

TRULITE GLASS & ALUMINUM SOLUTIONS

SERIES 351 IMPACT OUTSWING DOOR SYSTEM - LMI (HVHZ)

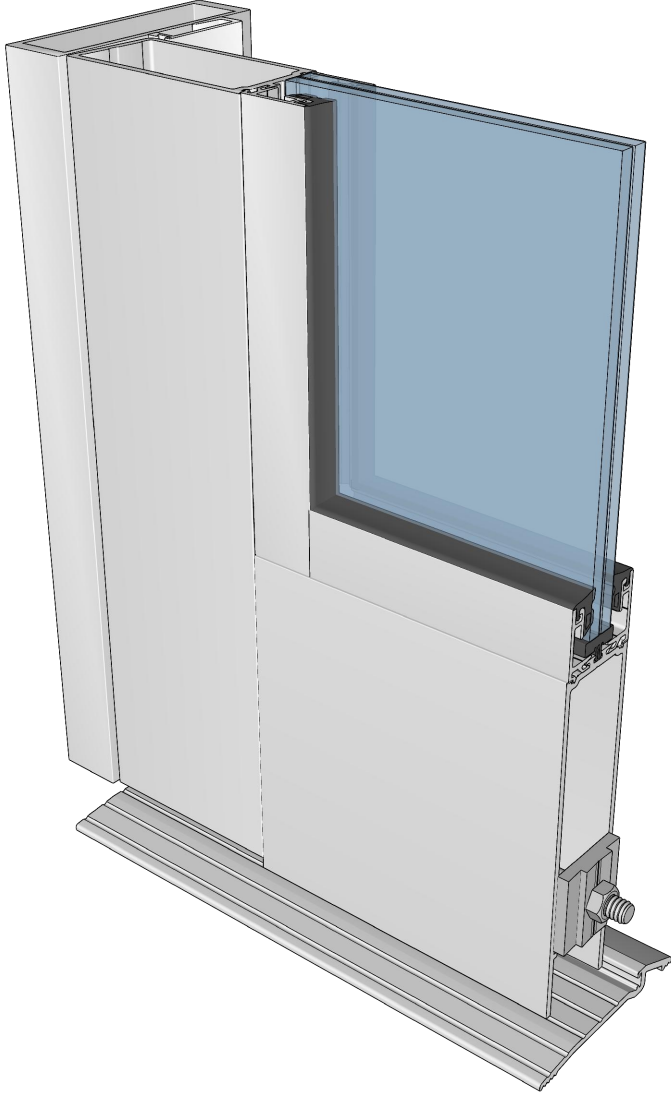
(For use with Trulite's Impact Resistant Storefront/Curtainwall Systems)

GENERAL NOTES:

1. THIS PRODUCT HAS BEEN DESIGNED AND TESTED TO COMPLY WITH THE REQUIREMENTS OF THE FLORIDA BUILDING CODE 8TH EDITION (2023) INCLUDING HIGH VELOCITY HURRICANE ZONE (HVHZ) AND HAS BEEN TESTED TO THE FOLLOWING STANDARDS:
- TAS202-94 (ASTM E283, ASTM E330)
 - TAS201-94 (ASTM E1996)
 - TAS203-94 (ASTM E1886)
 - AAMA 1304

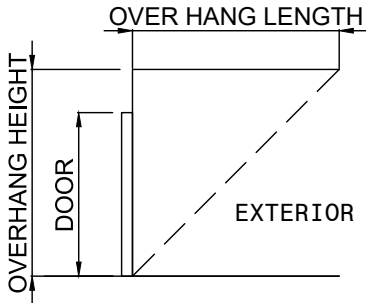
DOORS ARE TESTED TO COMPLY WITH MISSILE LEVEL "D" (50FT/SEC) IMPACT AND QUALIFIED FOR USE ON ESSENTIAL FACILITIES FOR THE FOLLOWING WIND ZONE LOCATIONS:

- WIND ZONE 1: 130MPH-139MPH
 - WIND ZONE 2: 140MPH TO 149MPH (AT GREATER THAN 1 MILE FROM COASTLINE)
 - WIND ZONE 3: 140MPH TO 170MPH (AT ELEVATION GREATER THAN 30FT AND WITHIN 1 MILE OF THE COAST LINE (EXCLUDING HVHZ)
2. DOORS ARE RATED FOR LARGE & SMALL MISSILE IMPACT. SHUTTERS ARE NOT REQUIRED.
3. CODE REQUIREMENTS FOR SAFEGUARDS MUST BE OBSERVED.
4. THE MAIN STRUCTURE WHERE THIS DOOR SYSTEM WILL BE INSTALLED MUST BE CAPABLE OF SUPPORTING ALL THE LOADS IMPOSED BY THIS DOOR SYSTEM.
5. ANCHORS SHALL BE AS LISTED. SPACED AS SHOWN ON DETAILS. THE NUMBER OF INSTALLATION ANCHORS DEPICTED IS THE MINIMUM NUMBER OF ANCHORS REQUIRED. ANCHOR EMBEDMENT TO BASE MATERIAL SHALL BE BEYOND WALL DRESSING OR STUCCO. FOR INSTALLATION THROUGH METAL FRAME, PROVIDE 3 THREADS MINIMUM PENETRATION BEYOND METAL FRAME SUBSTRATE. FOR GROUTED FILLED BLOCK (CMU), DO NOT INSTALL ANCHORS INTO MORTAR JOINTS. EDGE DISTANCE IS REFERENCED FROM FREE EDGE OF BLOCK OR EDGE OF MORTAR JOINT IN FACE SHELL OF BLOCK. INSTALLATION ANCHORS SHALL BE INSTALLED IN ACCORDANCE WITH ANCHOR MANUFACTURER'S INSTALLATION INSTRUCTIONS.
6. MATERIALS INCLUDING BUT NOT LIMITED TO STEEL/METAL SCREWS THAT COME IN CONTACT WITH OTHER DISSIMILAR MATERIALS SHALL MEET THE REQUIREMENTS OF THE 2023 FLORIDA BUILDING CODE & ADAPTED STANDARDS.



7. ALL SHIMS TO BE HIGH IMPACT, NON-METALLIC AND NON-COMPRESSIBLE.
8. A LOAD DURATION INCREASE IS USED IN DESIGN OF ANCHORS INTO WOOD ONLY.
9. ULTIMATE LOAD OBTAINED FROM ASCE 7-16. MULTIPLY BY 0.6 SHALL BE LESS THAN OR EQUAL TO MAX. DESIGN LOAD IN THIS DOCUMENT. THE DESIGN LOADS SHOWN IN THIS DOCUMENT ARE ALLOWABLE DESIGN LOADS.
10. GASKETS USED IN THIS FENESTRATION PRODUCT ARE IN COMPLIANCE WITH ASTM STANDARD C864.

NOTE:
DOOR ASSEMBLIES SHOULD BE INSTALLED IN LOCATIONS WHERE THEY WILL BE PROTECTED BY AN OVERHANG FROM WATER INFILTRATION. OVERHANG MUST MEET THE OVERHANG RATIO OF 1 OR MORE (REFER TO ILLUSTRATION BELOW) OR IN NON-HABITABLE AREAS WHERE WATER INFILTRATION IS ACCEPTABLE.



$$\text{OH RATIO} = \frac{\text{OVERHANG LENGTH}}{\text{OVERHANG HEIGHT}} \geq 1$$

ABBREVIATIONS:

DLO - DAYLIGHT OPENING
TYP. - TYPICAL
FH - FRAME HEIGHT
DOW - DOOR OPENING WIDTH
DOH - DOOR OPENING HEIGHT
DP - DESIGN PRESSURE
N.T.S. - NOT TO SCALE
FPA - FLORIDA PRODUCT APPROVAL

LIMITATION OF USE

- A. THIS PRODUCT APPROVAL DOCUMENT IS GENERIC AND DOES NOT PROVIDE INFORMATION OF A SITE SPECIFIC PROJECT OR WHERE THE SITE CONDITIONS DEVIATE FROM THIS DOCUMENT.
- B. FOR CONDITIONS THAT DEVIATE FROM THE PRODUCT APPROVAL DOCUMENTS, THIS SHALL BE REVIEWED BY A FLORIDA REGISTERED ENGINEER OR ARCHITECT WHICH WILL BECOME THE ENGINEER OF RECORD FOR THE PROJECT.



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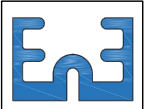
403 West Park Court, Suite 201
Peachtree City, GA 30269
p. 800-432-8132

PRODUCT:

**351 Series
Alum Outswing
Doors
HVHZ - LMI**

REV#	DATE/REMARKS
REV 01	02/04/19 UPDATE
REV 02	07/07/20 UPDATE TO FBC 2020
REV 05	09/27/23 UPDATE TO FBC 2023

ENGINEER:

