

KAWNEER COMPANY

FLUSHLINE OUTSWING DOORS

(HVHZ)(IMPACT)

GENERAL NOTES:

- 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:
 - ASTM E1886-19
 - ASTM E1996-20
 - TAS 201-94
 - TAS 202-94
 - TAS 203-94
- 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.
- 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.
- INSTALL INDIVIDUAL INSTALLATION ANCHORS WITHIN A TOLERANCE OF $\pm 1/4$ 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.
- 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 NOT REQUIRED** ON THIS PRODUCT IN AREAS REQUIRING WIND BORNE PROTECTION.
- DOOR FRAME AND DOOR MATERIAL: ALUMINUM (6063-T6).
- GLASS MEETS THE REQUIREMENTS OF ASTM E 1300 GLASS CHARTS. SEE SHEET 1 FOR GLAZING DETAILS.

DESIGN PRESSURE RATING								
DOOR OPENING WIDTH	DOOR OPENING HEIGHT	FRAME TYPE	CONFIG.	LOCK OPTION	GLASS OPTION	DP (+/- PSF)	WIND ZONE RATING	MISSILE LEVEL
84"	90"	IR501	XX	1	1 OR 2	70	4	LARGE AND SMALL IMPACT RATED
				2		70	4	
				3		50	3	
42"	90"	IR501	X	1		70	4	
				2		70	4	
				3		70	3	
				4**		75	4	
84"	90"	TRIFAB 4511T	XX	1		50	3	
				2		50	3	
				3		50	3	
42"	90"	TRIFAB 4511T	X	1		70	4	
				2		70	4	
				3		70	3	
				4**		75	4	

NOTE: THESE DOOR UNITS ARE NOT APPROVED FOR USE WHERE WATER INFILTRATION RESISTANCE IS REQUIRED. UNLESS UNITS ARE INSTALLED ONLY AT LOCATIONS COVERED BY A OVERHANG WHERE THE OVERHANG RATIO IS EQUAL TO OR MORE THAN 1:1 PER FBC.
** ONLY CONTINUOUS GEAR HINGE IS APPLICABLE FOR USE WHEN DP EXCEEDS +/- 70 PSF, SEE SHEET 2 FOR TRANSOM/DOOR SIZES, AND FOR LOCK OPTION DETAILS.

CORNER CONSTRUCTION:

TRANSOM FRAME HEAD CORNER:

VERTICAL FRAME MEMBERS RUN THROUGH WHILE THE HORIZONTAL FRAME MEMBER IS SQUARE CUT, BUTTED, AND MECHANICALLY FASTENED WITH 3 NO. 12 X 1" PHF THROUGH THE VERTICAL MEMBERS INTO THE HORIZONTAL MEMBER SCREW SPLINES. CORNERS ARE SEALED WITH DOW 795 SILICONE SEALANT.

DOOR HEAD FRAME ENDS/CORNER:

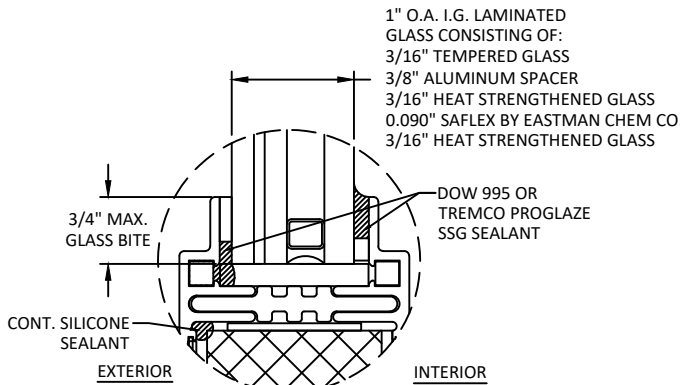
VERTICAL FRAME MEMBERS RUN THROUGH WHILE THE HORIZONTAL DOOR HEAD MEMBER IS SQUARE CUT, BUTTED, AND MECHANICALLY FASTENED TO THE VERTICAL MEMBERS VIA 3 NO. 12 X 1" PHF THROUGH THE VERTICAL MEMBERS INTO THE HORIZONTAL MEMBER SCREW SPLINES AND A SHEAR BLOCK (ITEM #17). THE SHEAR BLOCK IS MECHANICALLY FASTENED TO THE VERTICAL FRAME MEMBER WITH 4 NO. 10 X 1-9/32" PHF SCREWS. CORNERS ARE SEALED WITH DOW 795 SILICONE SEALANT.

FRAME SILL CORNER:

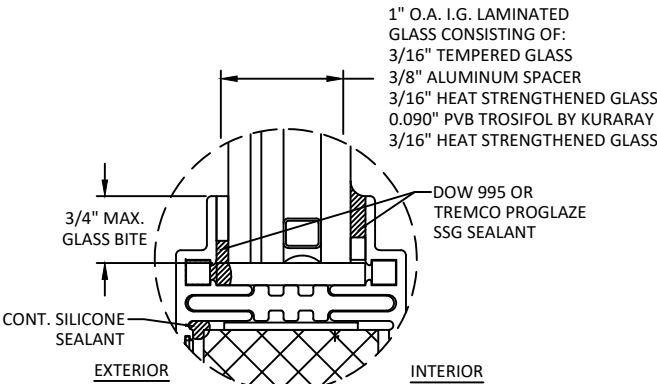
VERTICAL FRAME MEMBERS RUN THROUGH WHILE THE SILL MEMBER IS SQUARE CUT, BUTTED TO THE VERTICAL FRAME MEMBERS, AND SECURED TO EACH FRAME MEMBER WITH AN ANGLE CLIP (ITEM #24). THE ANGLE CLIP IS SCREWED TO THE SILL AND FRAME MEMBERS WITH NO. 12-24 X 3/8" FHMS SCREWS (2 AT SILL; 3 AT FRAME). CORNERS ARE SEALED WITH DOW 795 SILICONE SEALANT.

DOOR PANEL CORNER:

VERTICAL STILES RUN THROUGH AND ARE SECURED TO THE RAILS AT THE TOP AND BOTTOM WITH A WELD CLIP (ITEM #51). EACH WELD CLIP IS FASTENED TO THE STILE AND RAIL WITH TWO (2) 1/4-20 X 3/4" PHMS AND 3/16" THICK STEEL NUT PLATES. THE INTERSECTION OF EACH CORNER JOINT IS WELDED WITH A 1/2" DIA. PLUG WELD AND A 1-1/8" LONG FILLET WELD AT BOTH WEBS OF THE RAIL.



GLAZING DETAIL 1



GLAZING DETAIL 2

TABLE OF CONTENTS

SHEET	SHEET DESCRIPTION
1	GENERAL NOTES AND GLAZING DETAILS
2	ELEVATIONS
3	ANCHOR LAYOUTS
4	VERTICAL SECTIONS
5	VERTICAL SECTIONS
6	HORIZONTAL SECTIONS
7	HORIZONTAL SECTIONS
8	ANCHOR DETAILS
9	ANCHOR DETAILS
10	ANCHOR DETAILS, SCHEDULE AND INSTALLATION NOTES
11	COMPONENTS AND BILL OF MATERIALS
12	COMPONENTS
13	COMPONENTS AND BILL OF MATERIALS

GLAZING NOTES:

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



KAWNEER COMPANY, INC.
555 GUTHRIDGE COURT
NORCROSS, GA 30092
PH: (770) 449 - 5555

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(HVHZ)(IMPACT)

GENERAL NOTES AND
GLAZING DETAILS

PREPARED BY:

BUILDING DROPS, INC.

1900 NE MIAMI CT, SUITE 2-15
MIAMI, FL 33132

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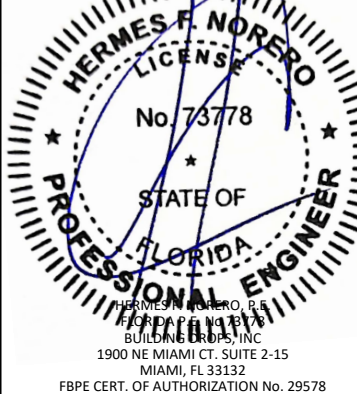
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Digitally signed by Hermes F. Norero, P.E.

Reason: I am approving this document

Date: 2025.10.23 18:09:58 -0500'



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FL47880

DATE: **03.11.2025**

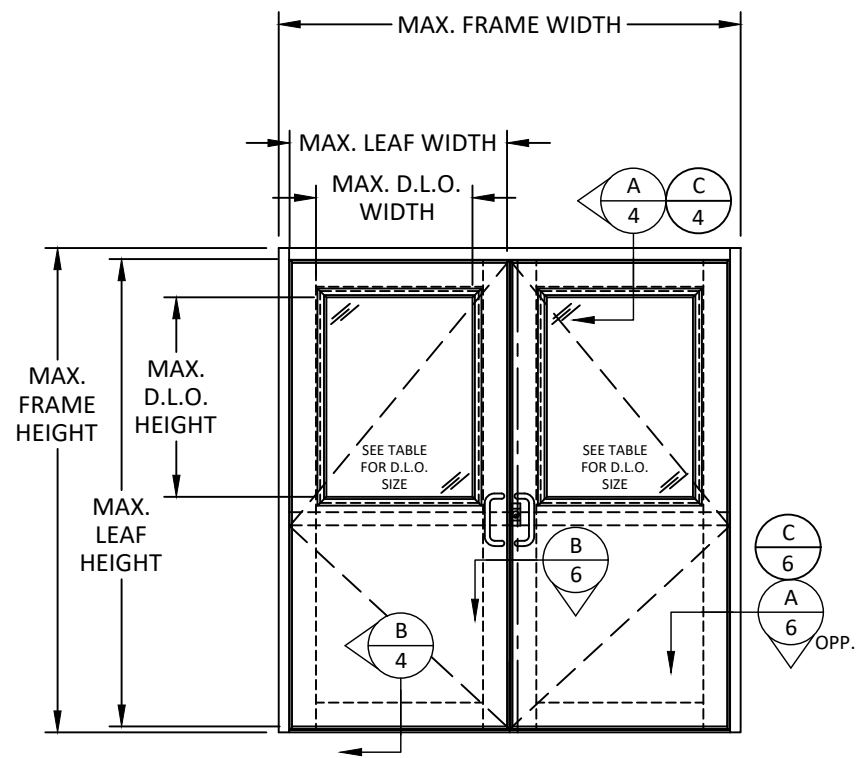
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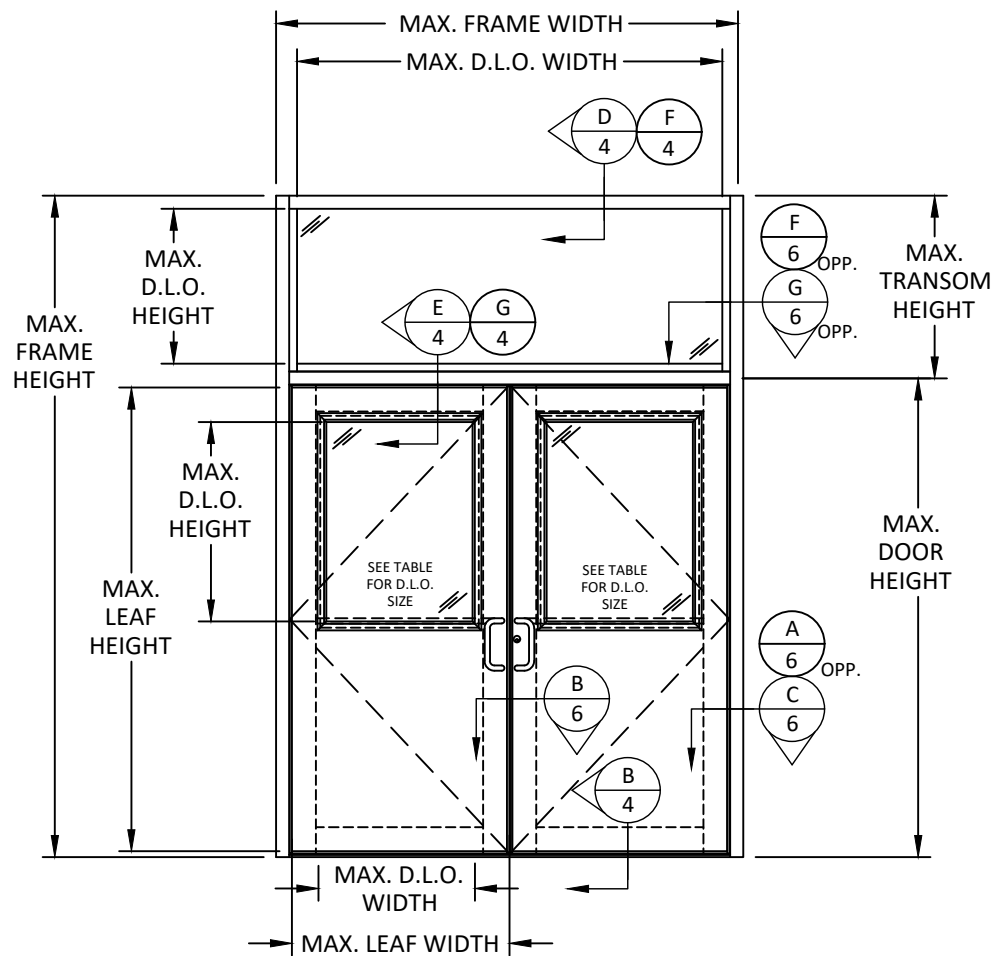
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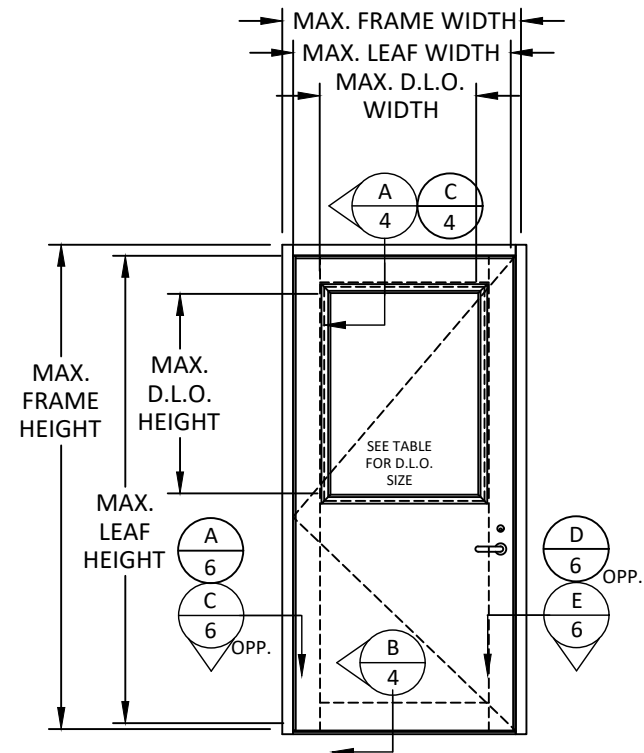
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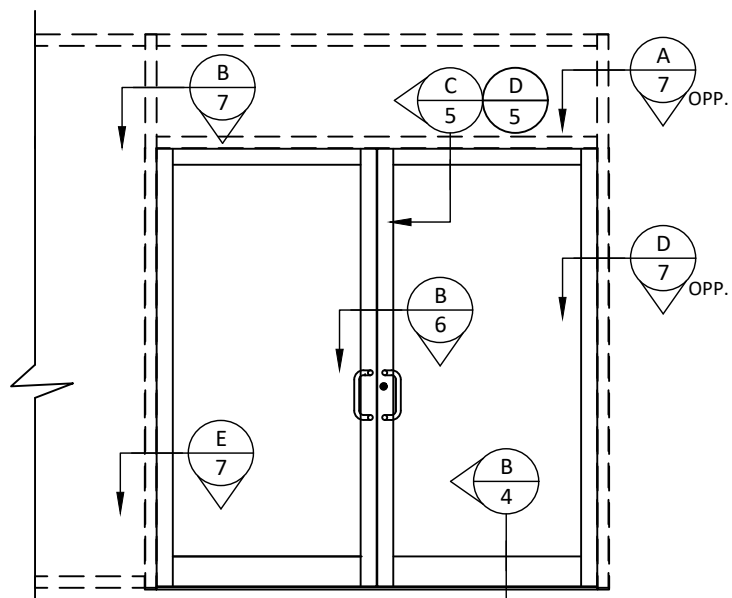
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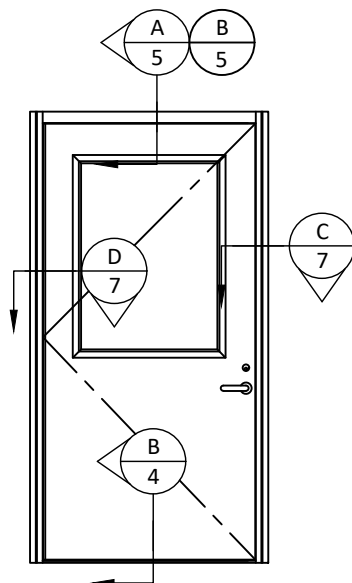
ELEVATION



