

KAWNEER COMPANY, INC.

INSULPOUR 350T THERMAL ENTRANCE

(HVHZ) (IMPACT)

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.
- 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.
- 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 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.
- INSTALLATION ANCHOR CAPACITIES FOR PRODUCTS HEREIN ARE BASED ON SUBSTRATE MATERIALS WITH THE FOLLOWING PROPERTIES:
 - WOOD - MINIMUM SPECIFIC GRAVITY OF 0.55.
 - CONCRETE -MINIMUM COMPRESSIVE STRENGTH OF 3000 PSI.
 - MASONRY - STRENGTH CONFORMANCE TO ASTM C-90, WITH MINIMUM COMPRESSIVE STRENGTH OF 2000 PSI.
 - STEEL - MINIMUM YIELD STRENGTH OF 36 KSI. MINIMUM 12 GA. WALL THICKNESS.
 - ALUMINUM - MINIMUM 1/8 INCH THICK 6063-T5 ALUMINUM.

GENERAL NOTES:

- 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 501-15
 - AAMA 1304-02
 - ASTM E1886-13a
 - ASTM E1996-14a
 - TAS 201-94
 - TAS 202-94
 - TAS 203-94
- ADEQUACY OF THE EXISTING STRUCTURAL CONCRETE/MASONRY, 2X FRAMING 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 NOT REQUIRED** ON THIS PRODUCT IN AREAS REQUIRING IMPACT RESISTANCE COVERING.
- DOOR FRAME MATERIAL: ALUMINUM 6063-T6
- ALL STRUCTURAL MATERIALS & DISSIMILAR METALS SHALL BE PROTECTED, TREATED, PAINTED, COATED, AND/OR ISOLATED AS REQUIRED IN THE APPLICABLE SECTIONS OF THE CURRENT FLORIDA BUILDING CODE AND REFERENCED DESIGN SPECIFICATIONS.
- GLASS MEETS THE REQUIREMENTS OF ASTM E 1300 GLASS CHARTS. SEE SHEET 8 GLAZING DETAILS.
- ALLOWABLE CONFIGURATIONS: X (SINGLE DOOR) OR XX (DOUBLE DOOR)

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DESIGN PRESSURE TABLE		
CONFIGURATION	DESIGN PRESSURE	IMPACT RATING
SINGLE DOORS	+/-70	LARGE & SMALL MISSILE IMPACT
DOUBLE DOORS	+/-70	



KAWNEER COMPANY

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TITLE:
INSULPOUR 350T
THERMAL ENTRANCE
(HVHZ)(IMPACT)

INSTALLATION & GENERAL NOTES

PREPARED BY:

BUILDING DROPS, INC.

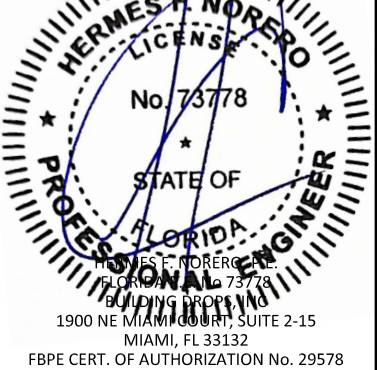
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BUILDING DROPS

REMARKS	BY	DATE
A. TABLE UPDATE	MS	01.25.22
B. 2023 CODE CHANGE	DI	08.31.23
C. FRAME CLIP REVISION	MS	04.22.24

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Digitally signed by Hermes F. Norero, P.E.
Reason: I am approving this document
Date: 2024.05.02 15:56:53 -0400



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FLORIDA PROFESSIONAL ENGINEER
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BUILDING DROPS, INC.
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MIAMI, FL 33132
FBPE CERT. OF AUTHORIZATION No. 29578

FL #:
FL28914

DATE: **09.14.20**

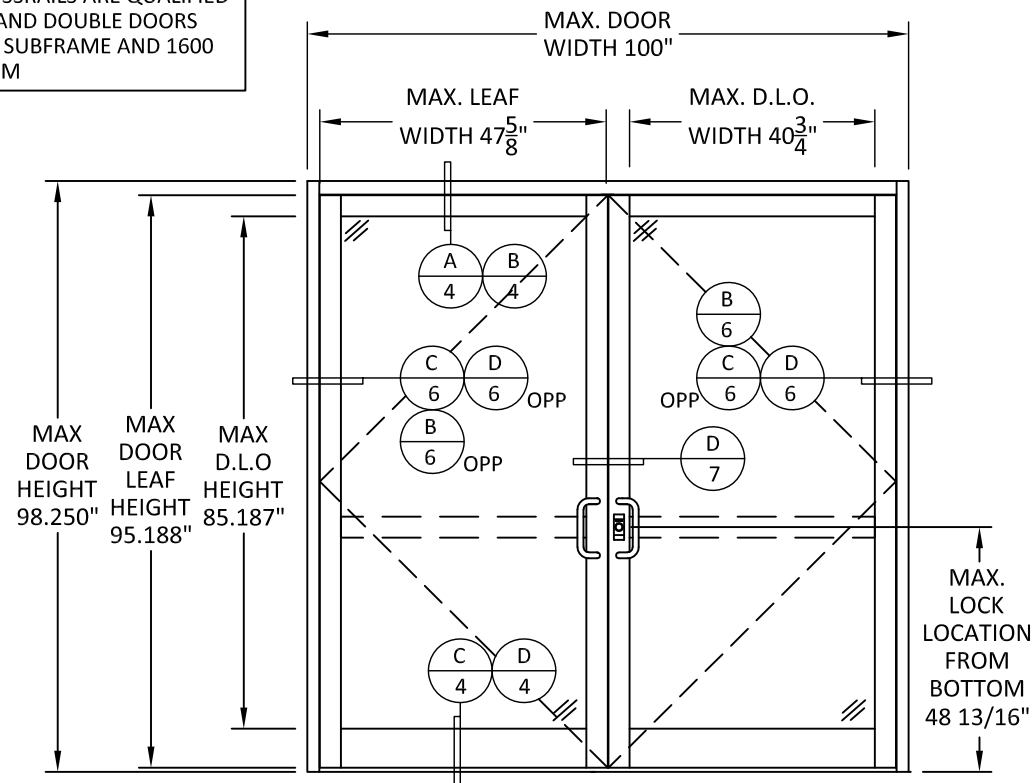
DWG. BY: **YC** CHK. BY: **HFN**

SCALE: **NTS**

DWG. #: **KAW013**

SHEET:
1
OF 10

*NOTE: CROSSRAILS ARE QUALIFIED ON SINGLE AND DOUBLE DOORS USING 451T SUBFRAME AND 1600 WALL SYSTEM



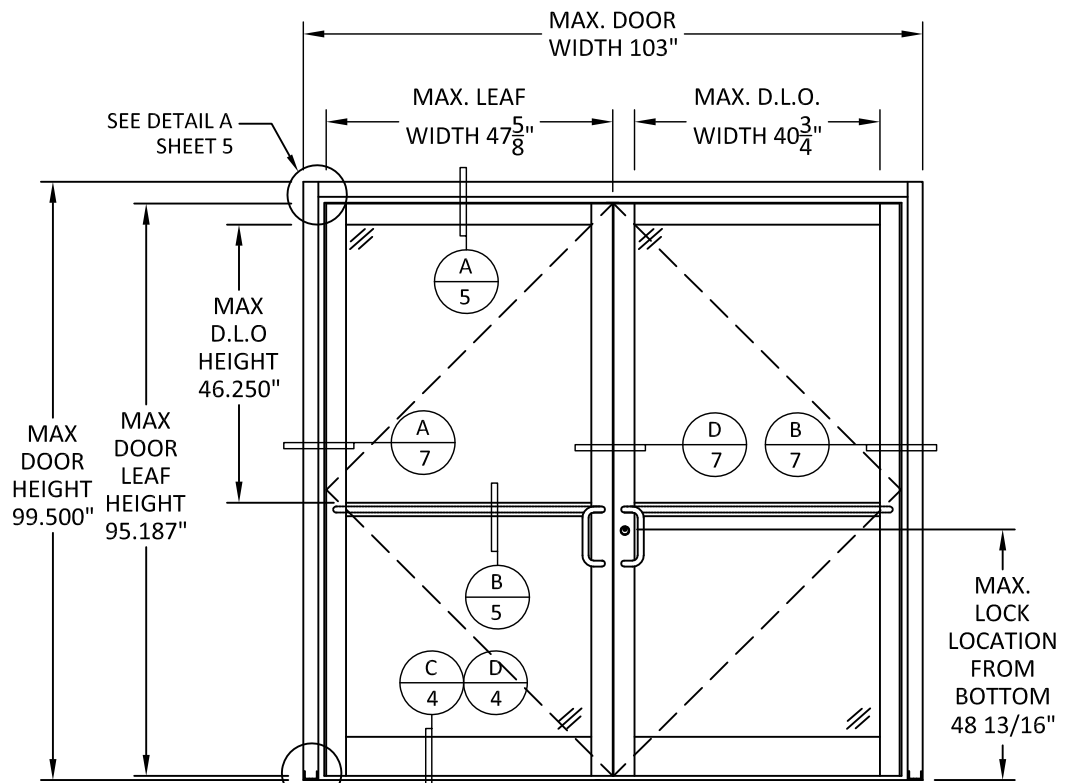
ELEVATION

350T THERMAL DOOR WITH 451T SUBFRAME

TABLE 1- SINGLE AND DOUBLE DOOR QUALIFIED HINGES		
DP RATING	IMPACT	HARDWARE
+/-70 PSF	LARGE/SMALL MISSILE	STANDARD BUTT HINGE
+/-70 PSF	LARGE/SMALL MISSILE	RIXSON OFFSET PIVOT
+/-70 PSF	LARGE/SMALL MISSILE	ROTON CONT. GEARED HINGE

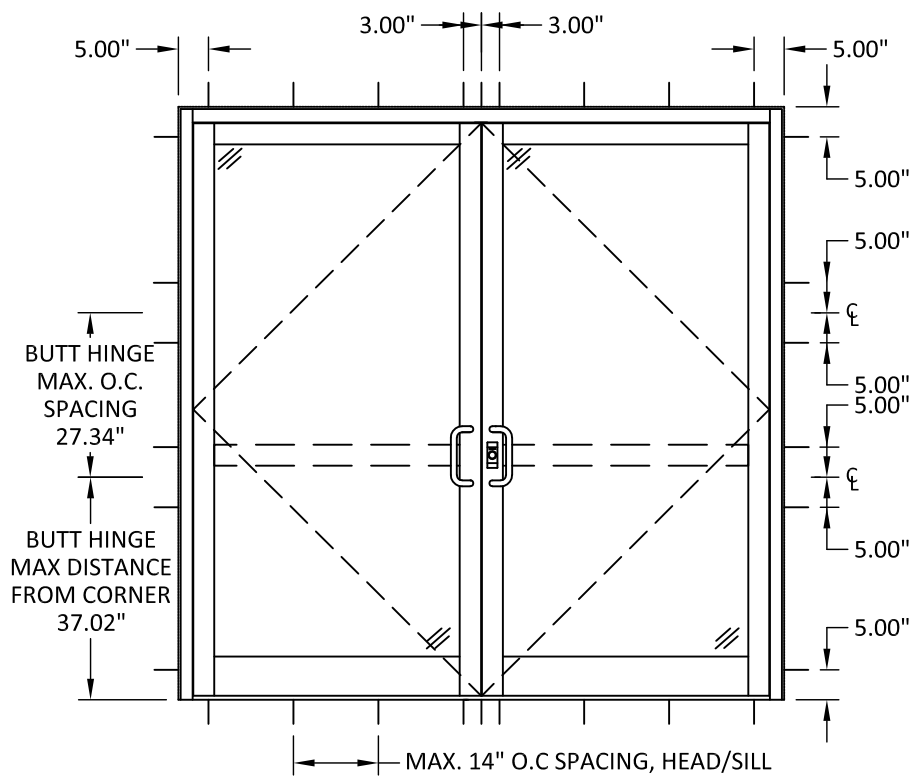
TABLE 2-SINGLE & DOUBLE DOORS QUALIFIED HARDWARE		
DP RATING	IMPACT	HARDWARE
+/-70 PSF	LARGE/SMALL MISSILE	KAWNEER 1686 CVR PANIC DEVICE
+/-70 PSF	LARGE/SMALL MISSILE	FALCON HH1690 CONCEALED ROD EXIT DEVICE
+/-70 PSF	LARGE/SMALL MISSILE	VON DUPRIN HH9947 EXIT DEVICE
+/-70 PSF	LARGE/SMALL MISSILE	MS 1850 - 3 POINT LOCK & FLUSH BOLTS