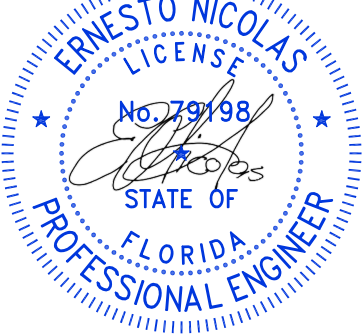


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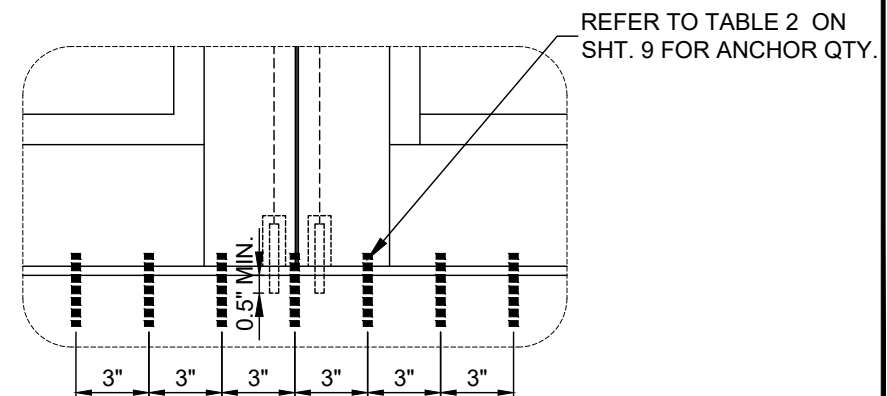
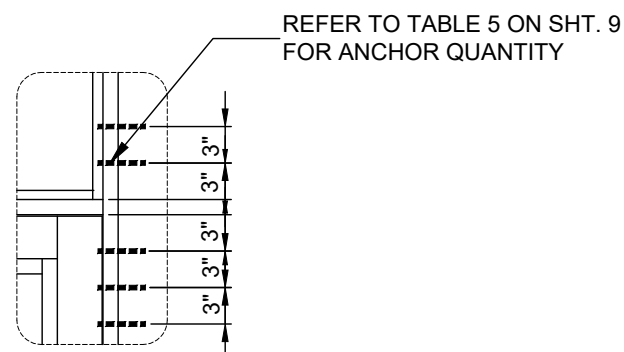
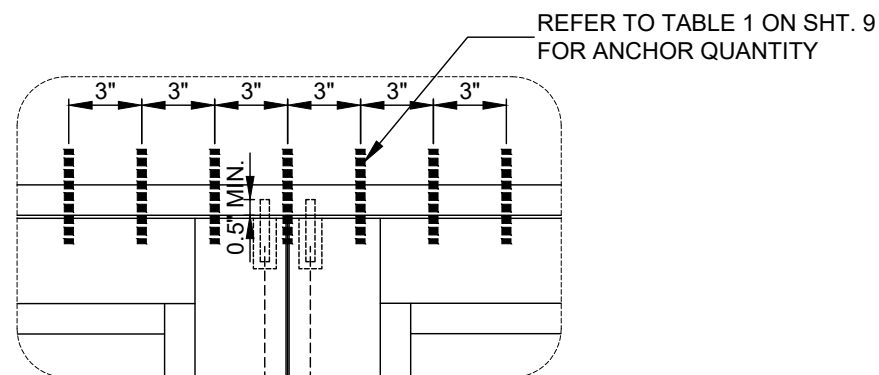
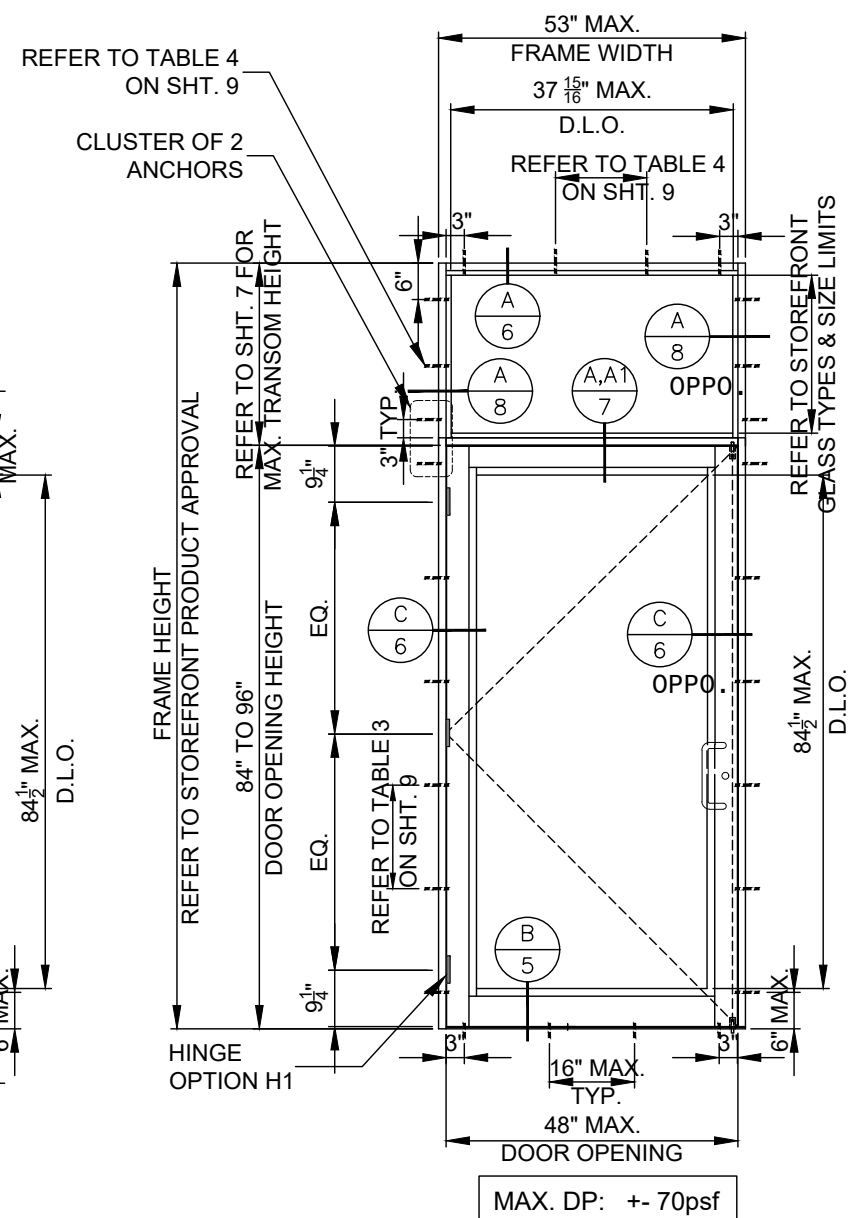
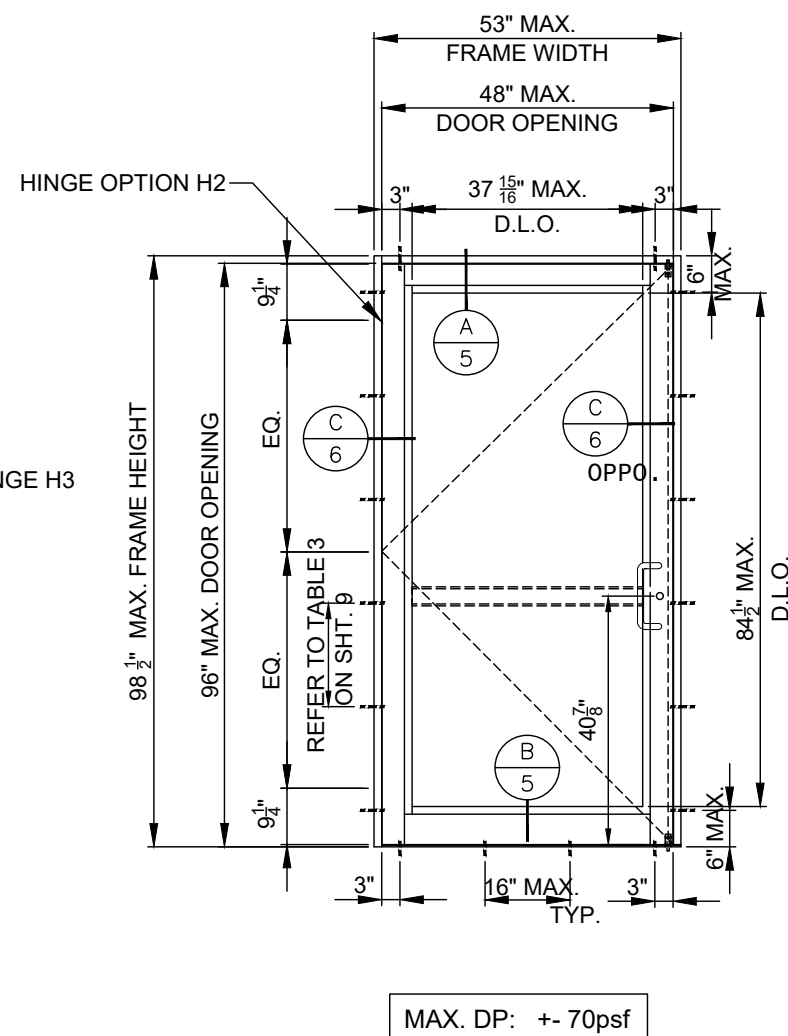
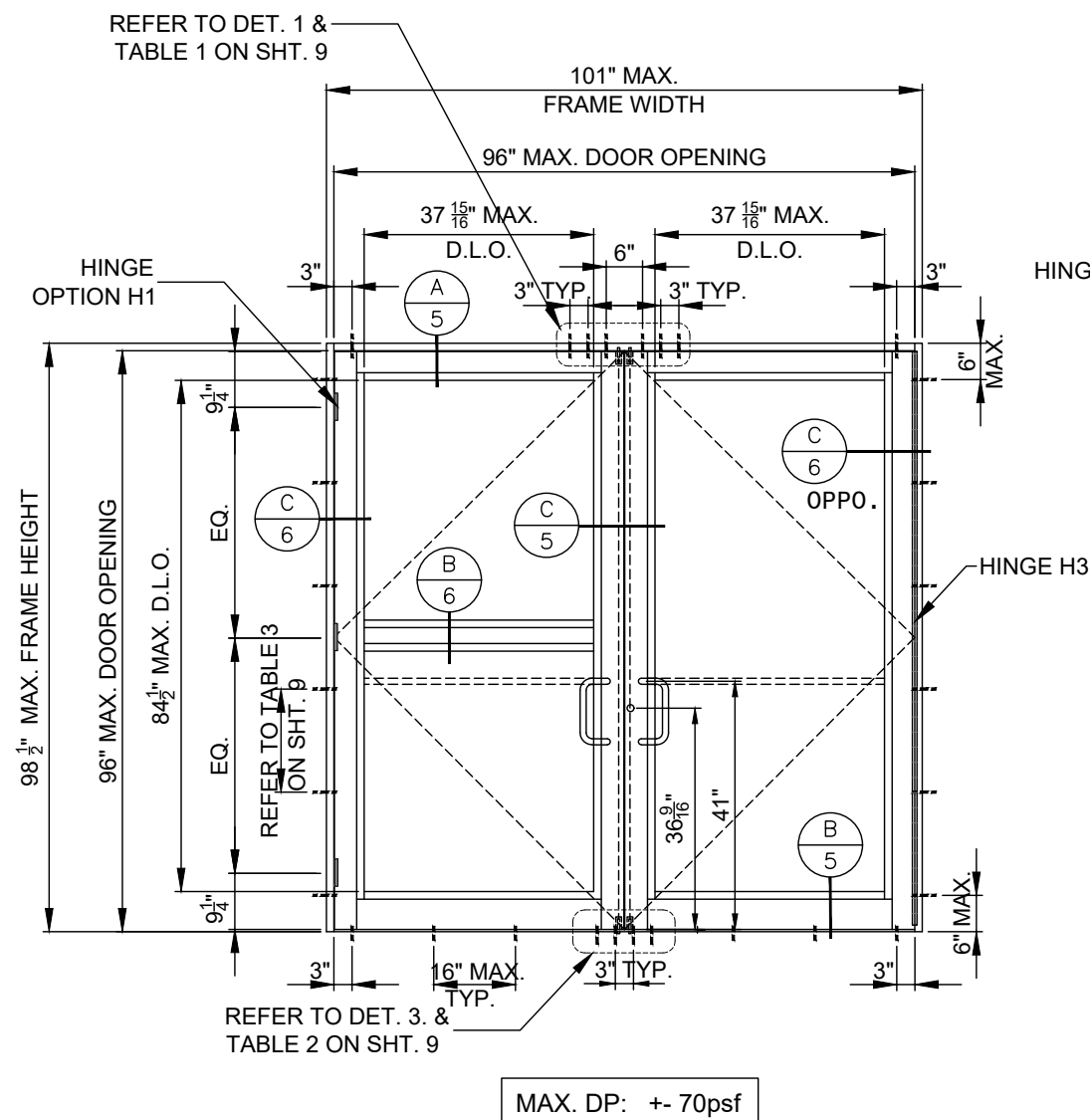
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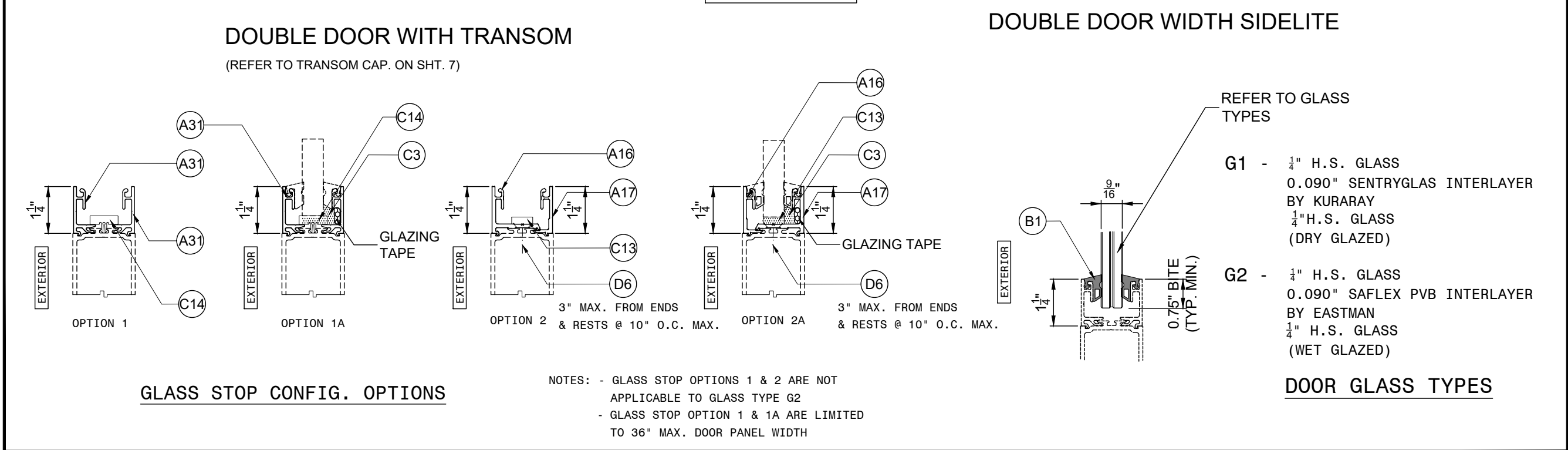
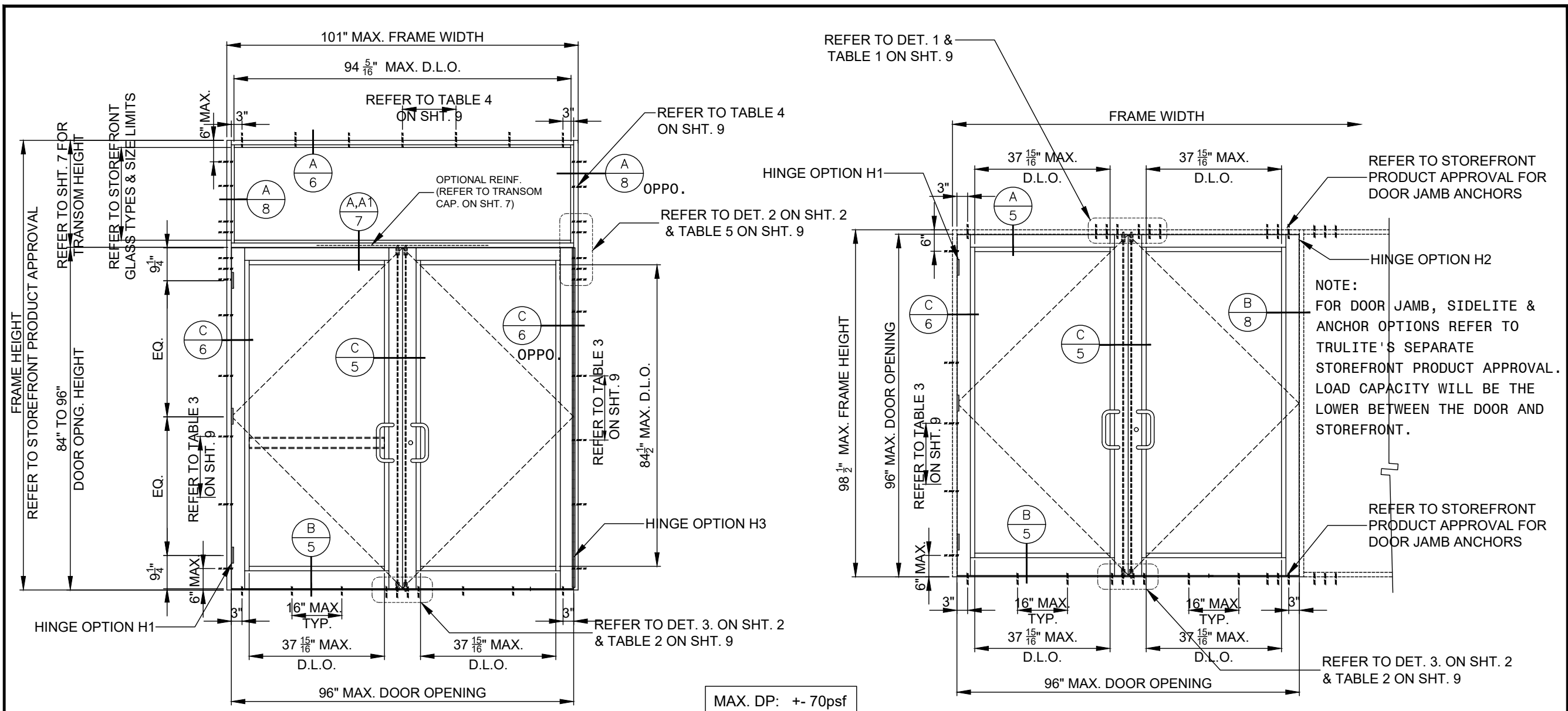
Drwn: Erick	CHK: ESN
Drwg. No: 23FL-106	SCALE: N.T.S.