ELEVATION



ELEVATION
DOORS INSIDE IR-521
STOREFRONT SYSTEM
(UNDER SEPARATE APPROVAL)



ELEVATION
IR-521 FRAME
STOREFRONT SYSTEM
(UNDER SEPARATE APPROVAL)

IR FLUSHLINE OUTSWING DOOR - DOOR LEGEND					
FRAME SERIES	STILE SERIES	DOOR OPENING (D.O.)		D.L.O.	
		WIDTH (W)	HEIGHT (H)	WIDTH (W)	HEIGHT (H)
500/501 FRAME	FLUSHLINE	FW - 5.00"	FH - 2.50"	DIMENSIONS OF THE DOOR PANEL D.L.O. SHALL BE SUCH THAT THE OVERALL D.L.O. AREA DOES NOT EXCEED 7.36 SQ.FT. (1060 SQ.IN)	
521 FRAME		FW - 5.50"	FH - 2.50"		
451 FRAME		FW - 4.00"	FH - 2.00"		
450 FRAME		FW - 3.50"	FH - 1.75"		

FLUSHLINE IMPACT DOOR - LOCK SCHEDULE		
LOCK	INACTIVE	ACTIVE
LOCK 1	INACTIVE DOOR TOP FLUSH BOLT AND DOOR BOTTOM FLUSH BOLT	3-POINT MULTI-POINT ACTIVE DOOR LOCK
LOCK 2	KAWNEER 1686 CONCEALED ROD EXIT/PANIC DEVICE (SINGLE AND DOUBLE DOORS)	KAWNEER 1686 CONCEALED ROD EXIT/PANIC DEVICE
LOCK 3	CORBIN RUSWIN E052005(A) RIM PANIC DEVICE WITH KEYED REMOVABLE MULLION (SINGLE AND DOUBLE DOORS)	CORBIN RUSWIN E052005(A) RIM PANIC DEVICE WITH KEYED REMOVABLE MULLION
LOCK 4	SCHLAGE L9453P MORTISE LOCK (SINGLE DOORS ONLY)	

- NOTE:
- FW = FRAME WIDTH
 - FH = FRAME HEIGHT
 - FOR DOUBLE DOORS DIVIDE D.O.(W) BY TWO FOR D.L.O. WIDTH
- DOOR LEAF CLEARANCE:
- 1/8" CLEARANCE AT HEAD AND JAMBS AND 11/16" CLEARANCE AT SILL
 - 3/32" HINGE & LOCK CLEARANCE AT JAMBS



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ELEVATIONS

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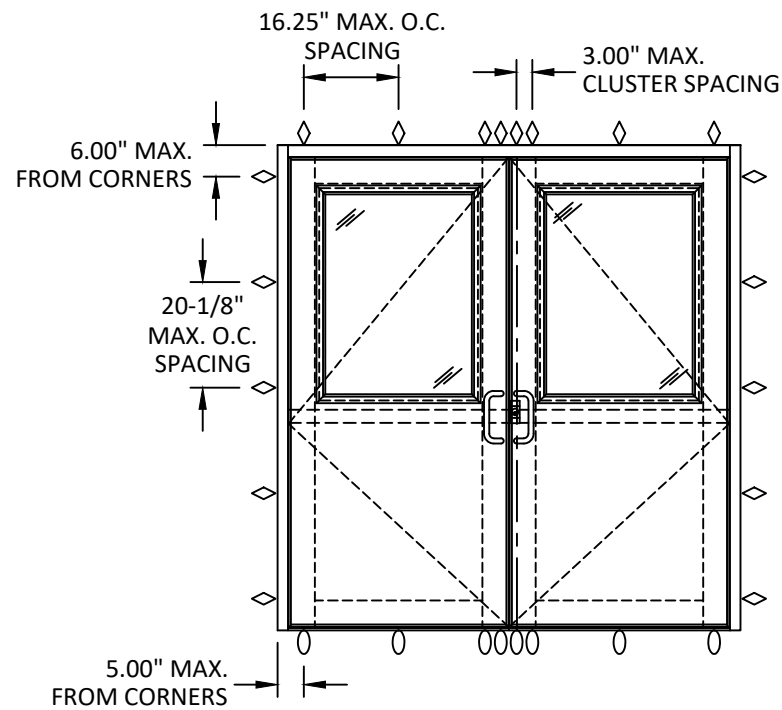
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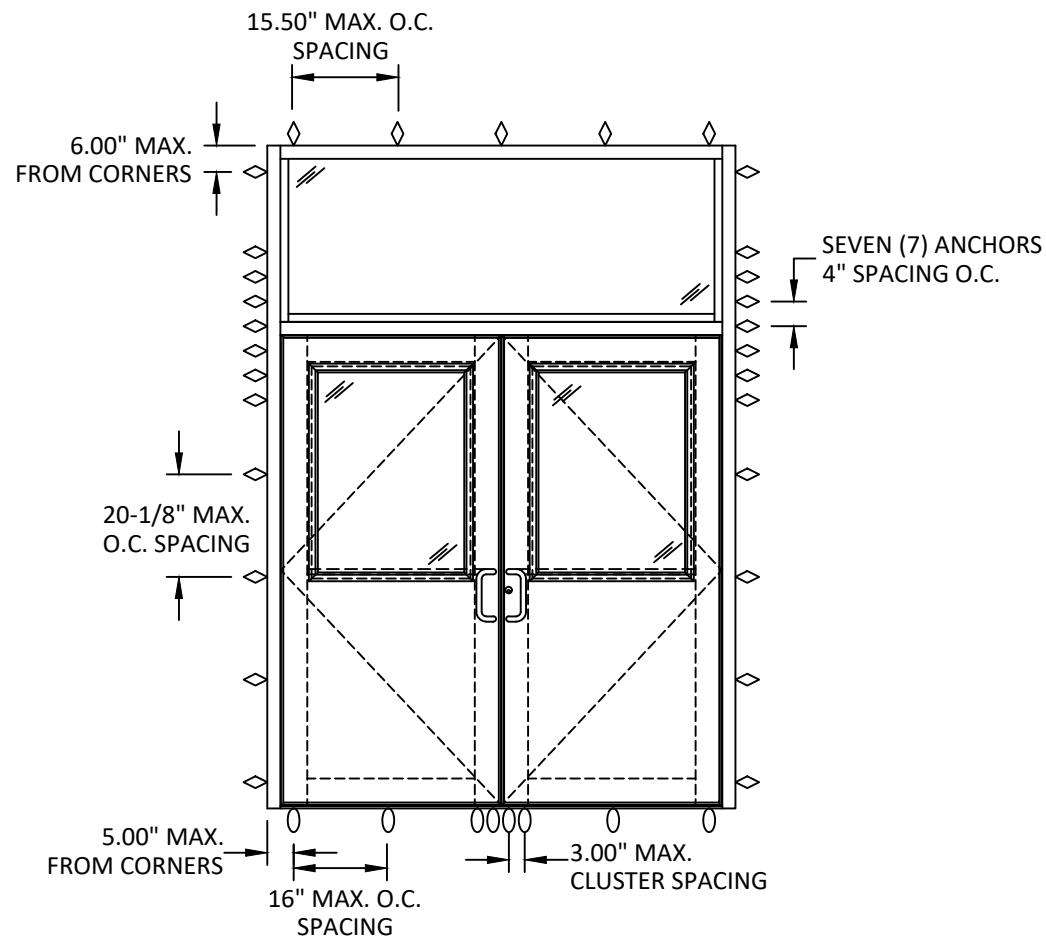
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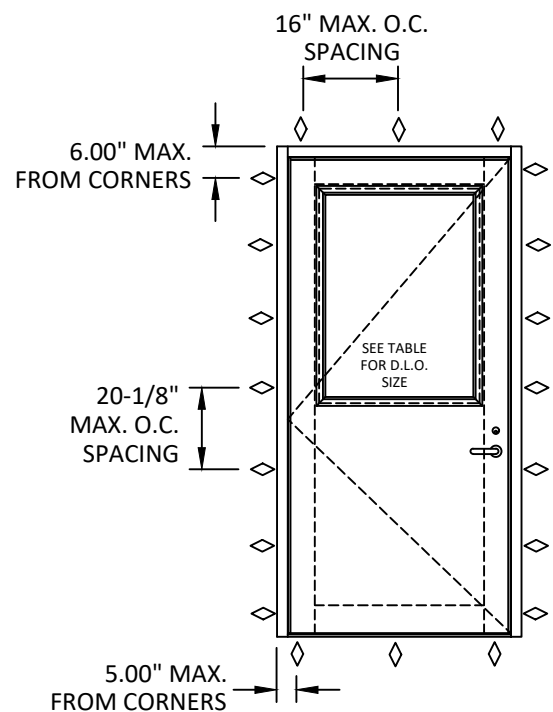
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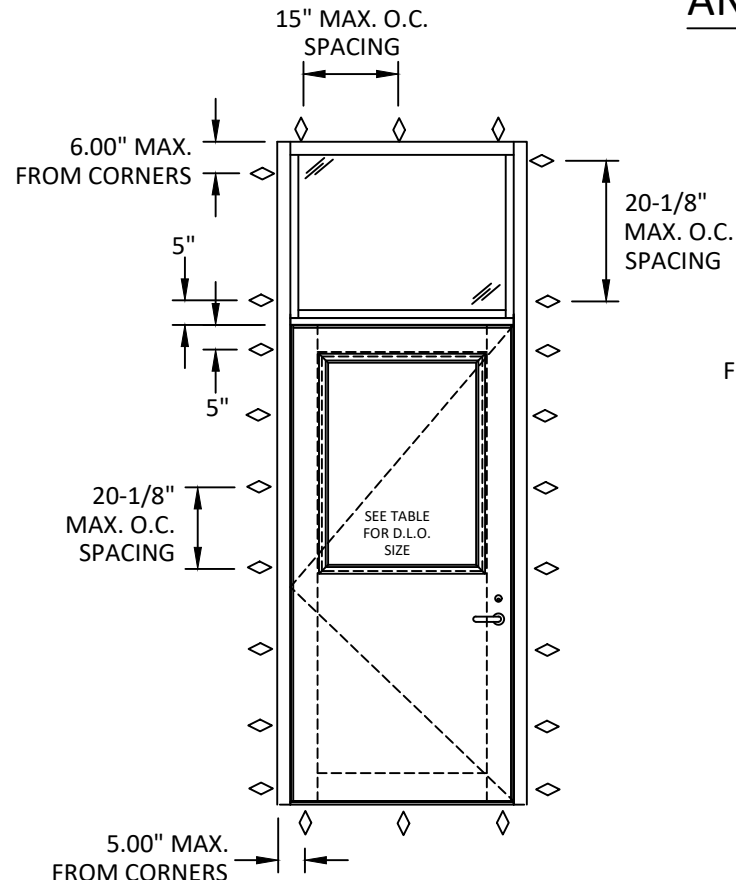
ANCHOR LAYOUT