* = LOCATION OF F-CLIP #30
Δ = LOCATION OF SHEAR BLOCK #33



ELEVATION

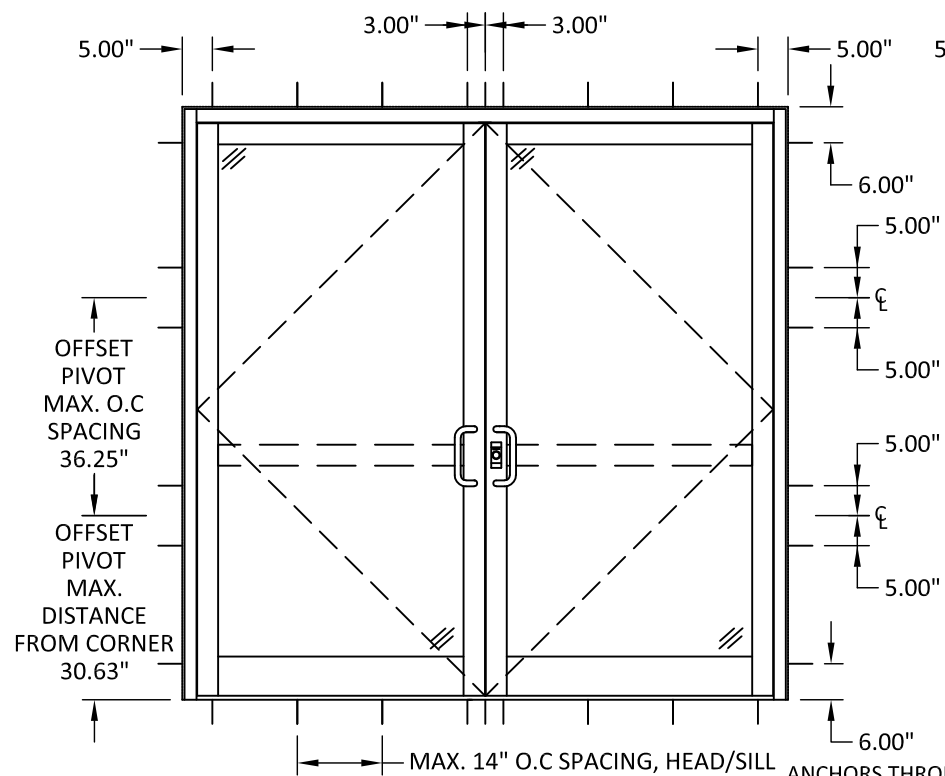
350T THERMAL DOOR WITH 1600 WALL SYSTEM



ANCHOR LAYOUT

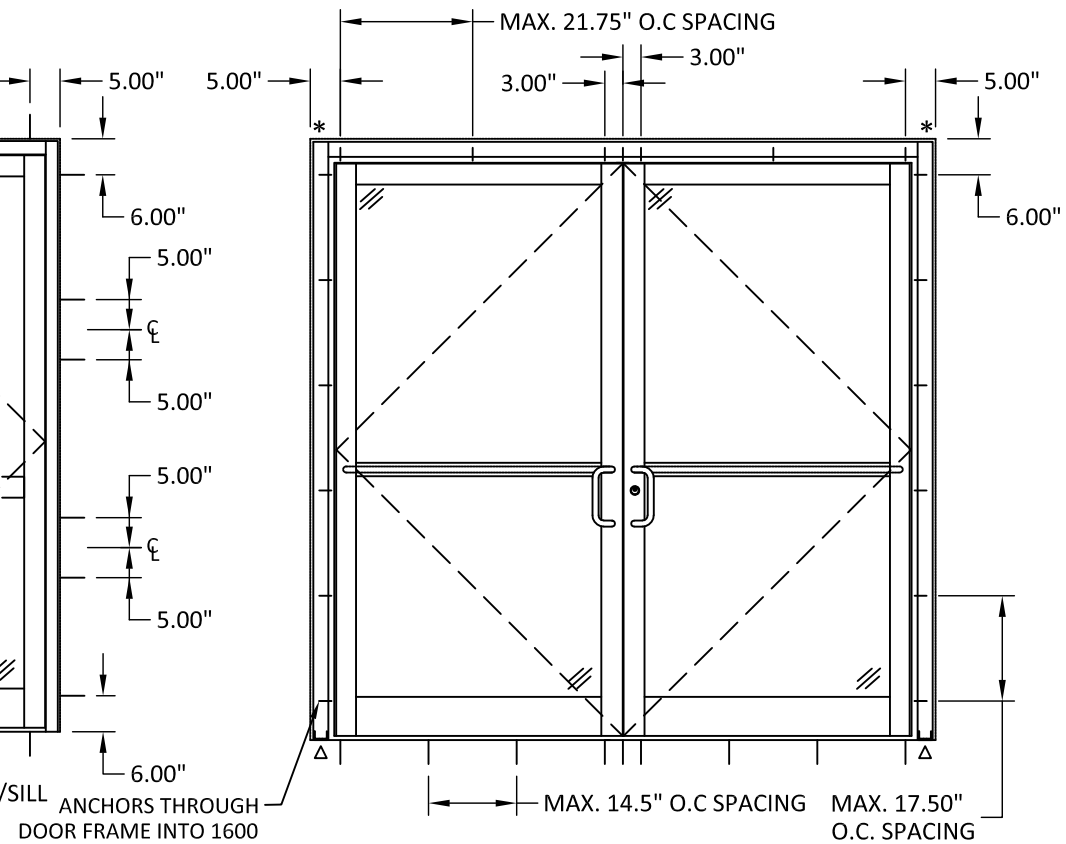
350T THERMAL DOOR WITH 451T SUBFRAME
W/ BUTT HINGE

JAMB USING CONTINUOUS HINGES SHALL HAVE ANCHOR LOCATED AT A MAX 5\"/>



ANCHOR LAYOUT

350T THERMAL DOOR WITH 451T SUBFRAME
W/ OFFSET PIVOT



ANCHOR LAYOUT

350T THERMAL DOOR WITH 1600 WALL SYSTEM



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ELEVATIONS & ANCHOR LAYOUT

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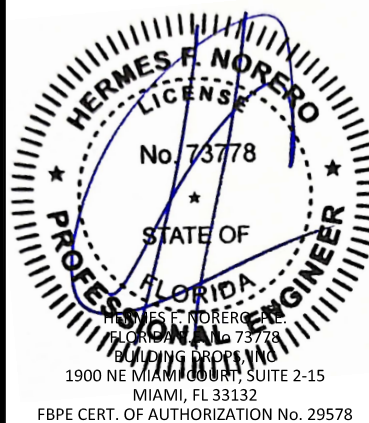
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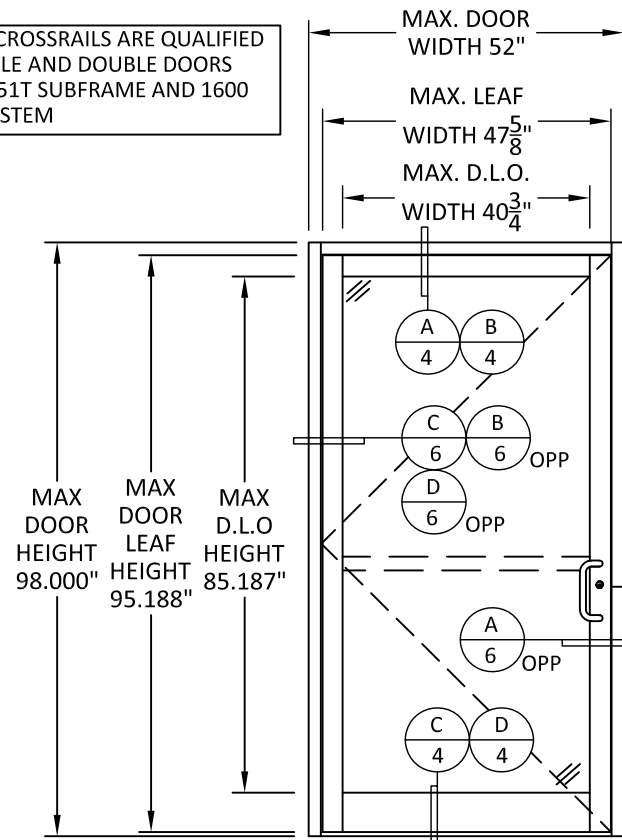
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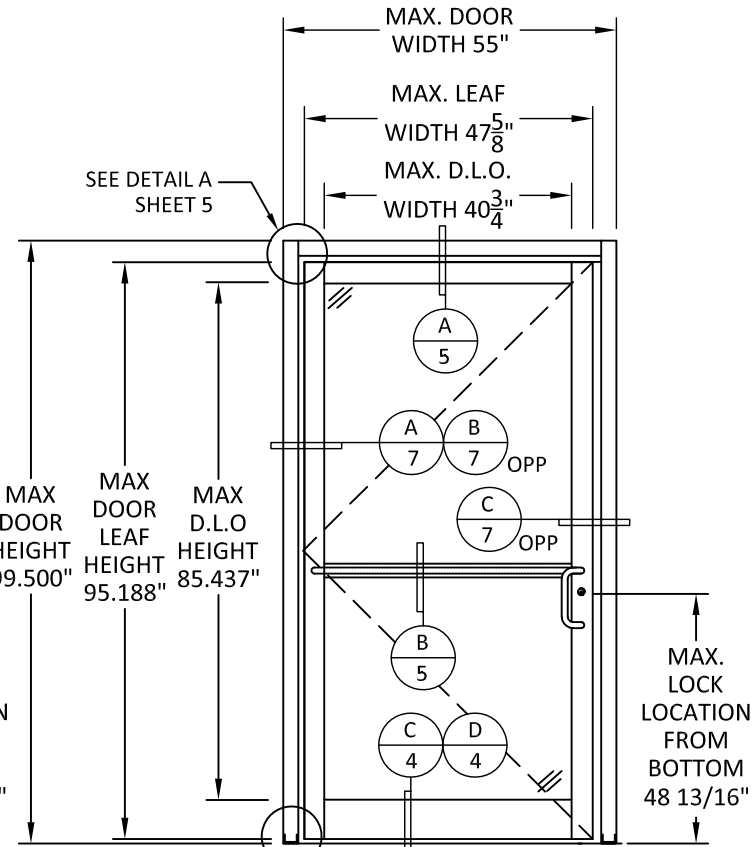


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*NOTE: CROSSRAILS ARE QUALIFIED ON SINGLE AND DOUBLE DOORS USING 451T SUBFRAME AND 1600 WALL SYSTEM



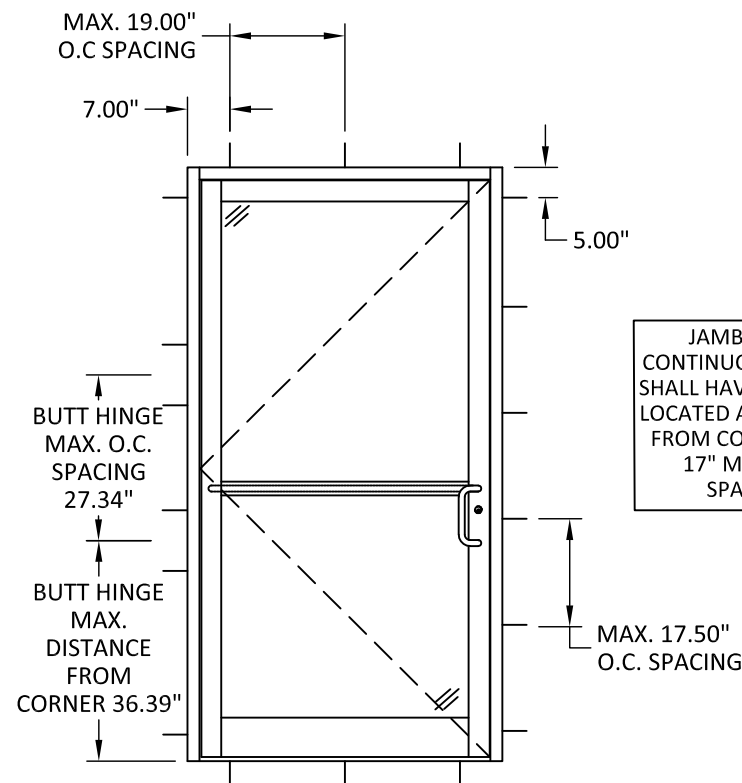
ELEVATION
350T THERMAL SINGLE DOOR
WITH 451T SUBFRAME



ELEVATION
350T THERMAL SINGLE DOOR
WITH 1600 WALL SYSTEM

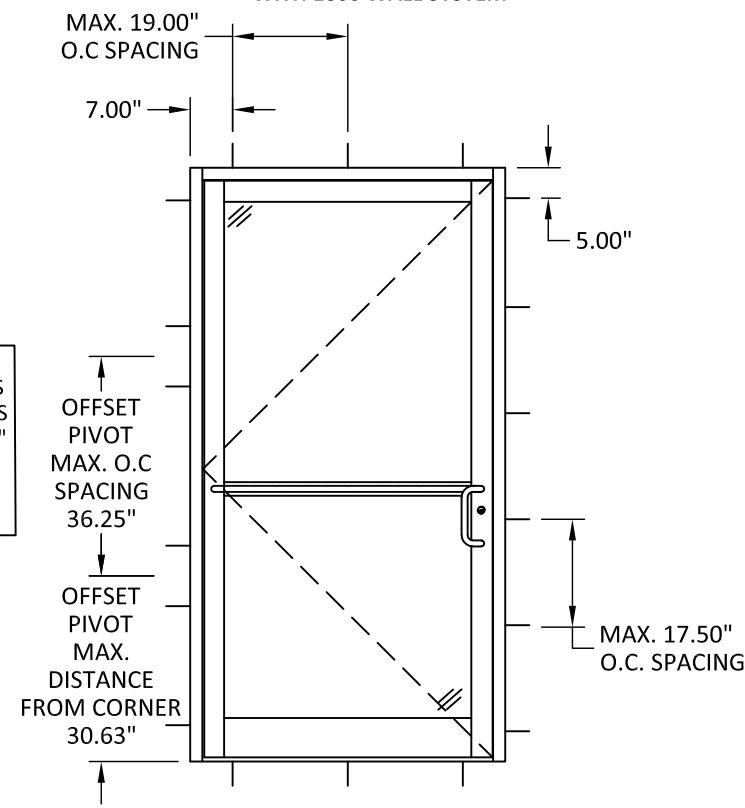
TABLE 3. ANCHOR SCHEDULE FOR DOUBLE AND SINGLE DOORS				
ANCHOR DESCRIPTION	SUBSTRATE REQUIREMENTS	MIN. EMBEDMENT	MIN. EDGE DISTANCE	NOTES
#12 WOOD ANCHOR	MIN. S.G.= 0.55 WOOD	1-1/2"	1"	-
1/4" CONCRETE ANCHOR	CONCRETE F'C=3000 PSI MIN.	1-1/4"	3.00"	DEWALT/ELCO ULTRACONS, ITW RED-HEADS, HILTI KWIK-CON II.
1/4" CONCRETE ANCHOR	C-90 HOLLOW/FILLED BLOCK AT JAMBS F'M=2000 PSI MIN.	1-1/4"	4.00"	DEWALT/ELCO ULTRACONS, ITW RED-HEADS, HILTI KWIK-CON II.
#12 DIA. SELF-DRILLING ANCHOR (GRADE 5)	STEEL: 12 GA. MIN., Fy=36KSI MIN. ALUM: 1/8" MIN, 6063-T5 MIN	3 THREADS PENETRATION BEYOND METAL STRUCTURE	3/4"	STEEL IN CONTACT WITH ALUM. TO BE PLATED OR PAINTED