SHEET NO.:

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ERNESTO NICOLAS
LICENSE
No. 79198
STATE OF FLORIDA
PROFESSIONAL ENGINEER

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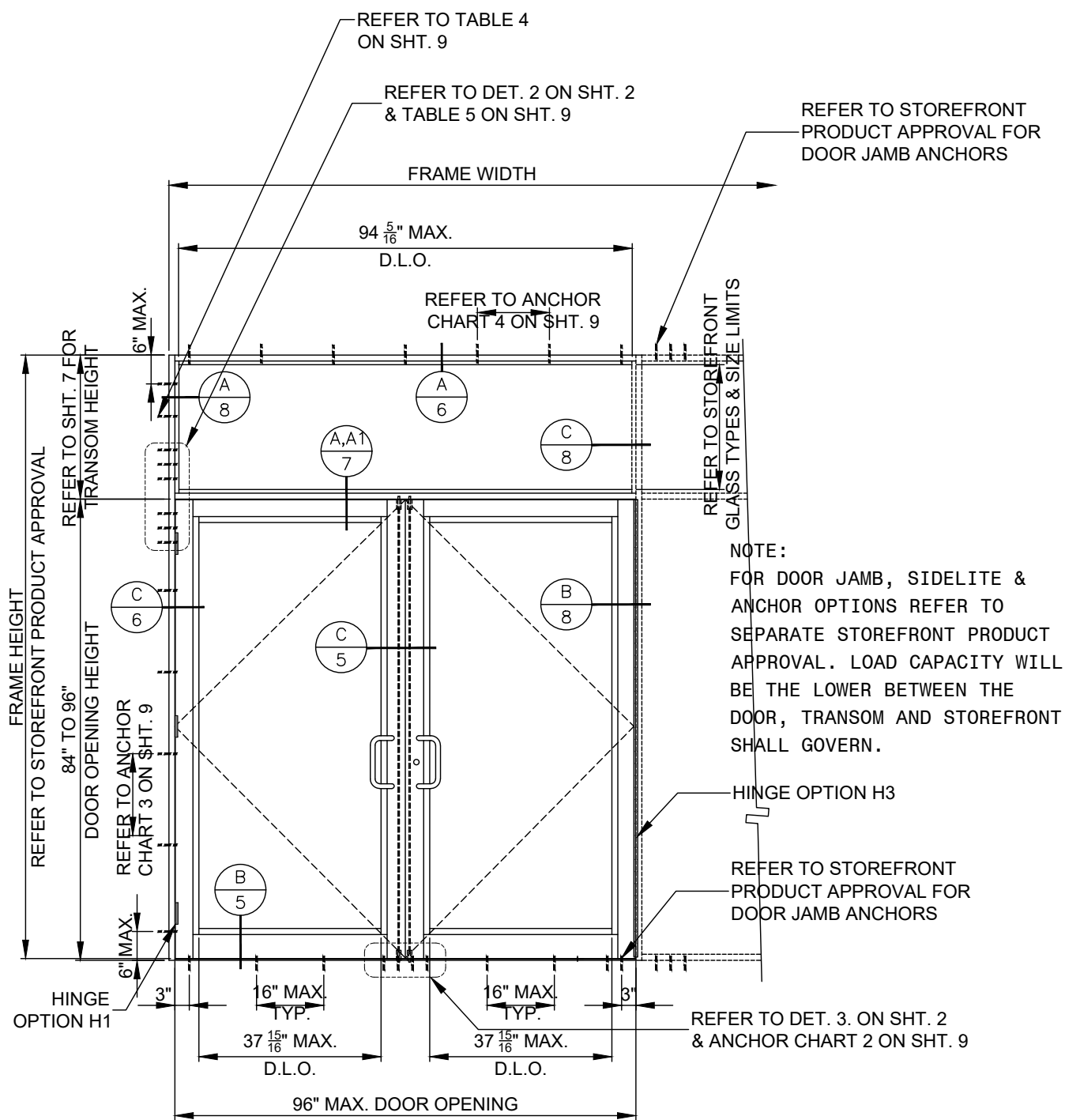
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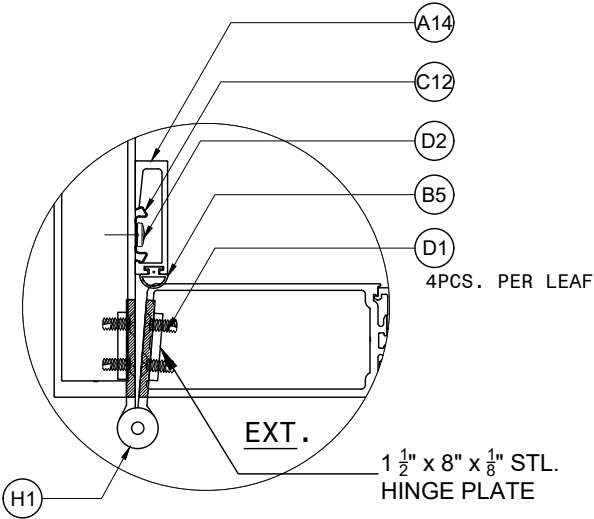


MAX. DP: +/- 70psf

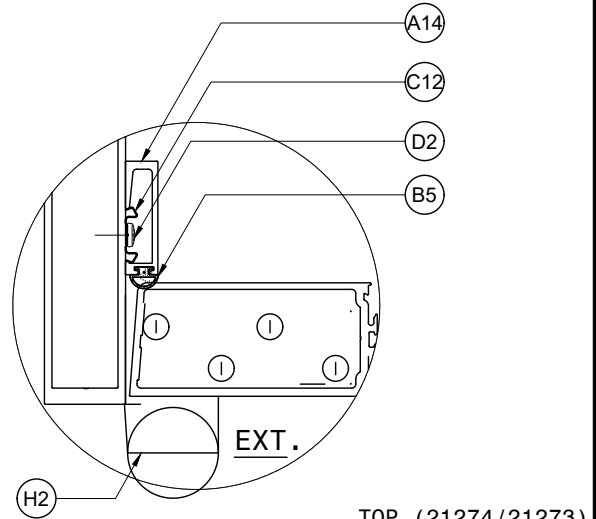
DOUBLE DOOR WIDTH SIDELITE & TRANSOM

(REFER TO TRANSOM CAP. ON SHT. 7)

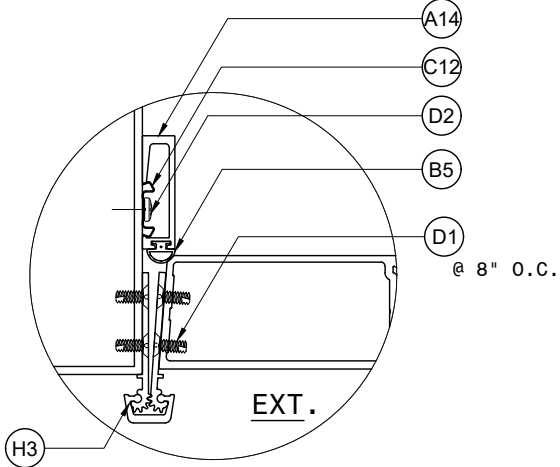
LOCK OPTIONS (APPLICABLE TO SINGLE AND DOUBLE DOOR)		
	MANUFACTURER	DESCRIPTION
1	AHT 8000	CONCEALED VERTICAL ROD EXIT DEVICE TWO POINT LOCK SYSTEM
2	DOR-O-MATIC (FALCON) 1690	
3	VON DUPRIN 9947	
4	REGENT 5770	
5	ADAMS RITE MS1880, MS1881, ILCO 1880 (INACTIVE DOOR PANEL)	CONCEALED TWO POINT LOCK SYSTEM (CANNOT BE USED ON SINGLE PANEL DOOR)
6	REGENT ML-207-TT-2PT (INACTIVE DOOR PANEL)	
7	ILCO HB185 FIVE PLY HOOK LOCK WITH KEY CYLINDER ON THE EXTERIOR & THUMB TURN ON THE INTERIOR. ADAMS RITE 4016 TOP ROD & 4015 OR ILCO 4015 BOTTOM ROD (ACTIVE DOOR PANEL)	CONCEALED THREE POINT LOCK SYSTEM
8	REGENT ML-207-012 WITH FIVE PLY HOOK LOCK AND KEY CYLINDER ON THE EXTERIOR & THUMB TURN ON THE INTERIOR (ACTIVE DOOR PANEL)	



HINGE OPTION H1: (26298)
4-1/2" STEEL BUTT HINGE



HINGE OPTION H2: TOP (21274/21273)
OFFSET PIVOT HINGE BOTTOM (24642)
MIDSPAN (2456x)



HINGE OPTION H3: (6009X)
CONCEALED ALUM. CONTINUOUS
GEARED HINGE

NOTE: HINGES SHOWN ARE IMAGE ONLY.
ACTUAL PRODUCT MAY VARY.

HINGE OPTIONS		
	MANUFACTURER	DESCRIPTION
H1	HAGER / IMPERIAL USA (GLOBAL DOOR)	4 1/2" x 4" STANDARD NRP BUTT HINGE
H2	DOOR-O-MATIC 1690	OFFSET PIVOT HINGE (TOP, BOTTOM & MID-SPAN)
H3	HAGER	CONTINUOUS GEARED HINGE



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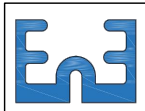
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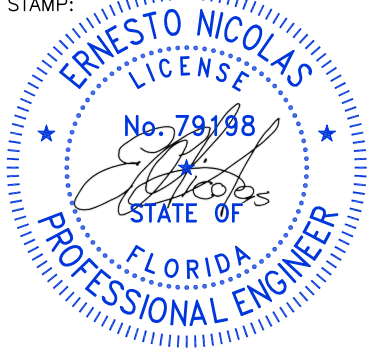
ENGINEER:



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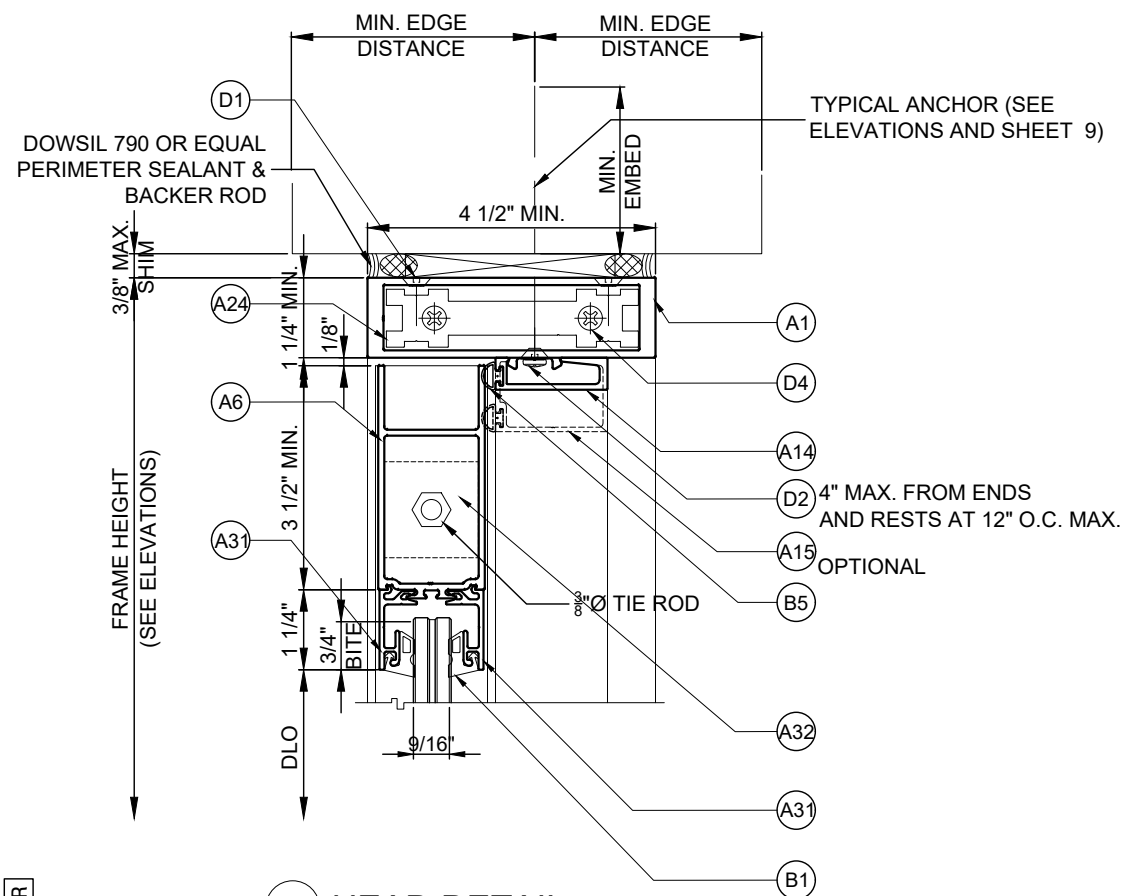
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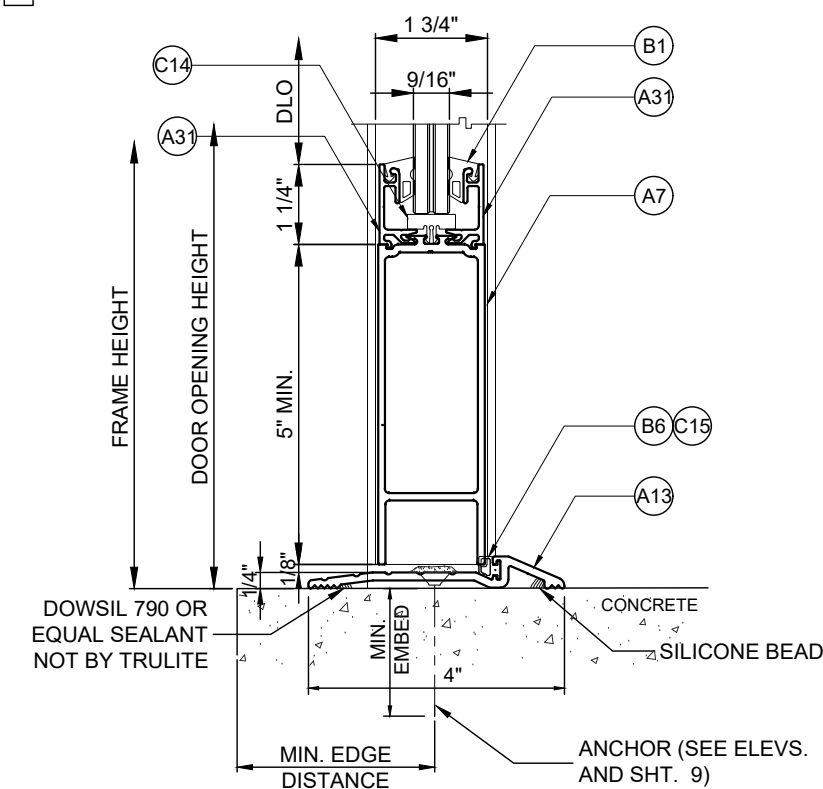
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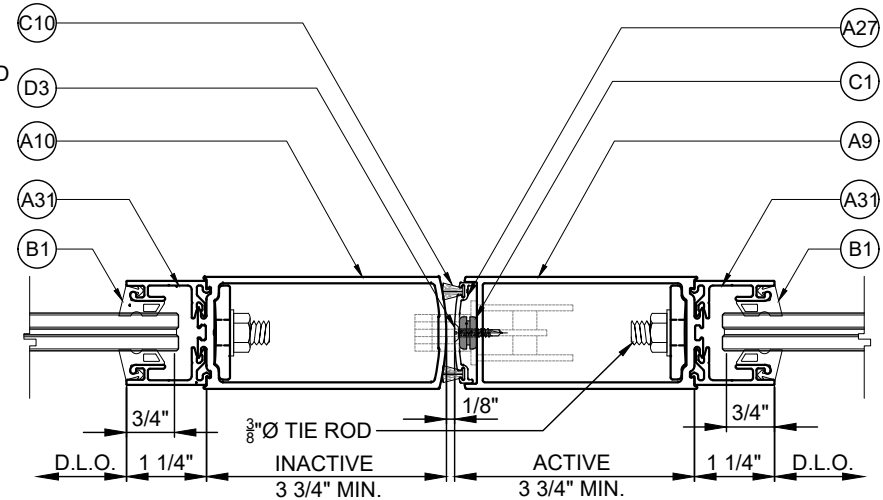


