

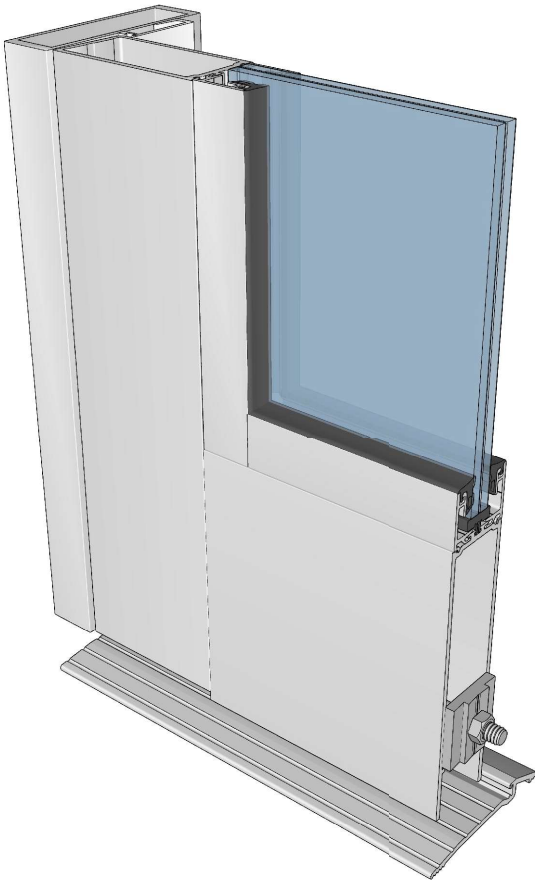
TRULITE GLASS & ALUMINUM SOLUTIONS

SERIES 351 IMPACT OUTSWING DOOR SYSTEM - LMI (HVHZ)

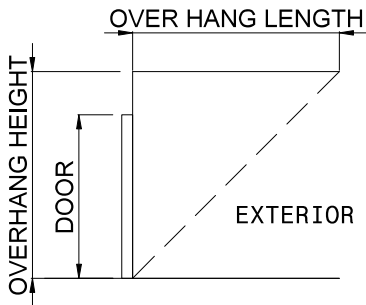
HVHZ LEVEL 'D' & 'E' (ESSENTIAL FACILITY) IMPACT

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
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. INSTALLATION ANCHORS MUST BE MADE OF CORROSION RESISTANT MATERIAL OR HAVE A CORROSION RESISTANT COATING.
7. 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.



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
FBC - FLORIDA BUILDING CODE

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.

Trulite
GLASS & ALUMINUM SOLUTIONS™
<http://www.trulite.com>
1750 Founders Pkwy, Suite. 154,
Alpharetta GA, 30009
p. 800-432-8132

PRODUCT:

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

REVN	DATE/REMARKS
1	Oct. 16'24/RIM PANIC ADD'L LOCK HARDWARE QUALIFICATIONS
2	April 15'25/LEVEL E & OPEN BACK DOOR STOP QUALIFICATIONS

ENGINEER:

En3 Engineering & Consultancy
950 SW 135th Way Sunrise,
FL 33325 P. 786 474 3876
Email: en3.engconsul@gmail.com

STAMP:

ERNESTO NICOLAS
LICENSE
No. 79108
STATE OF
FLORIDA
PROFESSIONAL ENGINEER
Ernesto Nicolas
Date: 2025.04.24
00:26:55 +08'00'

FLORIDA PRODUCT APPROVAL:

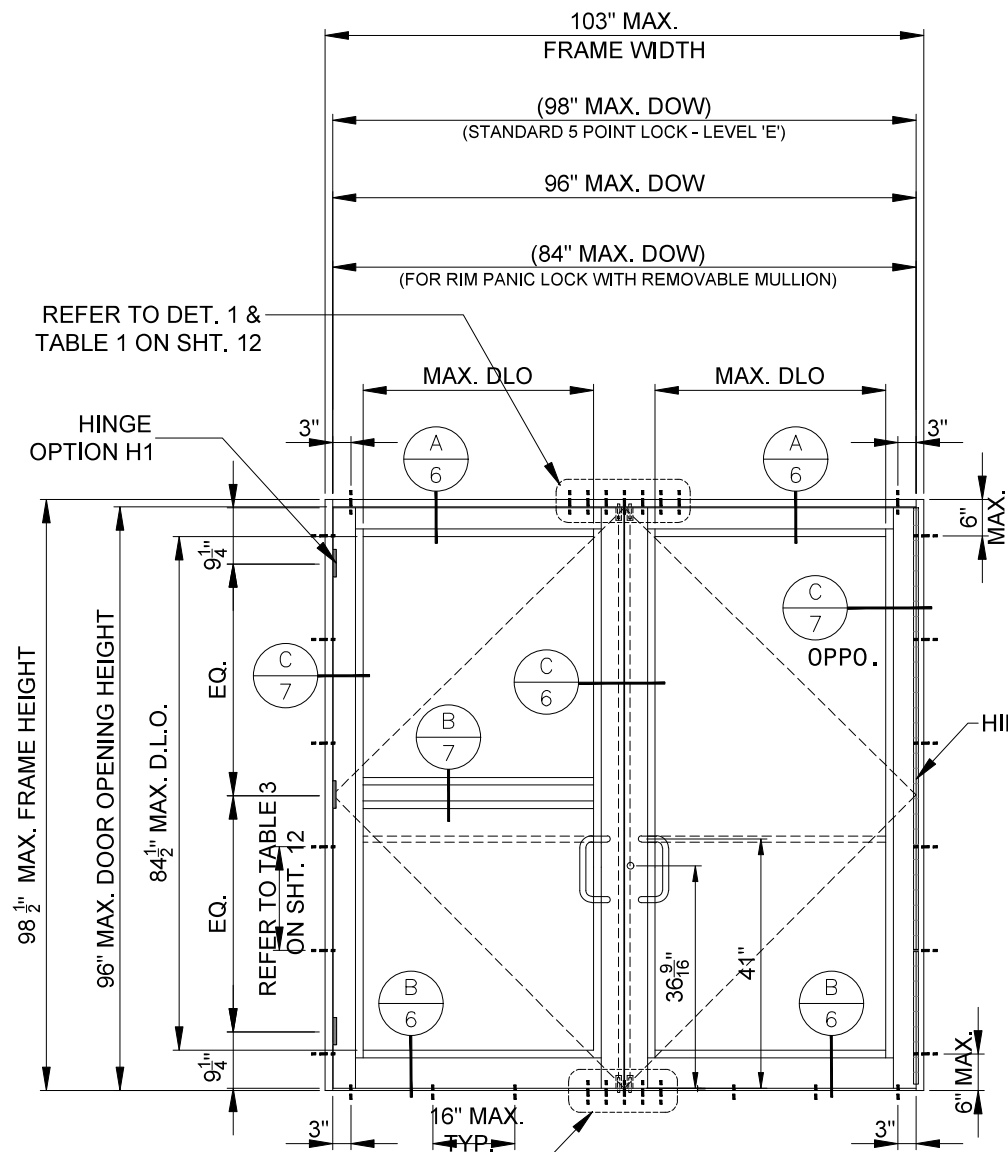
FL42671

DATE: AUG. 24, 2023

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

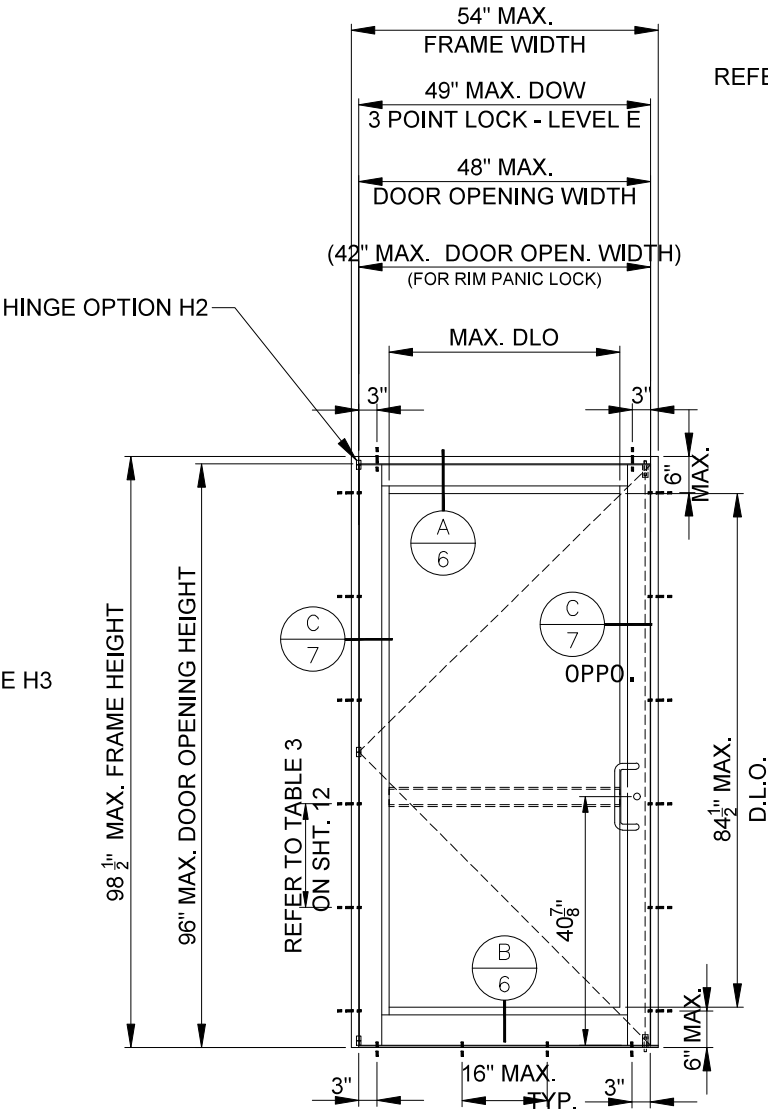
SHEET NO.:

1 of 17



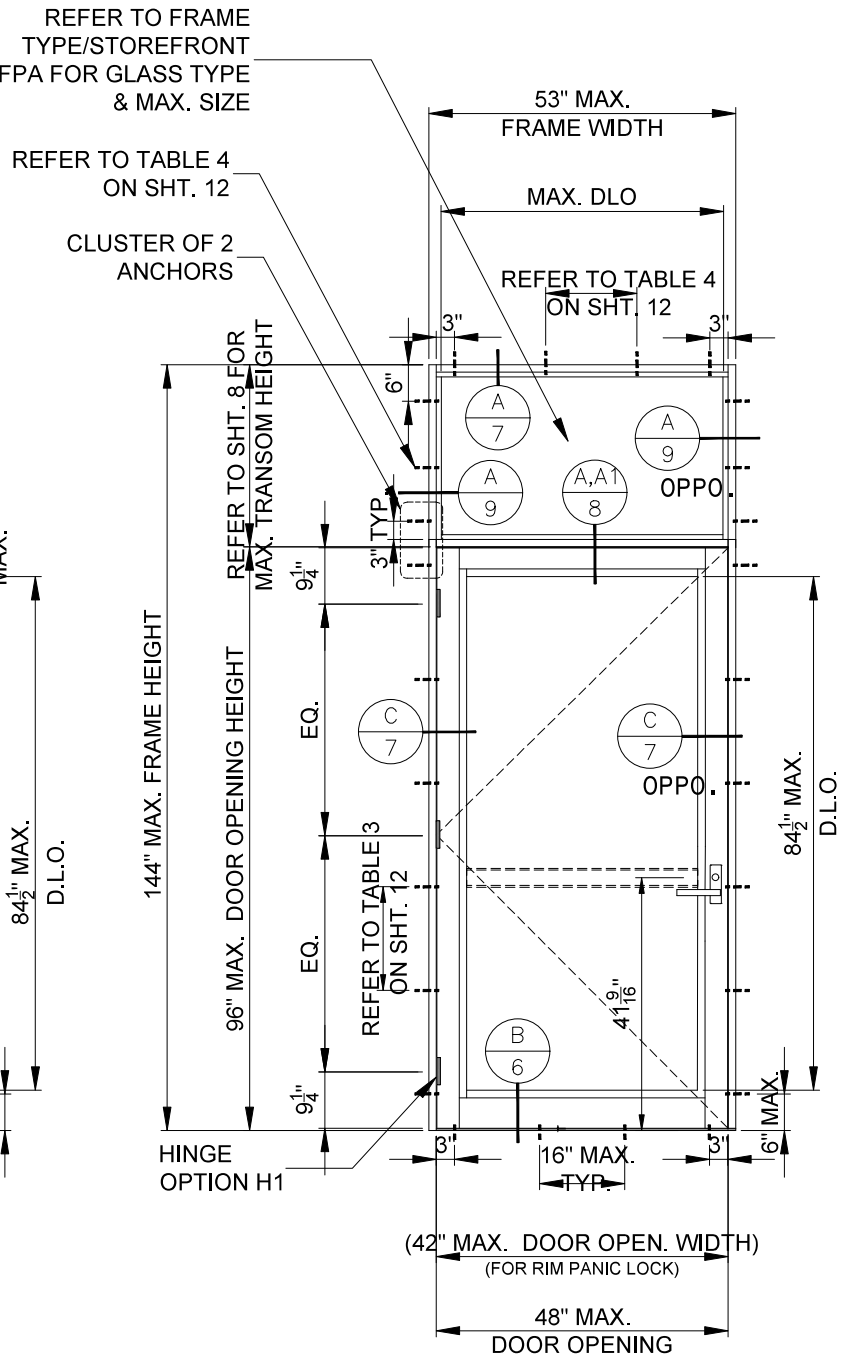
DOUBLE DOOR (STANDARD PUSH/PULL)

- STANDARD 5 POINT LOCK LAYOUT SHOWN
- QUALIFIED FOR LEVEL 'E' (ESSENTIAL FACILITY) IMPACT (DP = +-85psf)



SINGLE DOOR

- CVR EXIT DEVICE SHOWN
- STANDARD 3 POINT LOCK SINGE DOOR
- QUALIFIED FOR LEVEL 'E' IMPACT (DP = +-85PSF)



SINGLE DOOR WITH TRANSOM

- RIM PANIC LOCK SHOWN (LIMIT TO 42" OPENING WIDTH)

MAXIMUM DESIGN PRESSURE IS $\pm 70\text{psf}$ EXCEPT FOR THE FOLLOWING:

- WHEN USING RIM PANIC HARDWARE, THE MAXIMUM DESIGN PRESSURE IS LIMITED TO $\pm 65\text{PSF}$ WITH A MAXIMUM DOOR OPENING WIDTH OF 84".
- WHEN USING STANDARD 5 POINT LOCK (DOUBLE DOOR) / 3POINT LOCK (SINGLE DOOR) HARDWARE, THE MAXIMUM DESIGN PRESSURE IS LIMITED TO $\pm 85\text{PSF}$ WITH A MAXIMUM DOOR OPENING WIDTH OF 98". THIS HARDWARE CAN BE UTILIZED IN ESSENTIAL FACILITIES (LEVEL 'E' IMPACT). LEVEL 'E' IMPACT IS NOT QUALIFIED FOR DOOR WITH TRANSOM.

NOTE: THE LOWEST CAPACITY BETWEEN DOOR, TRANSOM AND STOREFRONT/SIDELITE SHALL GOVERN.

Trulite
GLASS & ALUMINUM SOLUTIONS™
<http://www.trulite.com>
1750 Founders Pkwy, Suite. 154,
Alpharetta GA, 30009
p. 800-432-8132

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

REVN	DATE/REMARKS
1	Oct. 16'24/RIM PANIC ADD'L LOCK HARDWARE QUALIFICATIONS
2	April 15'2 5/LEVEL E & OPEN BACK DOOR STOP QUALIFICATIONS

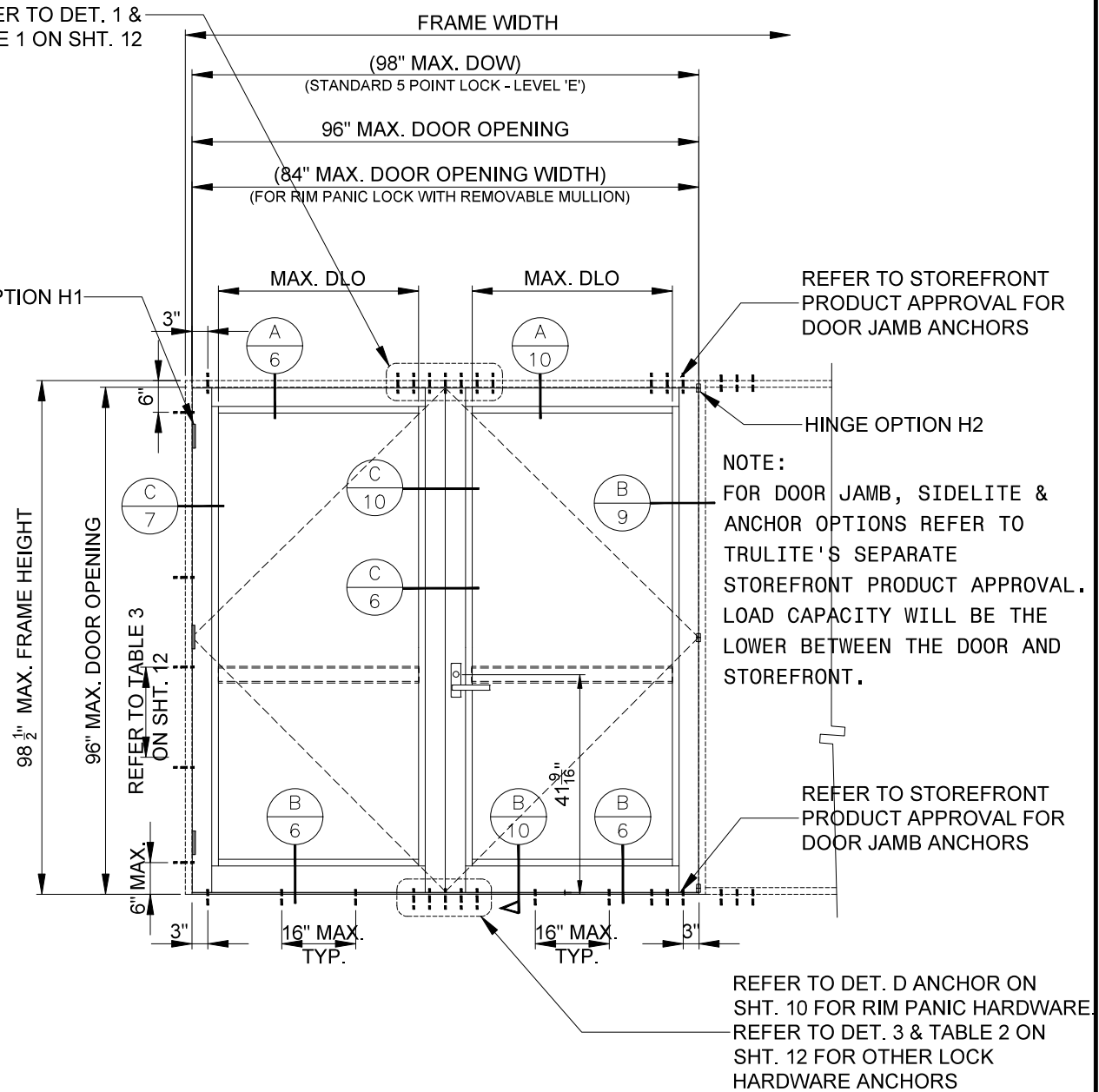
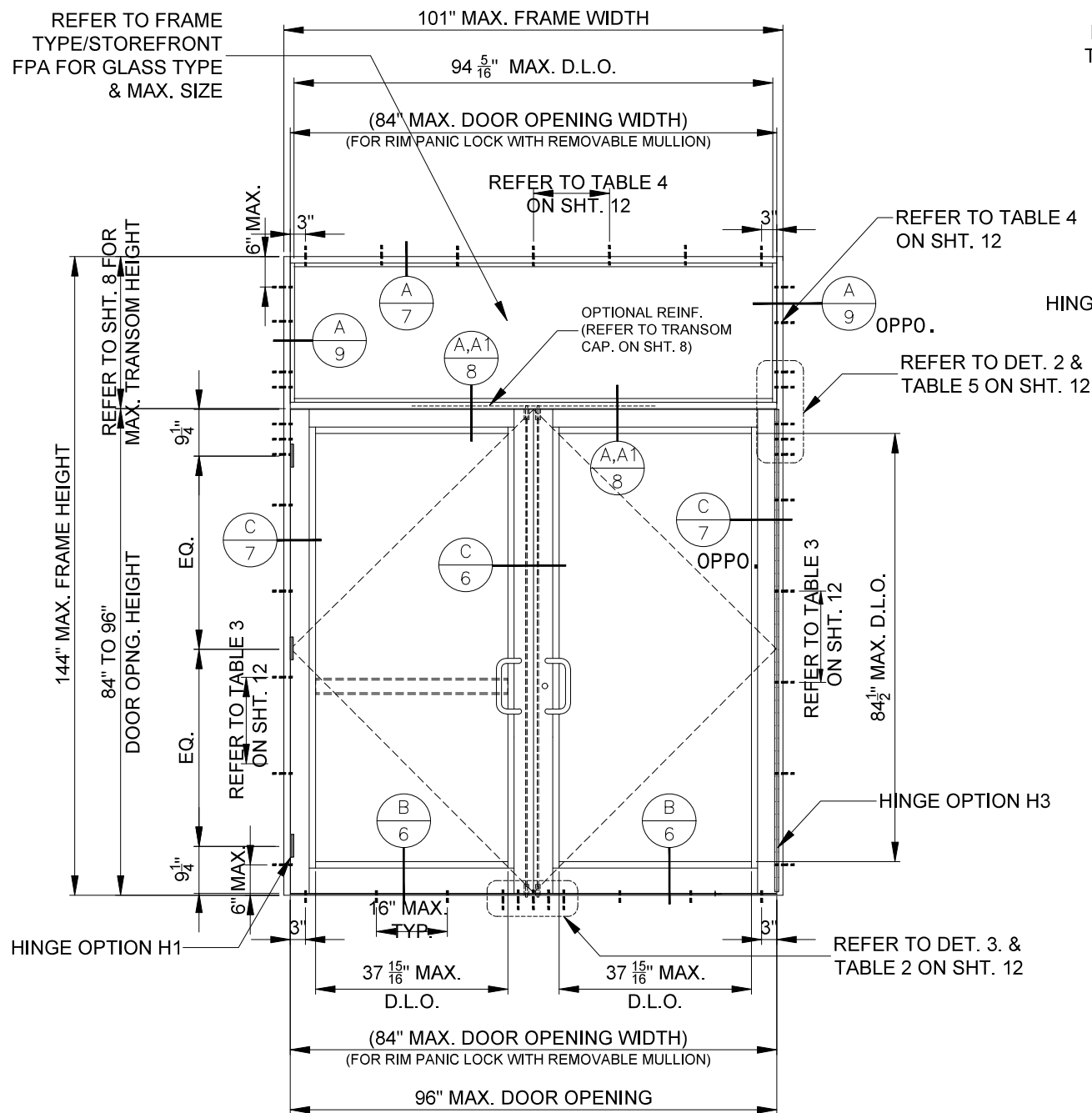
ENGINEER:
En3 Engineering & Consultancy
950 SW 135th Way Sunrise,
FL 33325 P. 786 474 3876
Email: en3.engconsul@gmail.com