* = LOCATION OF F-CLIP #30
Δ = LOCATION OF SHEAR BLOCK #33

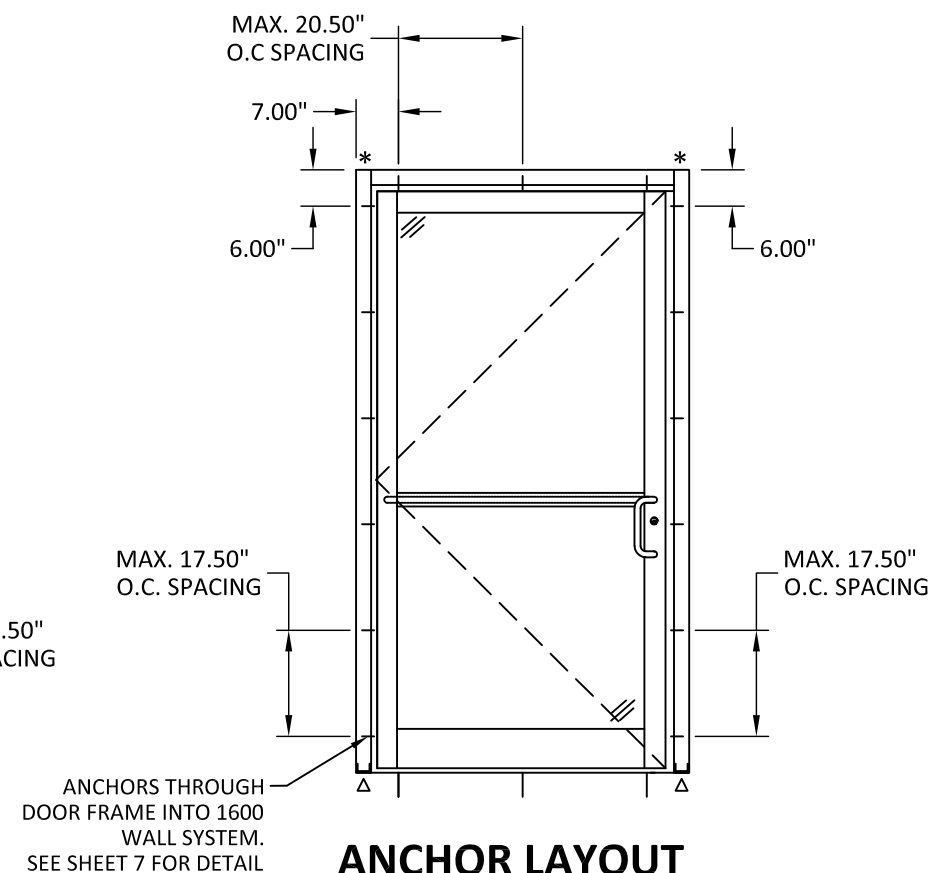


ANCHOR LAYOUT
350T THERMAL DOOR WITH 451T SUBFRAME
W/ BUTT HINGE

JAMB USING CONTINUOUS HINGES SHALL HAVE ANCHORS LOCATED AT A MAX 6" FROM CORNER AND 17" MAX. O.C SPACING



ANCHOR LAYOUT
350T THERMAL DOOR WITH 451T SUBFRAME
W/ OFFSET PIVOT



ANCHOR LAYOUT
350T THERMAL DOOR WITH 1600 WALLSYSTEM



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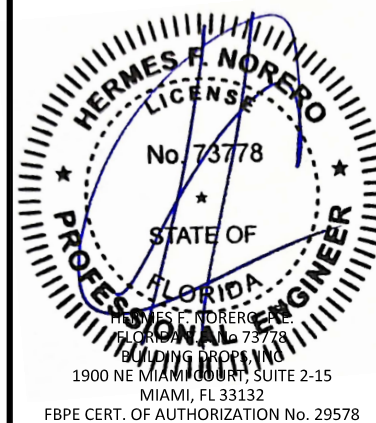
ELEVATIONS AND ANCHOR LAYOUT

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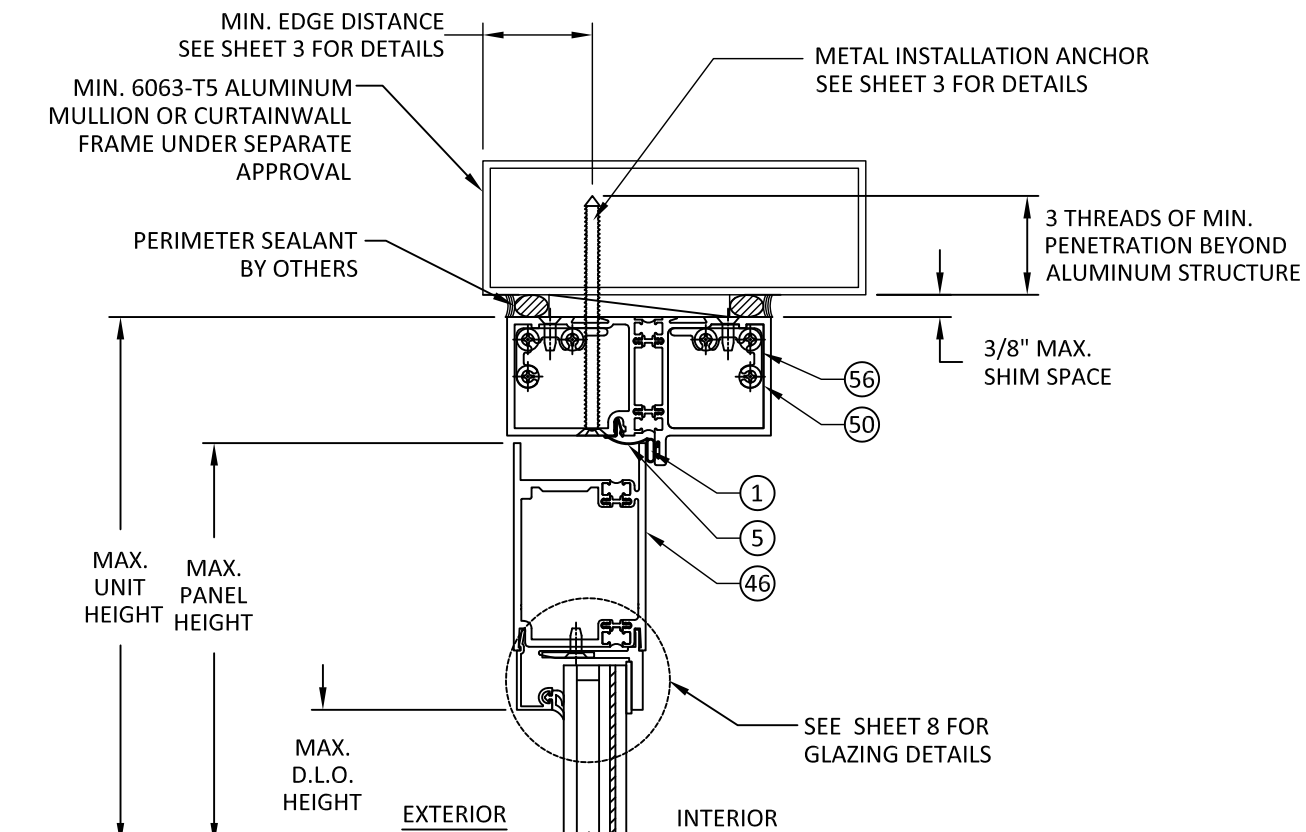
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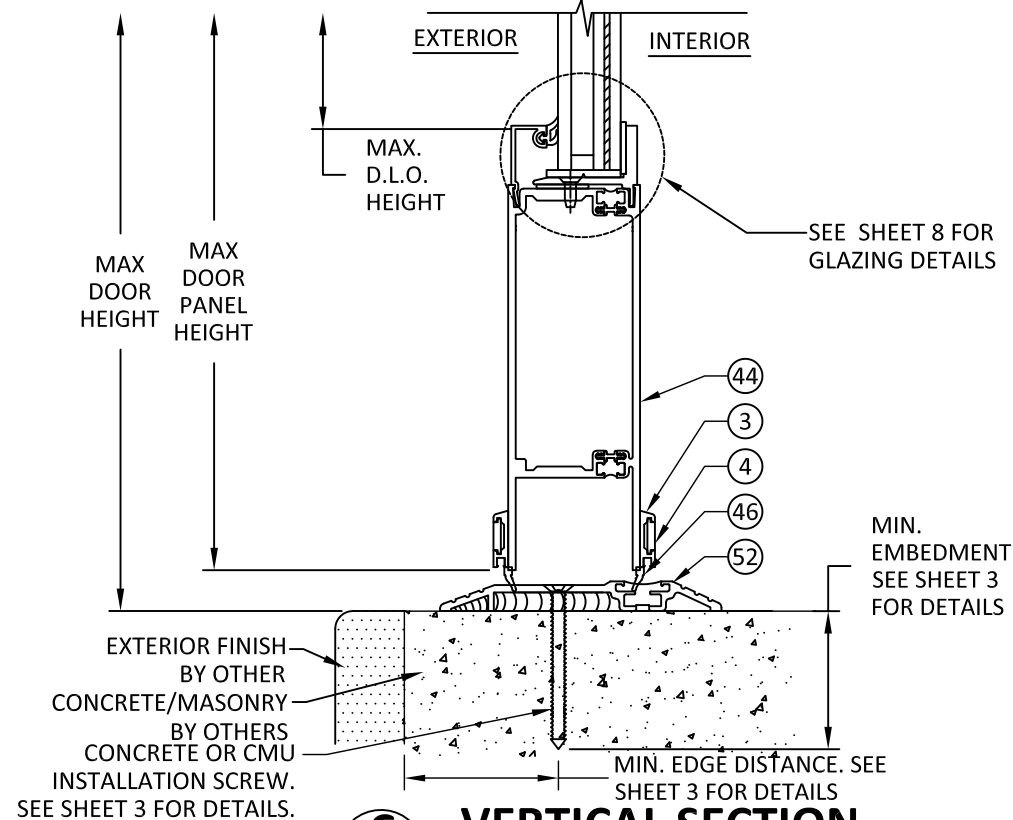


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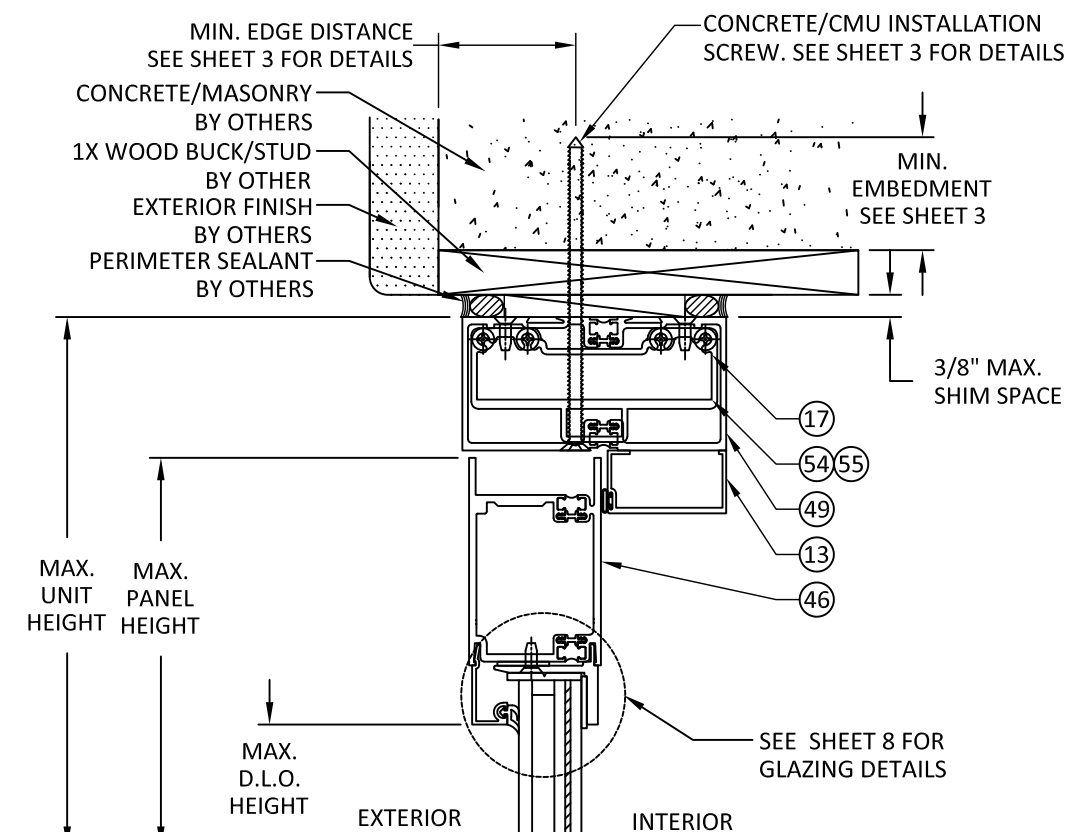
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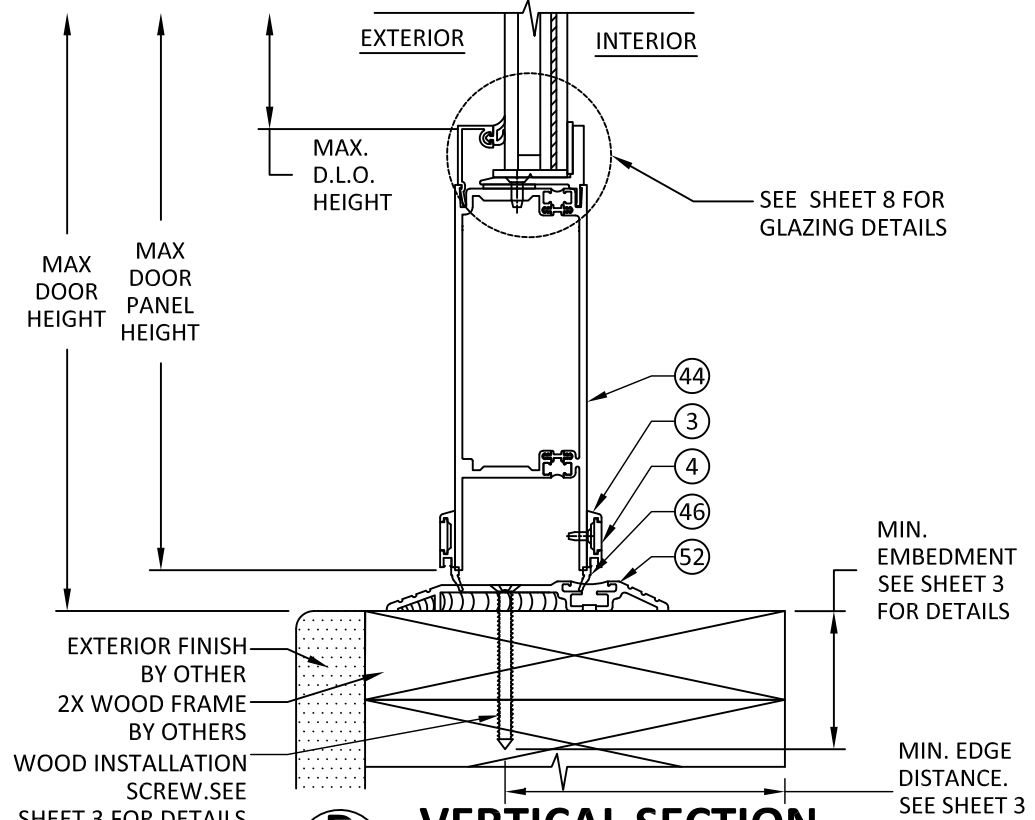
A
4 **VERTICAL SECTION**
350T DOOR & TRIFAB 451T SUBFRAME
HEAD-METAL STRUCTURE