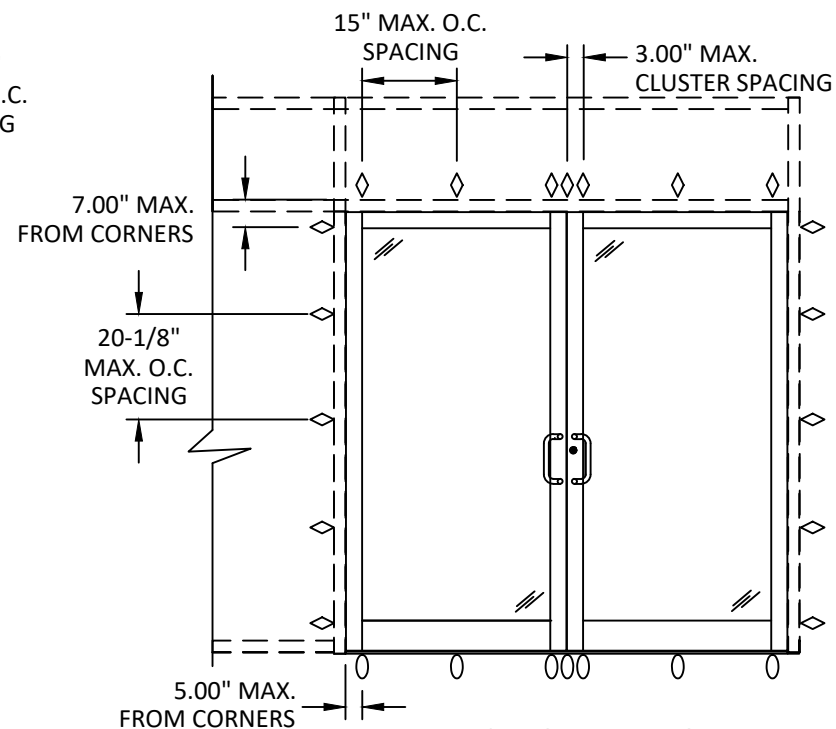
ANCHOR LAYOUT



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ANCHOR LAYOUT
IR-521 STOREFRONT



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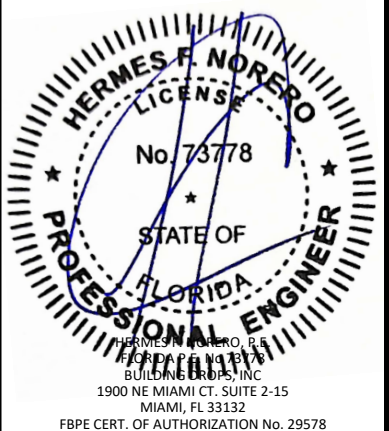
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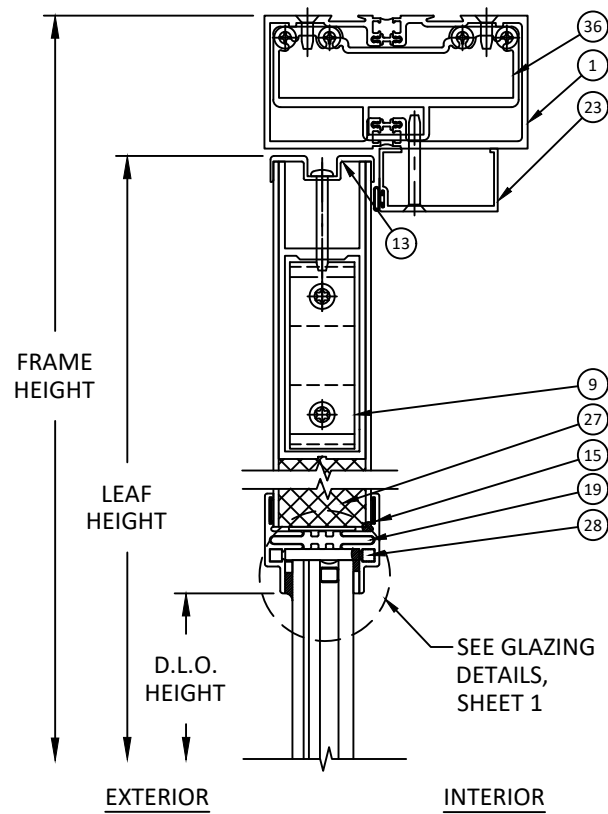
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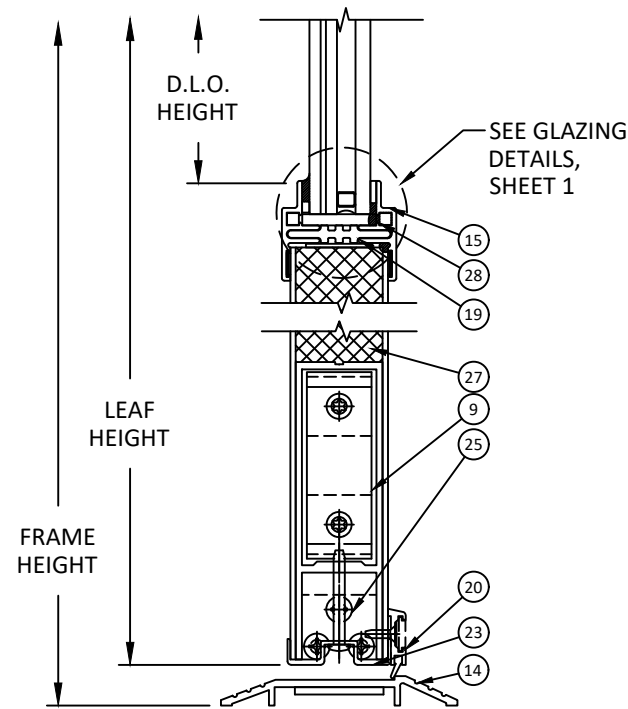
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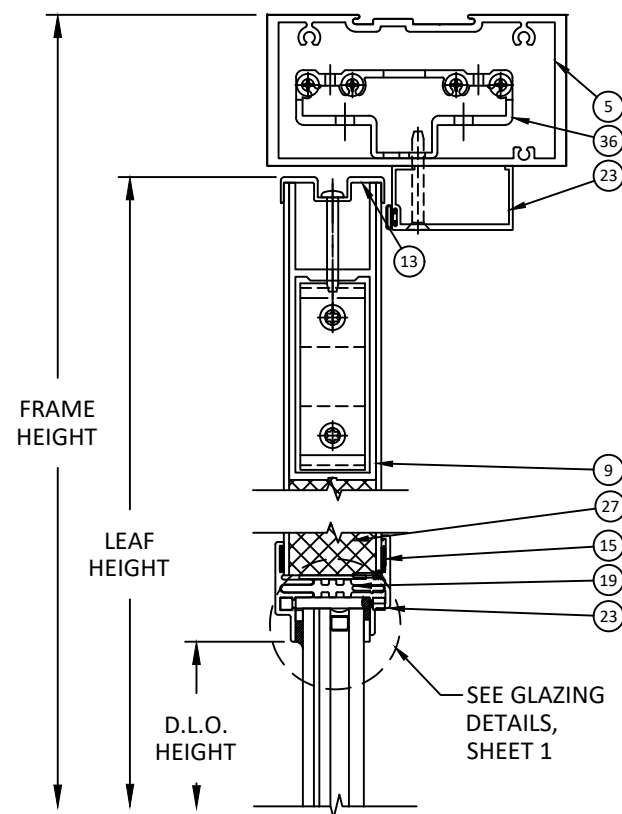
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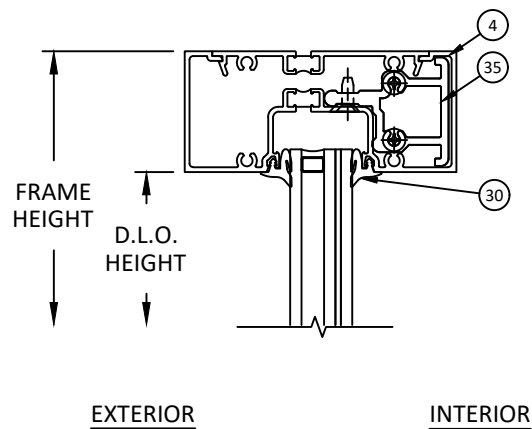
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4 VERTICAL SECTION
TRIFAB 451T FRAME
TYP. HEAD DETAIL



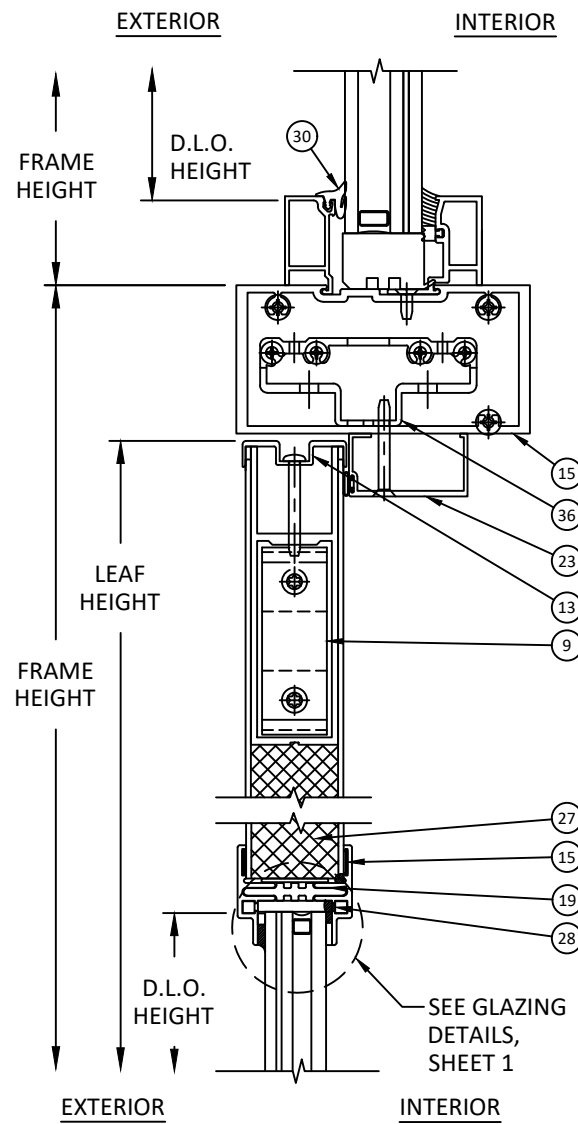
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TYP. SILL



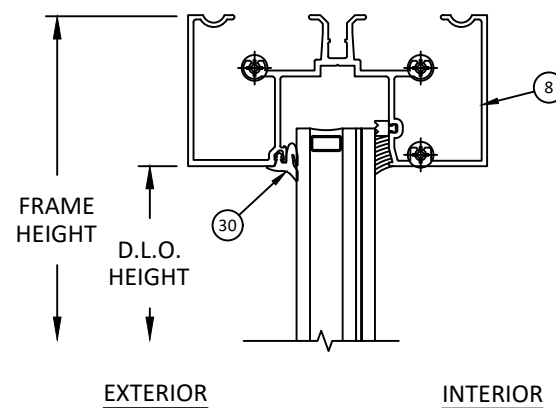
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IR501 FRAME
TYP. HEAD DETAIL



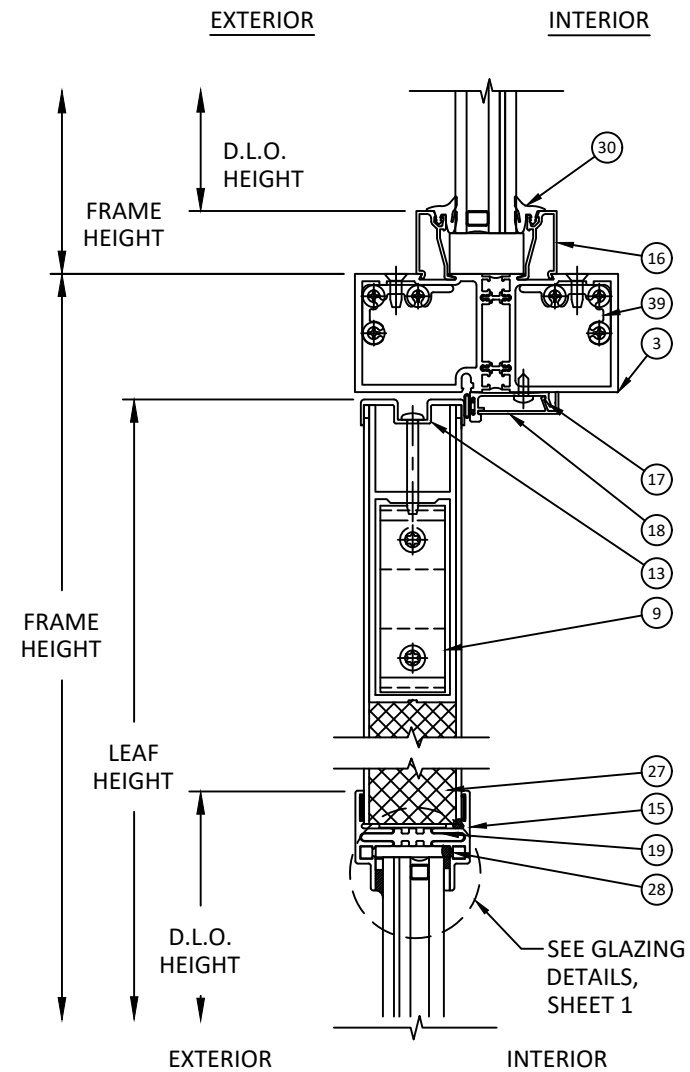
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4 VERTICAL SECTION
TRIFAB 451T FRAME
TYP. TRANSOM FRAME



E
4 VERTICAL SECTION
IR501 FRAME
TYP. HEAD DETAIL



F
4 VERTICAL SECTION
IR500/501 HEAD
TYP. TRANSOM FRAME



G
4 VERTICAL SECTION
TRIFAB 451T FRAME
TYP. HEAD DETAIL



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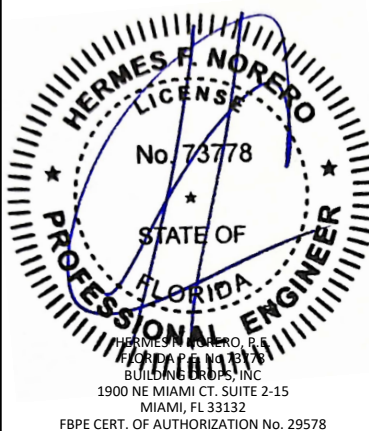
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(HVHZ)/(IMPACT)
VERTICAL SECTIONS