A HEAD DETAIL

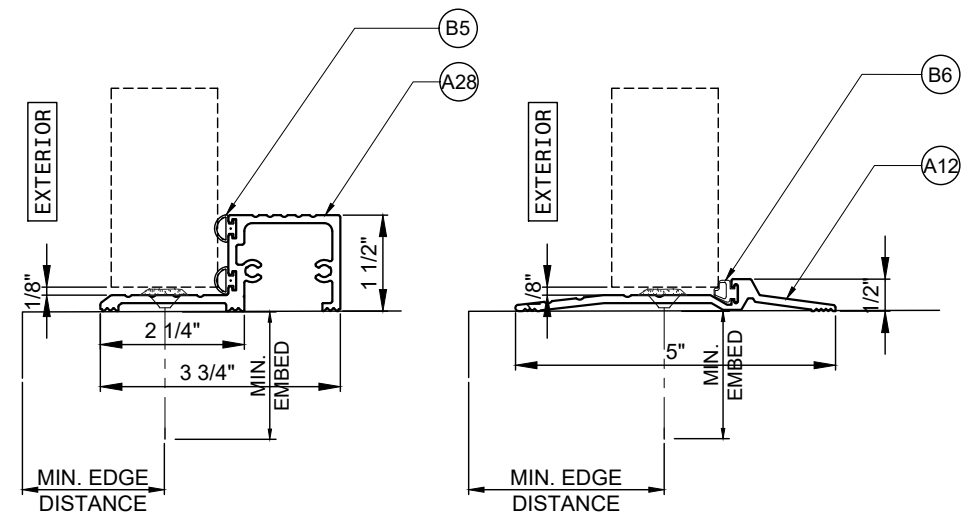
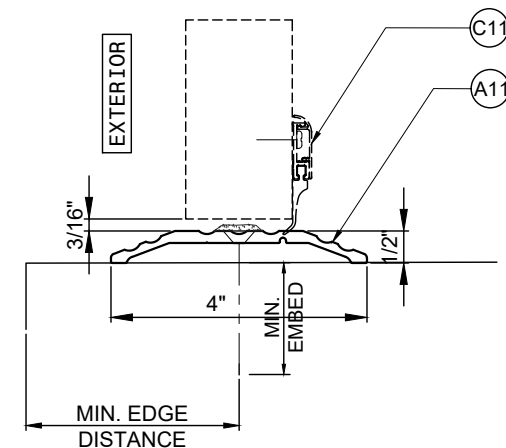


B SILL DETAIL

4" MAX. FROM ENDS AND
RESTS @ 12" O.C. MAX.



C MEETING STILE DETAIL



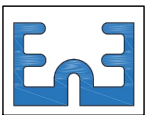
THRESHOLD OPTIONS

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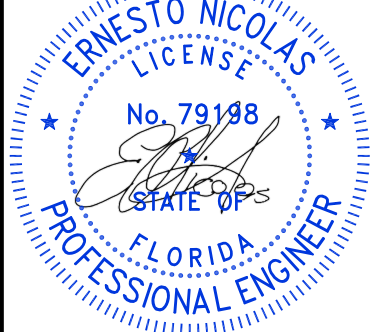
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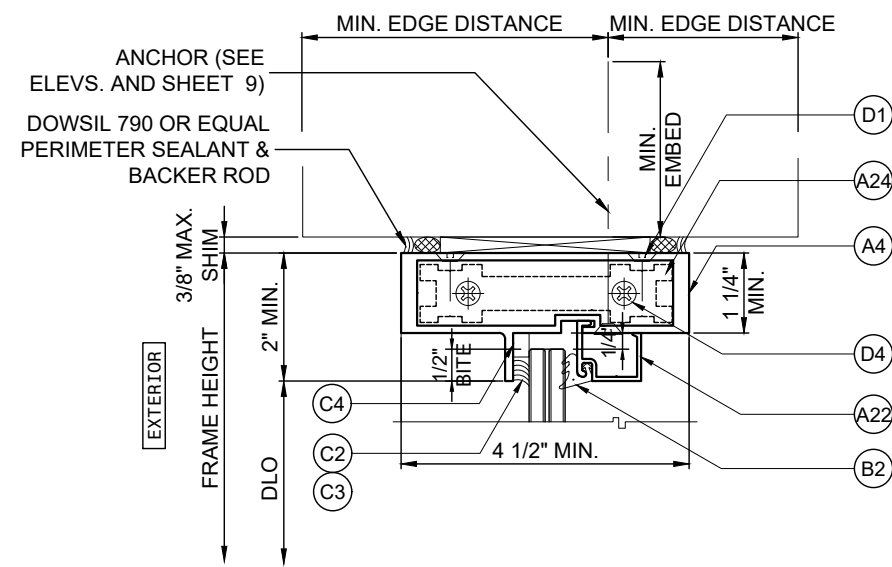
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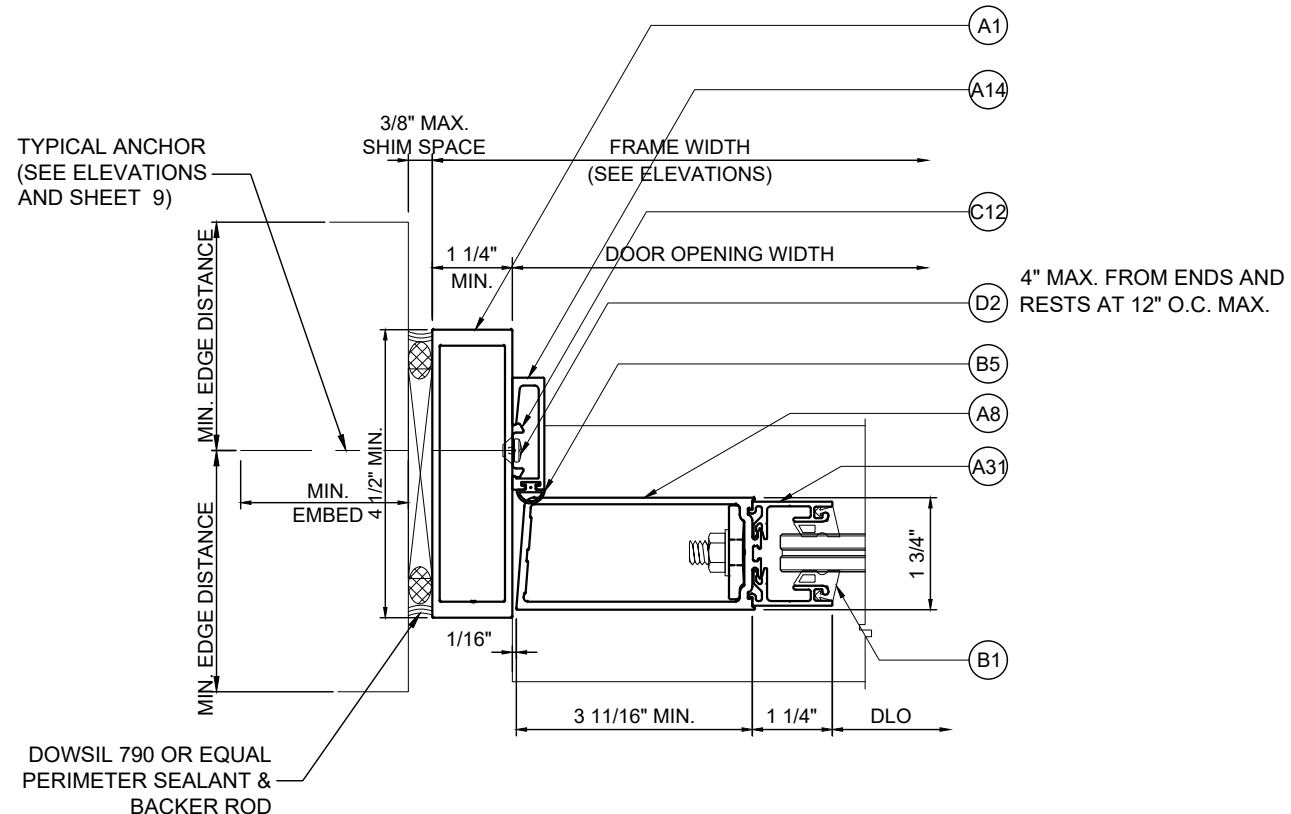
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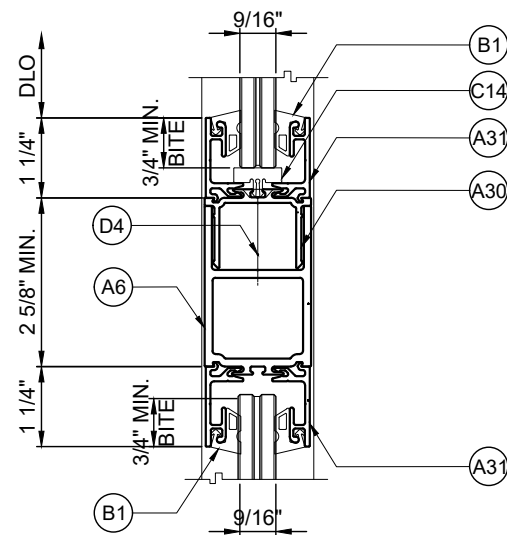
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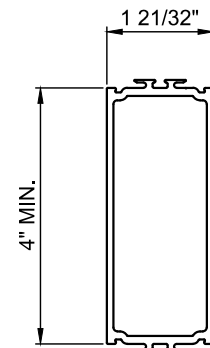
A TRANSOM FRAME HEAD DETAIL



C DOOR JAMB/HINGE STILE DETAIL



B MID-RAIL DETAIL



MID-RAIL OPTION
A29 26014

NOTE: OTHER DOOR FRAME OPTIONS ARE AVAILABLE. DRAWINGS PRESENTED ARE MINIMUM FRAME SECTION SIZES. REFER TO TRULITE'S IMPACT STOREFRONT PRODUCT APPROVAL.