C
4 **VERTICAL SECTION**
350T DOOR & TRIFAB 451T SUBFRAME
SILL - CONCRETE/MASONRY



B
4 **VERTICAL SECTION**
350T DOOR & TRIFAB 451T SUBFRAME
HEAD-CONCRETE/CMU



D
4 **VERTICAL SECTION**
350T DOOR & TRIFAB 451T SUBFRAME
SILL-2X WOOD FRAME



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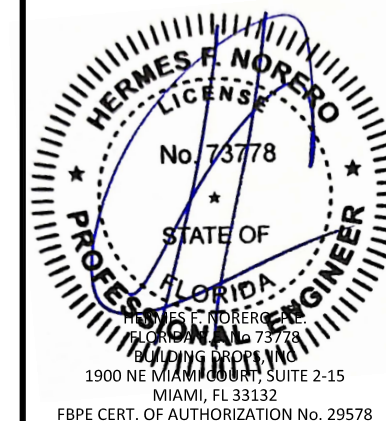
VERTICAL SECTIONS

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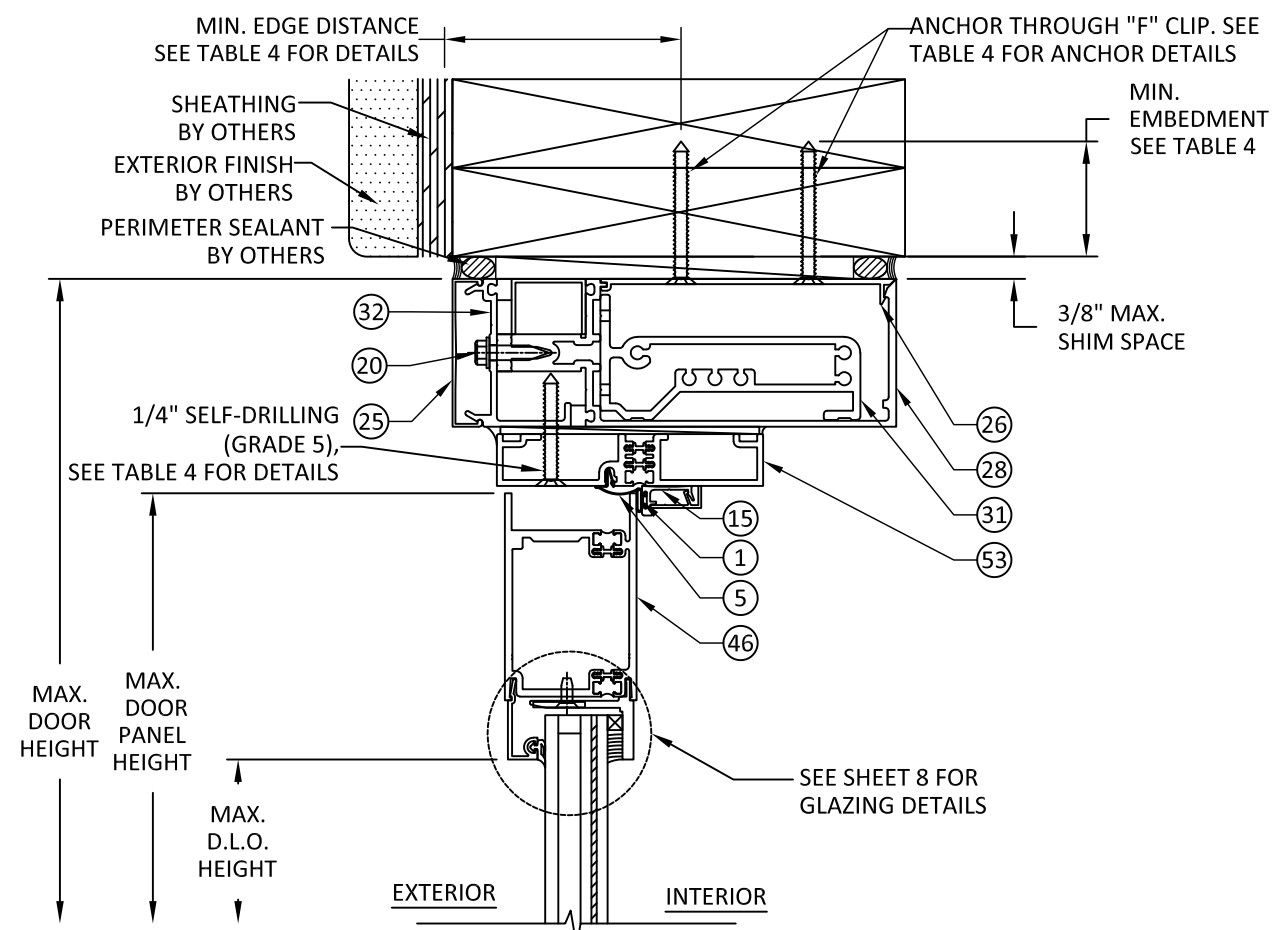
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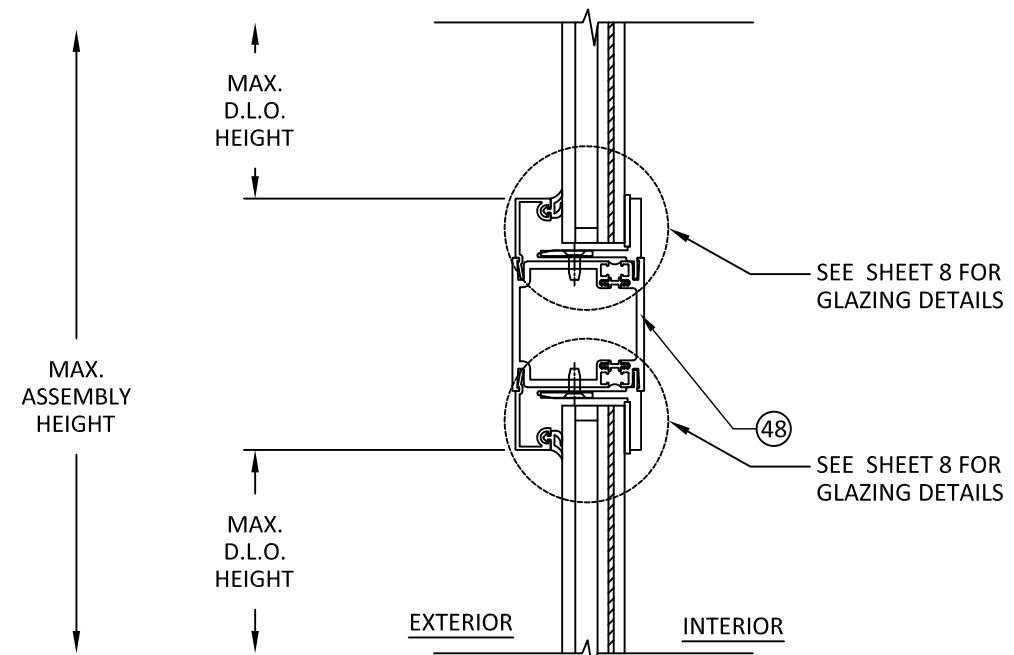
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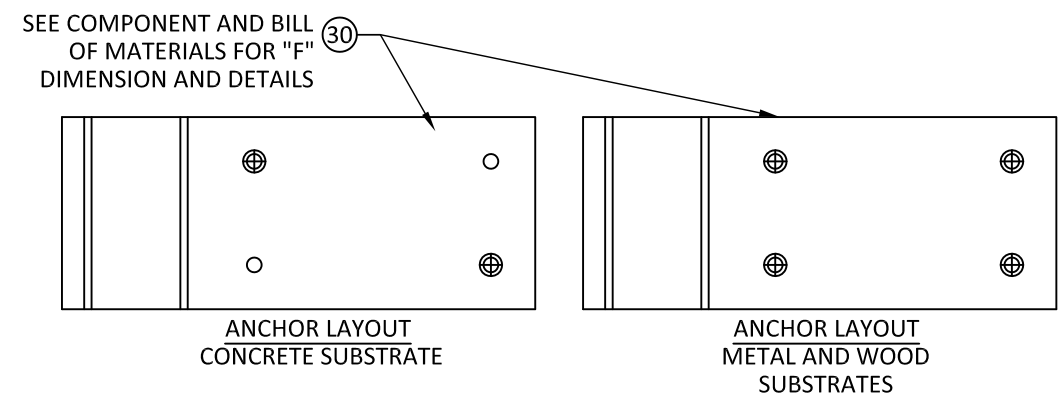
OF 10



A
5
VERTICAL SECTION
350T DOOR & 1600 WALL SYSTEM
HEAD - 2X WOOD FRAME



B
5
VERTICAL SECTION
CROSSRAIL
THERMALLY BROKEN



ANCHOR LAYOUT
CONCRETE SUBSTRATE

ANCHOR LAYOUT
METAL AND WOOD
SUBSTRATES

TABLE 4 ANCHOR SCHEDULE FOR "F" CLIP					
ANCHOR DESCRIPTION	SUBSTRATE REQUIREMENTS	MIN. EMBEDMENT	MIN. EDGE DISTANCE	NUMBER OF ANCHOR	NOTES
#14 WOOD ANCHOR	MIN. S.G.= 0.55 WOOD	1-1/2"	1-5/8"	4	-
1/4" CONCRETE ANCHOR	CONCRETE F'C=3000 PSI MIN.	2.00"	3.00"	2	ITW TAPCONS
1/4" DIA. SELF-DRILLING ANCHOR (GRADE 5)	STEEL: 12 GA. MIN., Fy=36KSI MIN. ALUM: 1/8" MIN, 6063-T5 MIN	3 THREADS PENETRATION BEYOND METAL STRUCTURE	3/4"	4	STEEL IN CONTACT WITH ALUM. TO BE PLATED OR PAINTED

DETAIL A
"F" CLIP ANCHORS

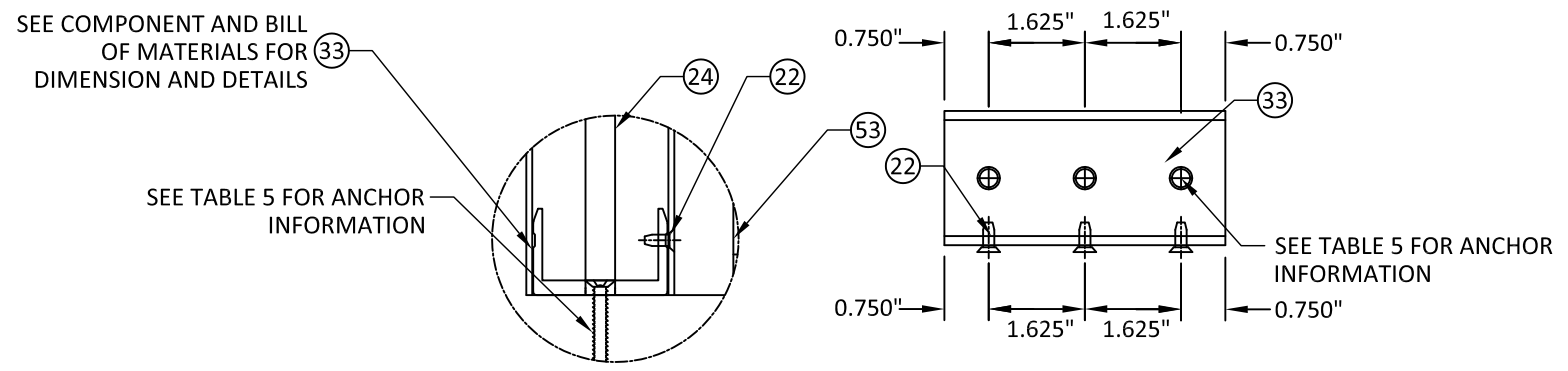
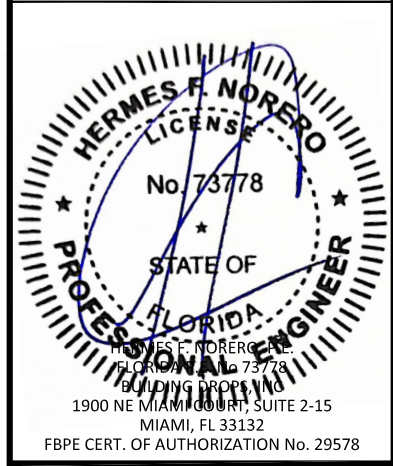


TABLE 5 ANCHOR SCHEDULE FOR 1600 WALL SYSTEM				
ANCHOR DESCRIPTION	SUBSTRATE REQUIREMENTS	MIN. EMBEDMENT	MIN. EDGE DISTANCE	NOTES
5/16" WOOD ANCHOR	MIN. S.G.= 0.55 WOOD	1-1/2"	1-5/8"	DEWALT/ELCO ULTRACONS
5/16" CONCRETE ANCHOR	CONCRETE F'C=3000 PSI MIN.	2-1/4"	2-3/16"	ITW TAPCONS
5/16" DIA. SELF-DRILLING ANCHOR (GRADE 5)	STEEL: 12 GA. MIN., Fy=36KSI MIN. ALUM: 1/8" MIN, 6063-T5 MIN	3 THREADS PENETRATION BEYOND METAL STRUCTURE	3/4"	STEEL IN CONTACT WITH ALUM. TO BE PLATED OR PAINTED