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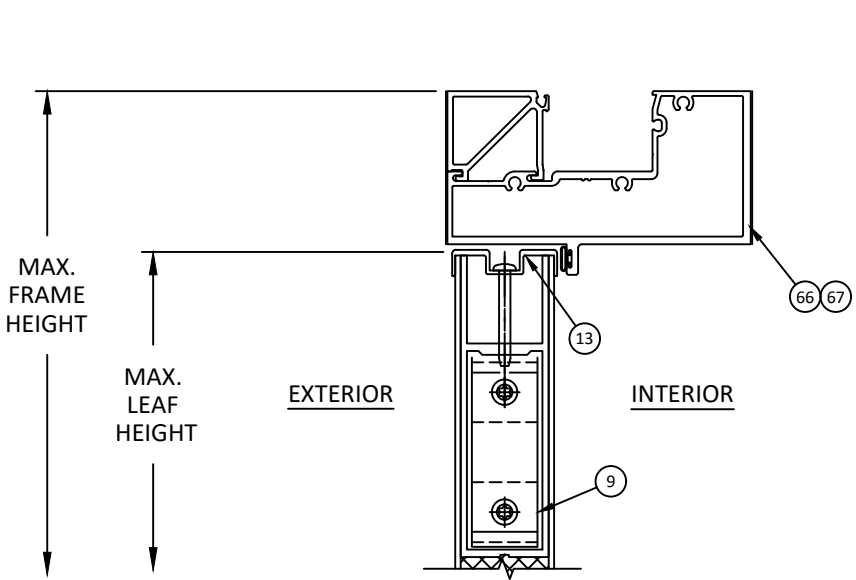
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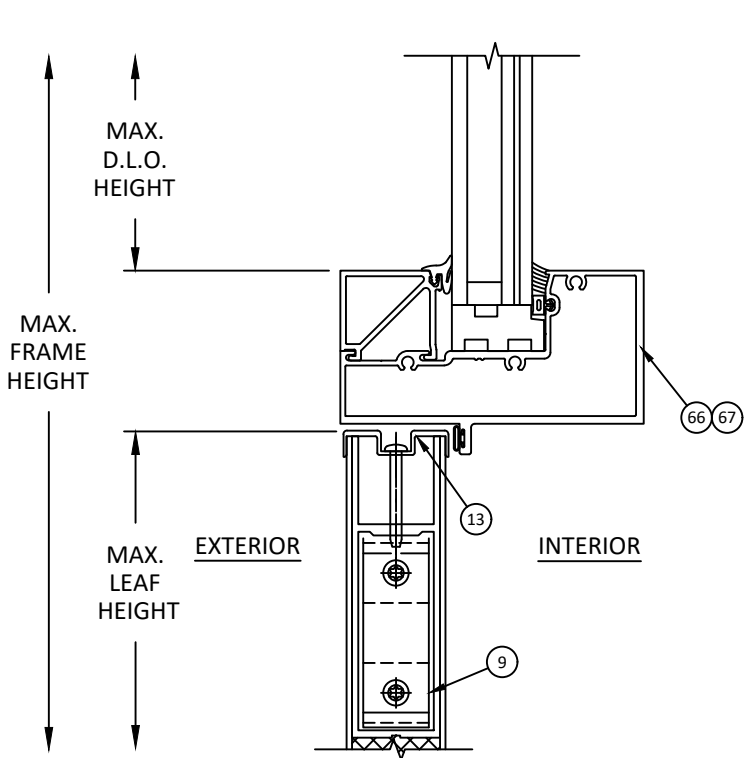
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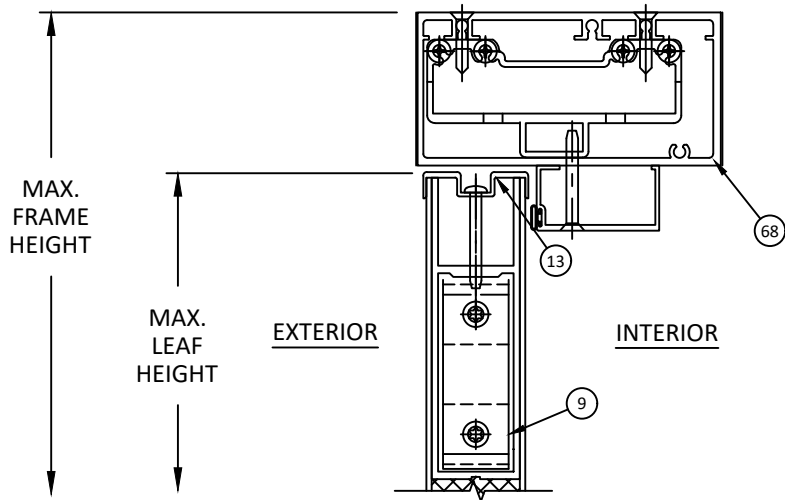
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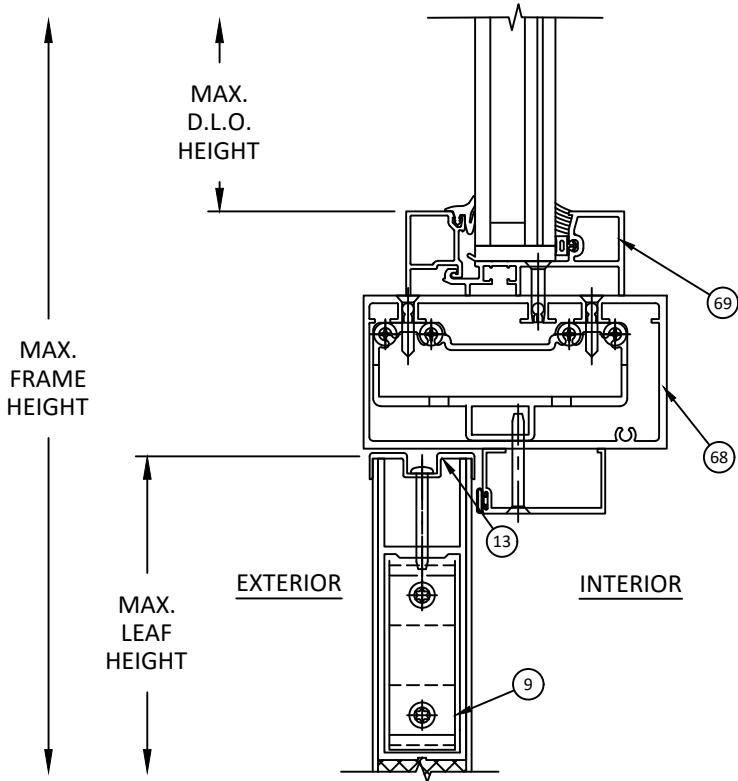
A
5 VERTICAL SECTION
IR521 FRAME
TYP. HEAD DETAIL



C
5 VERTICAL SECTION
IR521 TRANSOM BAR
TYP. HEAD DETAIL



B
5 VERTICAL SECTION
IR521 FRAME - COC HEADER
TYP. HEAD DETAIL



D
5 VERTICAL SECTION
IR521 COC HEADER - TRANSOM
TYP. HEAD DETAIL



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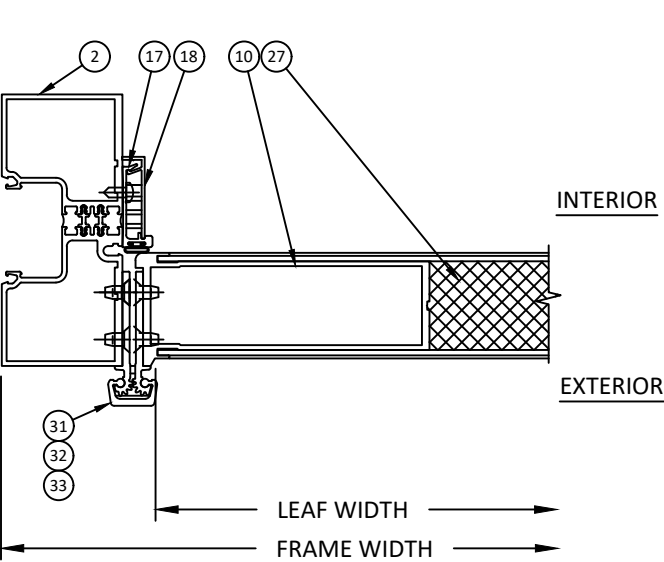
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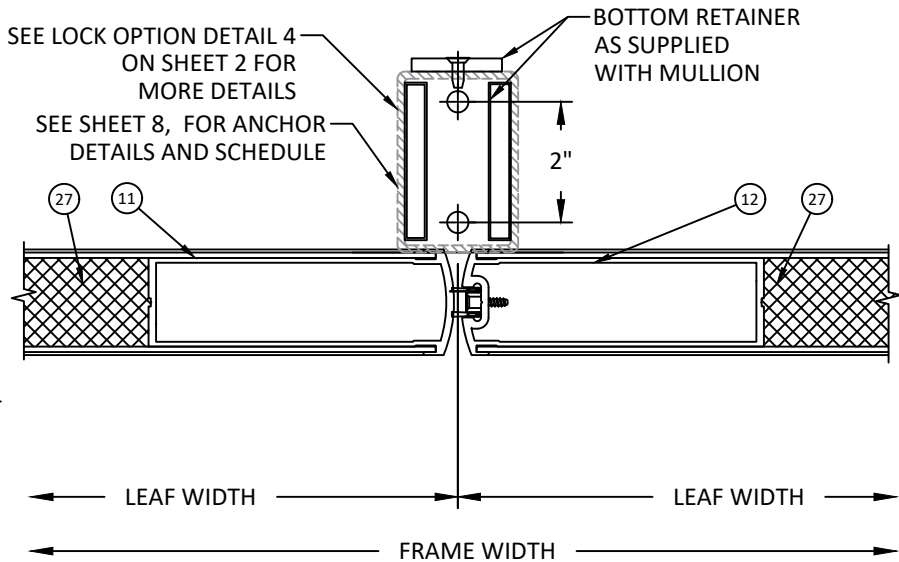


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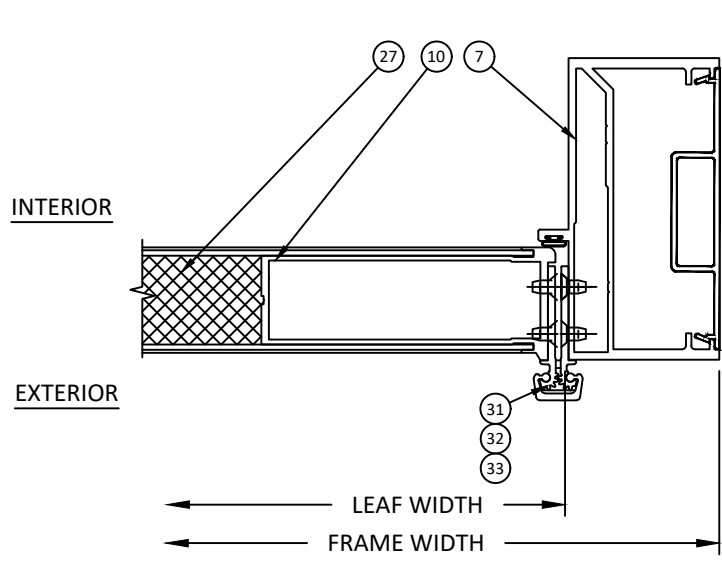
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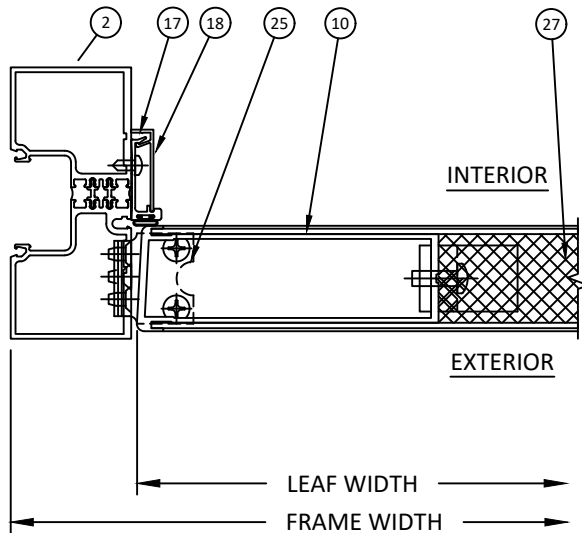
A
6 HORIZONTAL SECTION
TYP. JAMB DETAIL
TRIFAB 451T FRAME



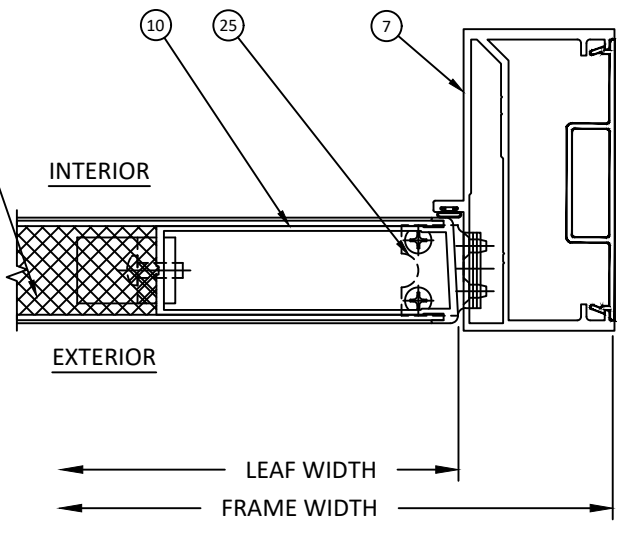
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TYP. ASTRAGAL
RIM PANIC DEVICE MULLION DETAIL