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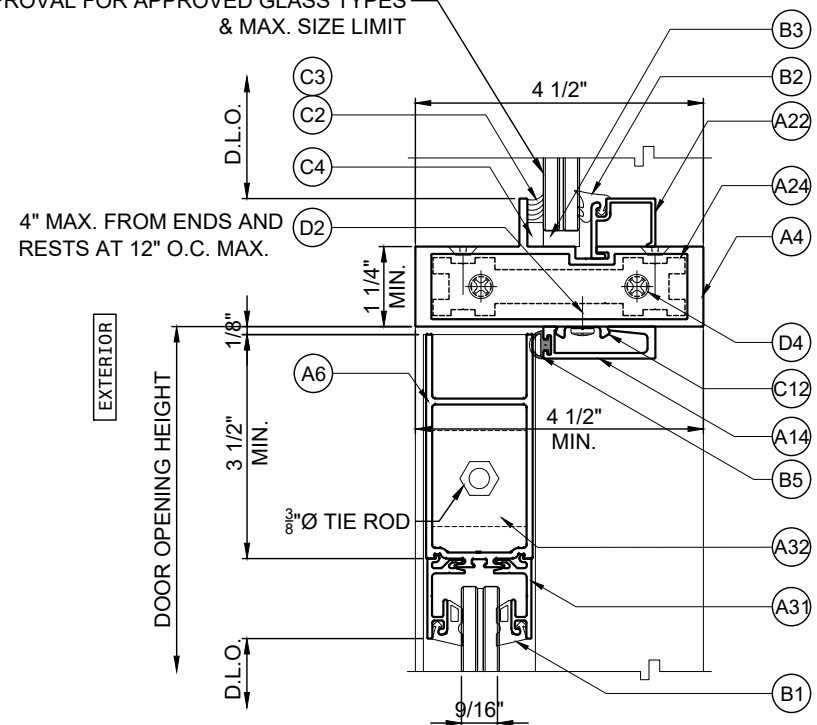
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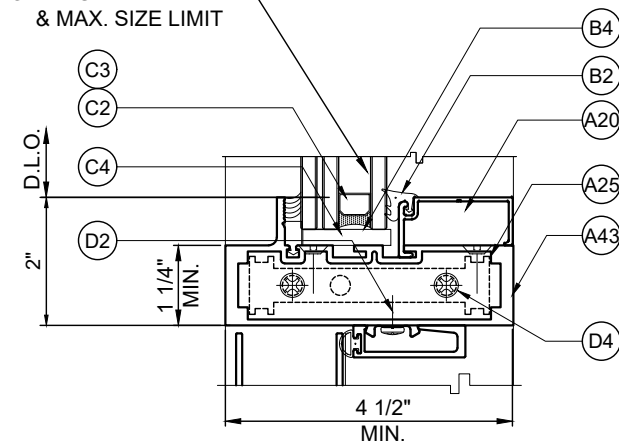
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REFER TO STOREFRONT FL PRODUCT
APPROVAL FOR APPROVED GLASS TYPES
& MAX. SIZE LIMIT



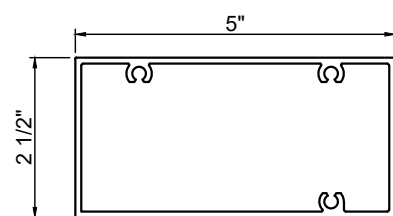
A TRANSOM DETAIL

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& MAX. SIZE LIMIT

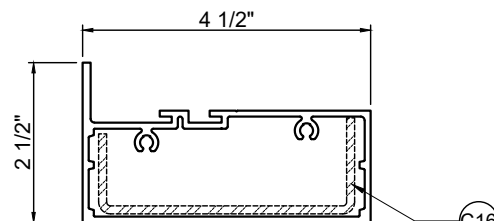


A1 TRANSOM DETAIL

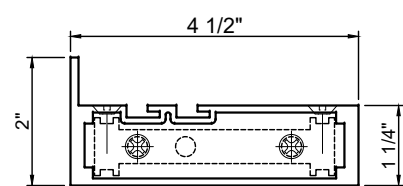
CAPACITY OF TRANSOMS				
TRANSOM PROFILES	MAX. TRANSOM HEIGHT (in)	MAX. TRANSOM LENGTH (in)	MAX. DESIGN PRESSURE (psf)	REMARK
3100 / 3001R / 3000R	42	72	70	Setting blocks 6" from ends
3100 / 3001R / 3000R	18	84	65	Setting blocks 6" from ends
3100 / 3001R / 3000R (Reinf.)	60	84	70	4ft min. 3104R / 3004 Alum. Reinf. required / Setting blocks 2" from ends
3100 / 3001R / 3000R (Reinf.)	24	96	70	5ft min. 3104R / 3004 Alum. Reinf. required / Setting blocks 2" from ends
3301	36	72	70	Setting blocks 6" from ends
3301	24	84	55	Setting blocks 6" from ends
3301 + ST336 Stl Reinf.	60	72	70	4ft min. reinforcement / Setting blocks 6" from ends
3301 + ST336 Stl Reinf.	36	84	60	4ft min. reinforcement / Setting blocks 6" from ends
3301 + ST336 Stl Reinf.	24	96	55	5ft min. reinforcement / Setting blocks 6" from ends
3311	60	84	70	Setting blocks 6" from ends
3311	18	96	70	Setting blocks 6" from ends
3311	42	96	55	Setting blocks 6" from ends
DF500-2	60	72	70	Setting blocks 6" from ends
DF500-2	36	84	70	Setting blocks 6" from ends
DF500-2	30	96	55	Setting blocks 6" from ends
10220	42	72	65	Setting blocks 6" from ends
10220	36	84	55	Setting blocks 6" from ends
10220	24	96	45	Setting blocks 6" from ends
10220 + ST339 Reinf	36	96	55	5ft min. reinforcement / Setting blocks 6" from ends



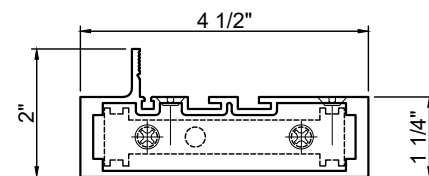
A39 DF500-2 - REFER TO CG500 FPA



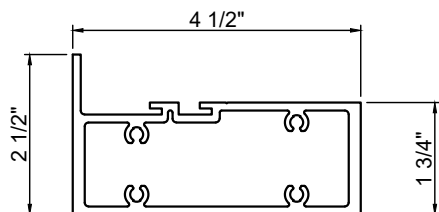
A44 3301 - REFER TO 3300 FPA



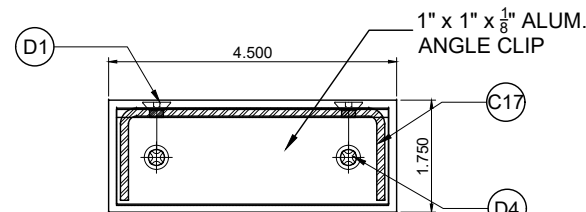
A5 3101 - REFER TO 3100 FPA



A43 3001R - REFER TO 3100R FPA



A45 3311 - REFER TO 3300 FPA



A3 10220 - REFER TO 3300 FPA

DOOR TRANSOM FRAME OPTIONS

REFER TO TRULITE'S IMPACT STOREFRONT SYSTEMS FOR DETAILS.
THE LOWER CAPACITY BETWEEN THE DOOR, TRANSOM AND FRAME
SHALL GOVERN

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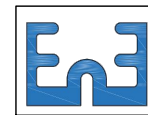
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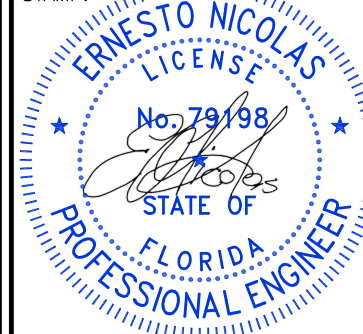
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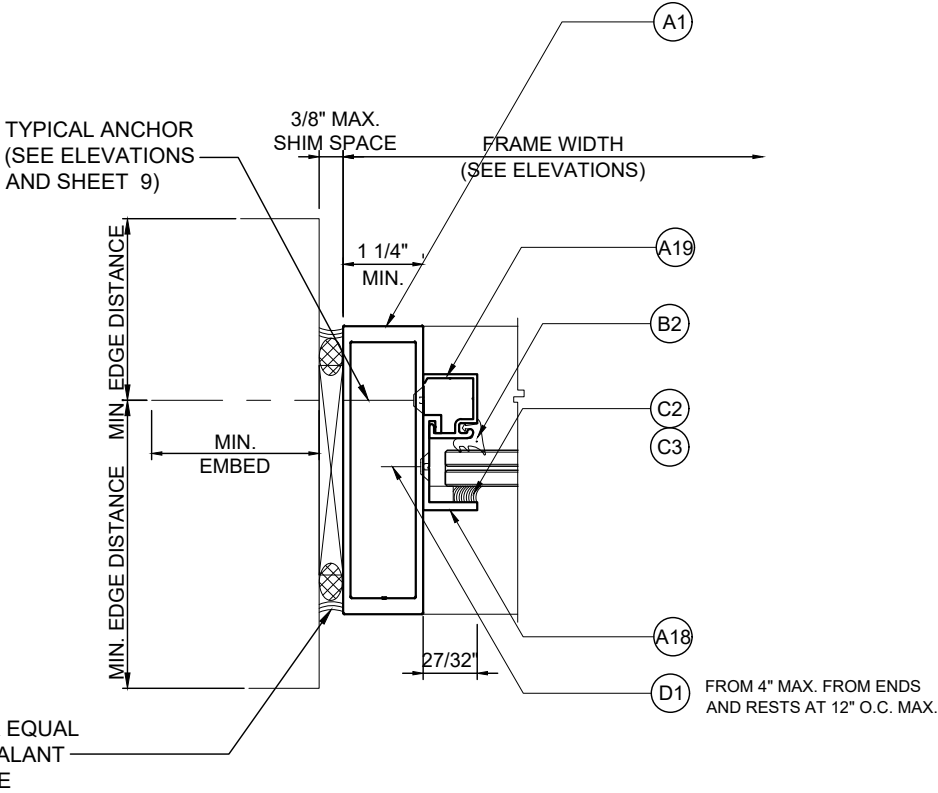
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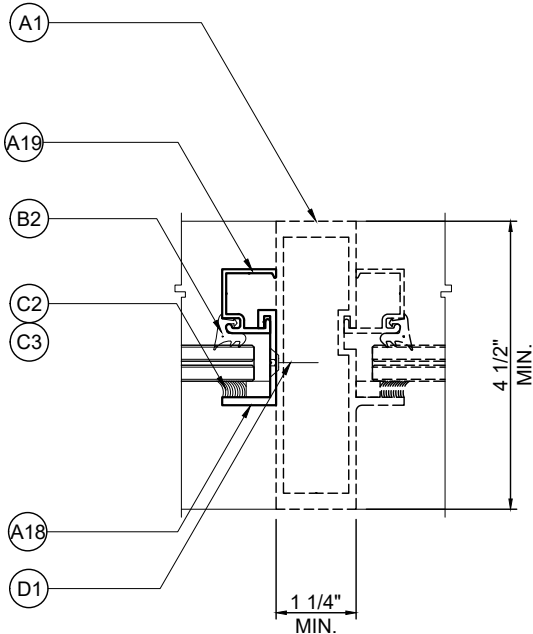
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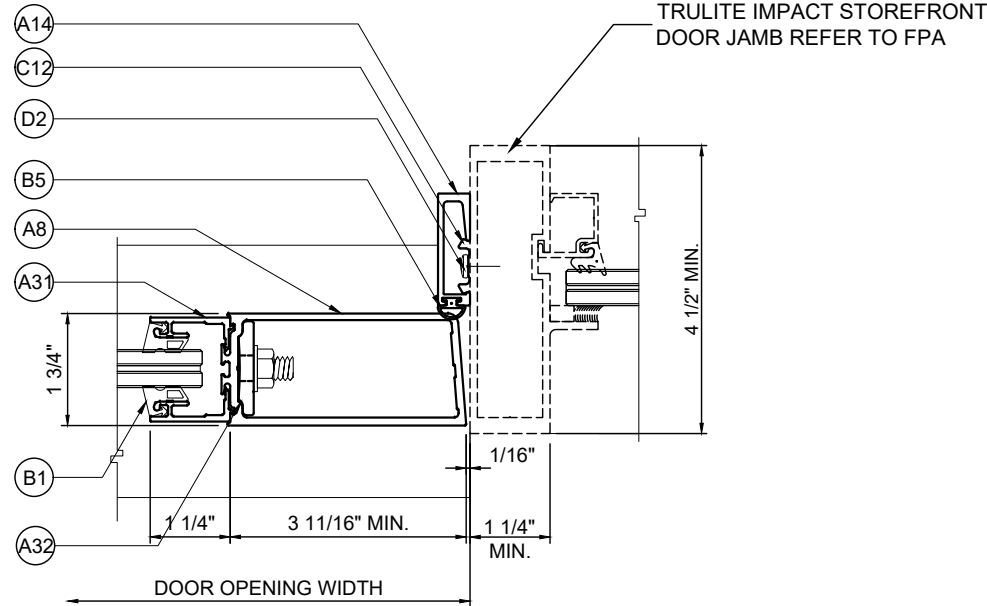
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A JAMB AT TRANSOM



C JAMB / HINGE STILE WITH SIDELITE AT TRANSOM
REFER TO TRULITE'S IMPACT STOREFRONT SYSTEM FOR JAMB CAPACITY. THE LOWER CAPACITY BETWEEN THE DOOR, TRANSOM AND FRAME SHALL GOVERN



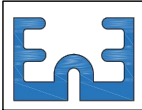
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ENGINEER:

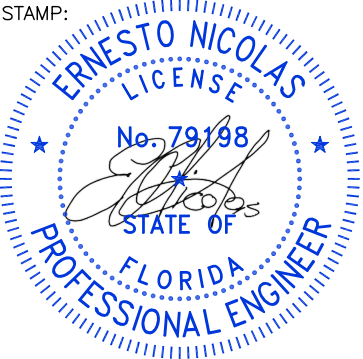


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FLORIDA PRODUCT APPROVAL:

FL # 42671.1

DATE: SEPT. 27, 2023

Drwn: Erick	CHK: ESN
Drwg. No: 23FL-106	SCALE: N.T.S.