STAMP:
ERNESTO NICOLAS
LICENSE
No. 79198
STATE OF
FLORIDA
PROFESSIONAL ENGINEER

FLORIDA PRODUCT APPROVAL:
FL42671

DATE: AUG. 24, 2023
Drwn: Erick
CHK: ESN
Drwg. No: 23FL-106
SCALE: N.T.S.

SHEET NO.:
2 of 17



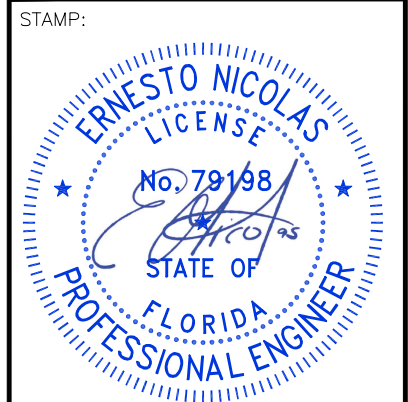
PRODUCT:

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

REVN	DATE/REMARKS
1	Oct. 16'24/RIM PANIC ADD'L LOCK HARDWARE QUALIFICATIONS
2	April 15'2 5/LEVEL E & OPEN BACK DOOR STOP QUALIFICATIONS

ENGINEER:

En3 Engineering & Consultancy
950 SW 135th Way Sunrise,
FL 33325 P. 786 474 3876
Email: en3.engconsul@gmail.com



FLORIDA PRODUCT APPROVAL:

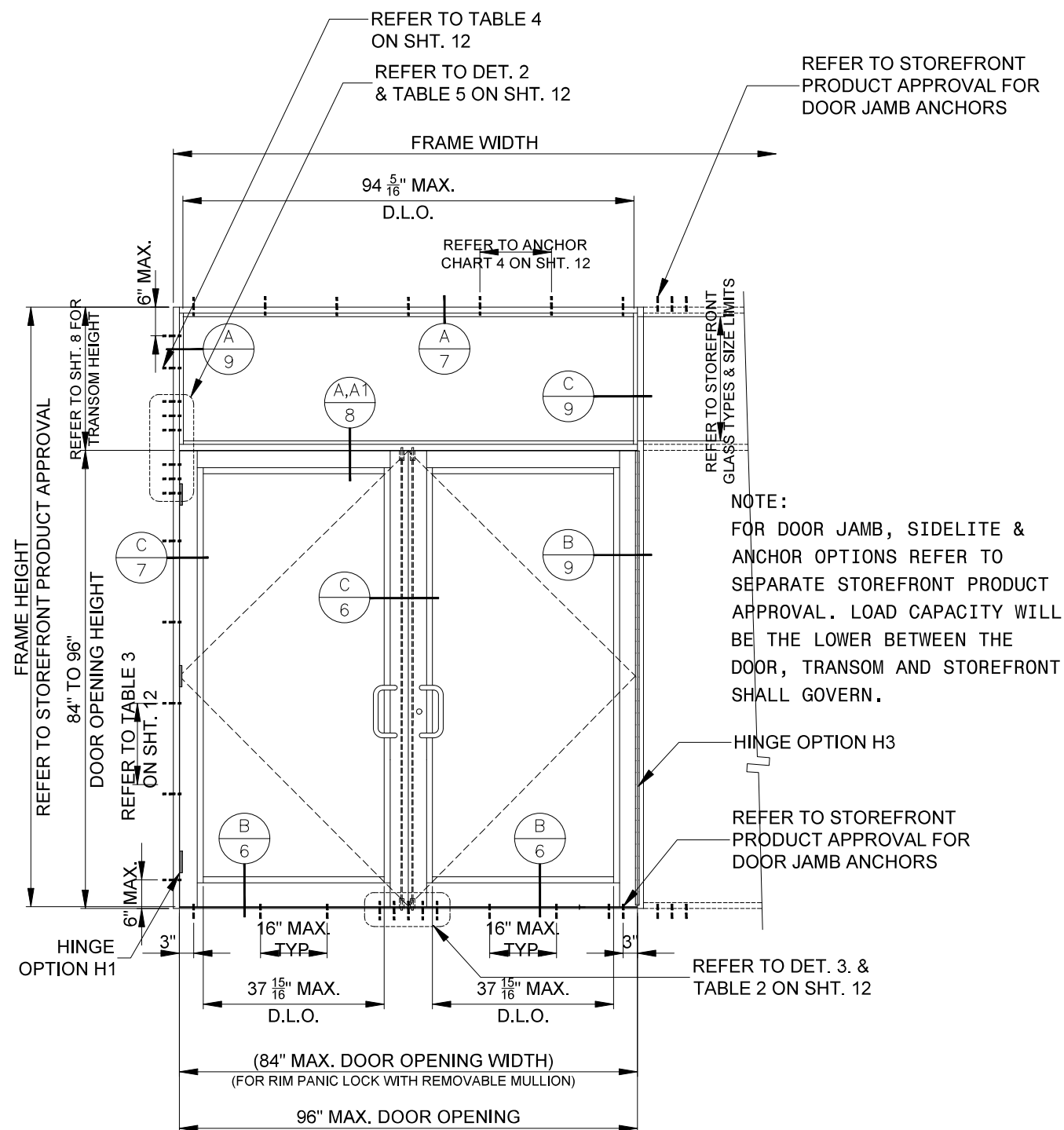
FL42671

DATE: AUG. 24, 2023

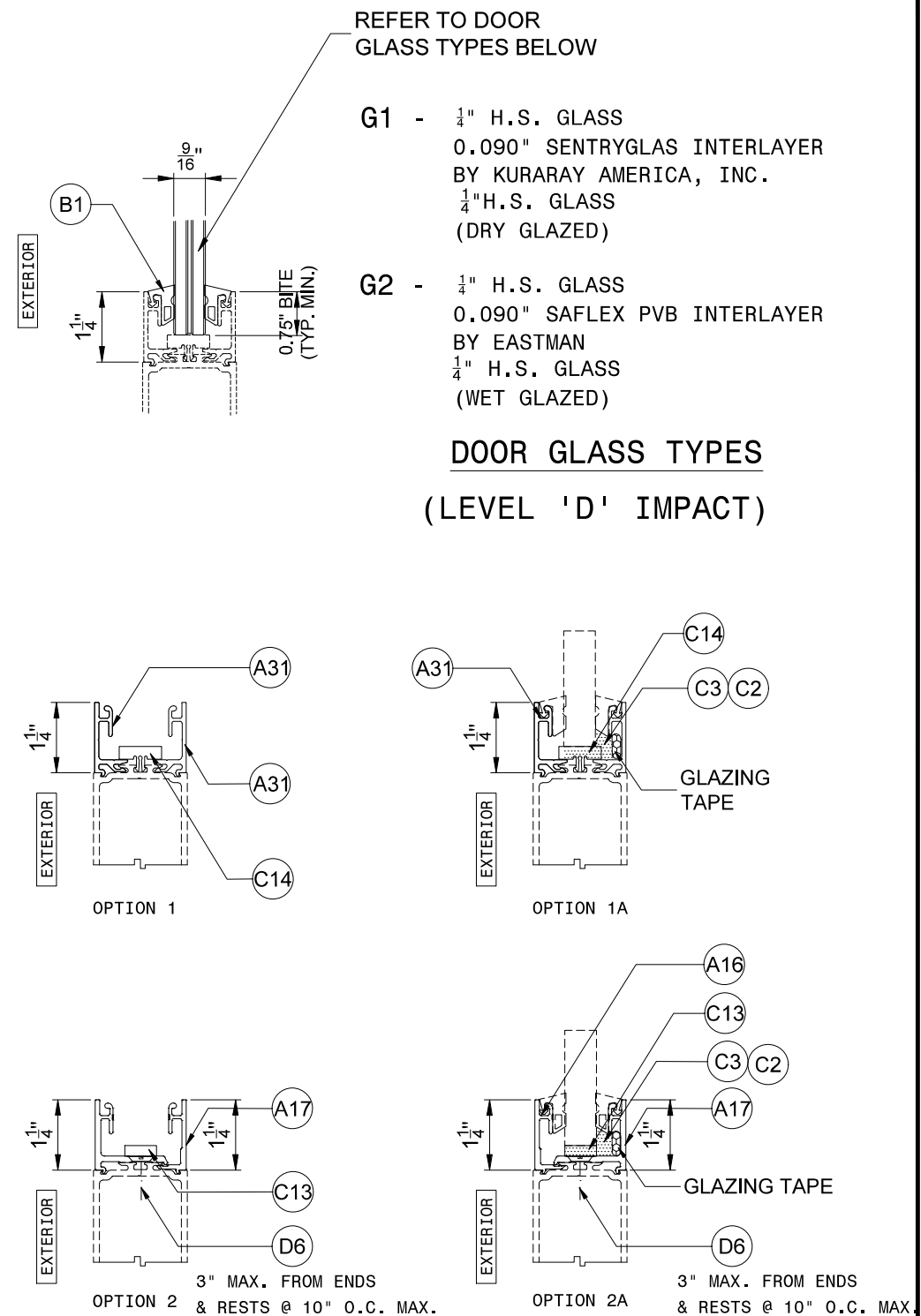
Drwn: Erick	CHK: ESN
Drwg. No: 23FL-106	SCALE: N.T.S.