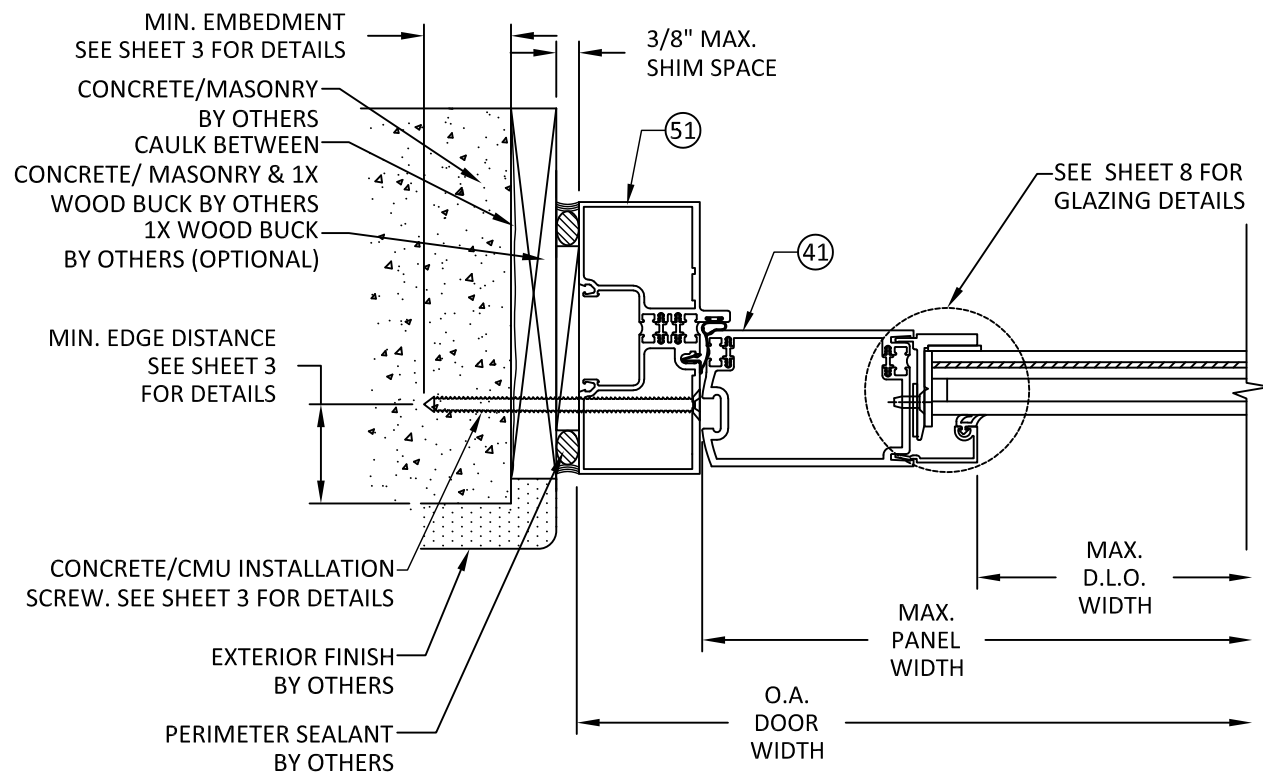
DETAIL B
1600 WALL SYSTEM-IMPACT SHEAR BLOCK
ANCHOR LAYOUT

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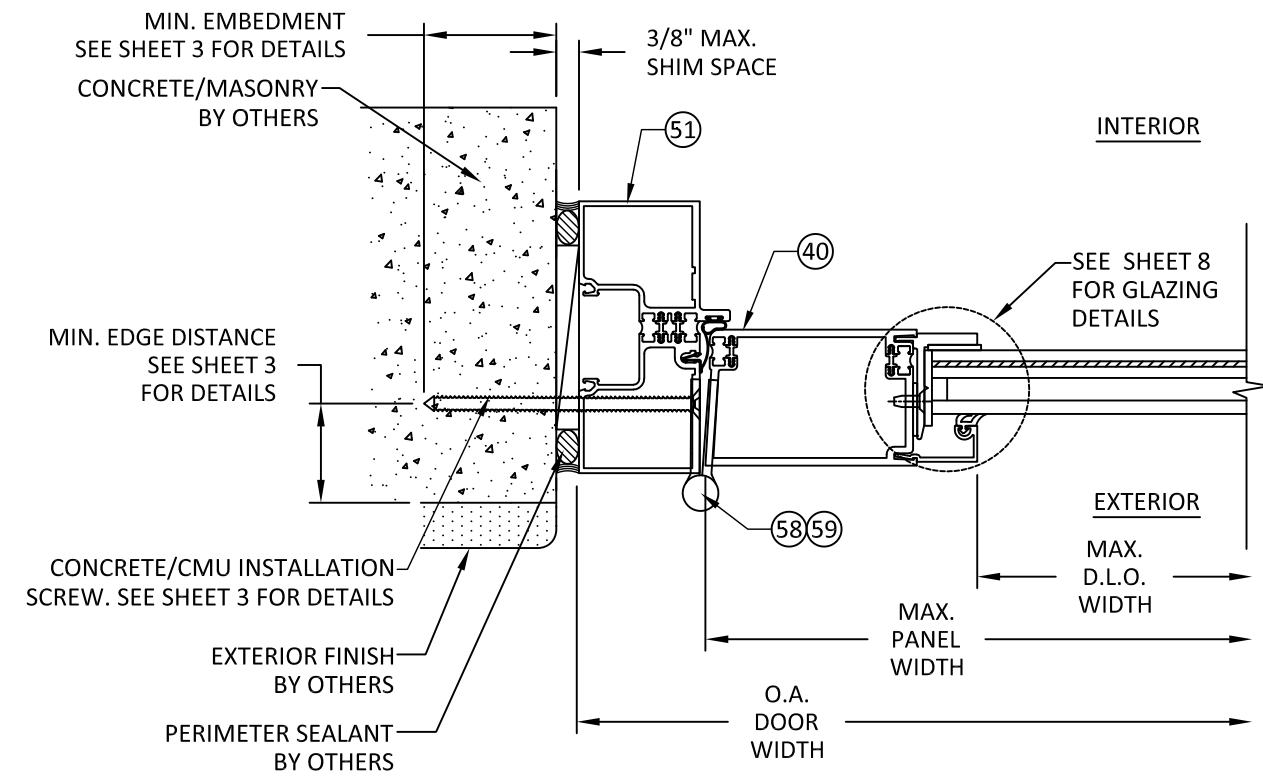
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SHEET:	5



A HORIZONTAL SECTION
6 350T DOOR & TRIFAB 451T SUBFRAME
JAMB-CONCRETE/CMU



C HORIZONTAL SECTION
6 350T DOOR & TRIFAB 451T SUBFRAME
JAMB-CONCRETE/MASONRY

INTERIOR

SEE SHEET 8 FOR
GLAZING DETAILS

EXTERIOR

MAX.
D.L.O.
WIDTH

MAX.
D.L.O.
WIDTH

O.A.
DOOR
WIDTH

*NOTE:
CONTINUOUS HINGE SHOWN
BUTT AND PIVOT HINGE APPROVED
WITH CORRESPONDING STILE.

