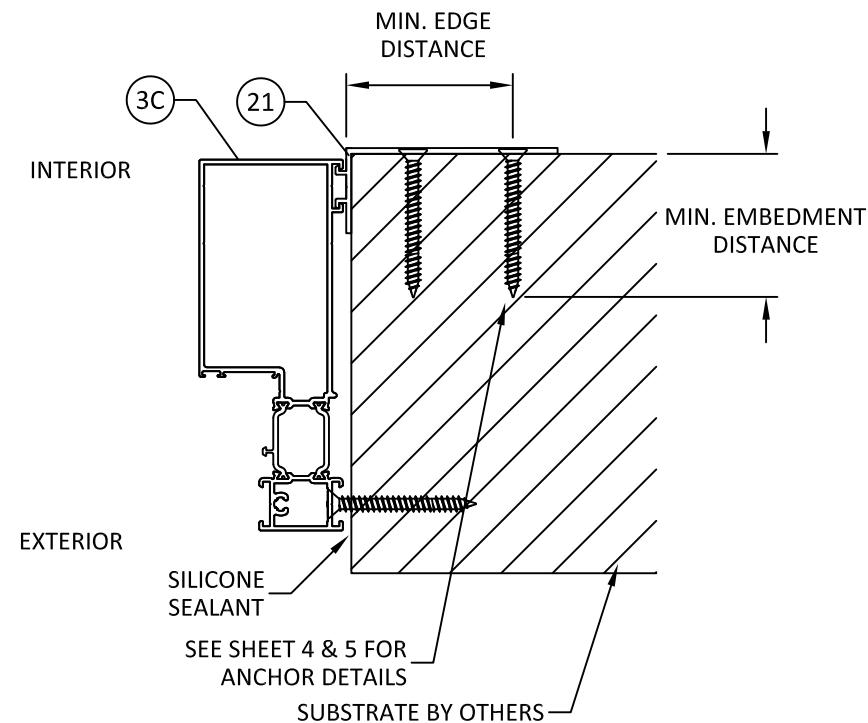


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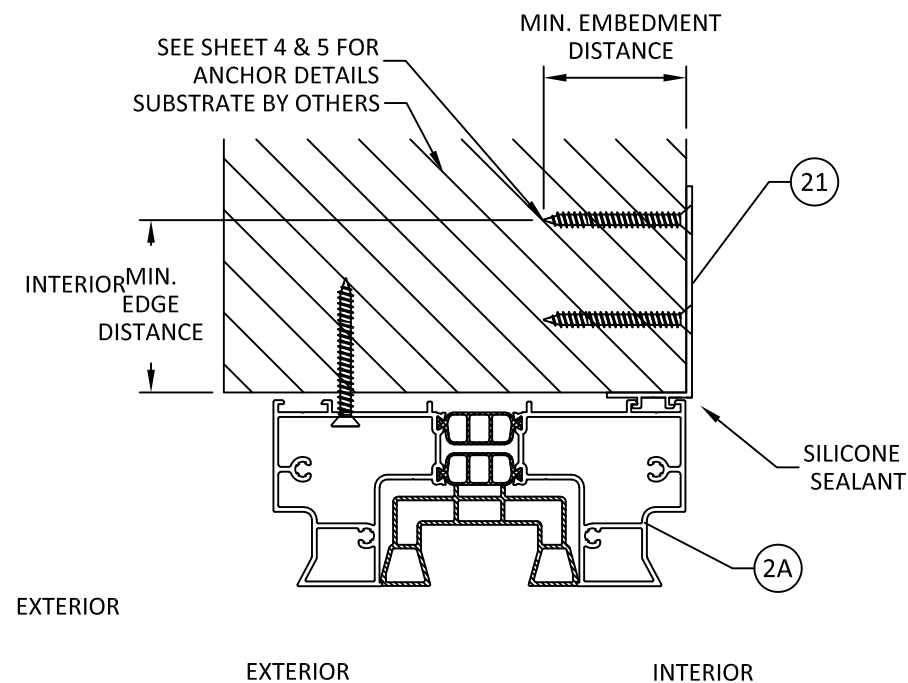
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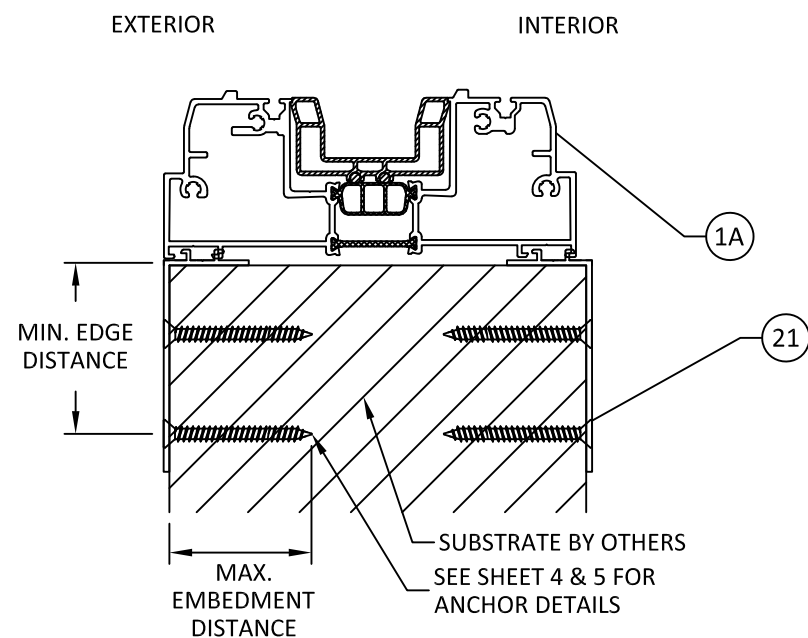
A
13 HORIZONTAL SECTION
JAMB - STRAP