SHEET NO.:

TABLE 1			
NO. OF ANCHORS AT MTG. STILE TOP			
ANCHOR TYPE	DOOR OPENING WIDTH		
	≤ 72"	≤ 84"	≤ 96"
A	5	6	7
B	4	4	5
C	5	6	7
D	3	4	5
E	3	4	5
F	4	5	6

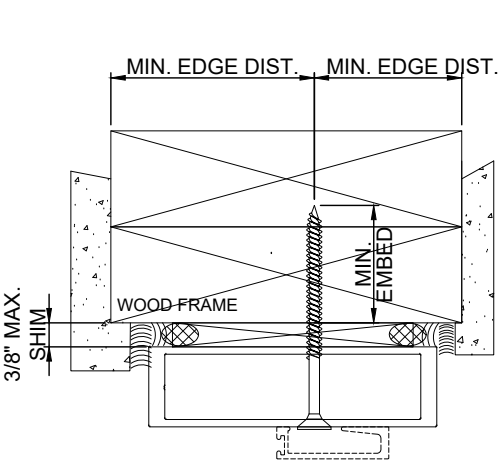
TABLE 2			
NO. OF ANCHORS AT MTG. STILE BOT.			
ANCHOR TYPE	DOOR OPENING WIDTH		
	≤ 72"	≤ 84"	≤ 96"
C	5	6	7
D	3	4	5
E	3	4	5

TABLE 3			
JAMB ANCHOR SPACING			
DOOR OPENING WIDTH			
≤ 72"	≤ 84"	≤ 96"	
18	16	14	

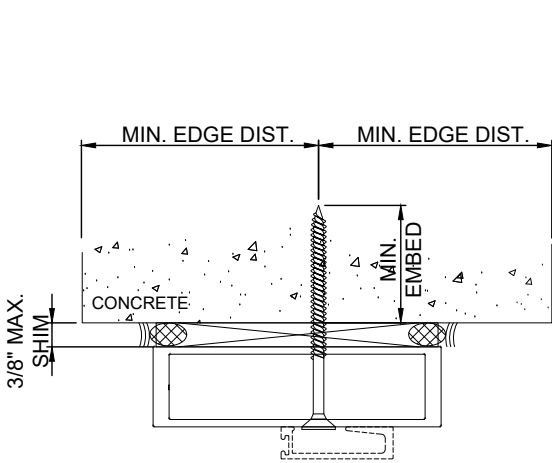
TABLE 4 - TRANSOM PERIMETER ANCHOR	
Anchor Type	Spacing (in)
A	12
B	17
C	12
D	18
E	18
F	14

TABLE 5 - TRANSOM BAR END ANCHOR	
Anchor Type	Spacing (in)
A	6
B	4
C	6
D	4
E	4
F	5

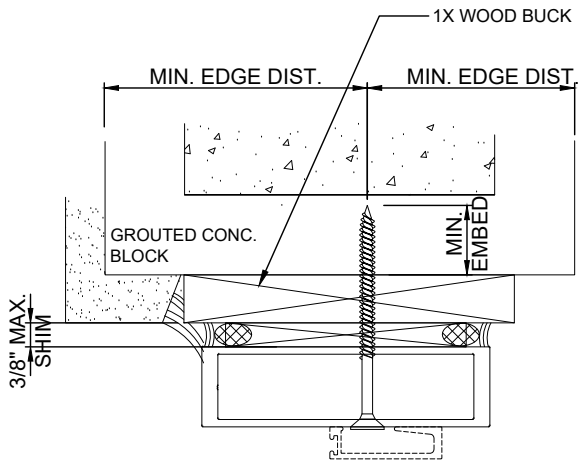
ANCHOR SCHEDULE



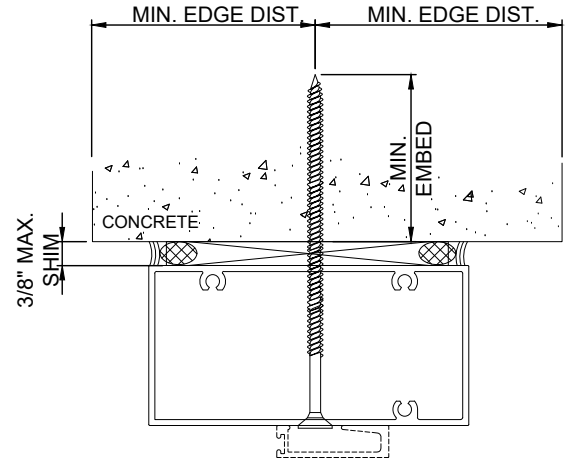
TYPE A or B



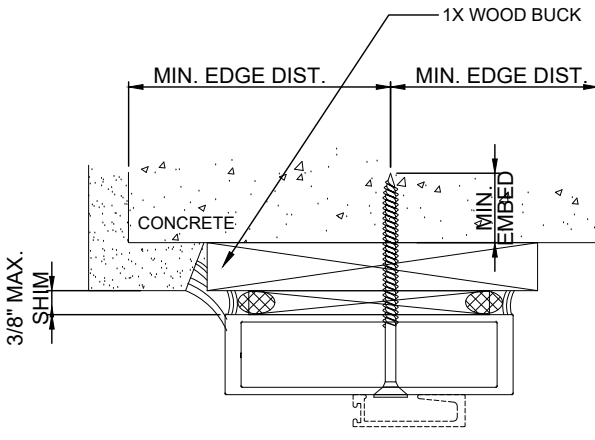
TYPE C or D



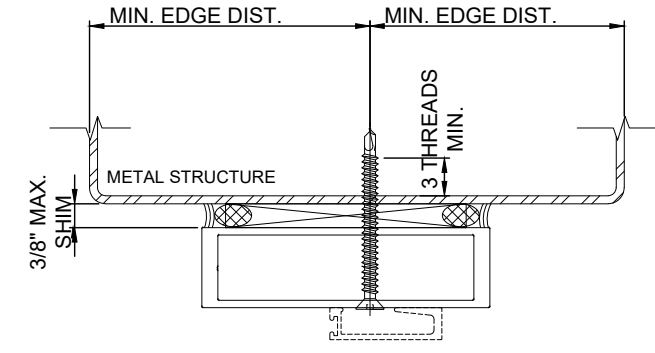
TYPE E



TYPE C or D



TYPE C or D



TYPE F

ANCHOR OPTIONS				
	SUBSTRATE	ANCHOR TYPE	MIN. EMBED (IN.)	MIN. EDGE DIST. (IN.)
A	WOOD	1/4" Ø - TAPCON (Fy = 100ksi & Fu = 125ksi min.)	1.50	1.50
B		1/4" Ø - ULTRACON (Fy = 148ksi & Fu = 164ksi min.)	1.50	1.50
C	CONCRETE	1/4" Ø - TAPCON (Fy = 100ksi & Fu = 125ksi min.)	1.75	2.50
D		1/4" Ø - ULTRACON (Fy = 148ksi & Fu = 164ksi min.)	1.75	2.50
E	GROUTED CMU	1/4" Ø - ULTRACON (Fy = 148ksi & Fu = 164ksi min.)	1.25	2.50
F	METAL	1/4" Ø Gr. 5 Metal Screw	Min. 3 Threads pass substrate	1.00
NOTE:				
- MAXIMUM SHIM GAP = 3/8"				
- MIN. SPECIFIC GRAVITY OF WOOD = 0.55				
- MIN. CONCRETE COMPRESSIVE STRENGTH = 3000psi (NORMAL WEIGHT & UNCRACKED)				
- MIN. COMPRESSIVE STRENGTH OF GROUTED CONCRETE MASONRY = 2000PSI (MEDIUM WEIGHT & CONFORM TO ASTM C90)				
- METAL SUBSTRATE SHALL BE STEEL (FY=36KSI MIN. & 12GA. THICK) OR ALUMINUM (6063-T5 MIN. & 0.10" THICK)				

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PRODUCT:
**351 Series
Alum Outswing
Doors**
HVHZ - LMI

REV#	DATE/REMARKS
REV 01	02/04/19 UPDATE
REV 02	07/07/20 UPDATE TO FBC 2020
REV 05	09/27/23 UPDATE TO FBC 2023

ENGINEER:

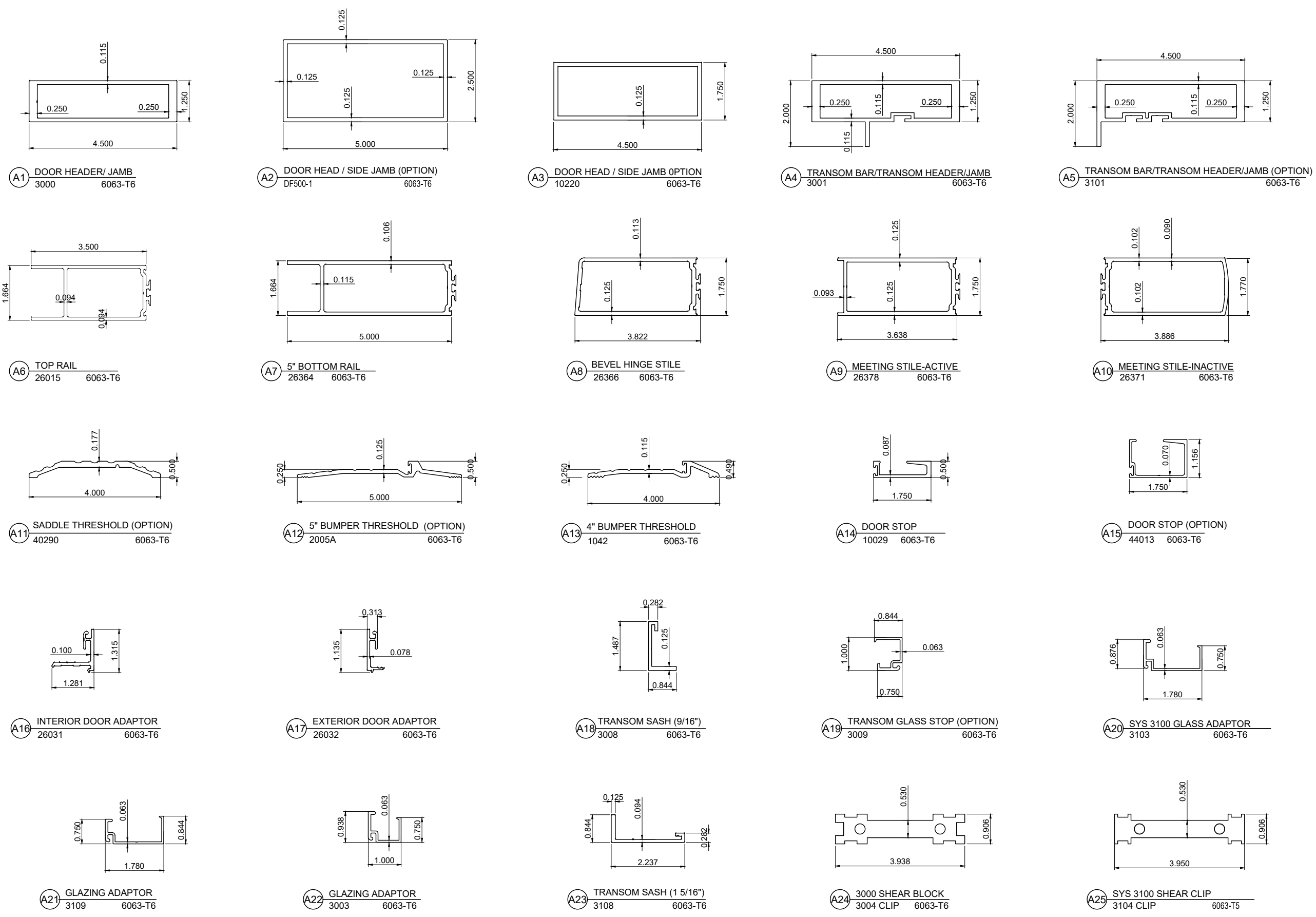
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Email: en3.engconsul@gmail.com

STAMP:

FLORIDA PRODUCT APPROVAL:
FL # 42671.1

DATE: SEPT. 27, 2023	
Drwn: Erick	CHK: ESN
Drwg. No: 23FL-106	SCALE: N.T.S.

SHEET NO.:
9 OF 14



SERIES 351 DOOR PARTS TABLE



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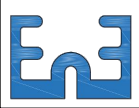
PRODUCT:

**351 Series
Alum Outswing
Doors**

HVHZ - LMI

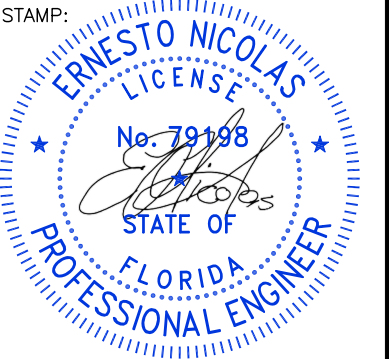
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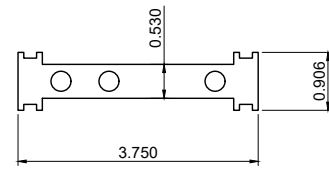
FL # 42671.1

DATE: SEPT. 27, 2023

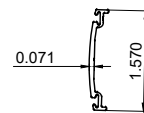
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Drwg. No: 23FL-106	SCALE: N.T.S.

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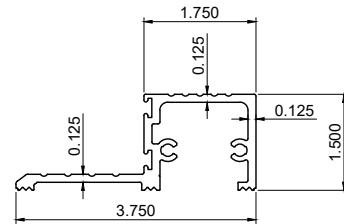
10 OF 14



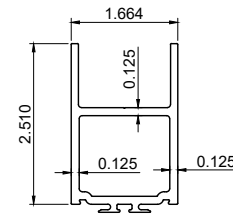
A26 SYS 3100 SHEAR CLIP
3104C 6063-T6



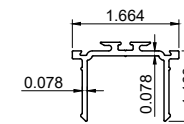
A27 ASTRAGAL PLATE
26375 6063-T6



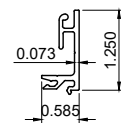
A28 HIGH-RISE THRESHOLD
40296 6063-T6



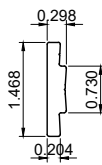
A29 MID-RAIL
26014 6063-T6



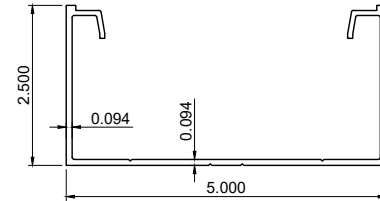
A30 MID-RAIL ADAPTOR
26013 6063-T6



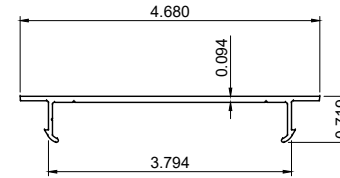
A31 GLASS ADAPTOR
26034 6063-T6



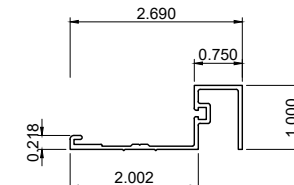
A32 IMPACT DOOR BEARING PLATE
26203 6063-T6



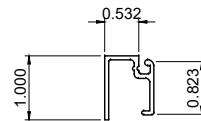
A33 DOOR FRAME JAMB (OPTION)
DF500-1 6063-T6