SHEET NO.:

3 of 17



DOUBLE DOOR WIDTH SIDELITE & TRANSOM
(REFER TO TRANSOM CAP. ON SHT. 8)



GLASS STOP CONFIG. OPTIONS
(LEVEL 'D' IMPACT)

Trulite
GLASS & ALUMINUM SOLUTIONS™
<http://www.trulite.com>
403 West Park Court, Suite 201
Peachtree City, GA 30269
p. 800-432-8132

PRODUCT:

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

REVN	DATE/REMARKS
1	Oct. 16'24/RIM PANIC ADD'L LOCK HARDWARE QUALIFICATIONS
2	April 15'2 5/LEVEL E & OPEN BACK DOOR STOP QUALIFICATIONS

ENGINEER:

En3 Engineering & Consultancy
950 SW 135th Way Sunrise,
FL 33325 P. 786 474 3876
Email: en3.engconsul@gmail.com

STAMP:

ERNESTO NICOLAS
LICENSE
No. 79198
STATE OF
FLORIDA
PROFESSIONAL ENGINEER

FLORIDA PRODUCT APPROVAL:

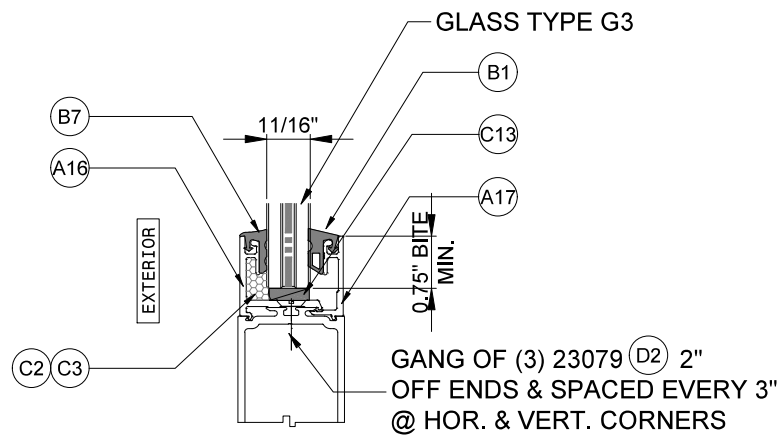
FL42671

DATE: AUG. 24, 2023

Drwn: Erick	CHK: ESN
Drwg. No: 23FL-101	SCALE: N.T.S.

SHEET NO.:

4 of 17



LEVEL 'E' IMPACT GLASS STOP CONFIG.

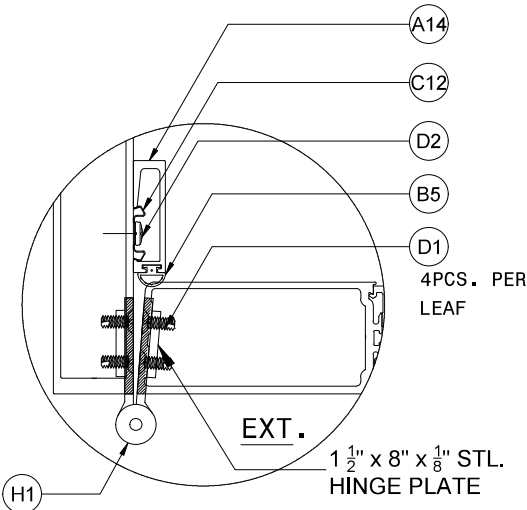
G3 - 1/4" H.S. GLASS
0.180" SENTRYGLAS INTERLAYER
BY KURARAY AMERICA, INC.
1/4" H.S. GLASS

LEVEL 'E' DOOR GLASS TYPE

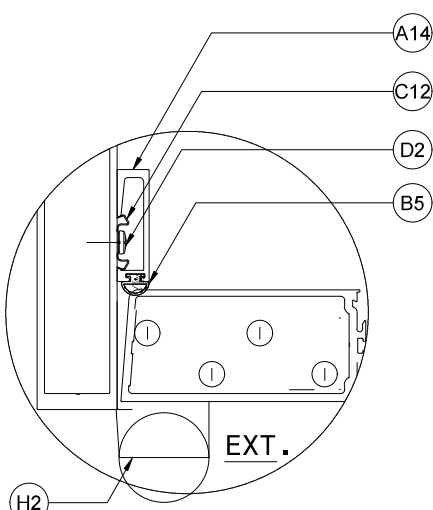
LOCK OPTIONS				
	MANUFACTURER	DESCRIPTION	IMPACT TYPE	DP (psf)
1	AHT 8000	CONCEALED VERTICAL ROD EXIT DEVICE TWO POINT LOCK SYSTEM	'D'	70
2	DOR-O-MATIC (FALCON) 1690			
3	VON DUPRIN 9947			
4	REGENT 5770			
5	ADAMS RITE MS1880, MS1881, ILCO 1880 (INACTIVE DOOR PANEL)	CONCEALED TWO POINT LOCK SYSTEM (CANNOT BE USED ON SINGLE PANEL DOOR)	'E'	85
6	REGENT ML-207-TT-2PT (INACTIVE DOOR PANEL)	CONCEALED TWO POINT LOCK SYSTEM (CANNOT BE USED ON SINGLE PANEL DOOR)	'D'	70
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	'E'	85
8	REGENT ML-207-012 WITH FIVE PLY HOOK LOCK AND KEY CYLINDER ON THE EXTERIOR & THUMB TURN ON THE INTERIOR (ACTIVE DOOR PANEL)	CONCEALED THREE POINT LOCK SYSTEM	'D'	70
9	VON DUPRIN SERIES FER 33A/35A WITH VON DUPRIN KR9954 REMOVABLE MULLION	RIM PANIC (WITH REMOVABLE MULLION ON DOUBLE DOOR) MAXIMUM SINGLE DOOR OPENING WIDTH OF 42"	'D'	65
10	VON DUPRIN SERIES 99A/98A WITH VON DUPRIN KR9954 REMOVABLE MULLION	RIM PANIC (WITH REMOVABLE MULLION ON DOUBLE DOOR) MAXIMUM SINGLE DOOR OPENING WIDTH OF 42"	'D'	65

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

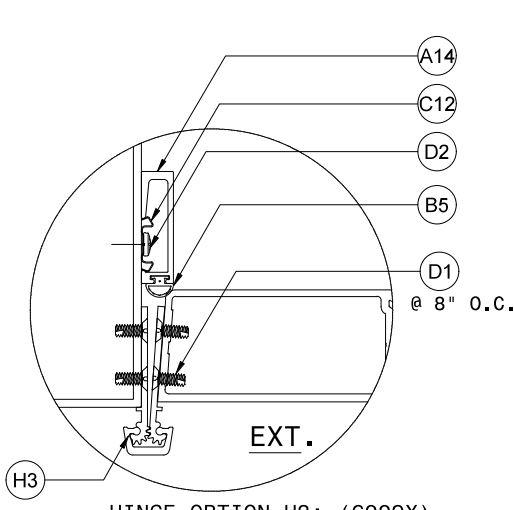
NOTE: HINGES SHOWN ARE IMAGE ONLY. ACTUAL PRODUCT MAY VARY.



HINGE OPTION H1: (26298)
4-1/2" STEEL BUTT HINGE
LEVEL 'E' IMPACT RATED



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



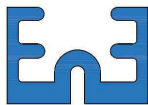
HINGE OPTION H3: (6009X)
CONCEALED ALUM. CONTINUOUS
GEARED HINGE
LEVEL 'E' IMPACT RATED

PRODUCT:

351 Series
Alum Outswing
Doors
HVHZ - LMI

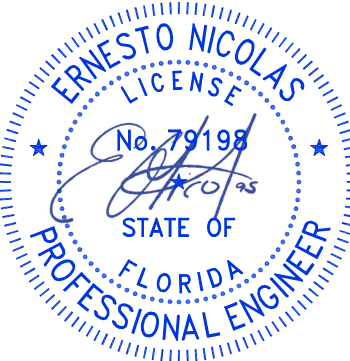
REV#	DATE/REMARKS
1	Oct. 16'24/RIM PANIC ADD'L LOCK HARDWARE QUALIFICATIONS
2	April 15'25/LEVEL E & OPEN BACK DOOR STOP QUALIFICATIONS

ENGINEER:



En3 Engineering & Consultancy
950 SW 135th Way Sunrise,
FL 33325 P. 786 474 3876
Email: en3.engconsul@gmail.com

STAMP:



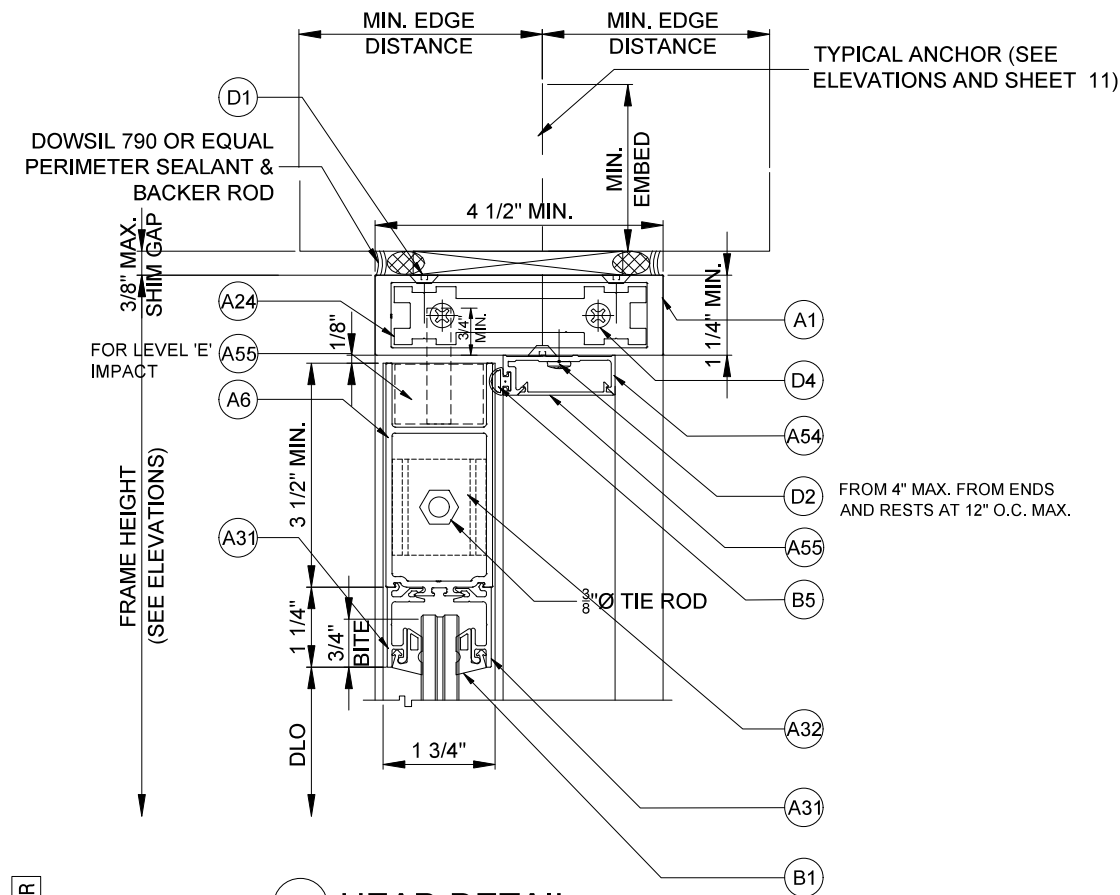
FLORIDA PRODUCT APPROVAL:

FL42671

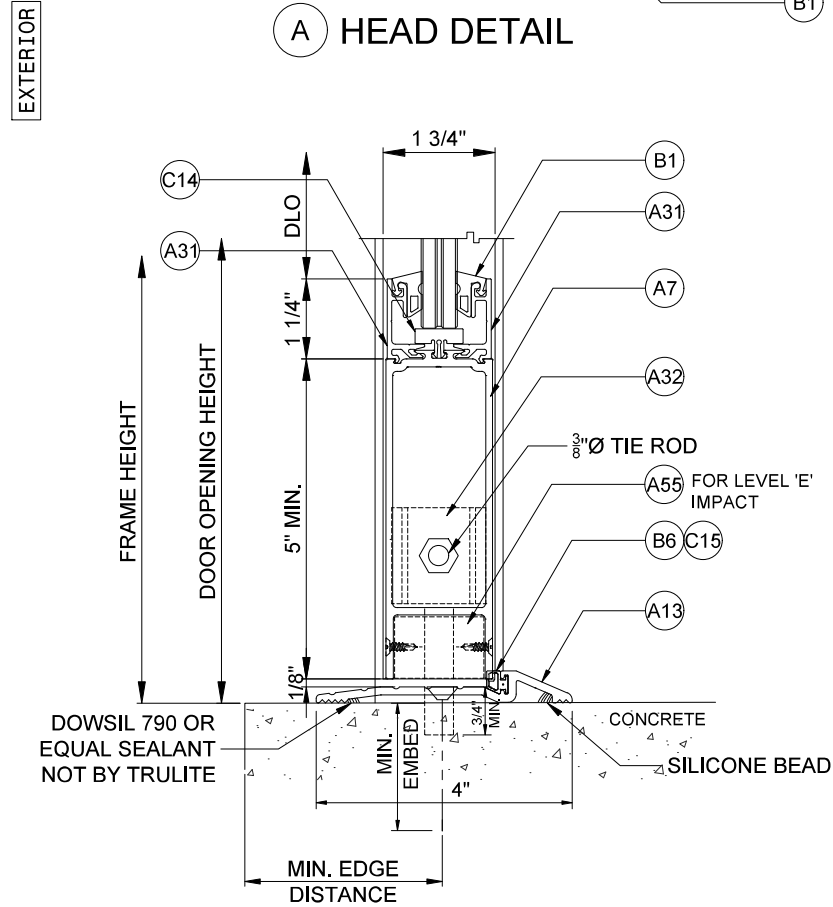
DATE: AUG. 24, 2023

Drwn: Erick	CHK: ESN
Drwg. No: 23FL-101	SCALE: N.T.S.

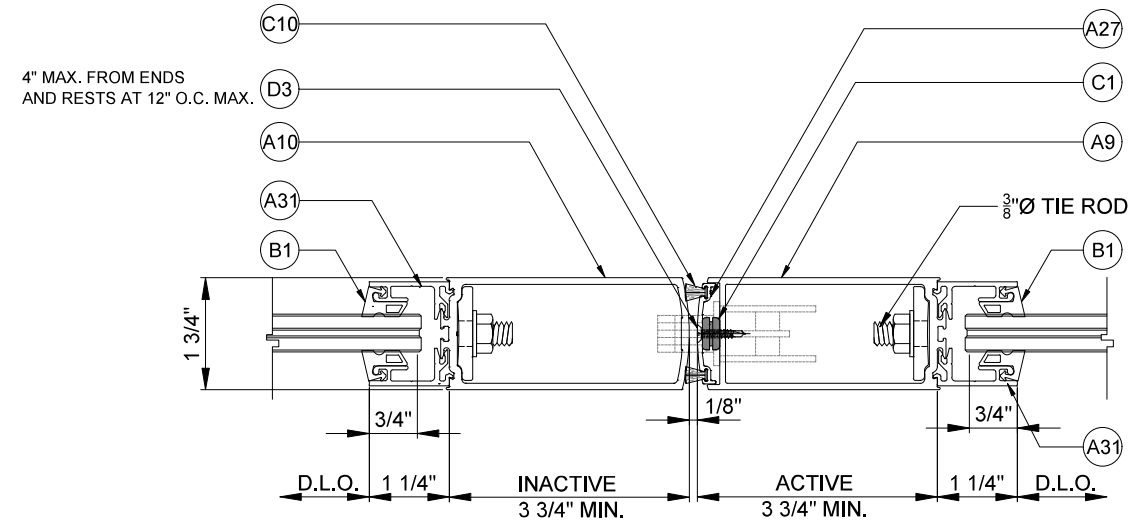
SHEET NO.:



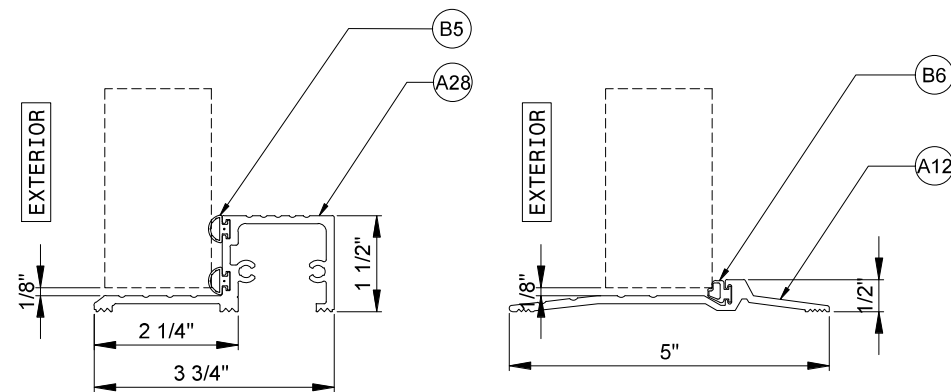
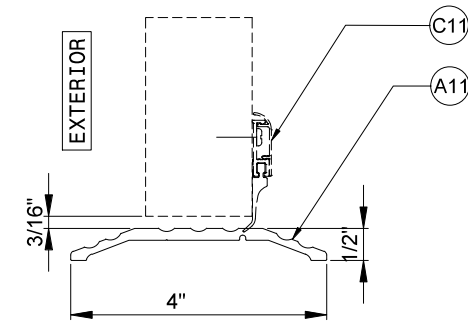
A HEAD DETAIL



B SILL DETAIL



C MEETING STILE DETAIL



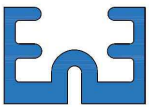
THRESHOLD OPTIONS

PRODUCT:

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

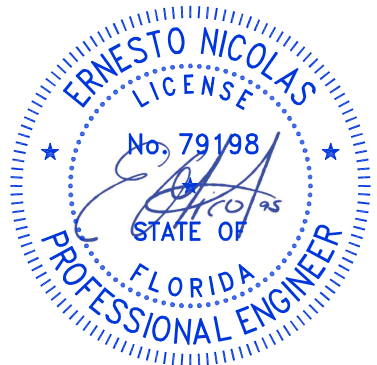
REVN	DATE/REMARKS
1	Oct. 16'24/RIM PANIC ADD'L LOCK HARDWARE QUALIFICATIONS
2	April 15'2 5/LEVEL E & OPEN BACK DOOR STOP QUALIFICATIONS

ENGINEER:



En3 Engineering & Consultancy
950 SW 135th Way Sunrise,
FL 33325 P. 786 474 3876
Email: en3.engconsul@gmail.com

STAMP:



FLORIDA PRODUCT APPROVAL:

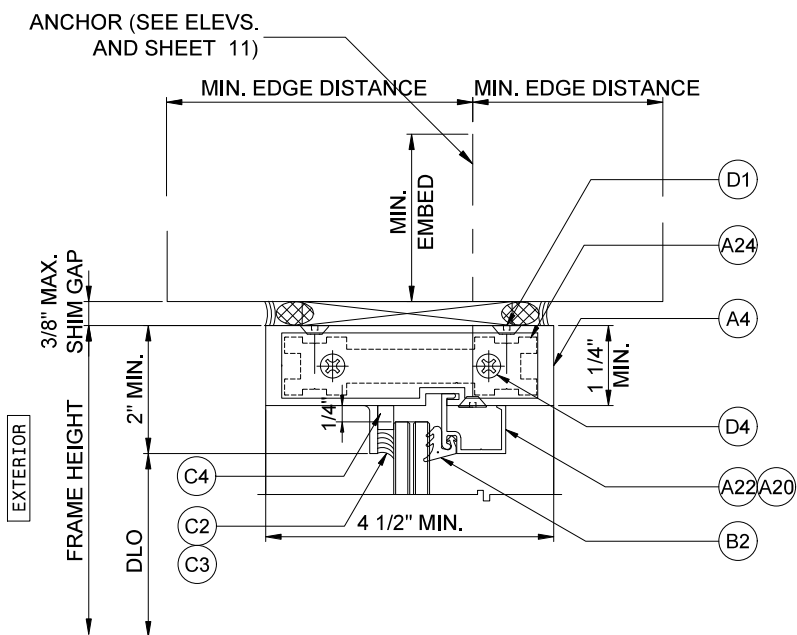
FL42671

DATE: AUG. 24, 2023

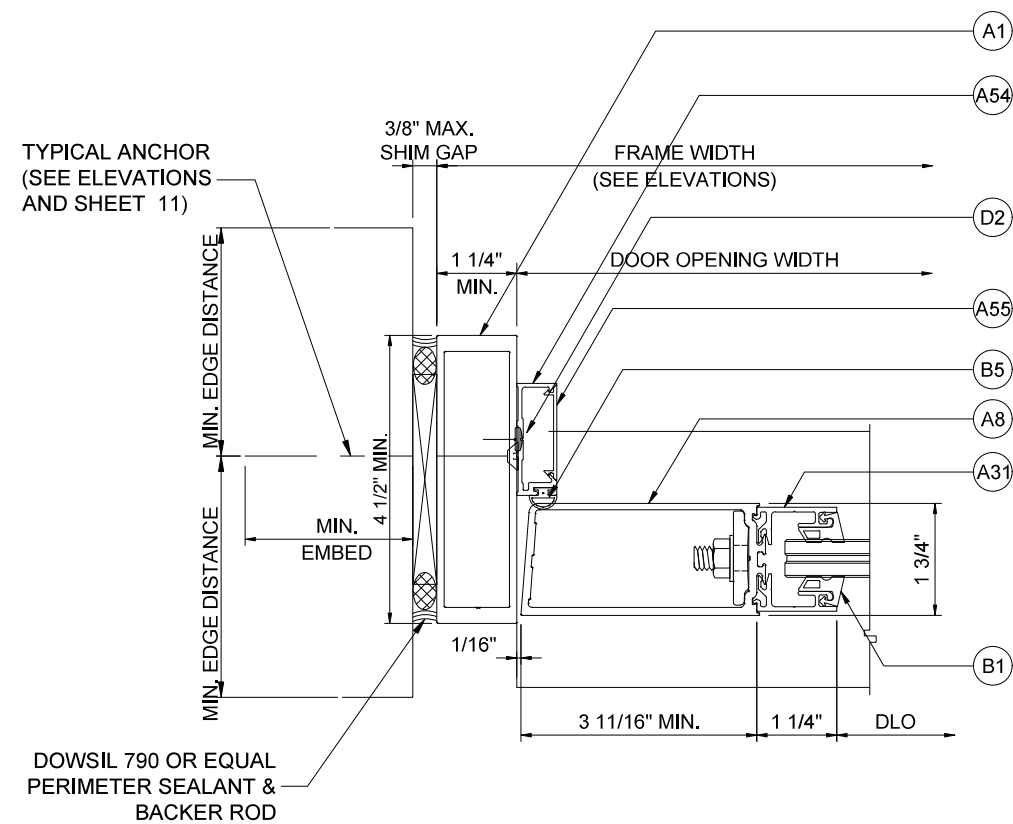
Drwn: Erick	CHK: ESN
Drwg. No: 23FL-101	SCALE: N.T.S.