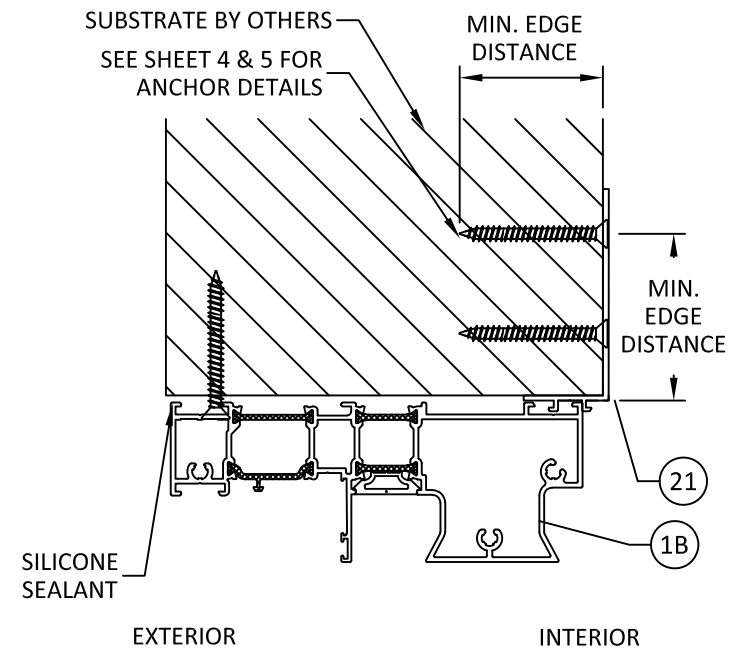
C
13 HORIZONTAL SECTION
JAMB - STRAP



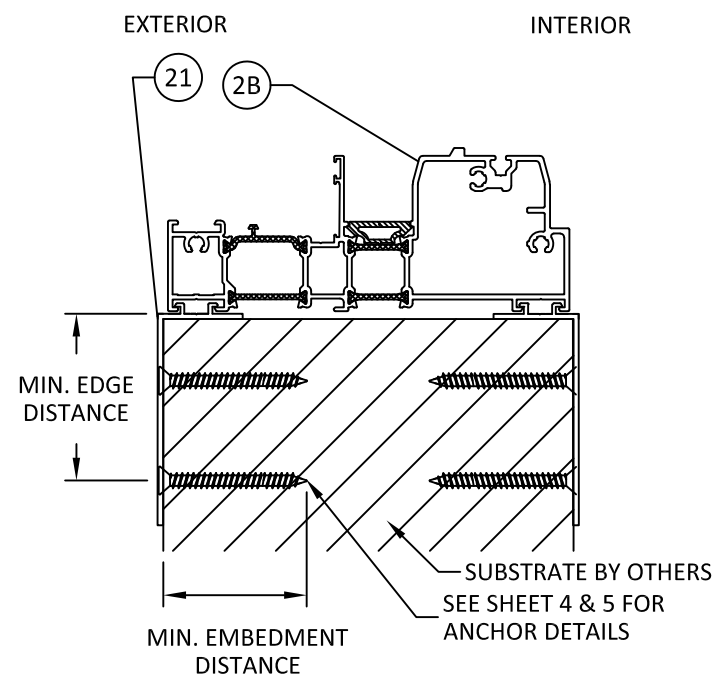
B
13 HORIZONTAL SECTION
HEAD - STRAP



C
13 HORIZONTAL SECTION
SILL - STRAP



B
13 HORIZONTAL SECTION
HEAD - STRAP



D
13 HORIZONTAL SECTION
SILL - STRAP



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TITLE: CP155 LIFT AND SLIDE DOOR
(HVHZ)/(IMPACT)