INTERIOR

SEE SHEET 8 FOR
GLAZING
DETAILS

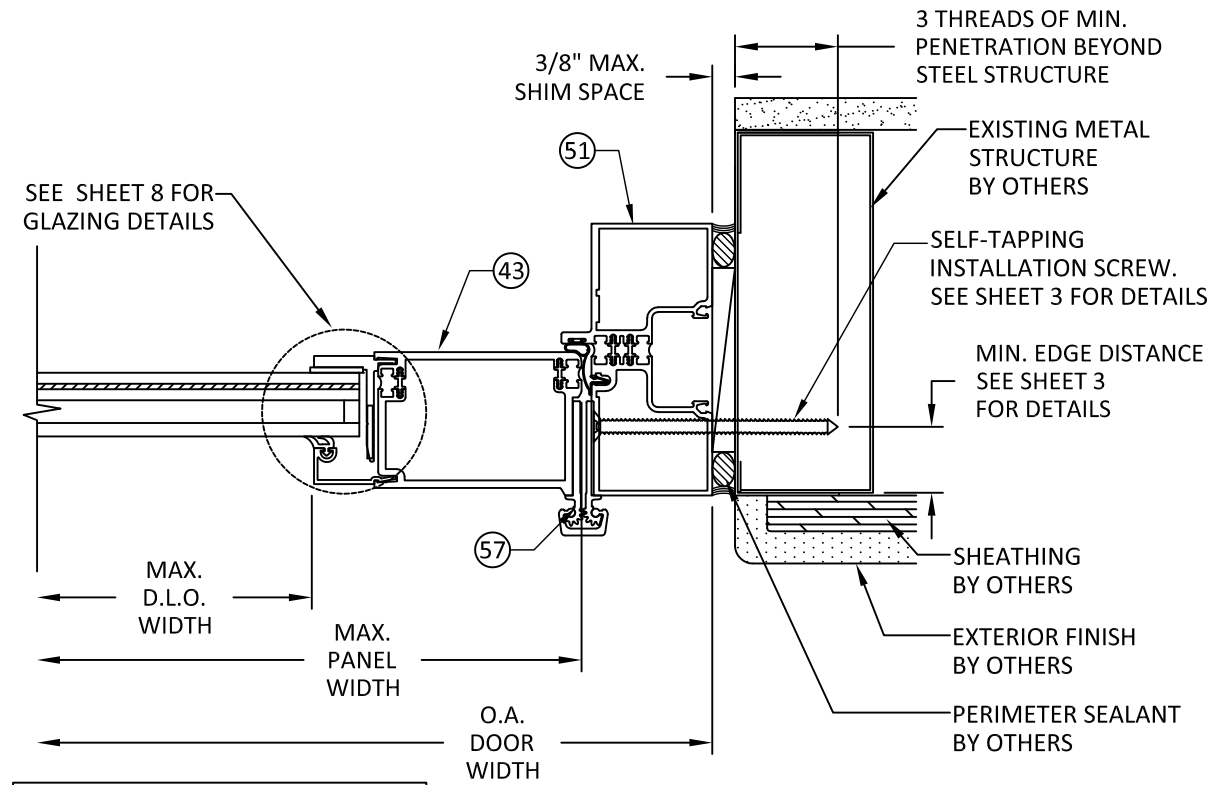
EXTERIOR

MAX.
D.L.O.
WIDTH

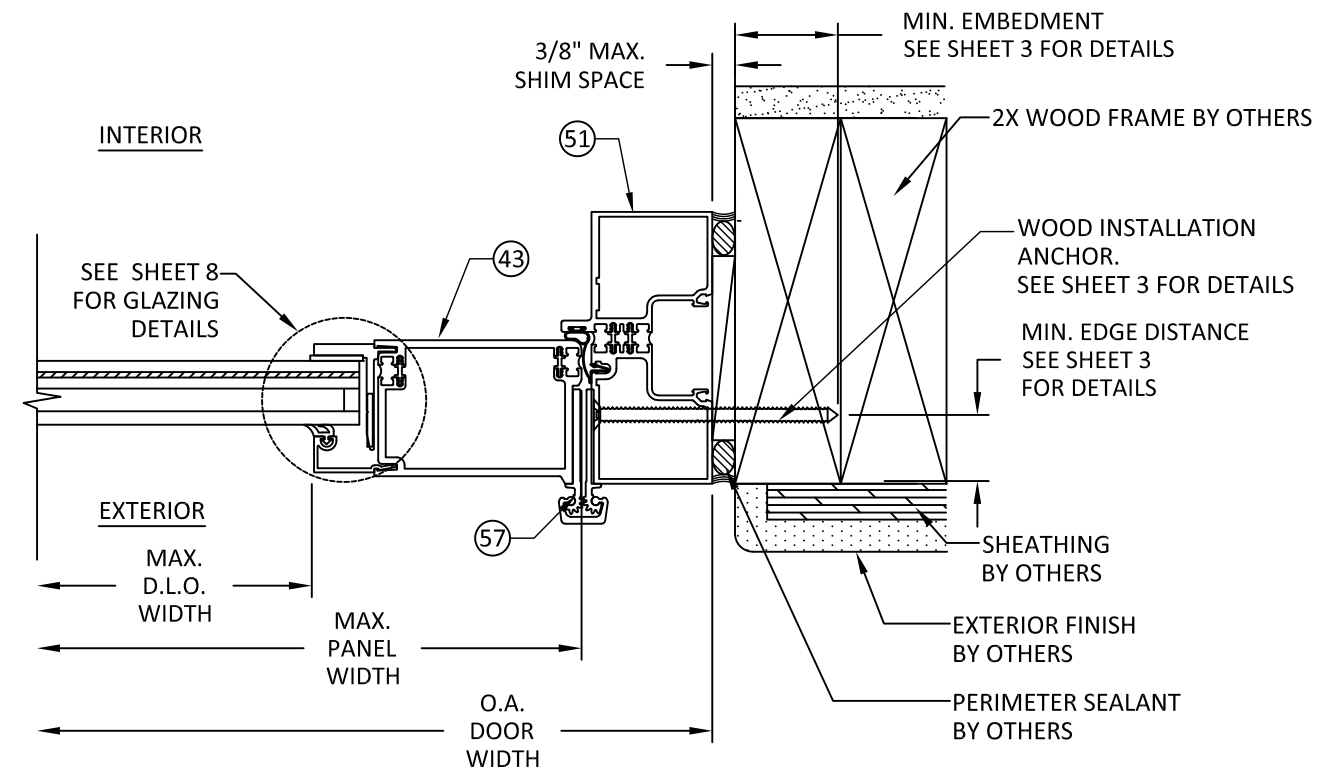
MAX.
D.L.O.
WIDTH

O.A.
DOOR
WIDTH

D HORIZONTAL SECTION
6 350T DOOR & TRIFAB 451T SUBFRAME
JAMB-2X WOOD BUCK



B HORIZONTAL SECTION
6 350T DOOR & TRIFAB 451T SUBFRAME
JAMB-METAL STRUCTURE



D HORIZONTAL SECTION
6 350T DOOR & TRIFAB 451T SUBFRAME
JAMB-2X WOOD BUCK



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HORIZONTAL SECTIONS

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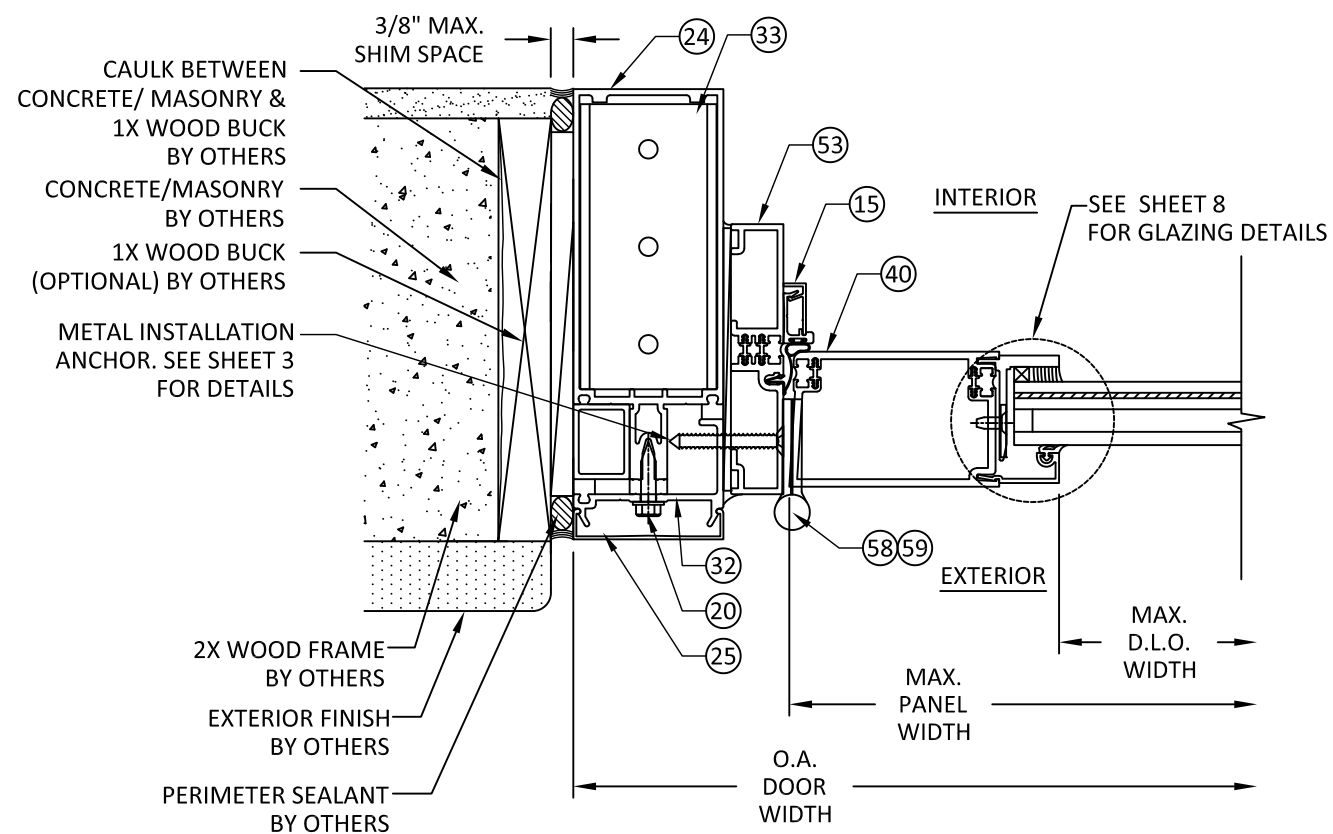


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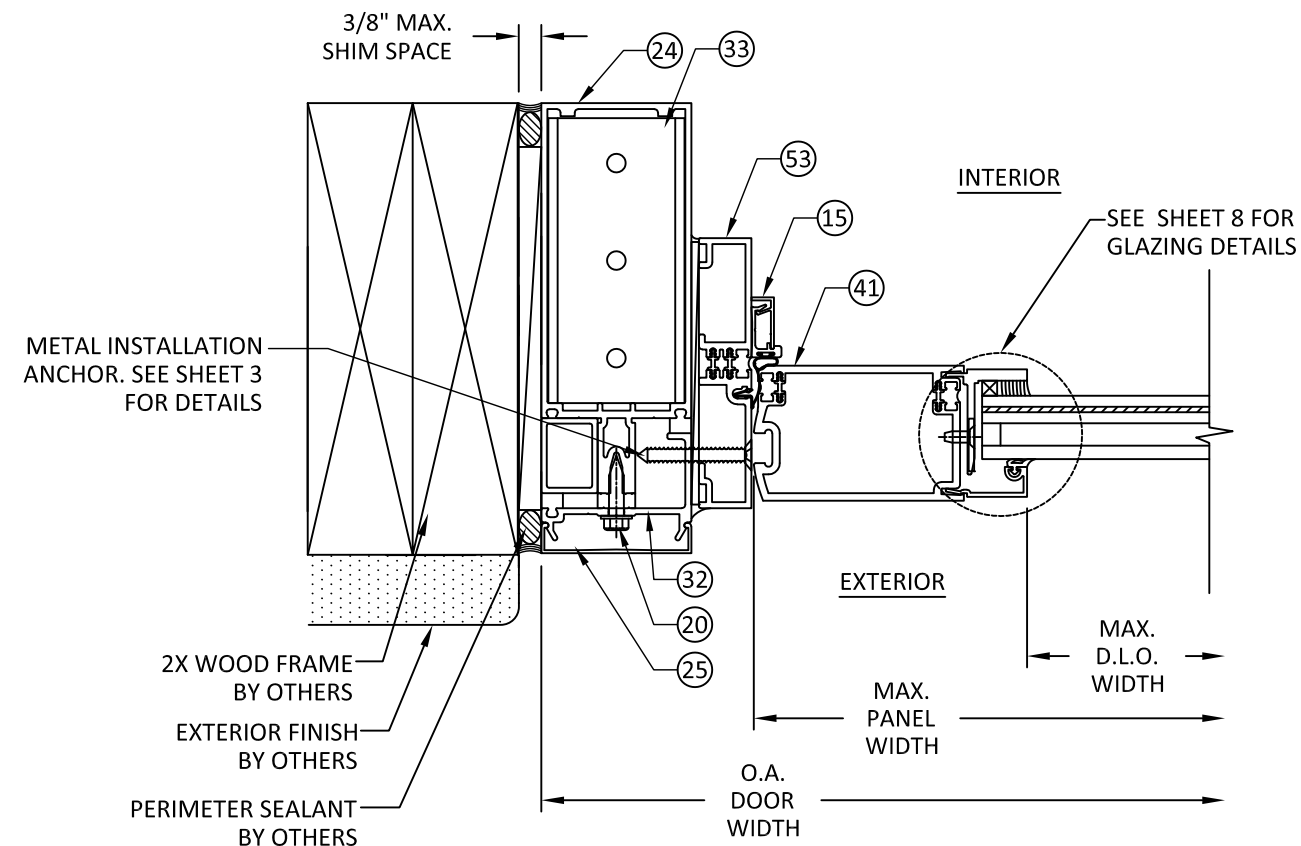
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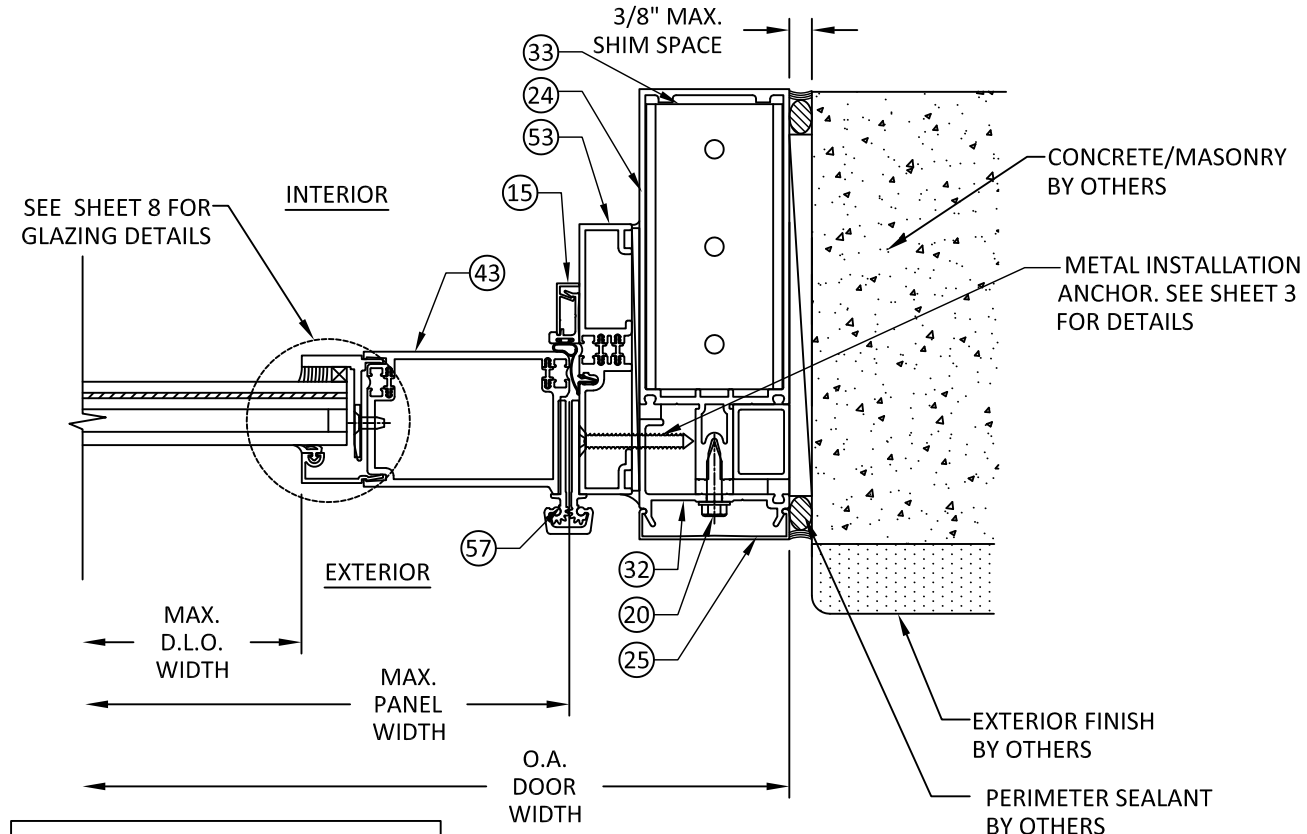
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SCALE:	NTS
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A HORIZONTAL SECTION
7 350T DOOR & 1600 WALL SYSTEM
 JAMB

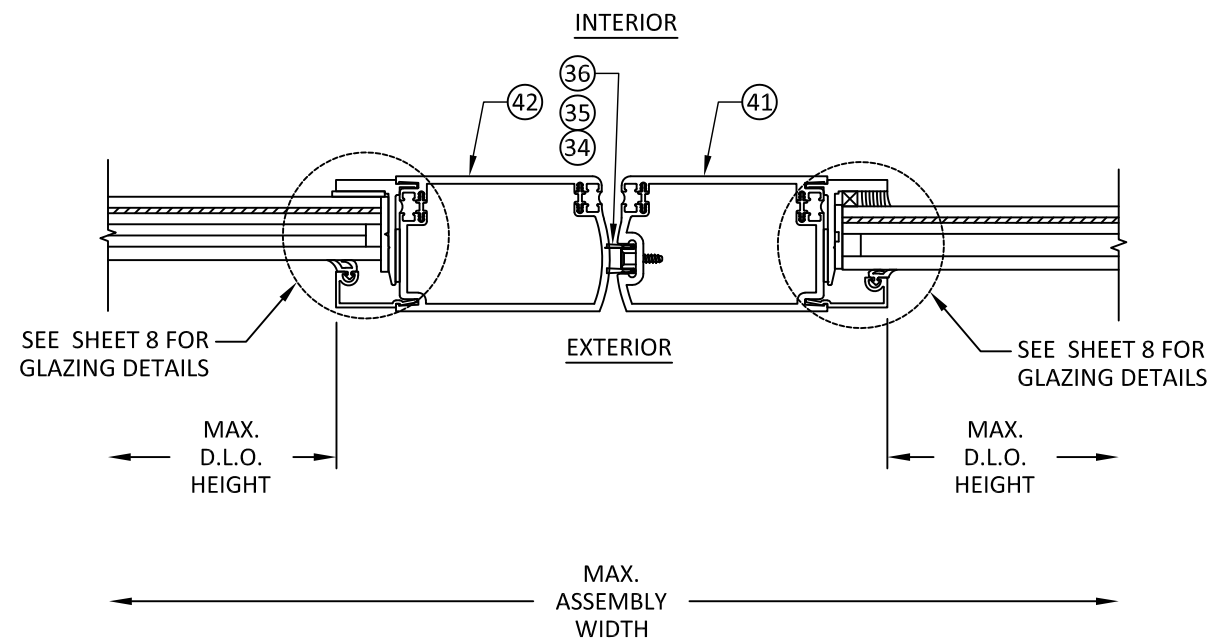


C HORIZONTAL SECTION
7 350T DOOR & 1600 WALL SYSTEM
 JAMB



B HORIZONTAL SECTION
7 350T DOOR & 1600 WALL SYSTEM
 JAMB

***NOTE:**
 1. CONTINUOUS HINGE SHOWN
 BUTT AND PIVOT HINGE APPROVED
 WITH CORRESPONDING STILE.
 2. ITEM #20 SHOULD SPACED AT
 3.0\"/>



D HORIZONTAL SECTION
7 ASTRAGAL
 THERMALLY BROKEN



KAWNEER COMPANY

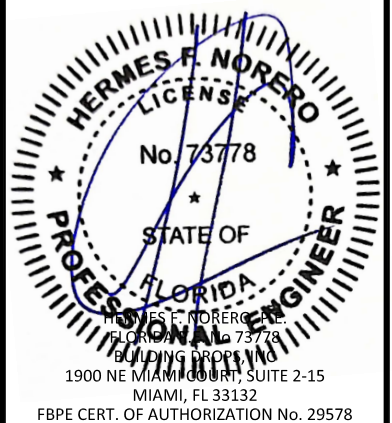
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 NORCROSS, GA 30092
 PH: (770) 840-6431