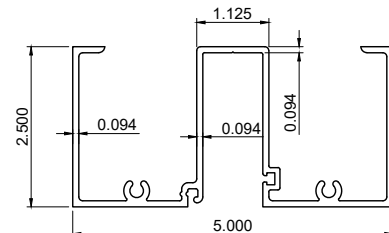
A34 FLAT FILLER
SW700-18 6063-T6



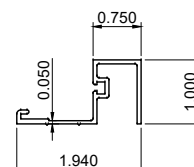
A35 TRANSOM SASH (1 5/16")
DF117 6063-T6



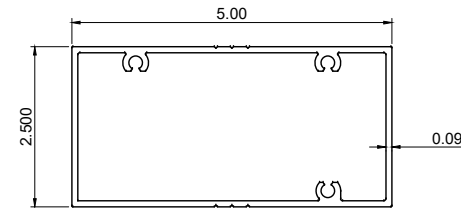
A36 TRANSOM GLASS STOP
DF107 6063-T5



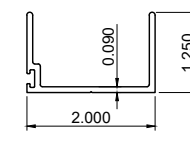
A37 TRANSOM HEAD (OPTION)
CG500-11 6063-T6



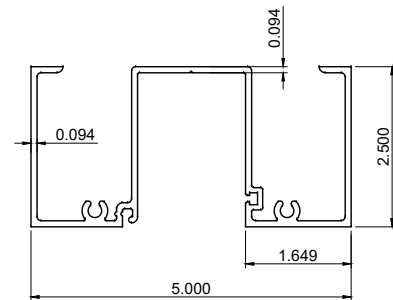
A38 TRANSOM SASH (9/16")
DF106 6063-T6



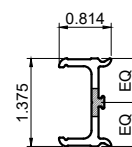
A39 TRANSOM BAR (OPTION)
DF500-2 6063-T5



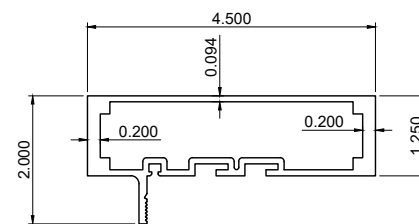
A40 O/A DOOR HEADER STOP
DF102 6063-T6



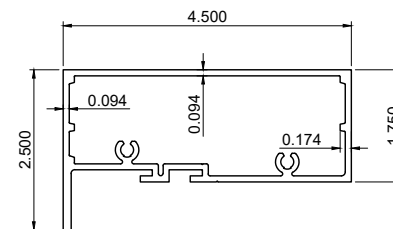
A41 TRANSOM HEAD (OPTION)
CG501-11 6063-T6



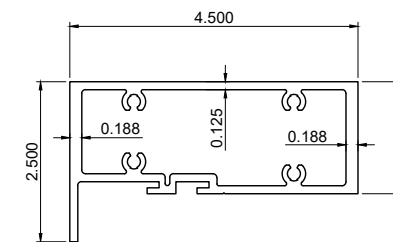
A42 DOOR SHEAR CLIP
SC351-1 TO 3 6063-T6



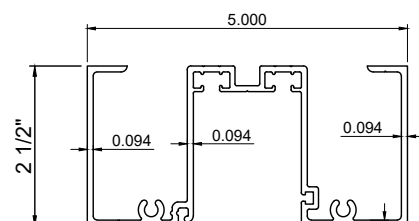
A43 TRANSOM BAR / HEADER / JAMB
3001R 6063-T6



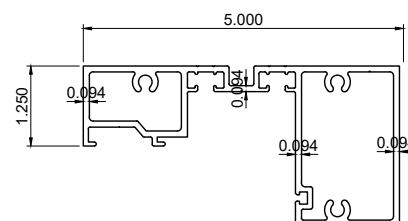
A44 TRANSOM BAR / HEADER / JAMB (OPTION)
3301 6063-T6



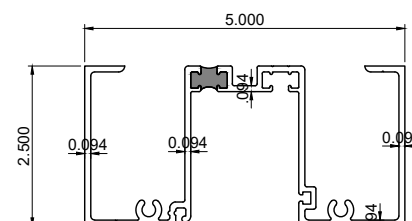
A45 TRANSOM BAR / HEADER / JAMB (OPTION)
3311 6063-T6



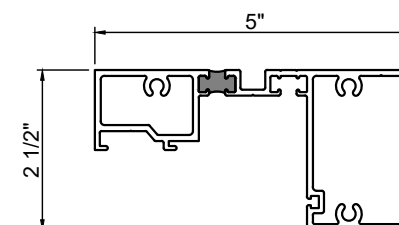
A46 TRANSOM HEAD (OPTION)
CG502-11 6063-T6



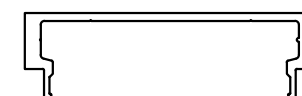
A47 TRANSOM HEAD (OPTION)
CG502-2 6063-T6



A48 TRANSOM HEAD (OPTION)
CT501-11 6063-T6



A49 TRANSOM HEAD (OPTION)
CT501-2 6063-T6



A50 JAMB (OPTION)
3005 6063-T6



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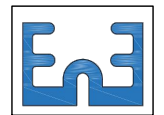
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PRODUCT:

351 Series Alum Outswing Doors HVHZ - LMI

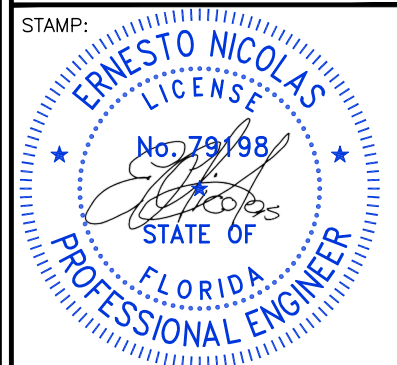
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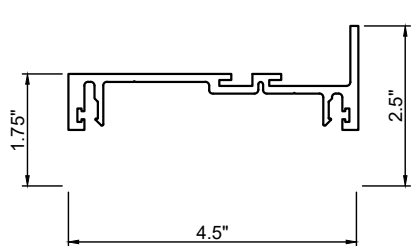
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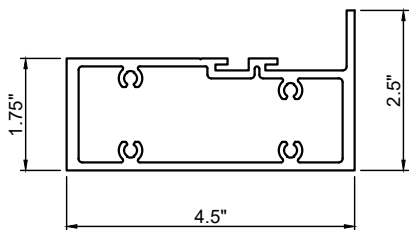
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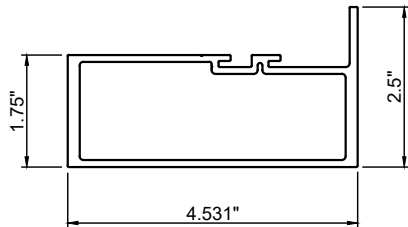
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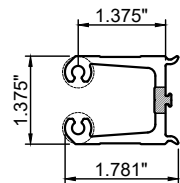
A51 JAMB (OPTION)
3300B 6063-T6



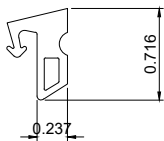
A52 TRANSOM BAR/HEADER/JAMB (OPTION)
3311 6063-T6



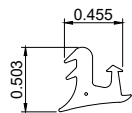
A52 JAMB (OPTION)
3306 6063-T6



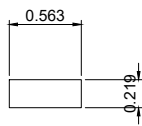
A53 DOOR SHEAR CLIP
26069 6063-T6



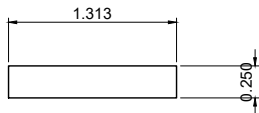
B1 DOOR GLAZING GASKET
RG15 EPDM



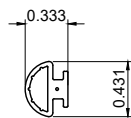
B2 TRANSOM GLAZING GASKET
RG1 EPDM



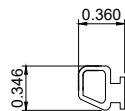
B3 SETTING BLOCK FOR $\frac{9}{16}$ " GLASS
H62D EPDM



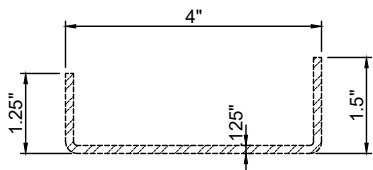
B4 SETTING BLOCK FOR $1\frac{5}{16}$ " GLASS
H62F EPDM



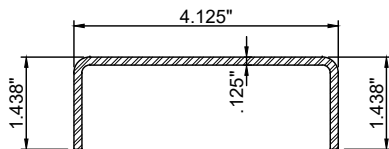
B5 DOOR STOP GASKET
RG5 EPDM



B6 BUMPER THRESHOLD GASKET
H74 EPDM



C16 3301 OPTIONAL TRANSOM REINF.
ST338 A36 MIN.



C17 10220 OPTIONAL TRANSOM REINF.
ST339 A36 MIN.



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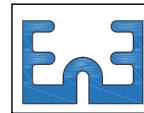
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PRODUCT:

351 Series Alum Outswing Doors HVHZ - LMI

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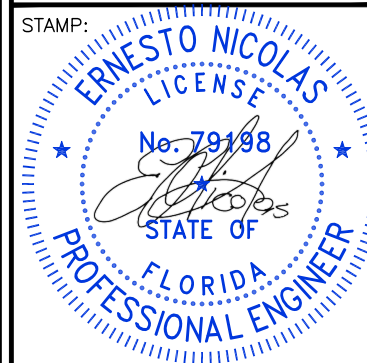
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Drwg. No: 23FL-106	SCALE: N.T.S.

SHEET NO.:

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SERIES 351 DOOR BILL OF MATERIALS				
ITEM NO.	PART NO.	DESCRIPTION	MATERIAL	MANUFACTURER
A 1	3000	DOOR HEADER / JAMB	ALUM. 6063-T6	TRULITE
A 2	5000	DOOR HEADER / JAMB	ALUM. 6063-T6	TRULITE
A 3	10220	DOOR HEADER / JAMB	ALUM. 6063-T6	TRULITE
A 4	3001	TRANSOM BAR/ HEADER/JAMB	ALUM. 6063-T6	TRULITE
A 5	3101	TRANSOM BAR/ HEADER/JAMB	ALUM. 6063-T6	TRULITE
A 6	26015	3 ½" TOP RAIL	ALUM. 6063-T6	TRULITE
A 7	26364	5" BOTTOM RAIL	ALUM. 6063-T6	TRULITE
A 8	26366	BEVEL HINGE STILE	ALUM. 6063-T6	TRULITE
A 9	26378	MEETING STILE - ACTIVE	ALUM. 6063-T6	TRULITE
A 10	26371	MEETING STILE - INACTIVE	ALUM. 6063-T6	TRULITE
A 11	40290	SADDLE THRESHOLD	ALUM. 6063-T6	TRULITE
A 12	2005A	5" BUMPER THRESHOLD	ALUM. 6063-T6	TRULITE
A 13	1042	4" BUMPER THRESHOLD	ALUM. 6063-T6	TRULITE
A 14	10029	DOOR STOP	ALUM. 6063-T6	TRULITE
A 15	44013	DOOR STOP	ALUM. 6063-T6	TRULITE
A 16	26031	INTERIOR DOOR ADAPTOR	ALUM. 6063-T6	TRULITE
A 17	26032	EXTERIOR DOOR ADAPTOR	ALUM. 6063-T6	TRULITE
A 18	3008	TRANSOM SASH (FOR ⅝" GLASS)	ALUM. 6063-T6	TRULITE
A 19	3009	TRANSOM GLASS STOP	ALUM. 6063-T6	TRULITE
A 20	3103	3100 SYSTEM GLASS ADAPTOR	ALUM. 6063-T6	TRULITE
A 21	3109	GLAZING ADAPTOR	ALUM. 6063-T6	TRULITE
A 22	3003	GLAZING ADAPTOR	ALUM. 6063-T6	TRULITE
A 23	3108	TRANSOM SASH (FOR 1 ⅝" GLASS)	ALUM. 6063-T6	TRULITE
A 24	3004CLIP	3000 SYSTEM SHEAR BLOCK	ALUM. 6063-T6	TRULITE
A 25	3104CLIP	3100 SYSTEM SHEAR BLOCK	ALUM. 6063-T6	TRULITE
A 26	3104C	3100 SYSTEM SHEAR BLOCK	ALUM. 6063-T6	TRULITE
A 27	26375	ASTRAGAL PLATE	ALUM. 6063-T6	TRULITE
A 28	40296	HIGH-RISE THRESHOLD	ALUM. 6063-T6	TRULITE
A 29	26014	MID-RAIL	ALUM. 6063-T6	TRULITE
A 30	26013	MID-RAIL ADAPTOR	ALUM. 6063-T6	TRULITE
A 31	26034	GLASS ADAPTOR	ALUM. 6063-T6	TRULITE
A 32	26203	IMPACT DOOR BEARING PLATE	ALUM. 6063-T6	TRULITE
A 33	DF500-1	DOOR FRAME JAMB	ALUM. 6063-T6	TRULITE
A 34	SW700-18	FLAT FILLER	ALUM. 6063-T6	TRULITE
A 35	DF117	TRANSOM SASH (FOR 1 ⅝" GLASS)	ALUM. 6063-T6	TRULITE
A 36	DF107	TRANSOM GLASS STOP	ALUM. 6063-T6	TRULITE
A 37	CG500-11	HEAD OR WALL JAMB	ALUM. 6063-T6	TRULITE
A 38	DF106	TRANSOM SASH (FOR 9/16" GLASS)	ALUM. 6063-T6	TRULITE
A 39	DF500-2	TRANSOM BAR	ALUM. 6063-T6	TRULITE
A 40	DF102	O/A DOOR HEADER STOP	ALUM. 6063-T6	TRULITE
A 41	CG501-11	HEAD / JAMB	ALUM. 6063-T6	TRULITE
A 42	SC351-1 TO 3	SHEAR CLIP (1.75", 5.25" & 7.75" LONG)	ALUM. 6063-T6	TRULITE
A 43	3001R	TRANSOM BAR/ HEADER/JAMB	ALUM. 6063-T6	TRULITE
A 44	3301	TRANSOM BAR/ HEADER/JAMB	ALUM. 6063-T6	TRULITE
A 45	3311	TRANSOM BAR/ HEADER/JAMB	ALUM. 6063-T6	TRULITE
A 46	CG502-11	HEAD / JAMB	ALUM. 6063-T6	TRULITE
A 47	CG502-2	HEAD / SILL	ALUM. 6063-T6	TRULITE
A 48	CT501-11	HEAD / JAMB	ALUM. 6063-T6	TRULITE
A 49	CT501-2	HEAD / SILL	ALUM. 6063-T6	TRULITE
A 50	3005	JAMB	ALUM. 6063-T6	TRULITE
A 51	3300B	MULLION / JAMB	ALUM. 6063-T6	TRULITE
A 52	3306	JAMB	ALUM. 6063-T6	TRULITE
A 53	26069	DOOR SHEAR CLIP	ALUM. 6063-T6	TRULITE