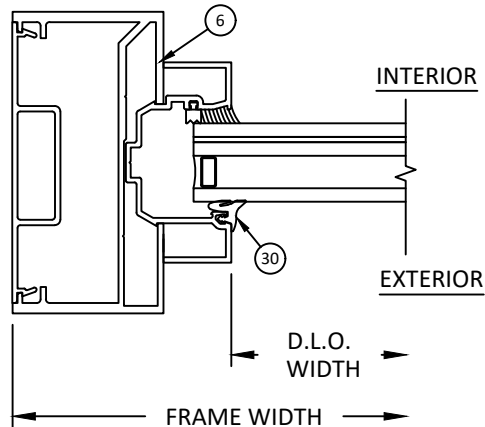
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TYP. JAMB DETAIL
IR501 FRAME



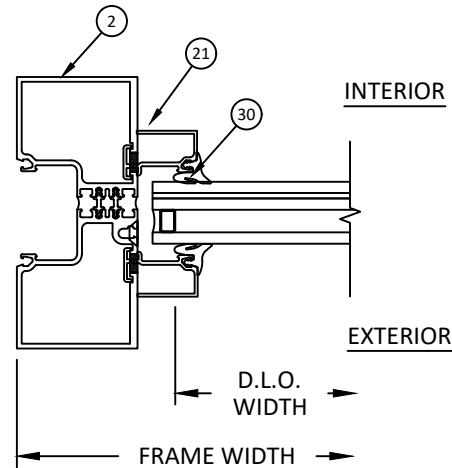
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6 HORIZONTAL SECTION
TYP. JAMB DETAIL
TRIFAB 451T FRAME



E
6 HORIZONTAL SECTION
TYP. JAMB DETAIL
IR501 FRAME



F
6 HORIZONTAL SECTION
TYP. TRANSOM JAMB
IR501 FRAME



G
6 HORIZONTAL SECTION
TYP. TRANSOM JAMB
TRIFAB 451 FRAME



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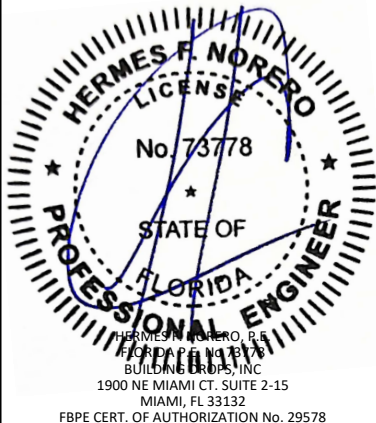
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DATE: **03.11.2025**

DWG. BY: **FB** CHK. BY: **HFN**

SCALE: **NTS**

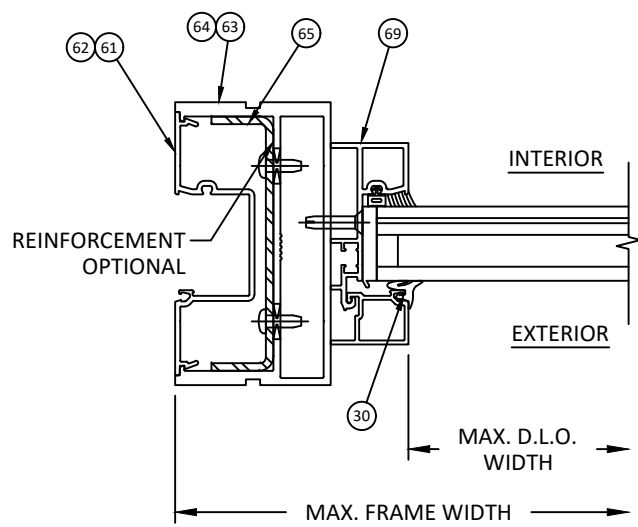
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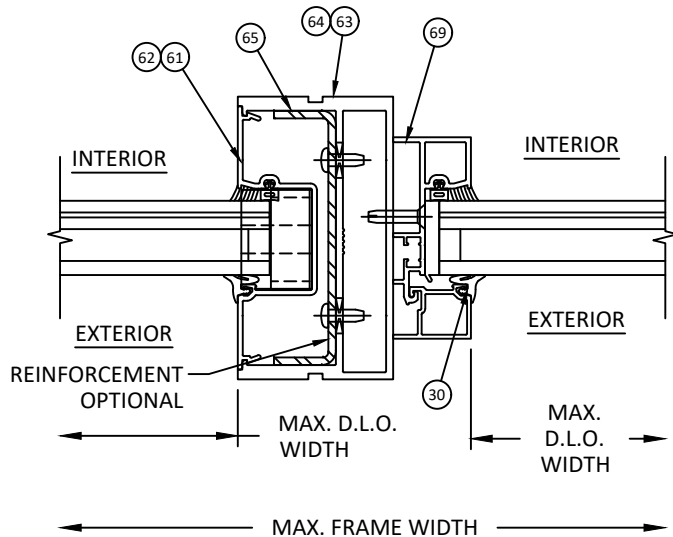
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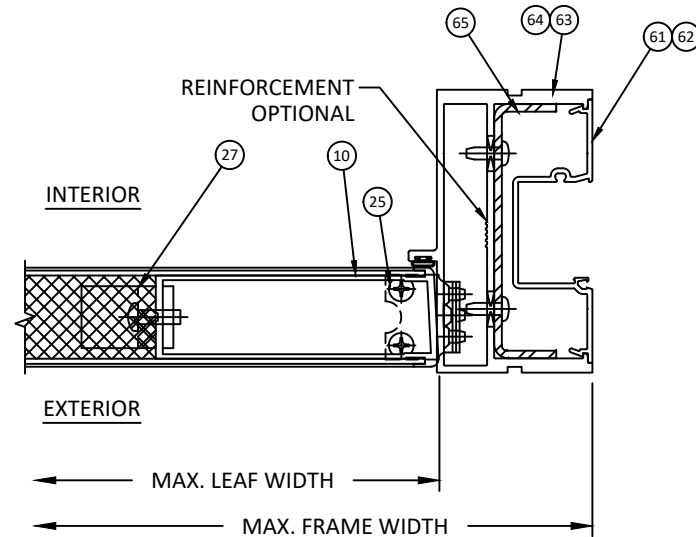
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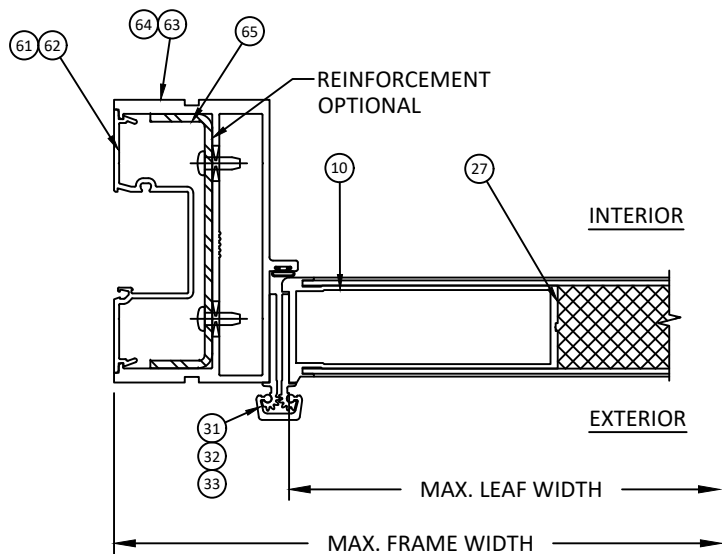
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7
HORIZONTAL SECTION
TYP. JAMB DETAIL
IR521 TRANSOM FRAME



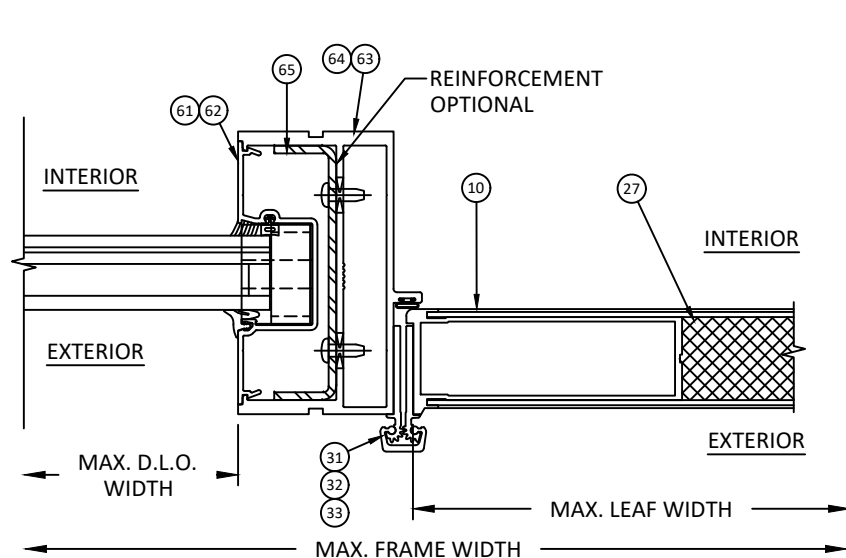
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HORIZONTAL SECTION
TYP. JAMB DETAIL
IR521 TRANSOM JAMB AT SIDELITE



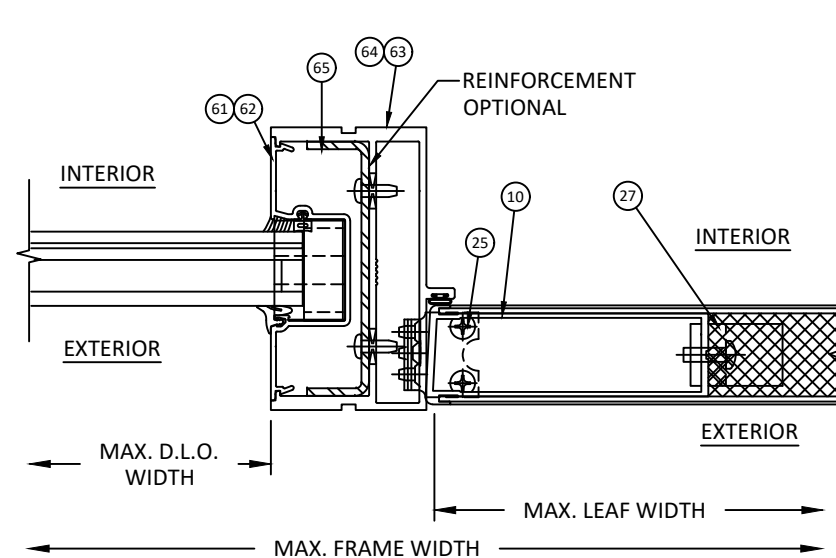
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7
HORIZONTAL SECTION
TYP. JAMB DETAIL
IR521 LOCK JAMB



D
7
HORIZONTAL SECTION
TYP. JAMB DETAIL
IR521 HINGE JAMB



E
7
HORIZONTAL SECTION
TYP. JAMB DETAIL
IR521 HINGE JAMB AT SIDELITE



F
7
HORIZONTAL SECTION
TYP. JAMB DETAIL
IR521 LOCKING JAMB AT SIDELITE



KAWNEER COMPANY, INC.
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PH: (770) 449 - 5555

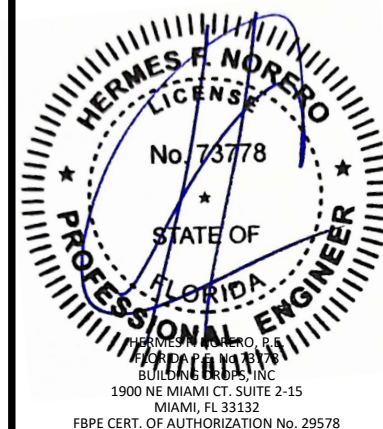
TITLE:
FLUSHLINE OUTSWING DOORS
(HVHZ)(IMPACT)
HORIZONTAL SECTIONS

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



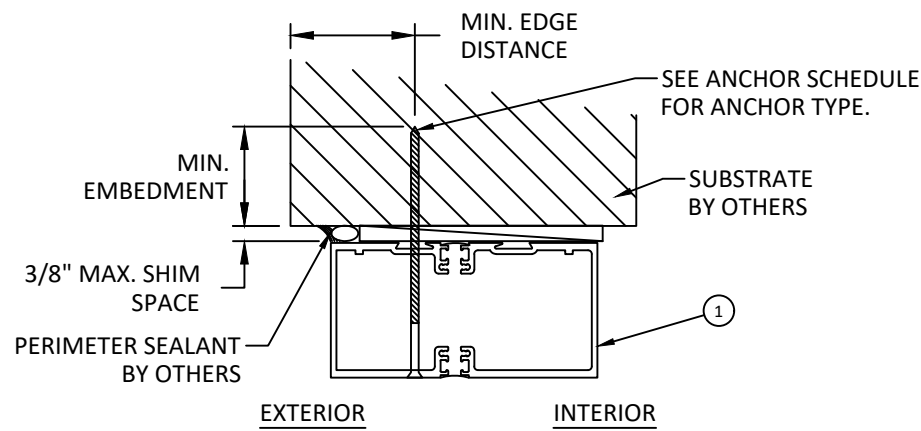
REMARKS	BY	DATE

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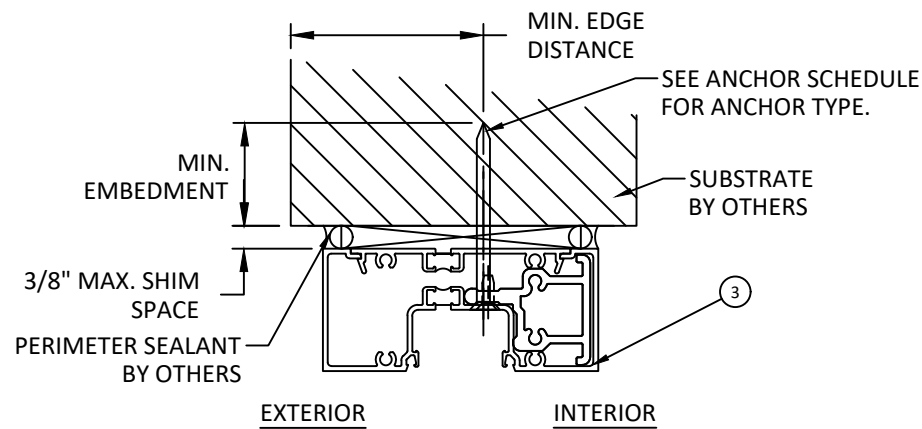