ANCHOR DETAILS

PREPARED BY: BUILDING DROPS, INC.

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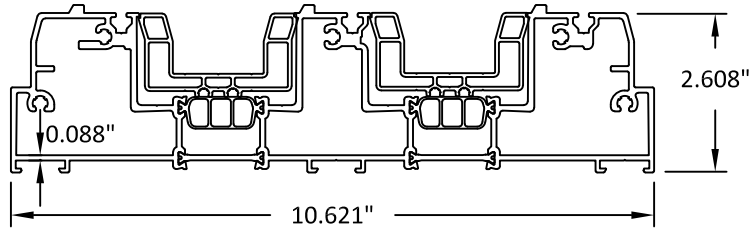


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SHEET:	13

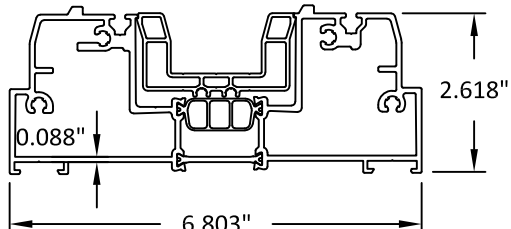
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CP155 LIFT AND SLIDE - BILL OF MATERIALS

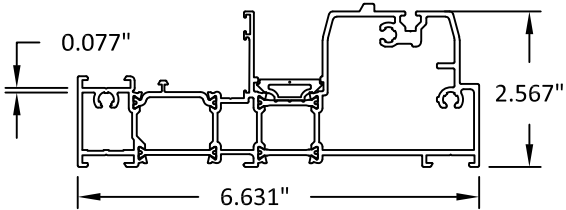
ITEM	PART NO.	QUANTITY	DESCRIPTION	MATERIAL	MANF./SUPPLIER/REMARKS
1	006.1400	1	3 TRACK SILL FRAME	6060-T66	REYNAERS ALUMINUM
1A	006.1308	1	2 TRACK SILL FRAME	6060-T66	REYNAERS ALUMINUM
1B	006.0310	1	MONO TRACK SILL FRAME	6060-T66	REYNAERS ALUMINUM
2	006.1402	1	3 TRACK HEAD FRAME	6060-T66	REYNAERS ALUMINUM
2A	006.1302	1	2 TRACK HEAD FRAME	6060-T66	REYNAERS ALUMINUM
2B	006.0312	1	MONO TRACK HEAD FRAME	6060-T66	REYNAERS ALUMINUM
3	006.1404	1 OR 2	3 TRACK JAMB FRAME	6060-T66	REYNAERS ALUMINUM
3A	006.1304	1 OR 2	2 TRACK JAMB FRAME	6060-T66	REYNAERS ALUMINUM
3B	006.1304	1 OR 2	MONO MOV. JAMB FRAME	6060-T66	REYNAERS ALUMINUM
3C	006.0316	1 OR 2	MONO FIXED JAMB FRAME	6060-T66	REYNAERS ALUMINUM
4	030.3656	AS REQD.	GLAZING BEAD	6060-T66	REYNAERS ALUMINUM
4A	030.3649	AS REQD.	GLAZING BEAD	6060-T66	REYNAERS ALUMINUM
5	006.0330	AS REQD.	FRAME COVER	6060-T66	REYNAERS ALUMINUM
6	006.1345	AS REQD.	PANEL INTERLOCK	6060-T66	REYNAERS ALUMINUM
7	006.0345	AS REQD.	ASTRAGAL	6060-T66	REYNAERS ALUMINUM
8	030.1095	AS REQD.	STILE REINF.	6060-T66	REYNAERS ALUMINUM
9	030.3096	AS REQD.	STILE REINF. COVER	6060-T66	REYNAERS ALUMINUM
10	006.2341	AS REQD.	PANEL RAIL/ STILE	6060-T66	REYNAERS ALUMINUM
11	006.2345	AS REQD.	MOV. BOTTOM RAIL/LOCK STILE	6060-T66	REYNAERS ALUMINUM
12	080.9114	AS REQD.	EXTERIOR GLAZING GASKET	EPDM	DUROMETER 70+/- 5 (SHORE A)
12A	080.9126/8	AS REQD.	INTERIOR GLAZING GASKET	EPDM	DUROMETER 70+/- 5 (SHORE A)
13	080.9416	AS REQD.	FLAP W' STRIPPING	EPDM	DUROMETER 70+/- 5 (SHORE A)
14	081.9130	AS REQD.	PILE W' STRIPPING	WOOLPILE	-
15	062.7867+062.7903	2 / PANEL	ROLLER ASSEMBLY	-	SIEGENNIA
16	062.6940	AS REQD.	PANEL LOCK	-	SIEGENNIA
17	062.8017	AS REQD.	PILE PADS	WOOLPILE	-
18	069.8704/5	2 / LITE	SETTING BLOCK (3" FROM ENDS)	EPDM	DUROMETER 80+/- 5 (SHORE A)
19	062.6750	2 / LITE	GLAZING SUPPORT	6060-T66	REYNAERS ALUMINUM
20	-	AS REQD.	CHANNEL REINFORCEMENT	STEEL	2" x 1" x 3/16"
20A	-	AS REQD.	BAR REINFORCEMENT	STEEL	2" x 1/2"
20B	-	AS REQD.	TUBE REINFORCEMENT	STEEL	3/4" x 3/4"
21	056.6016	AS REQD.	INSTALLATION STRAP	GALV. STEEL	MS DECOUPE