SHEET NO.:

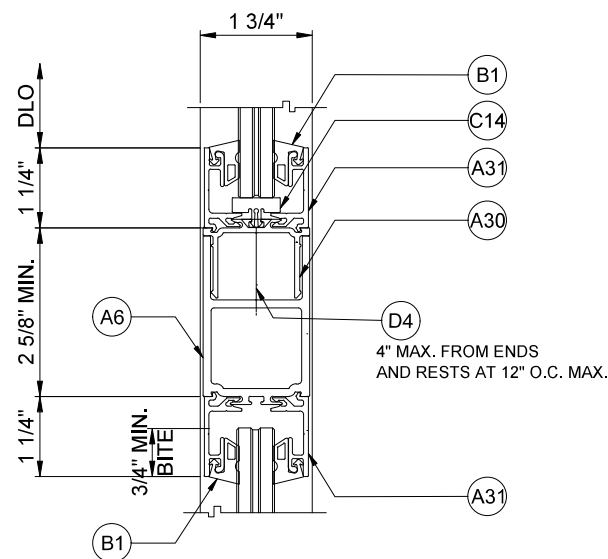
6 of 17



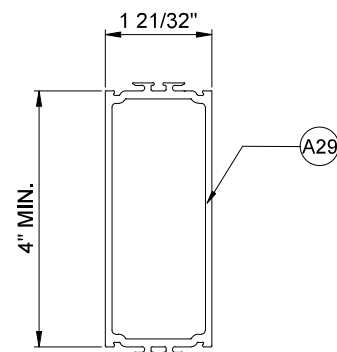
A TRANSOM FRAME HEAD DETAIL



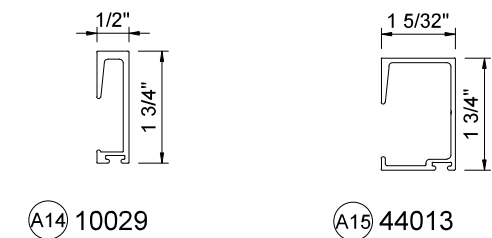
C DOOR JAMB/HINGE STILE DETAIL



B MID-RAIL DETAIL



MID-RAIL OPTION 26014



DOOR STOP OPTIONS

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

Trulite
GLASS & ALUMINUM SOLUTIONS™
http://www.trulite.com
403 West Park Court, Suite 201
Peachtree City, GA 30269
p. 800-432-8132

PRODUCT:
351 Series Alum Outswing Doors
HVHZ - LMI

REVN	DATE/REMARKS
1	Oct. 16'24/RIM PANIC ADD'L LOCK HARDWARE QUALIFICATIONS
2	April 15'2 5/LEVEL E & OPEN BACK DOOR STOP QUALIFICATIONS

ENGINEER:
En3 Engineering & Consultancy
950 SW 135th Way Sunrise, FL 33325 P. 786 474 3876
Email: en3.engconsul@gmail.com

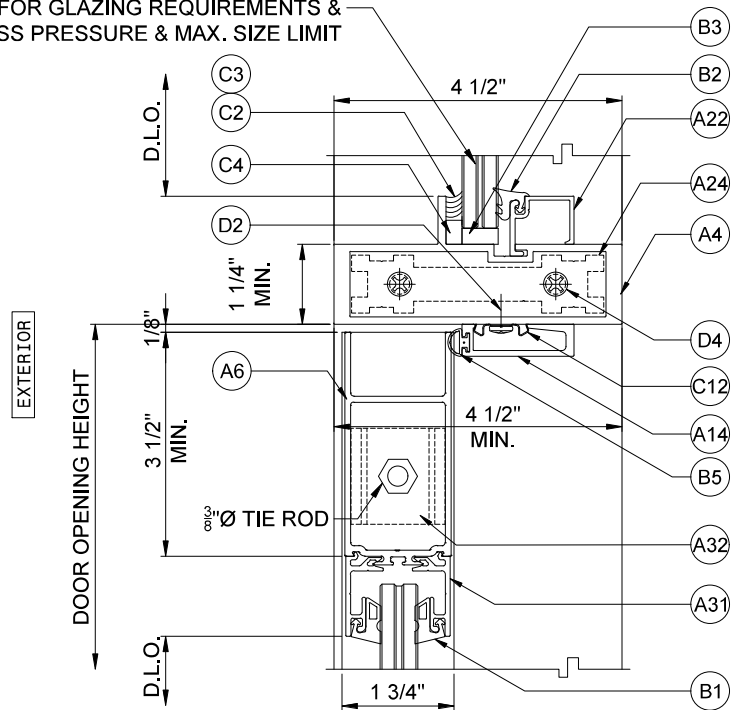
STAMP:
ERNESTO NICOLAS
LICENSE
No. 79198
STATE OF
FLORIDA
PROFESSIONAL ENGINEER

FLORIDA PRODUCT APPROVAL:
FL42671

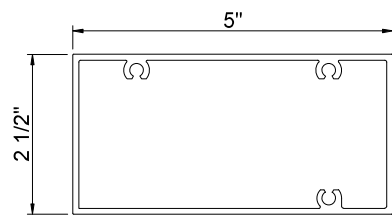
DATE: AUG. 24, 2023	
Drwn: Erick	CHK: ESN
Drwg. No: 23FL-101	SCALE: N.T.S.

SHEET NO.:
7 of 17

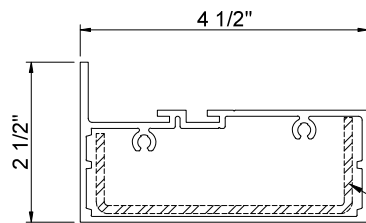
REFER TO STOREFRONT FL PRODUCT
APPROVAL FOR GLAZING REQUIREMENTS &
MAX. GLASS PRESSURE & MAX. SIZE LIMIT



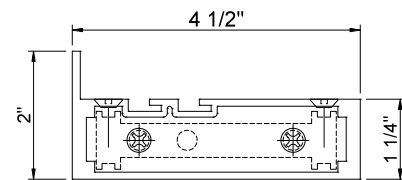
A TRANSOM DETAIL



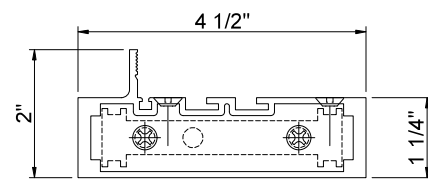
A39 DF500-2 - REFER TO CG500 FPA



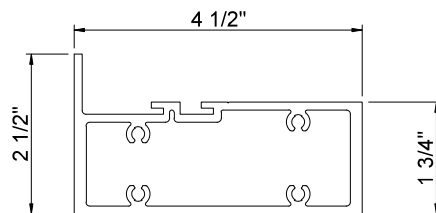
A44 3301 - REFER TO 3300 FPA



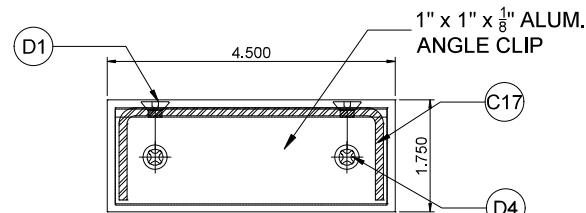
A5 3101 - REFER TO 3100 FPA



A43 3001R - REFER TO 3001R FPA



A45 3311 - REFER TO 3300 FPA

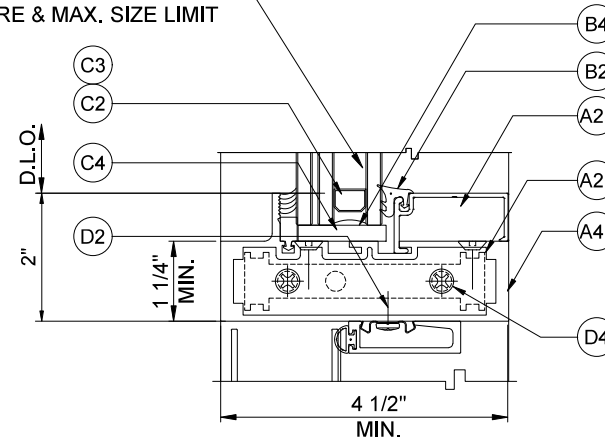


A3 10220 - REFER TO 3300 FPA

DOOR TRANSOM FRAME OPTIONS

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

REFER TO STOREFRONT FL PRODUCT
APPROVAL FOR GLAZING REQUIREMENTS &
MAX. GLASS PRESSURE & MAX. SIZE LIMIT



A1 TRANSOM DETAIL

CAPACITY OF TRANSOMS

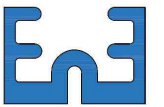
TRANSOM PROFILES	MAX. TRANSOM HEIGHT (in)	MAX. TRANSOM LENGTH (in)	MAX. DESIGN PRESSURE (psf)	REMARK
3100 / 3001R / 3000R	42	72	70	Setting blocks 6" from ends
3100 / 3001R / 3000R	18	84	65	Setting blocks 6" from ends
3100 / 3001R / 3000R (Reinf.)	60	84	70	4ft min. 3104R / 3004 Alum. Reinf. required / 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

PRODUCT:

351 Series Alum Outswing Doors HVHZ - LMI

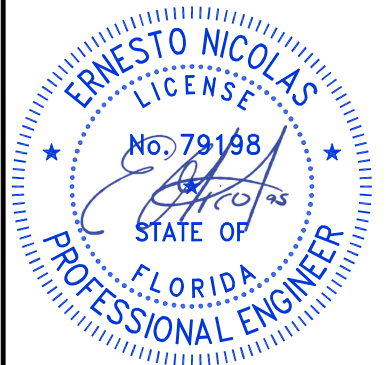
REVN	DATE/REMARKS
1	Oct. 16'24/RIM PANIC ADD'L LOCK HARDWARE QUALIFICATIONS
2	April 15'2 5/LEVEL E & OPEN BACK DOOR STOP QUALIFICATIONS

ENGINEER:



En3 Engineering & Consultancy
950 SW 135th Way Sunrise,
FL 33325 P. 786 474 3876
Email: en3.engconsul@gmail.com

STAMP:



FLORIDA PRODUCT APPROVAL:

FL42671

DATE: AUG. 24, 2023

Drwn: Erick	CHK: ESN
Drwg. No: 23FL-101	SCALE: N.T.S.