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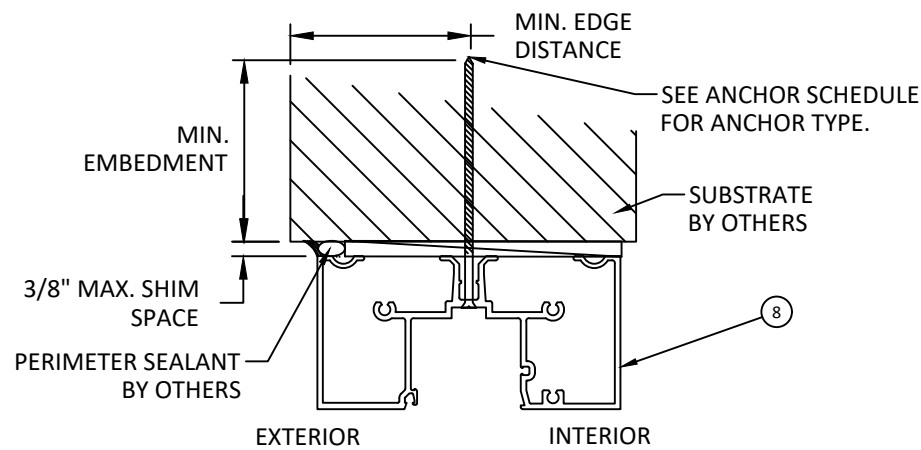
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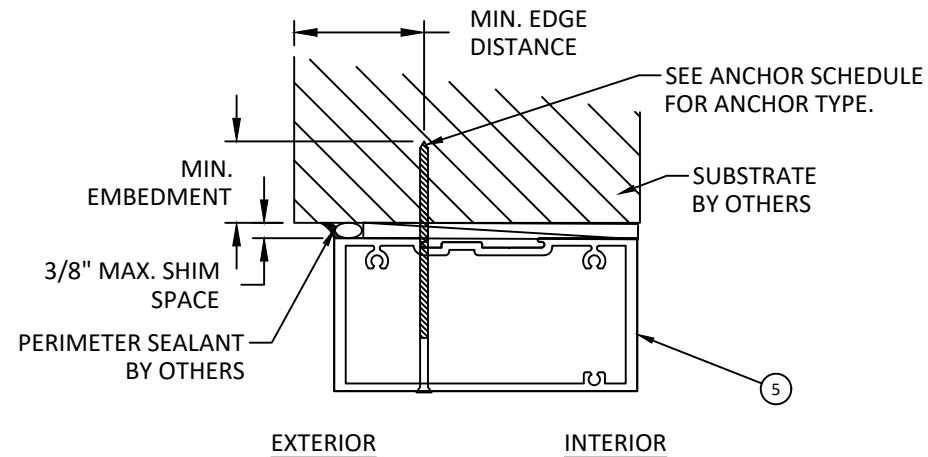
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TYP. TRIFAB 450/451 HEAD INSTALLATION
THROUGH FRAME



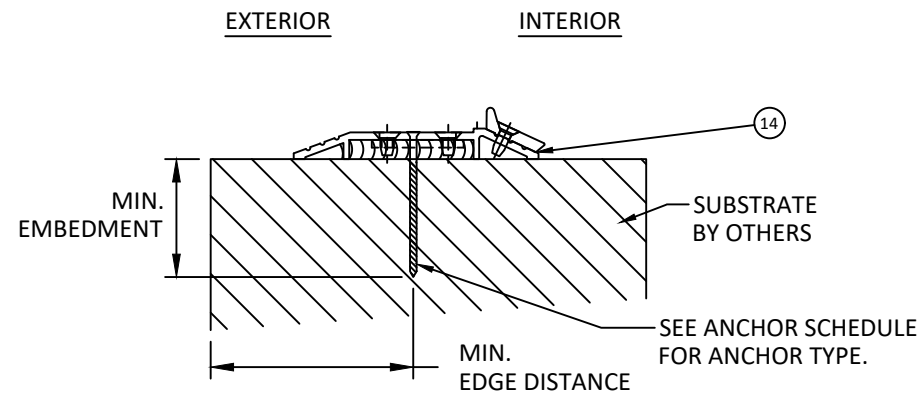
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TYP. TRIFAB 450/451 HEAD INSTALLATION
THROUGH FRAME



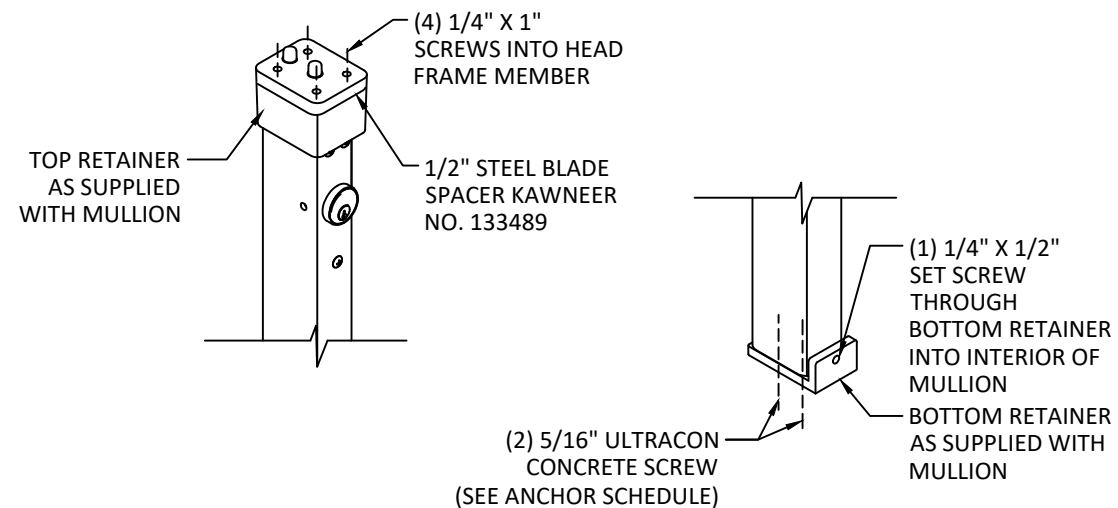
C
8 **VERTICAL SECTION**
TYP. IR501 HEAD INSTALLATION
THROUGH FRAME



D
8 **VERTICAL SECTION**
TYP. IR501 HEAD INSTALLATION
THROUGH FRAME



E
8 **VERTICAL SECTION**
TYP. SILL INSTALLATION
THROUGH FRAME



KAWNEER COMPANY, INC.
555 GUTHRIDGE COURT
NORCROSS, GA 30092
PH: (770) 449 - 5555

TITLE:
FLUSHLINE OUTSWING DOORS
(HVHZ)/(IMPACT)

ANCHOR DETAILS

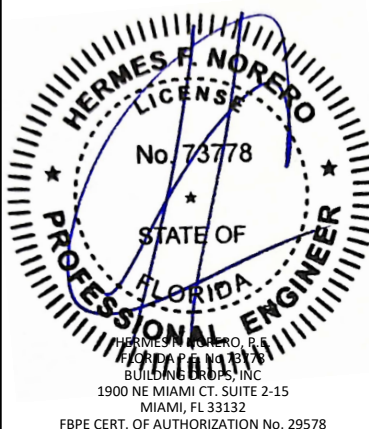
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FAX: (954)744-4738
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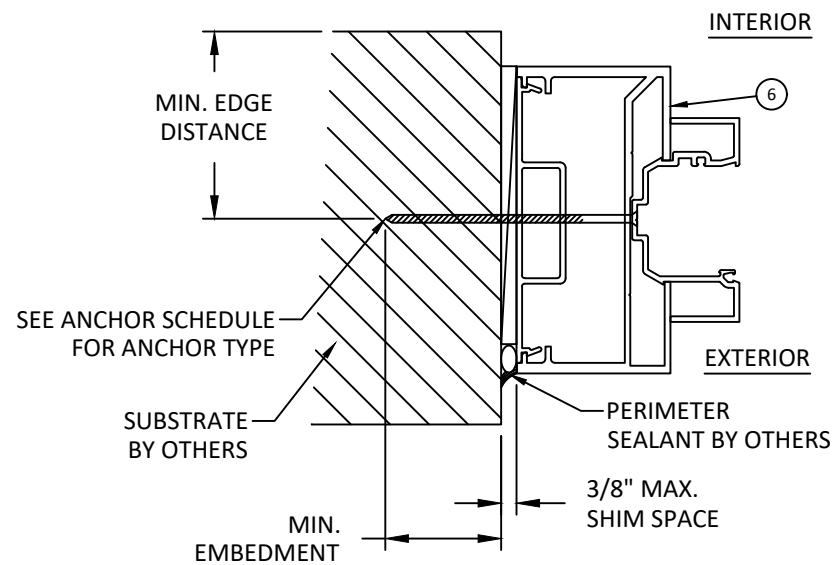
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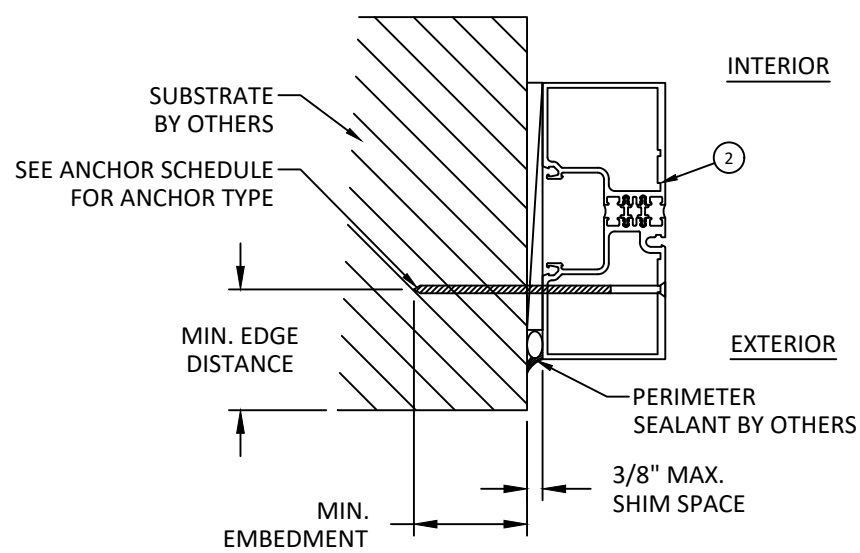
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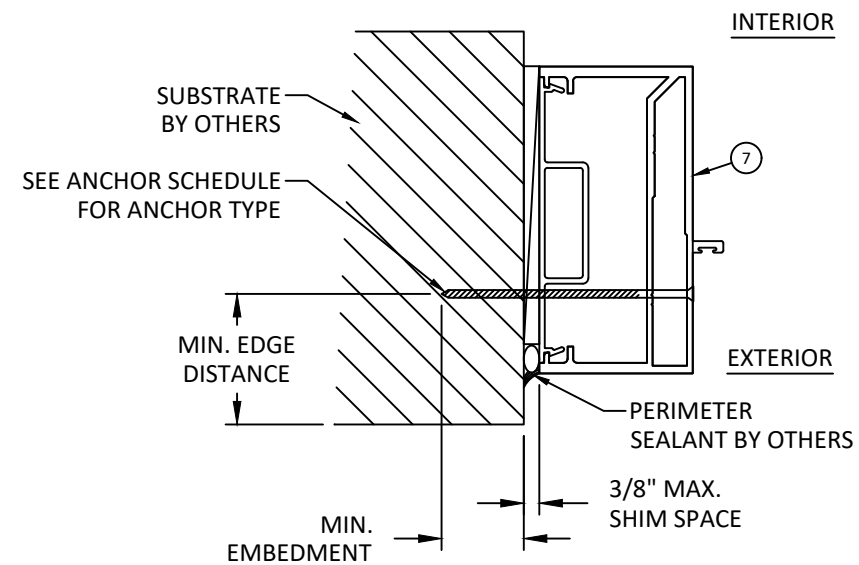
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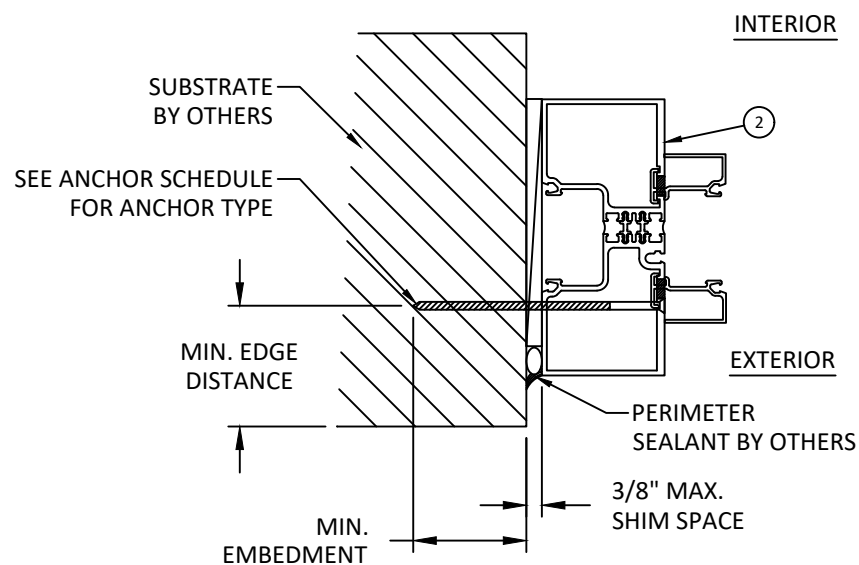
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9 HORIZONTAL SECTION
TYP. IR500/501 JAMB INSTALLATION
THROUGH FRAME