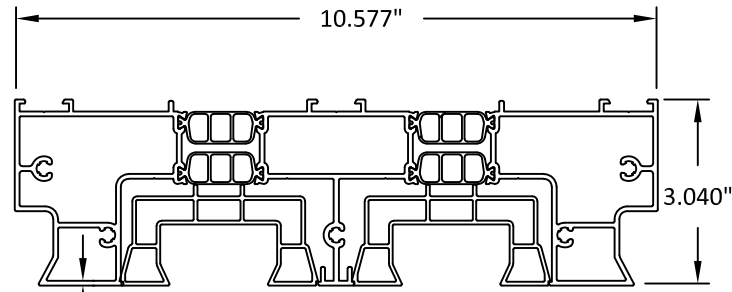
1 3 TRACK FRAME SILL
6060-T66



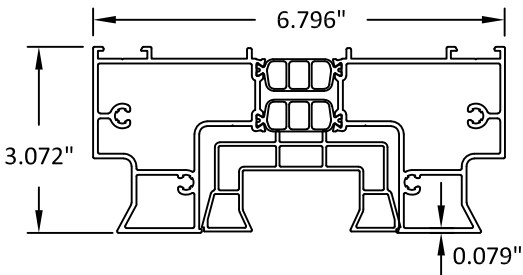
1A 2 TRACK FRAME SILL
6060-T66



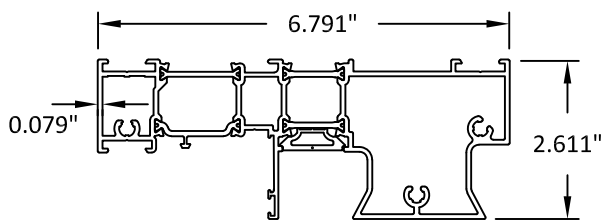
1B MONO FRAME SILL
6060-T66



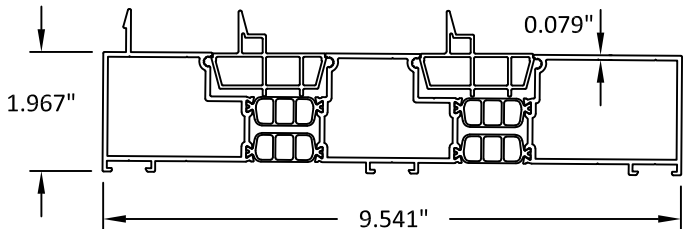
2 3 TRACK FRAME HEAD
6060-T66



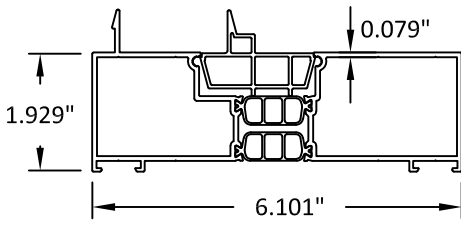
2A 2 TRACK FRAME HEAD
6060-T66



2B MONO FRAME HEAD
6060-T66

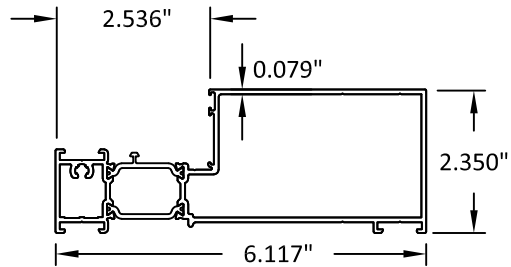


3 3 TRACK JAMB
6060-T66



3A 2 TRACK JAMB
6060-T66

3B MONO MOV. TRACK JAMB
6060-T66



3C MONO FIXED JAMB
6060-T66



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TITLE: CP155 LIFT AND SLIDE DOOR
(HVHZ)/(IMPACT)

COMPONENTS &
BILL OF MATERIALS

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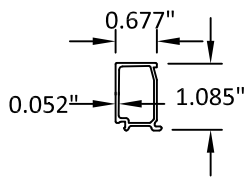
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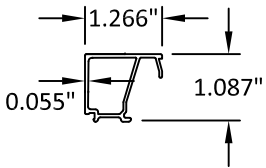


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SCALE:	NTS
DWG. #:	AWX001