TITLE: INSULPOUR 350T
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 (HVHZ)(IMPACT)
 VERTICAL SECTIONS

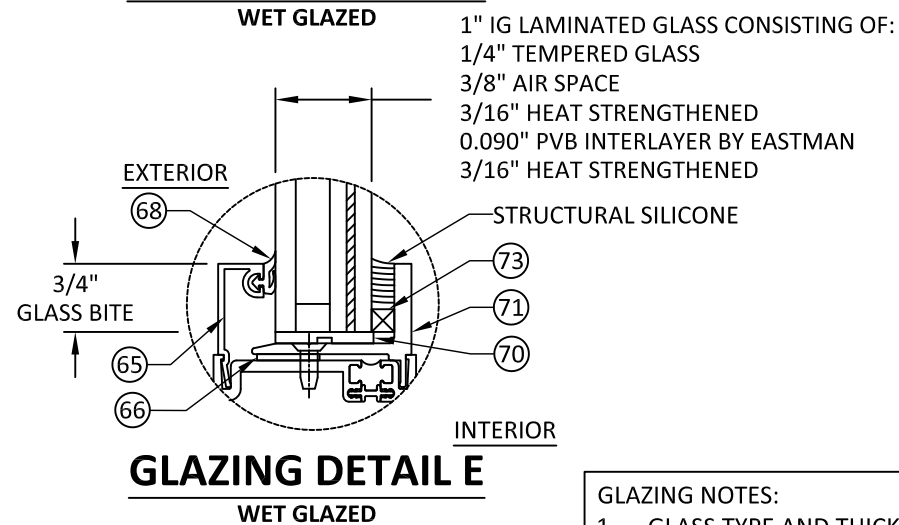
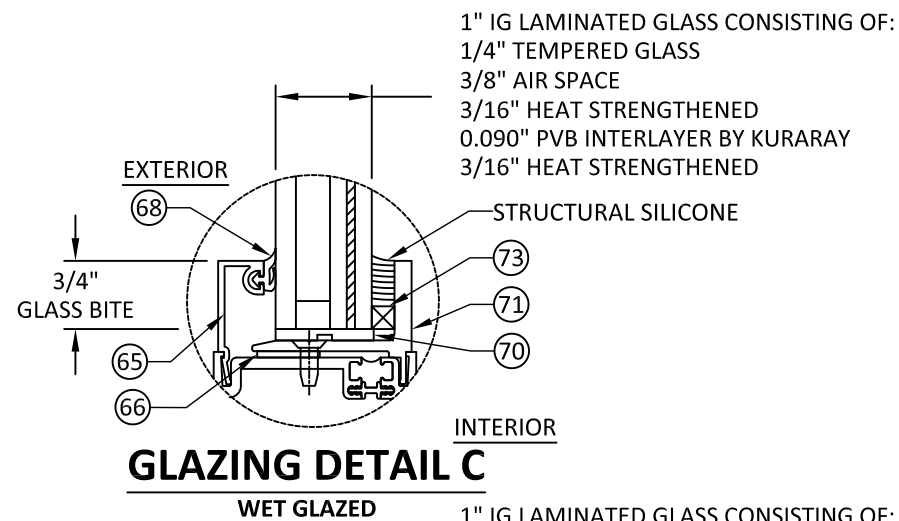
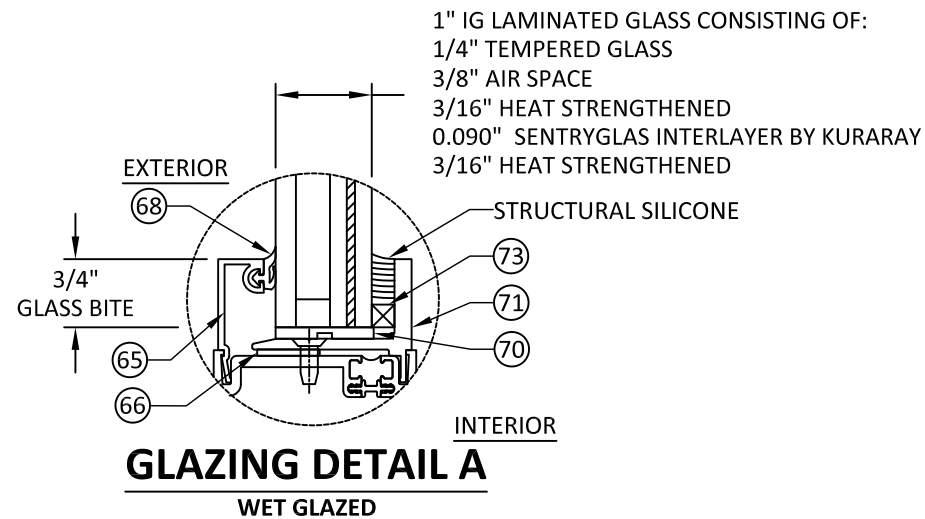
PREPARED BY: BUILDING DROPS, INC.
 1900 NE MIAMI COURT, SUITE 2-15
 MIAMI, FL 33132
 PH: (954)399-8478
 FAX: (954)744-4738
 WEB: www.buildingdrops.com

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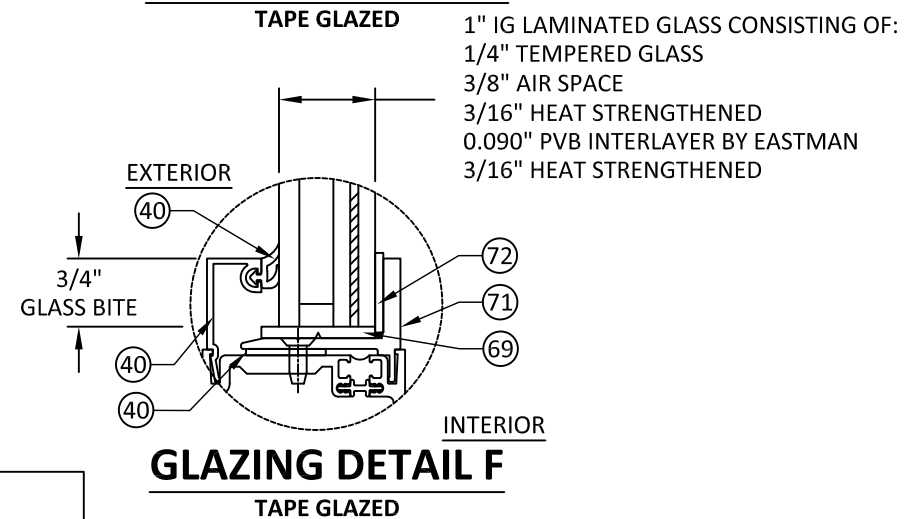
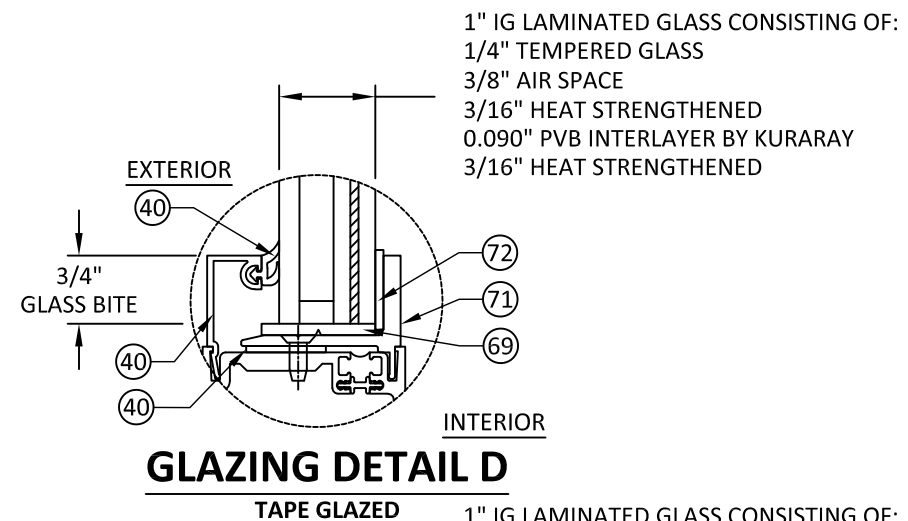
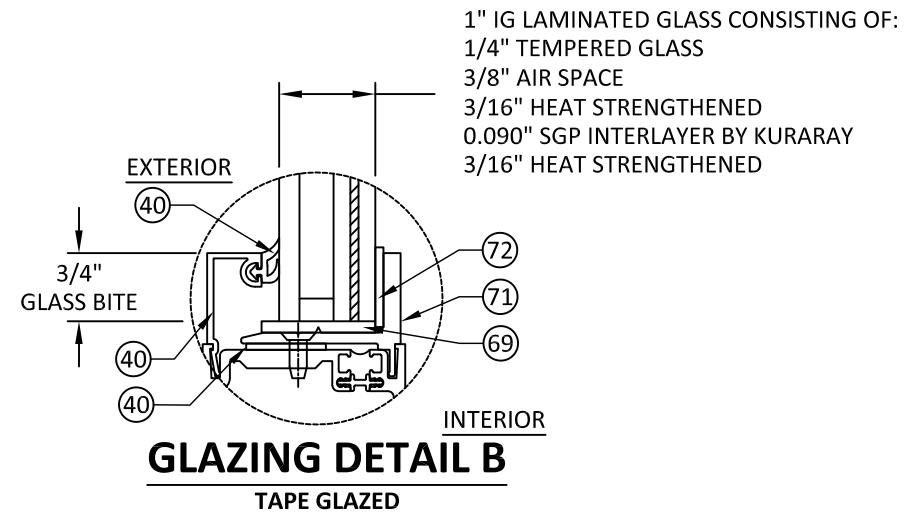


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GLAZING NOTES:

- GLASS TYPE AND THICKNESS COMPLIES WITH ASTM E1300 REQUIREMENTS AS WELL AS APPLICABLE SAFETY GLAZING REQUIREMENTS PER THE FBC. THICKNESS, 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.



KAWNEER COMPANY

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TITLE: INSULPOUR 350T
THERMAL ENTRANCE
(HVHZ)(IMPACT)

GLAZING DETAILS

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8

OF 10

BILL OF MATERIAL			
ID NO.	PART NO.	DESCRIPTION	MATERIAL
1	027078	BULB DOOR WEATHERING	DENSE RUBBER
2	027309	ADJUSTABLE DOOR SWEEP WEATHERING	BLACK EPDM
3	027406	ADJUSTABLE DOOR SWEEP	6063-T6 ALUMINUM
4	027407	ADJUSTABLE DOOR SWEEP FILLER	6063-T6 ALUMINUM
5	027413	THERMAL DOOR WEATHERING	POLYPROPYLENE
6	027857	FIXED GASKET	BLACK EPDM
7	028260	DOOR STOP FASTENER	300 STAINLESS STEEL
8	028315	DOOR SWEEP FASTENER	300 STAINLESS STEEL
9	028336	DOOR STOP FASTENER	300 STAINLESS STEEL
10	028400	SHEAR BLOCK SCREW	300 STAINLESS STEEL
11	028845	THRESHOLD CLIP SCREW	300 STAINLESS STEEL
12	028985	SHEAR BLOCK SCREW	300 STAINLESS STEEL
13	041045	COC STD DOOR STOP	6063-T6 ALUMINUM
14	049896	THRESHOLD TO JAMB CLIP	1010-1020 H.R. STEEL
15	----	-----	-----
16	127231/127251	THERMAL DOOR/FRAME CLIP - 0.210	POLYPROPYLENE
17	128345	SHEAR BLOCK SCREW	300 STAINLESS STEEL
18	128394	SHEAR BLOCK FASTENER	300 STAINLESS STEEL
19	128405	SHEAR BLOCK FASTENER	300 STAINLESS STEEL
20	128406	1/4"-14 X 1" PERIMETER FASTENER	300 STAINLESS STEEL
21	128439	ADJUSTING SCREW FOR ADJUSTABLE ASTRAGAL	CARBON STEEL
22	128910	SHEAR BLOCK SCREW	300 STAINLESS STEEL
23	----	-----	-----
24	162003	VERTICAL/HORIZONTAL MULLION	6063-T6 ALUMINUM
25	162006	EXTERIOR COVER	6063-T6 ALUMINUM
26	162020	OPEN BACK FILLER	6063-T6 ALUMINUM
27	162079	PERIMETER CHANNEL	6063-T6 ALUMINUM
28	162095	OPEN BACK HORIZONTAL	6063-T6 ALUMINUM
29	162310	THERMAL BREAK	BLACK EPDM
30	162311	F ANCHOR	6063-T6 ALUMINUM
31	162332	SHEAR BLOCK	6063-T6 ALUMINUM
32	162505	PRESSURE PLATE	6063-T6 ALUMINUM
33	162545	IMPACT SHEAR BLOCK	6063-T6 ALUMINUM
34	200405	TOP ASTRAGAL	VARIES
35	200406	BOTTOM ASTRAGAL	VARIES
36	200496	ADJUSTABLE ASTRAGAL	VARIES
37	----	-----	-----
38	----	-----	-----
39	----	-----	-----
40	532104	3-1/2" DOOR STILE	6063-T6 ALUMINUM
41	532105	3-1/2" ACTIVE DOOR STILE	6063-T6 ALUMINUM
42	532106	3-1/2" INACTIVE DOOR STILE	6063-T6 ALUMINUM
43	532111	3-1/2" CGH DOOR STILE	6063-T6 ALUMINUM
44	532121	6-1/2" BOTTOM RAIL DEEP WEB	6063-T6 ALUMINUM
45	----	-----	-----
46	532124	3-1/2" TOP RAIL STD. WEB	6063-T6 ALUMINUM
47	----	-----	-----
48	532132	2-1/4" CROSS RAIL	6063-T6 ALUMINUM
49	534101	COC TRANSOM HEAD 451T	6063-T6 ALUMINUM
50	534102	STD. TRANSOM HEAD 451T	6063-T6 ALUMINUM
51	534103	THERMAL DOOR JAMB 451T	6063-T6 ALUMINUM