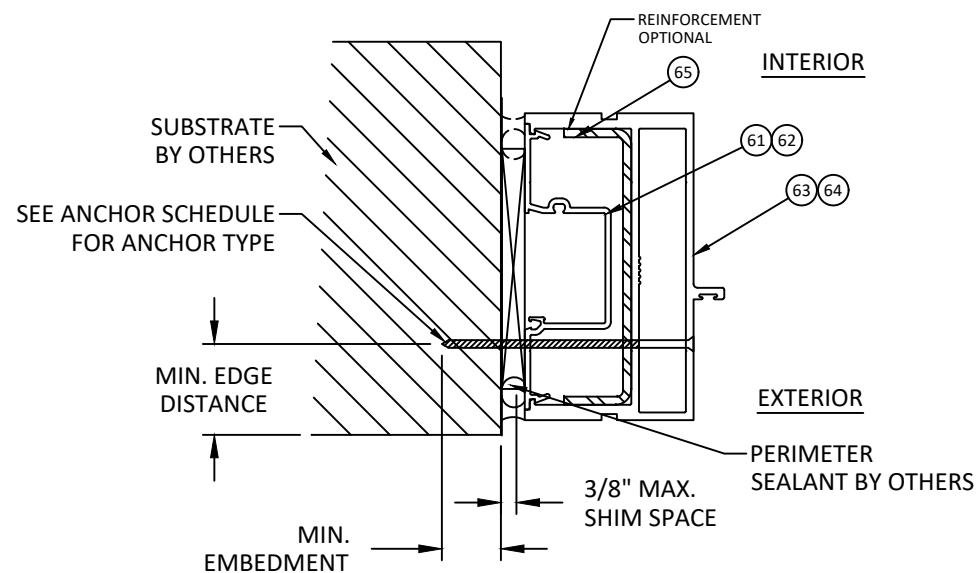
B
9 HORIZONTAL SECTION
TYP. TRIFAB 4511T JAMB INSTALLATION
THROUGH FRAME



C
9 HORIZONTAL SECTION
TYP. IR500/501 JAMB INSTALLATION
THROUGH FRAME



D
9 HORIZONTAL SECTION
TYP. TRIFAB 4511T JAMB INSTALLATION
THROUGH FRAME



E
9 HORIZONTAL SECTION
TYP. IR521 JAMB INSTALLATION
THROUGH FRAME



KAWNEER COMPANY, INC.
555 GUTHRIDGE COURT
NORCROSS, GA 30092
PH: (770) 449 - 5555

TITLE:
FLUSHLINE OUTSWING DOORS
(HVHZ)/(IMPACT)

ANCHOR DETAILS

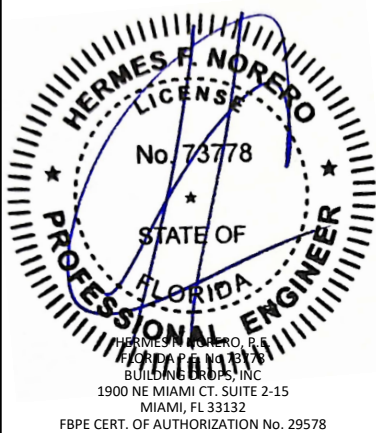
PREPARED BY:
BUILDING DROPS, INC.

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MIAMI, FL 33132
PH: (954)399-8478
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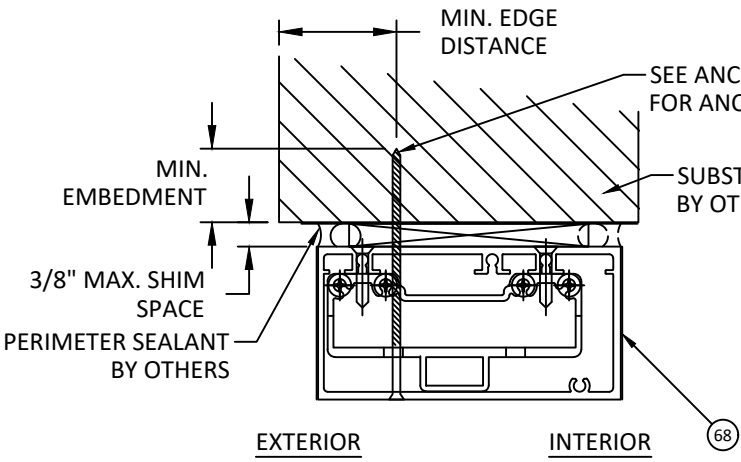
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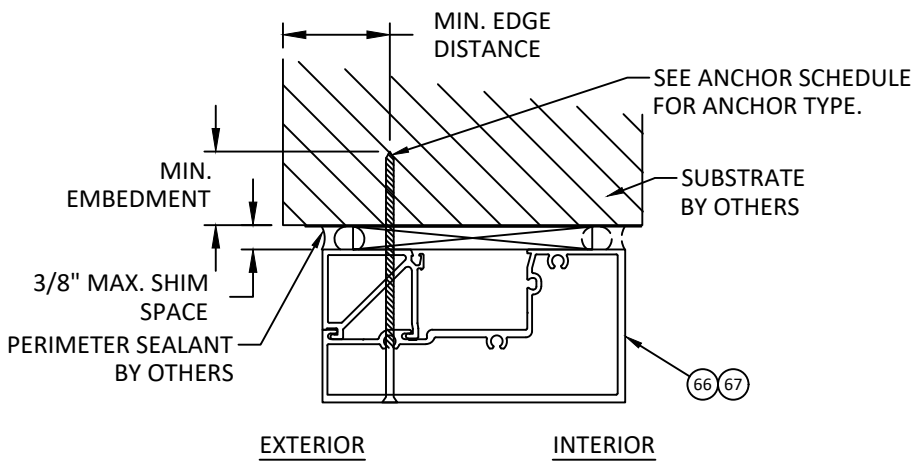


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DWG. #:	KAW047
SHEET:	9

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A
10 VERTICAL SECTION
TYP. IR521 COC HEAD INSTALLATION
THROUGH FRAME



B
10 VERTICAL SECTION
TYP. IR521 HEAD INSTALLATION
THROUGH FRAME

INSTALLATION NOTES:

- ONE (1) INSTALLATION ANCHOR IS REQUIRED AT EACH ANCHOR LOCATION SHOWN, UNLESS OTHERWISE STATED.
- 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 3/8 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.

ANCHOR SCHEDULE				
INST. METHOD	ANCHOR TYPE	SUBSTRATE	MIN. EMBEDMENT	MIN. EDGE DISTANCE
THROUGH FRAME	NO. 12 WOOD SCREW	WOOD (S.G. = 0.55)	1.25"	0.875"
	NO. 12 GR. 5 SELF-DRILLING/TAPPING SCREW	MIN. 18 GA. STEEL (33KSI)/ ALUMINUM 1/8" MIN. THK. 6063-T5	THREE (3) THREADS MIN. PENETRATION BEYOND METAL FACE	0.50"
	1/4" ITW TAPCON	CONCRETE: f'c = 3000 PSI	1.50"	2.00"
	1/4" ITW TAPCON	MASONRY : CMU PER ASTM-C90, MIN. 2000 PSI	1.00"	2.00"



KAWNEER COMPANY, INC.
555 GUTHRIDGE COURT
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PH: (770) 449 - 5555

TITLE:
FLUSHLINE OUTSWING DOORS
(HVHZ)/(IMPACT)

ANCHOR DETAILS, SCHEDULE, AND
INSTALLATION NOTES

PREPARED BY:

BUILDING DROPS, INC.

1900 NE MIAMI CT. SUITE 2-15

MIAMI, FL 33132

PH: (954)399-8478

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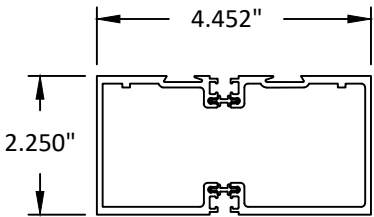
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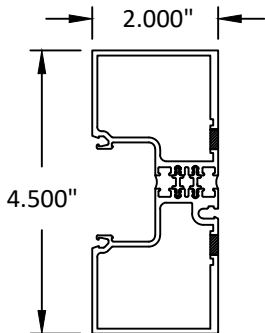
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BILL OF MATERIALS - FLUSHLINE DOORS			
NO.	DESCRIPTION	MATERIAL/ MANUF. /NOTES	PART NO.
1	TRIFAB 451T COC HEAD	6063-T6	534101
2	TRIFAB 451T JAMB	6063-T6	534109
3	TRIFAB 451T HEADER	6063-T6	534111
4	TRIFAB 451T TRANSOM HEAD	6063-T6	451CG001
5	IR501 COC HEAD	6063-T6	575162
6	IR501 TRANSOM POCKER FILLER	6063-T6	575133
7	IR501 TRANSOM JAMB	6063-T6	575051
8	IR501 TRANSOM HEAD	6063-T6	575112
9	DOOR RAIL	6063-T6	237066
10	CONTINUOUS HINGE STILE	6063-T6	237029
11	INACTIVE MEETING STILE	6063-T6	237012
12	ACTIVE MEETING STILE	6063-T6	237011
13	RAIL TRIM CAP	6063-T6	237051
14	THRESHOLD	6063-T6	069139
15	VISION LITE	6063-T6	237034
16	TRIFAB TRANSOM GLASS STOP	6063-T6	450022
17	TRIFAB APPLIED DOOR STOP	6063-T6	069201
18	TRANSOM GLASS STOP	6063-T6	534007
19	VISION LITE INSERT	BLACK ABS	237449
20	FILLER & WEATHER STRIP	6063-T6	237799
21	IR501 GLASS STOP - EXTERIOR	6063-T6	575160
21A	IR501 GLASS STOP - INTERIOR	6063-T6	575161
22	IR501 TRANSOM GLASS STOP	6063-T6	127138
23	COC STOP	6063-T6	041045
24	PANIC DEVICE STRIKE SHIM	ALUM.	133491
25	THRESHOLD ANGLE CLIP	STEEL	038376
26	PANEL CORNER WELD CLIP	6063-T6	-
27	FOAM FILL	PVC	-
28	VISION LITE-CORNER KEY	ZINC	-
29	THERMAL BREAK/CLIP	POLYPROPYLENE	-
30	GLAZING GASKET	EPDM	-
31	BUTT HINGE	HAGER, STANLY, MCKINNEY	-
32	OFFSET PIVOT HINGE	TOP: 050300/0355520 INTERMEDIATE: 037233/037234 BOTTOM: 037837/035524/035523	-
33	CONTINOUS HINGE	HAGER/ROTON, ABH, STANLY	-
34	TRANSOM MULLION SHEAR CLIP	6063-T6	-
35	TRANSOM HEAD SHEAR BLOCK	6063-T6	-
36	DOOR HEAD SHEAR BLOCK	6063-T6	-
37	TRANSOM JAMB GLASS STOP	6063-T6	-
38	POCKET INSERT	6063-T6	-
39	TRANSOM MULLION SHEAR BLOCK	6063-T6	-
40	WEATHERING BULB	ALCRYN/RIGID PVC (DUROMETER = 60)	-
41	ADJUSTABLE ASTRIGAL SEAL	SS/NYLON/POLYURETHANE	-
42	GLAZING GASKET	EPDM SHORE A (DUROMETER = 65 ±5)	-
43	DOOR SWEEP BASE, FILLER STRIP & WEATHER STRIP	6063-T6 ALUMINUM/ 430 SS / EPDM	-
44	1/8" X 3/16" SPACER	POLYURETHANE FOAM	-
45	3/16" X 3/8" GLAZING TAPE	CLOSED CELL PVC	-
46	1/8" X 3/8" GLAZING TAPE	CLOSED CELL PVC	-
47	NO. 8 X 3/8" PHTF TYPE AB SCREWS	1 FROM ENDS & MAX. 9" O.C.	-
48	NO. 10 X 1-19/32" PHTF SCREWS	4 PER SHEAR BLOCK	-
49	NO. 10 X 1-19/32" PHTF SCREWS	2 PER SHEAR BLOCK	-
50	NO. 10 X 2-1/4" PHTF SCREWS	3 PER SHEAR BLOCK	-
51	NO. 10 X 1-5/8" FHTF TYPE "B" SCREWS	1" FROM ENDS & MAX. 16" O.C.	-
52	NO. 10 X 1-19/32" FHTF TYPE "B" SCREWS	6" FROM ENDS & MAX. 10" O.C.	-
53	NO. 8 X 1-1/2" PHTF TYPE "B" SCREWS	1/4" FROM ENDS & MAX. 9-1/2" O.C.	-
54	NO. 12-24 X 9/16" SSFH SCREW	4 PER BUTT HINGE LEAF	-
55	NO. 12-24 X 11/16" SSFH SCREWS	2-9/16" FROM ENDS & MAX. 5-1/8" O.C.	-
56	5/16"-18 X 5/8" SS SCREW	2 PER TOP PIVOT HINGE	-
57	NO. 12-24 X 9/16" SS SCREW	3 PER INTERMEDIATE PIVOT HINGE	-
58	1/4"-20 X 3/8" SS SCREW	3 PER BOTTOM PIVOT HINGE	-
59	0.279-0.188 DIA. X 0.563" LONG ADJUSTING SCREW	POSITIONED AS REQUIRED BY KAWNEER	-
60	NO. 10 X 9/16" FHTF TYPE B SCREW	4, 1, AND 2 PER SHEAR BLOCK RESPECTIVELY	-

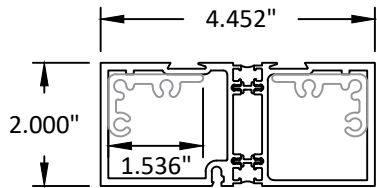
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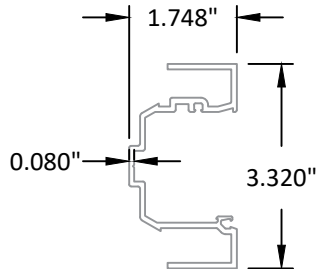
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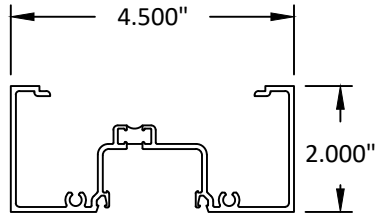
3 TRIFAB 451T HEADER
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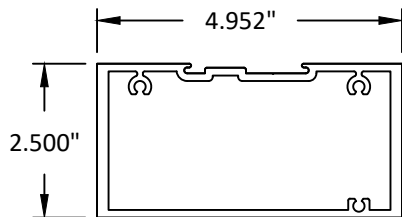
6 IR501 TRANSOM POCKET FILLER
6063-T6