ITEM NO.	PART NO.	DESCRIPTION	MATERIAL	MANUFACTURER
B 1	RG-15	DOOR GLAZING GASKET	EPDM (DUR. 70 SHORE A)	TRULITE
B 2	RG-1	TRANSOM GLAZING GASKET	EPDM (DUR. 70 SHORE A)	TRULITE
B 3	H62D	½" x ¼" x 4" SETTING BLOCK	EPDM (DUR. 85 +- 5 SHORE A)	TRULITE
B 4	H62F	1 ⅜" x ¼" x 4" SETTING BLOCK	EPDM (DUR. 85 +- 5 SHORE A)	TRULITE
B 5	RG-5	DOOR STOP GASKET	EPDM (DUR. 65 SHORE A)	TRULITE
B 6	H74	BUMPER THRESHOLD	EPDM (DUR. 70 SHORE A)	TRULITE

ITEM NO.	PART NO.	DESCRIPTION	MATERIAL	MANUFACTURER
C 1	23301	RUBBER GROMMET AT ASTRAGAL	NITRIL	RUBBERGROMMET.COM
C 2	DOWSIL995	STRUCTURAL SEALANT	STRUCTURAL SILICONE	DOW
C 3	DOWSIL983	STRUCTURAL SEALANT	STRUCTURAL SILICONE	DOW
C 4	V2108	¼" X ⅜" GLAZING TAPE	POLYURETHANE FOAM	ST. GOBAIN
C 5	21274 / 21273	OFFSET PIVOT HINGE	ALUMINUM	HAGER
C 6	24642	OFFSET PIVOT HINGE	ALUMINUM	HAGER
C 7	2456X	OFFSET PIVOT HINGE	ALUMINUM	HAGER
C 8	26298	4-1/2" X 4" NRP STEEL BUTT HINGE	STEEL	HAGER/IMPERIAL USA
C 9	6009X	ALUM. CONT. GEARED HINGE	ALUMINUM	HAGER
C 10	24110	BRUSH PILE	YARN	AMESBURY GROUP
C 11	25047	DOOR BOTTOM SWEEP ASSEMBLY	ALUM./RUBBER	HAGER
C 12	23501	DOOR STOP CLIP, 6" @ ENDS & 12" O.C. MAX.	STEEL	EVANS MANUFACT.
C 13	SPACER2	PVC SETTING BLOCK FOR ⅝" GLASS	PVC	M & M PLASTIC
C 14	SPACER3	DOOR SETTING BLOCK	ALUM. 6063-T6	TRULITE
C 15	ULTRAFAB E205	BUMPER THRESHOLD GASKET	THERM PLAST.	ULTRAFAB
C 16	ST338	1.25"x4"x1.5"x0.125" THK. CHANNEL	A36 STEEL (MIN.)	VARIES
C 17	ST339	1.438"x4.125"x0.125" THK. CHANNEL	A36 STEEL (MIN.)	VARIES

ITEM NO.	PART NO.	DESCRIPTION	MATERIAL	MANUFACTURER
D 1	23163	#12-24" x ¾" PFH-23	ZINC COATED STEEL	ALLOY FASTENER
D 2	23097	#10-24" x ½" PFH	ZINC COATED STEEL	ALLOY FASTENER
D 3	23302	#6x¾" UC-PFH TEK	ZINC COATED STEEL	ALLOY FASTENER
D 4	23233	1/4-20 x1 ½" PFH (Gr. 5)	ZINC COATED STEEL	ALLOY FASTENER
D 5	23089	#10-24 x ⅝" PFH	ZINC COATED STEEL	ALLOY FASTENER
D 6	23079	#10-24 x ¾" PFH	ZINC COATED STEEL	ALLOY FASTENER



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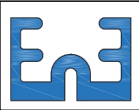
403 West Park Court, Suite 201
Peachtree City, GA 30269
p. 800-432-8132

PRODUCT:

351 Series
Alum Outswing
Doors
HVHZ - LMI

REV#	DATE/REMARKS
REV 01	02/04/19 UPDATE
REV 02	07/07/20 UPDATE TO FBC 2020
REV 05	09/27/23 UPDATE TO FBC 2023

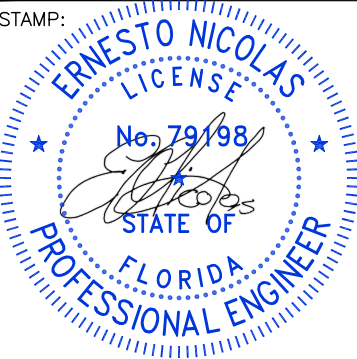
ENGINEER:



En3 Engineering & Consultancy

950 SW 135th Way Sunrise,
FL 33325 P. 786 474 3876
Email: en3.engconsul@gmail.com

STAMP:



FLORIDA PRODUCT APPROVAL:

FL # 42671.1

DATE: SEPT. 27, 2023

Drwn: Erick

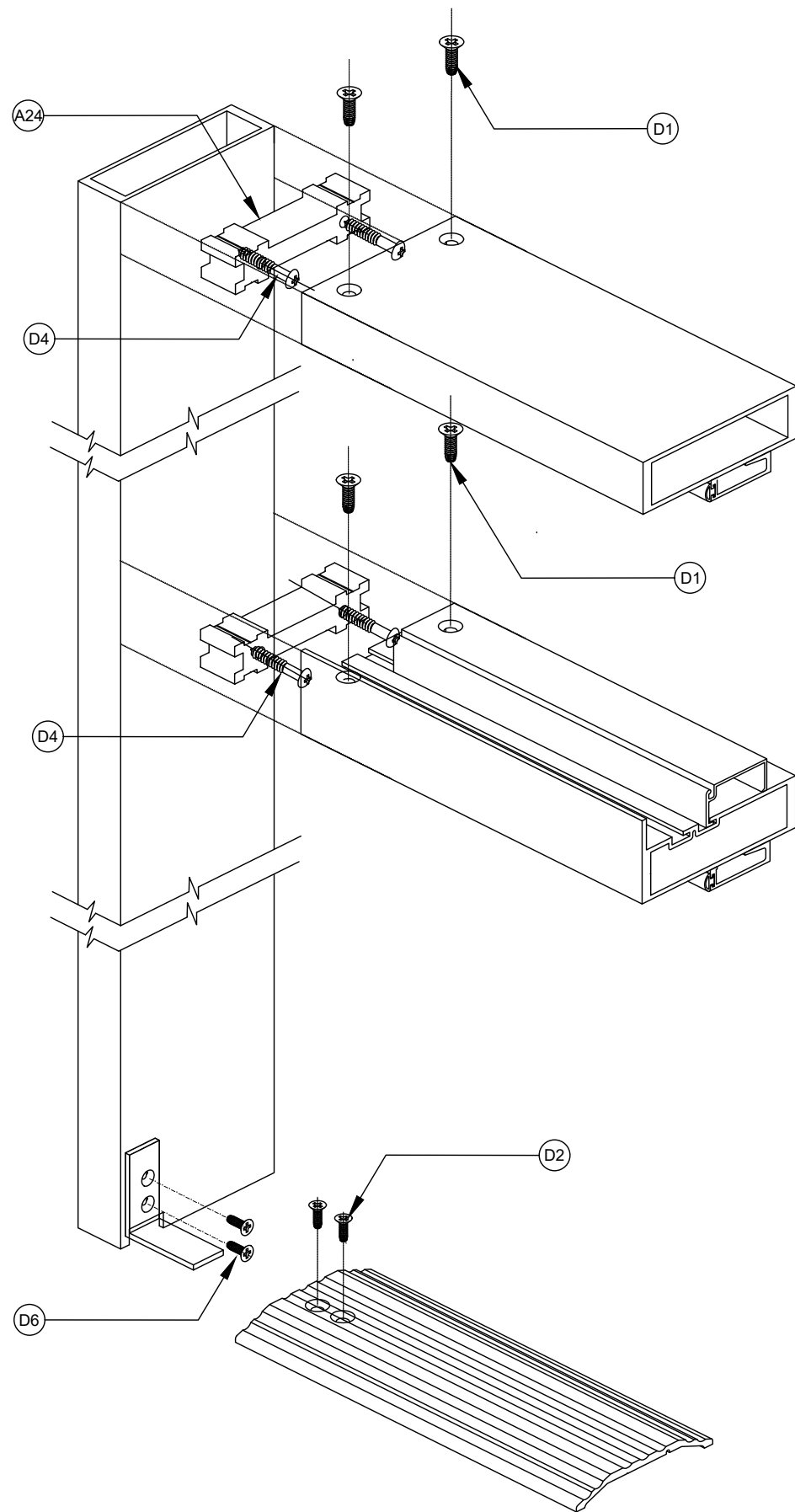
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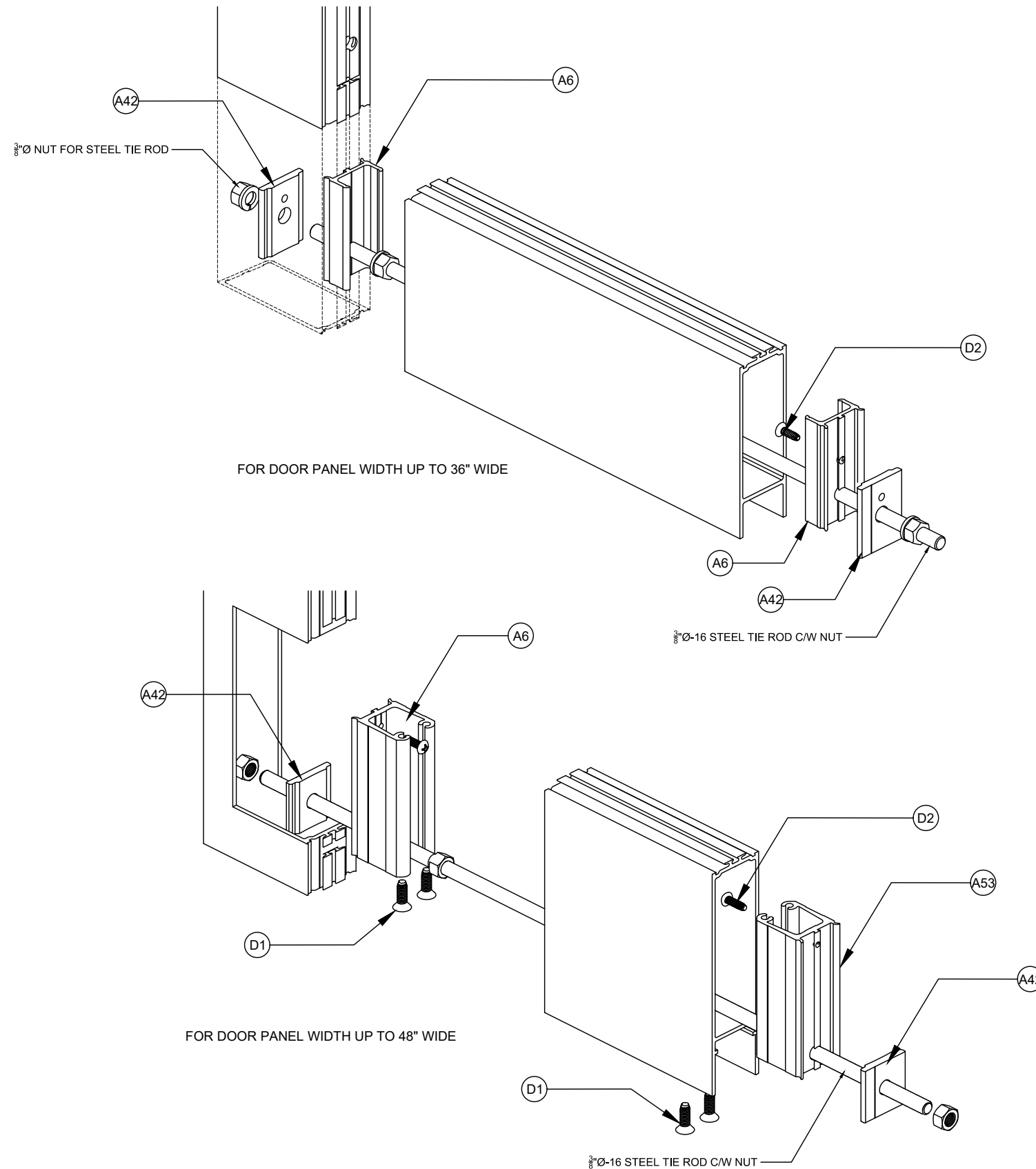
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SHEET NO.:

13 OF 14



FRAME CORNER CONNECTION



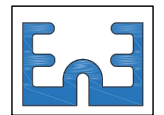
DOOR PANEL CORNER CONNECTION

PRODUCT:

**351 Series
Alum Outswing
Doors**
HVHZ - LMI

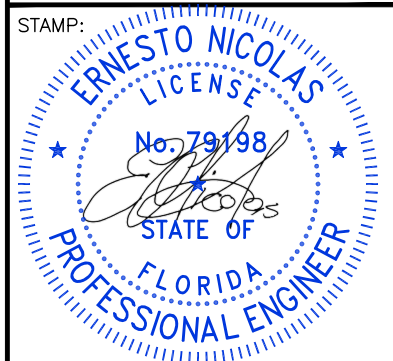
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SHEET NO.:

14 OF 14