52	534107	POUR & DEBRIDGE THRESHOLD	6063-T6 ALUMINUM
53	534108	1600 WALL ADAPTER	6063-T6 ALUMINUM
54	534400	COC SHEAR BLOCK OFFSET PIVOT	6063-T6 ALUMINUM
55	534401	COC SHEAR BLOCK / HAGAR / STANLEY McKINNEY BUTT HINGE	6063-T6 ALUMINUM
56	534402	SHEAR BLOCK THERMAL DOOR	6063-T6 ALUMINUM
57	50821	HAGAR/ROTON/STANLEY/IVES GEARED HINGE	VARIES
58	VARIES	RIXSON OFFSET PIVOT SET	VARIES
59	037264	NRP 4-1/2" x 4" BALL BEARING HINGE	VARIES
60	VARIES	FALCON HH1690 CONCEALED ROD EXIT DEVICE	VARIES
61	133571HH	VON DUPRIN HH9947 CVR EXIT DEVICE	VARIES
62	VARIES	1850 MS LOCK SET	VARIES
63	50079	HURRICANE IMPACT FLUSHBOLT	VARIES
64	137705	CLASSIC C09 CP II PUSH/PULL PACKAGE	VARIES
65	575041	GLASS STOP	6063-T6 ALUMINUM
66	127171	3-M VHB STRUCTURAL GLAZING TAPE	-----
67	128910	#10 X 1/2" FHTF SCREW TYPE B	-----
68	27563	WEATHERING	EPDM
69	27907	SETTING BLOCK	DUROMETER
70	027394-SI	SETTING BLOCK	DUROMETER
71	575030	1" THERMAL DR INT GL. STOP	-----
72	200948	GLAZING TAPE PACKAGE ANODIZED	-----
73	127095	1/4" X 1/4" SPACER-NORTON V2200	-----
74	VARIES	KAWNEER 1686 CVR PANIC DEVICE	-----



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THERMAL ENTRANCE
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BILL OF MATERIAL



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1900 NE MIAMI COURT, SUITE 2-15

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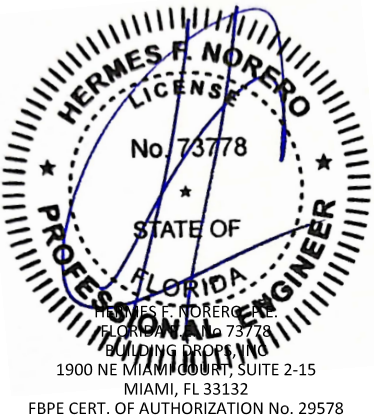
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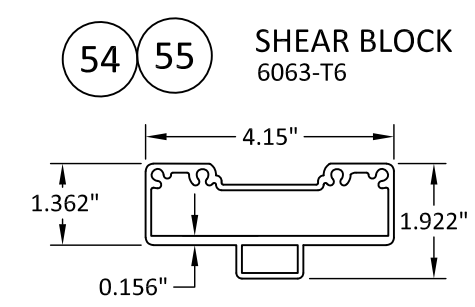
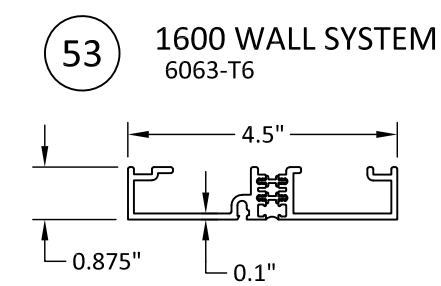
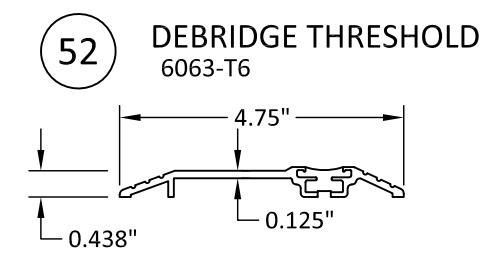
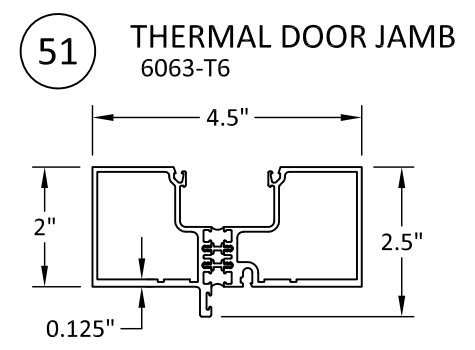
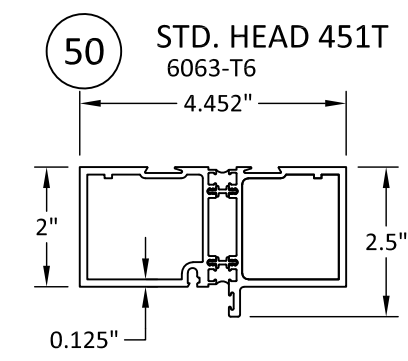
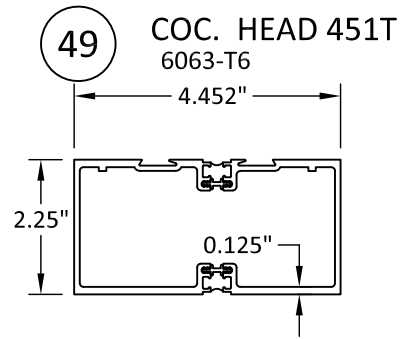
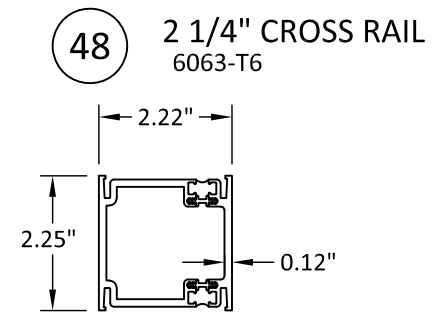
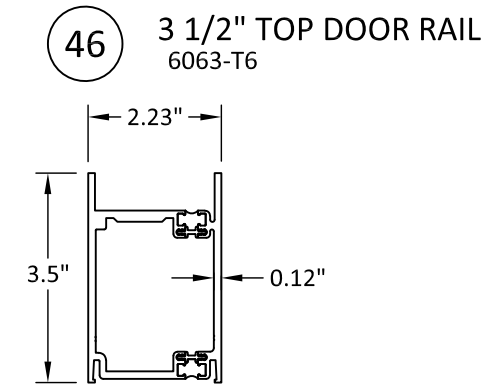
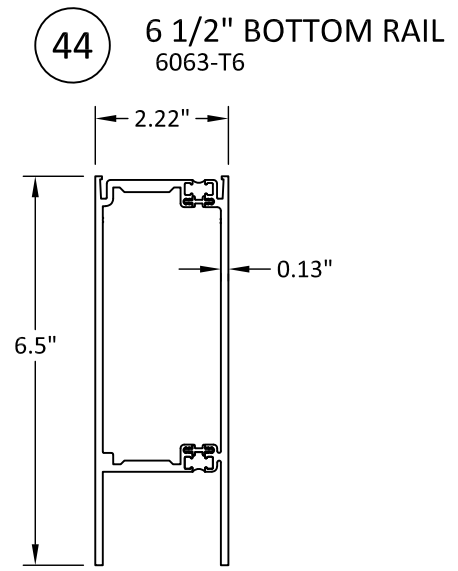
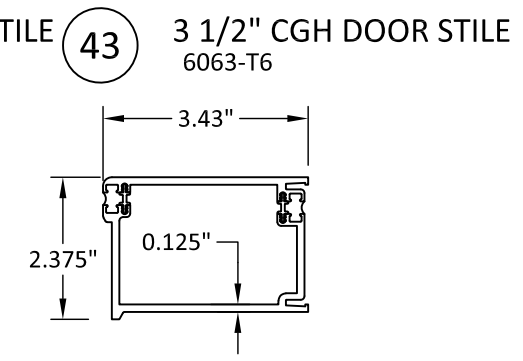
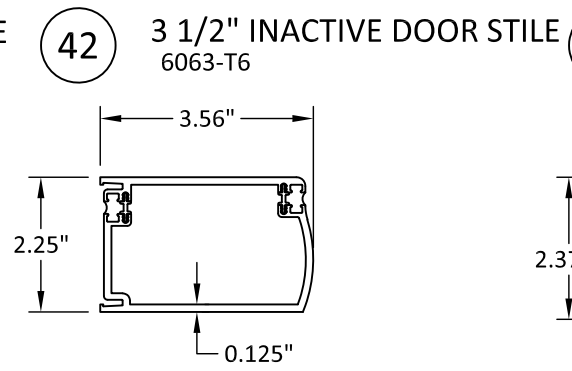
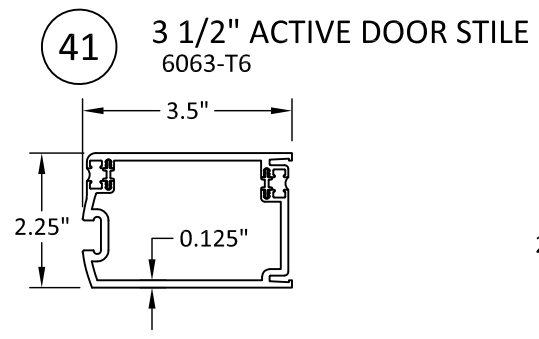
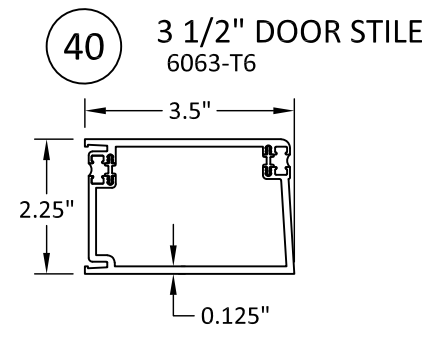
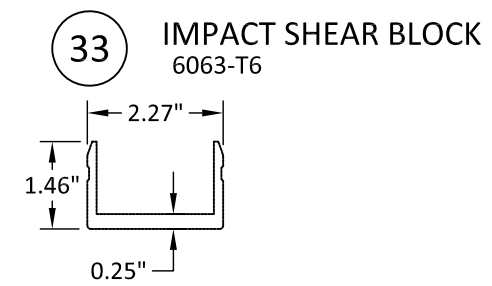
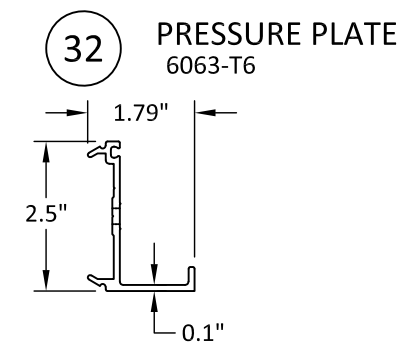
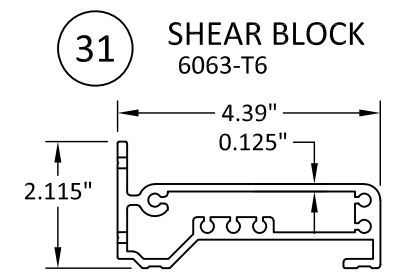
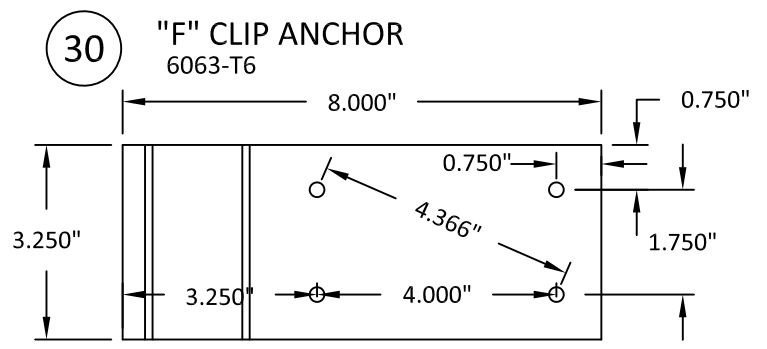
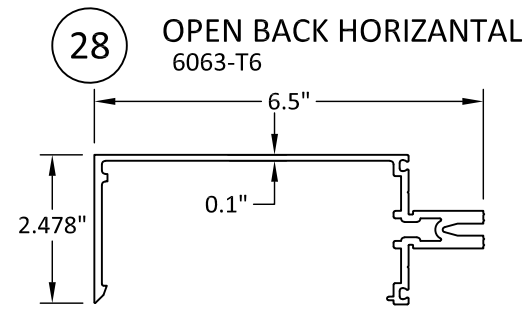
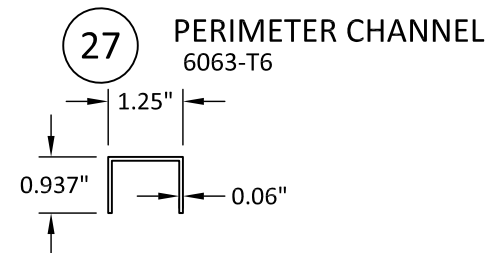
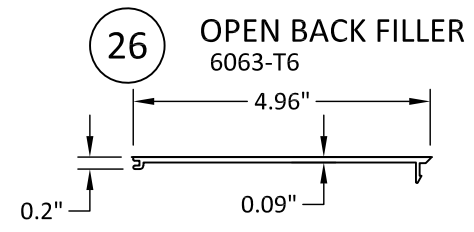
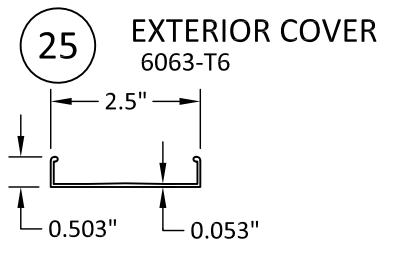
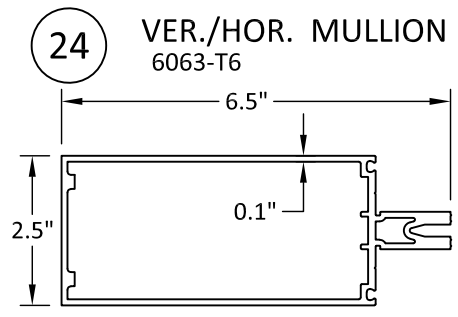
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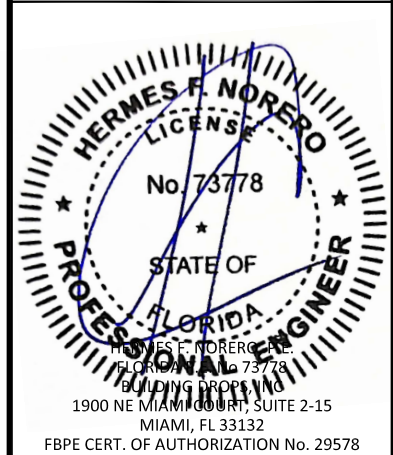
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