SHEET:	14

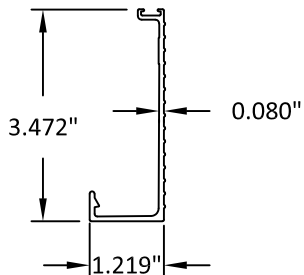
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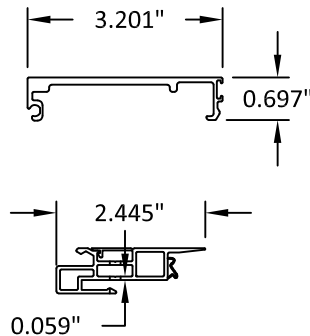
4 GLAZING BEAD
6060-T66



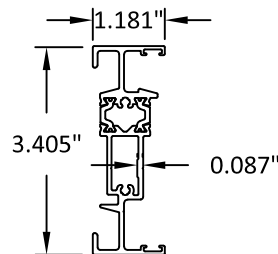
4A GLAZING BEAD
6060-T66



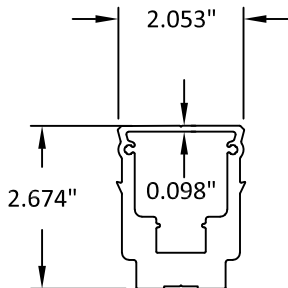
5 FRAME COVER
6060-T66



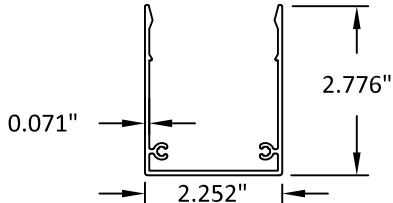
6 INTERLOCK
6060-T66



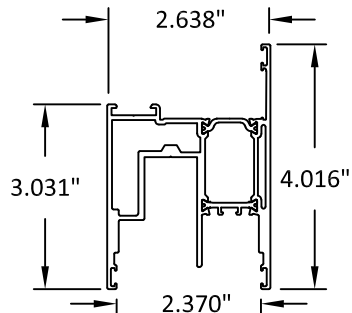
7 ASTRAGAL
6060-T66



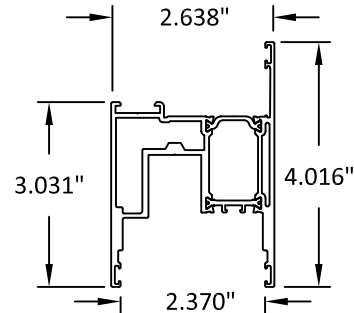
8 STILE REINFORCEMENT
6060-T66



9 STILE REINF. COVER
6060-T66



10 PANEL RAIL/ STILE
6060-T66



11 MOV. PANEL LOCK
6060-T66

LENGTH = PANEL HEIGHT - 3.00"



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TITLE: CP155 LIFT AND SLIDE DOOR
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WEB: www.buildingdrops.com



REMARKS	BY	DATE

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 #:	FL46563
DATE:	02.10.24
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