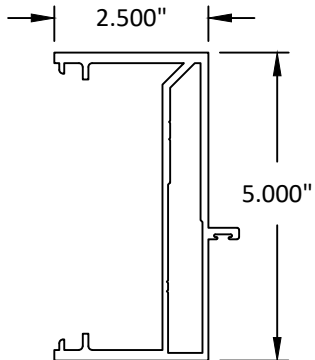
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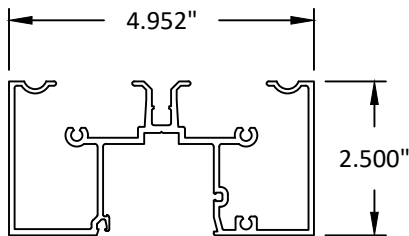
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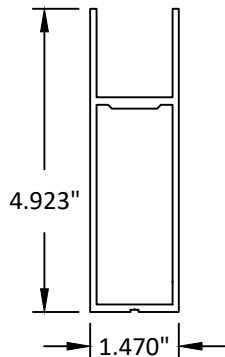
7 IR501 TRANSOM JAMB
6063-T6



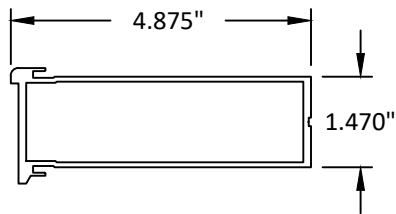
8 IR501 TRANSOM HEAD
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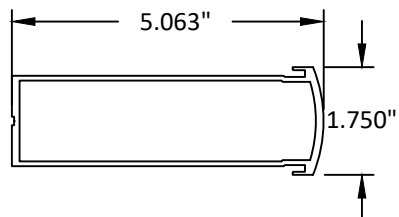
9 DOOR RAIL
6063-T6



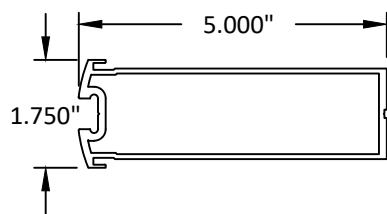
10 CONTINUOUS HINGE STILE
6063-T6



11 INACTIVE MEETING STILE
6063-T6



12 ACTIVE MEETING STILE
6063-T6



KAWNEER COMPANY, INC.
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BILL OF MATERIALS
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PREPARED BY:

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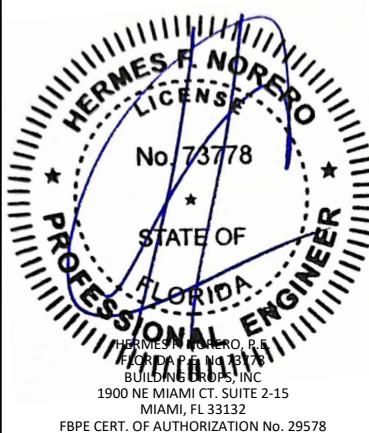
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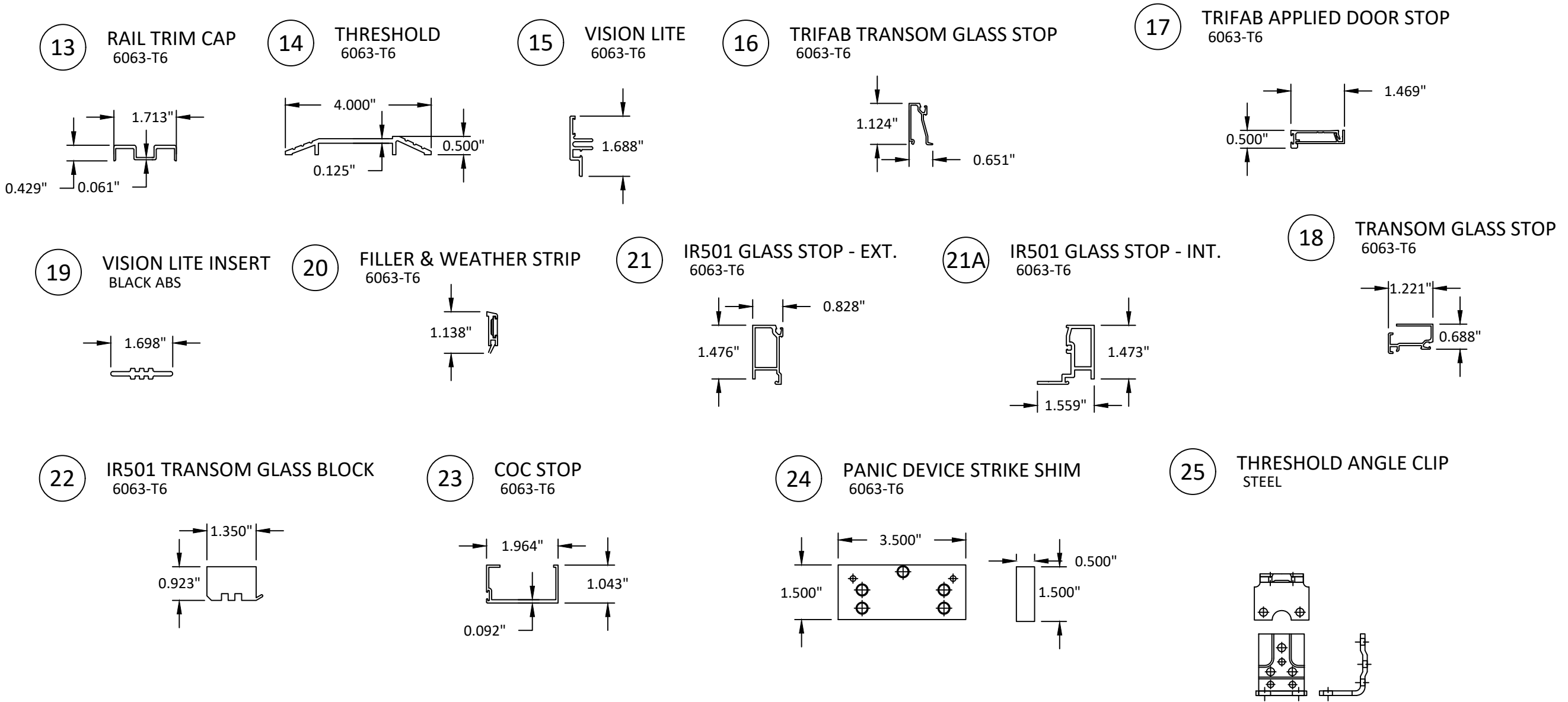
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FB	HFN	
SCALE:		NTS
DWG. #:		KAW047
SHEET:		11
		OF 13

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NOTE:

- PART 20: 2 EACH SIDE OF D.L.O. WHEN SIDES ARE GREATER THAN 12"; 1 EACH SIDE WHEN 12" OR LESS.
- PART 24: USED WITH CORBIN RUSSWIN ED52005 X M107 RIM PANIC DEVICE AT JAMB OF SINGLE DOOR.



KAWNEER COMPANY, INC.
555 GUTHRIDGE COURT
NORCROSS, GA 30092
PH: (770) 449 - 5555

TITLE:

FLUSHLINE OUTSWING DOORS
(HVHZ)(IMPACT)

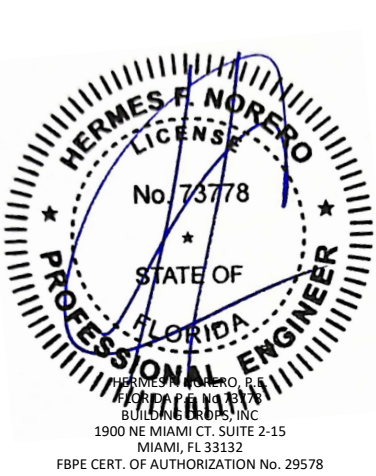
COMPONENTS

PREPARED BY:

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

REMARKS	BY	DATE

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FL47880

DATE: **03.11.2025**

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CHK. BY:
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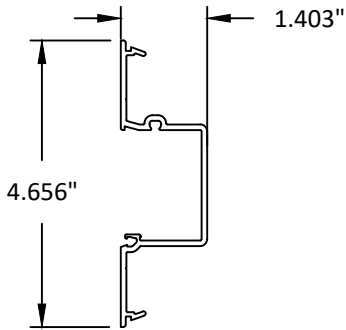
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DWG. #: **KAW047**

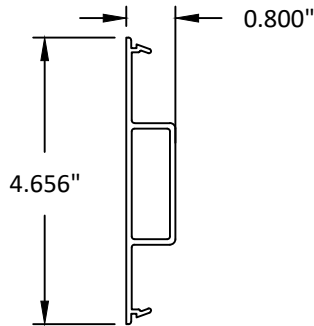
SHEET:
12
OF 13

BILL OF MATERIALS - FLUSHLINE DOORS			
NO.	DESCRIPTION	MATERIAL/ MANUF./ NOTES	PART NO.
61	DEEP POCKET SNAP	6063-T6	521CG019
62	FASTENER SUPPORT SNAP	6063-T6	575052
63	IR521 JAMB W/ FIN	6063-T6	521CG018
64	IR521 JAMB W/O FIN	6063-T6	521CG318
65	JAMB REINFORCEMENT	STEEL	575310
66	IR521 HEAD W/O FIN	6063-T6	521CG320
67	IR521 HEAD W/ FIN	6063-T6	521CG020
68	IR521 COC HEAD FRAME	6063-T6	521CG079
69	IR521 TRANSOM GLASS STOP	6063-T6	521CG027
70	IR521 TRANSOM GLASS STOP	6063-T6	521CG022
71	IR521 GLASS STOP	6063-T6	521CG404
72	LOCK/HINGE STILE	6063-T6	237010

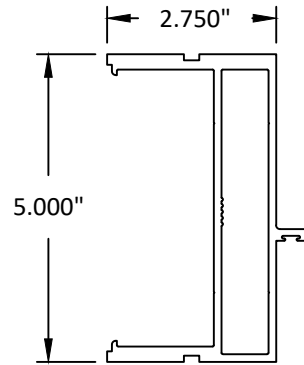
61 IR521 DEEP POCKET SNAP
6063-T6



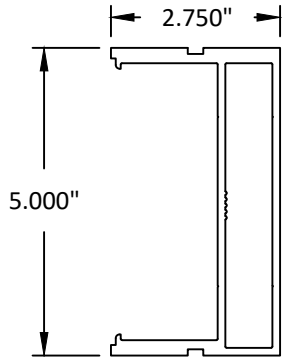
62 FASTENER SUPPORT SNAP
6063-T6



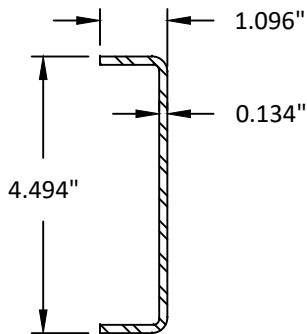
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6063-T6



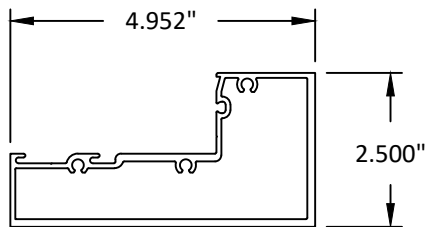
64 IR521 JAMB W/O FIN
6063-T6



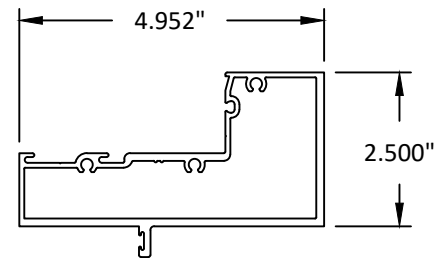
65 JAMB REINFORCEMENT
STEEL



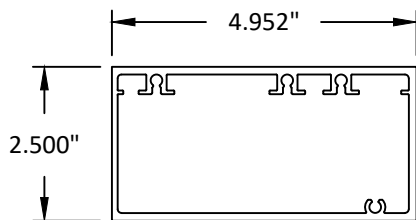
66 IR521 HEAD W/O FIN
6063-T6



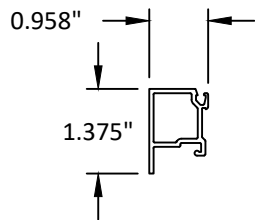
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6063-T6



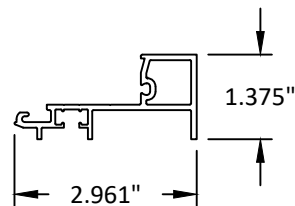
68 IR521 COC HEAD FRAME
6063-T6



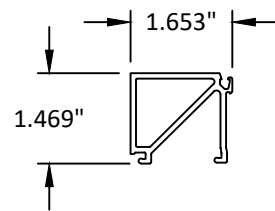
69 IR521 TRANSOM GLASS STOP
6063-T6



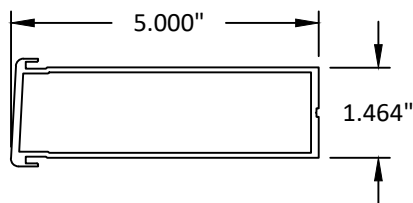
70 IR521 TRANSOM GLASS STOP
6063-T6



71 IR521 GLASS STOP
6063-T6



72 LOCK/HINGE STILE
6063-T6



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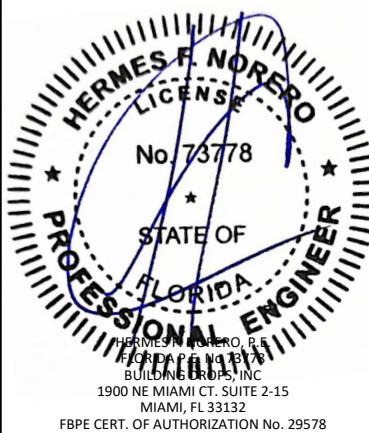
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