SHEET NO.:

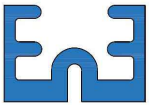
8 of 17

PRODUCT:

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

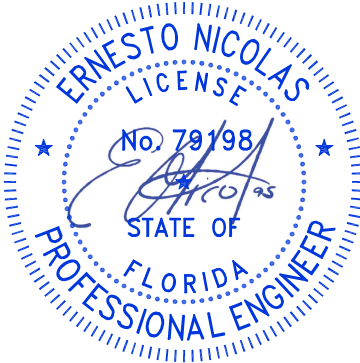
REVN	DATE/REMARKS
1	Oct. 16'24/RIM PANIC ADD'L LOCK HARDWARE QUALIFICATIONS
2	April 15'2 5/LEVEL E & OPEN BACK DOOR STOP QUALIFICATIONS

ENGINEER:



En3 Engineering & Consultancy
950 SW 135th Way Sunrise,
FL 33325 P. 786 474 3876
Email: en3.engconsul@gmail.com

STAMP:



FLORIDA PRODUCT APPROVAL:

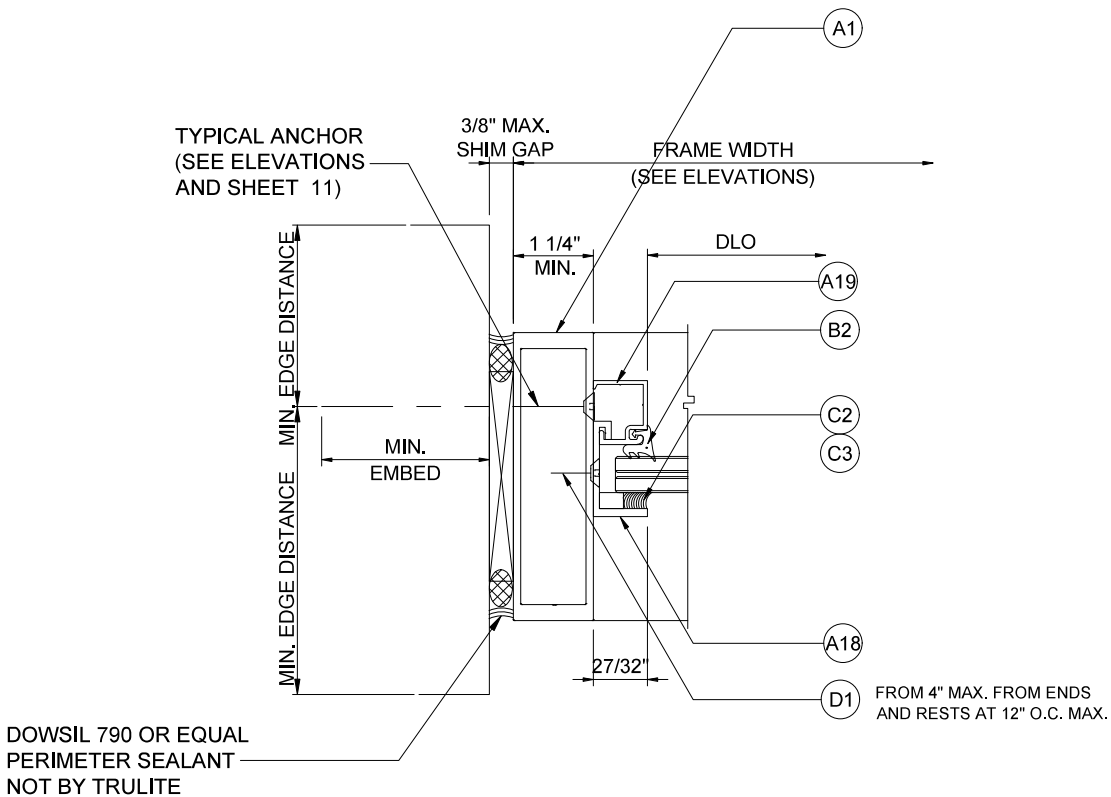
FL42671

DATE: AUG. 24, 2023

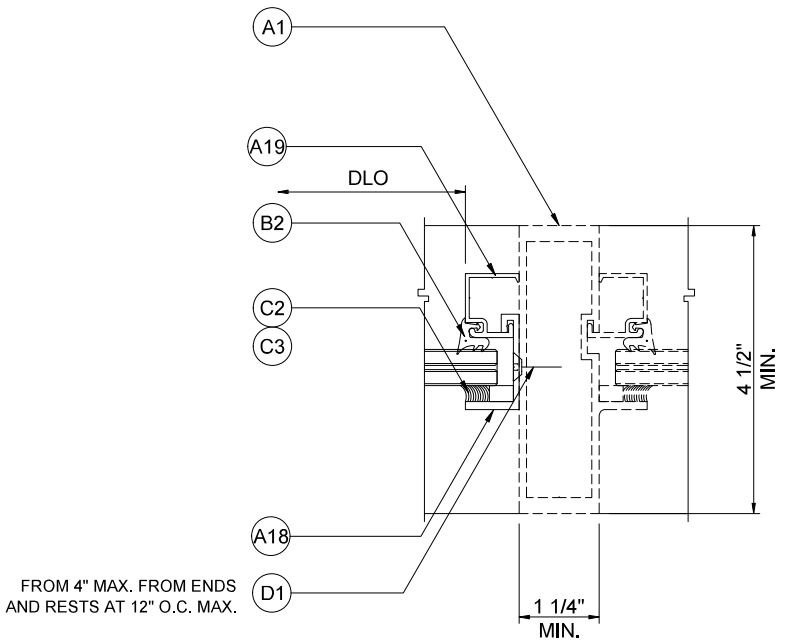
Drwn: Erick	CHK: ESN
Drwg. No: 23FL-101	SCALE: N.T.S.

SHEET NO.:

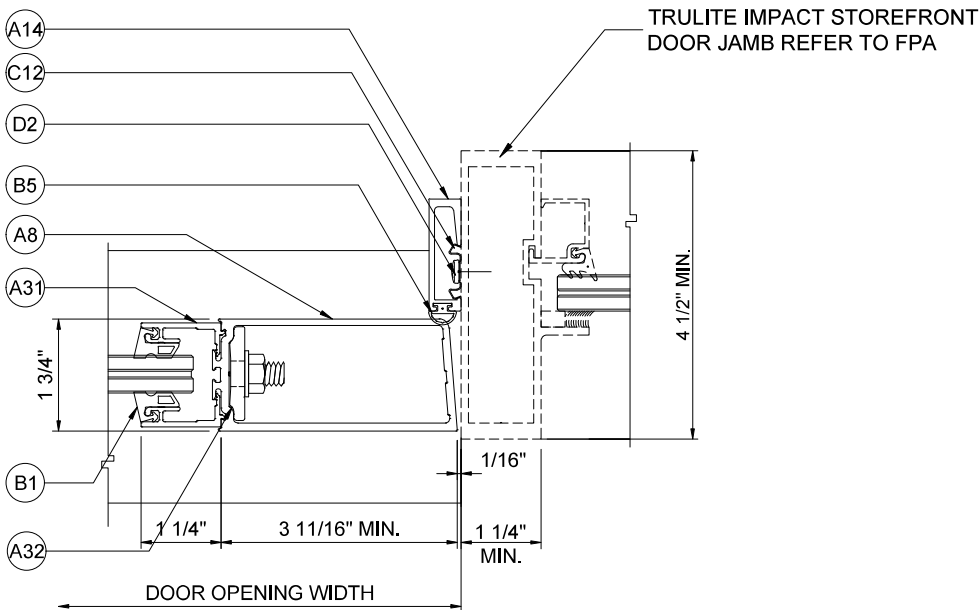
9 of 17



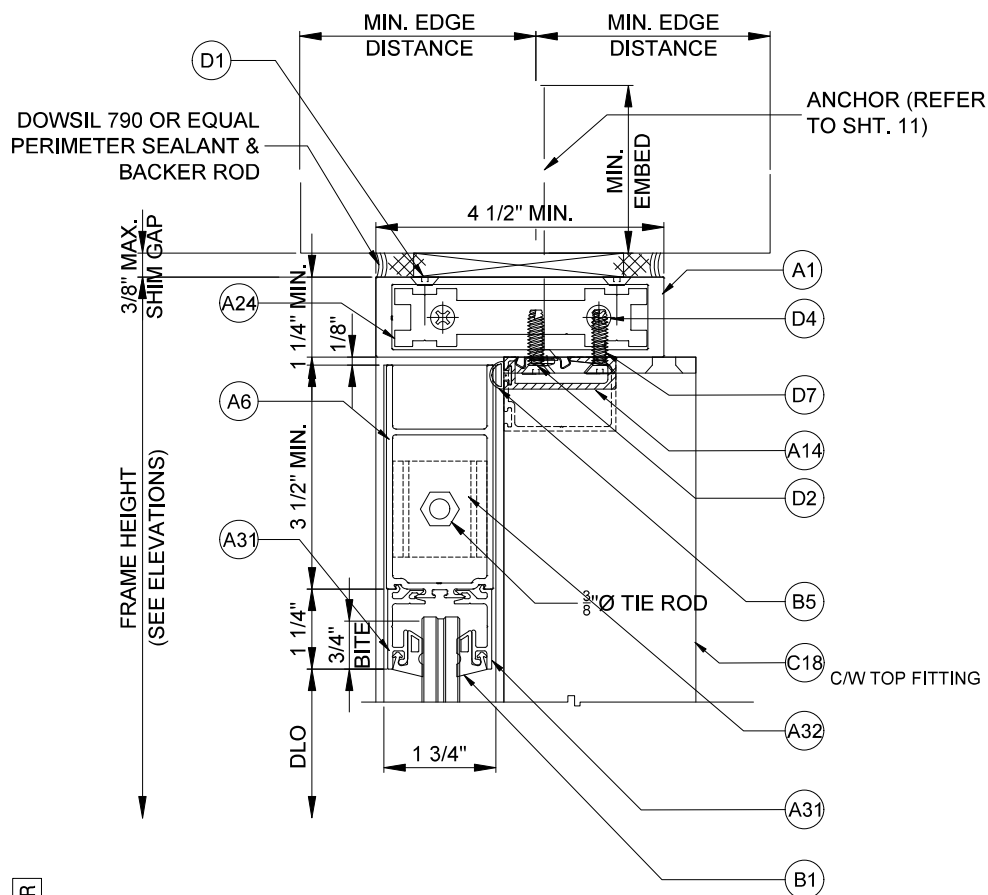
A JAMB AT TRANSOM



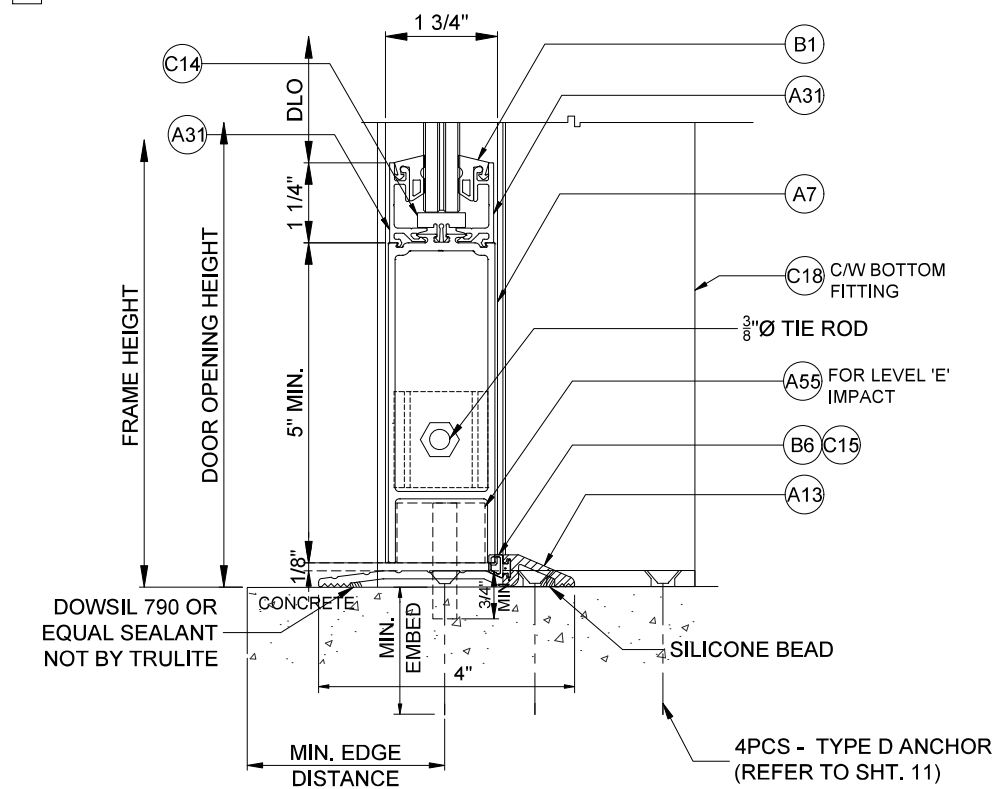
C JAMB / HINGE STILE WITH SIDELITE AT TRANSOM
REFER TO TRULITE'S IMPACT STOREFRONT SYSTEM
FOR JAMB CAPACITY. THE LOWEST CAPACITY BETWEEN
THE DOOR, TRANSOM AND FRAME SHALL GOVERN



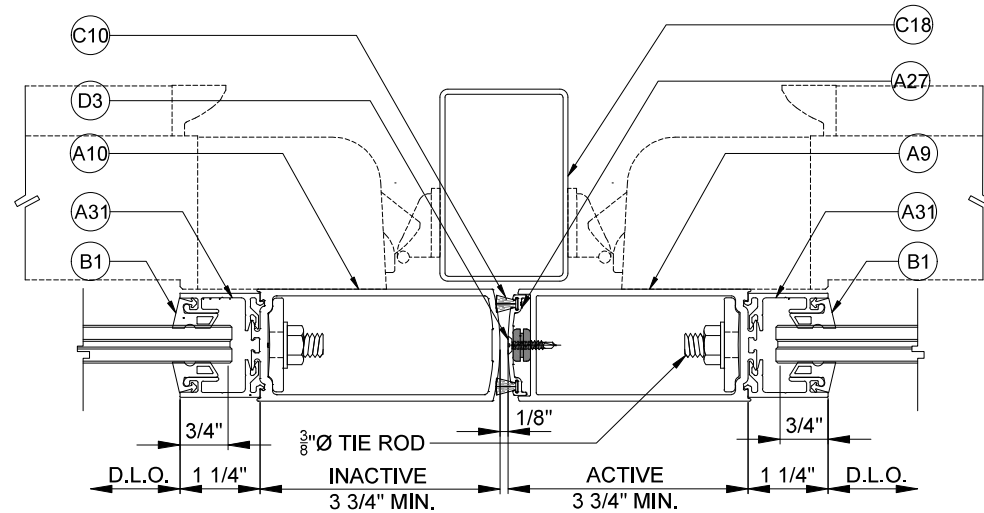
B JAMB / HINGE STILE WITH SIDELITE
REFER TO TRULITE'S IMPACT STOREFRONT SYSTEM
FOR JAMB CAPACITY. THE LOWEST CAPACITY BETWEEN
THE DOOR, TRANSOM AND FRAME SHALL GOVERN



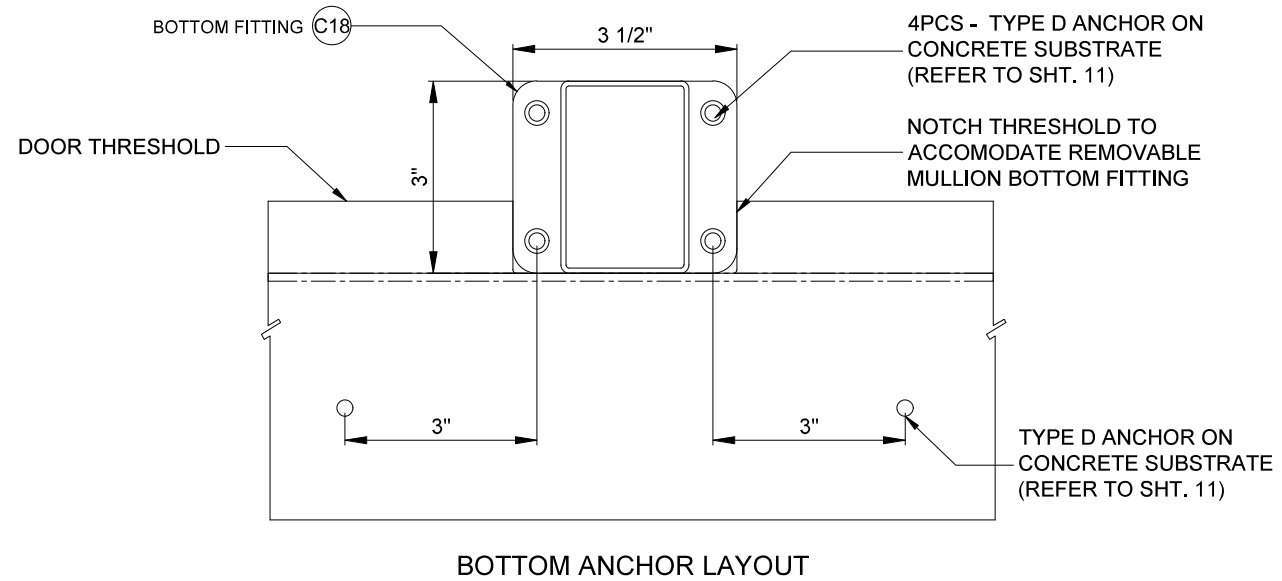
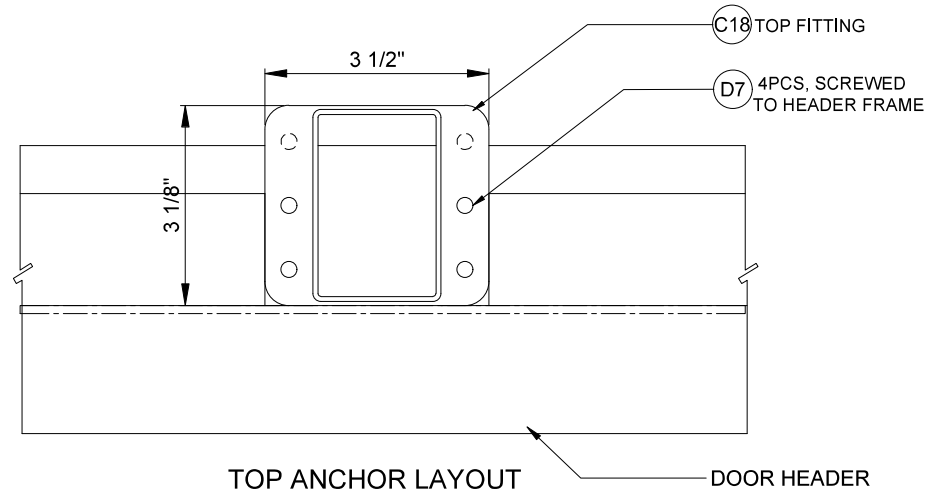
A HEAD DETAIL WITH REMOVABLE MULLION



B SILL DETAIL WITH REMOVABLE MULLION



C MEETING STILE DETAIL WITH REMOVABLE MULLION



D REMOVABLE MULLION ANCHOR

NOTE: DETAILS ON THIS SHEET ARE ONLY APPLICABLE TO LOCK OPTIONS #9 (VON DUPRIN FER 33A/35A) AND #10 (VON DUPRIN 99A/98A)

PRODUCT:

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

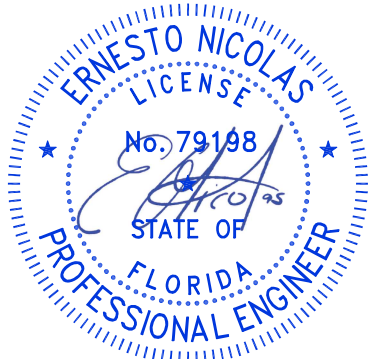
REVN	DATE/REMARKS
1	Oct. 16'24/RIM PANIC ADD'L LOCK HARDWARE QUALIFICATIONS
2	April 15'2 5/LEVEL E & OPEN BACK DOOR STOP QUALIFICATIONS

ENGINEER:



En3 Engineering & Consultancy
950 SW 135th Way Sunrise,
FL 33325 P. 786 474 3876
Email: en3.engconsul@gmail.com

STAMP:



FLORIDA PRODUCT APPROVAL:

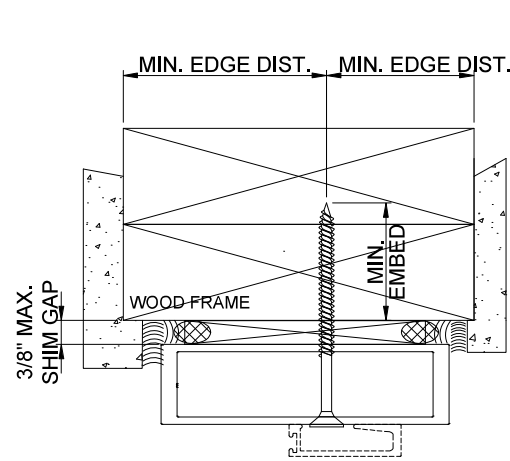
FL42671

DATE: AUG. 24, 2023

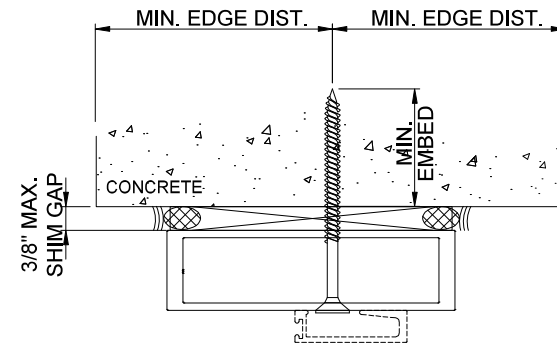
Drwn: Erick	CHK: ESN
Drwg. No: 23FL-101	SCALE: N.T.S.

SHEET NO.:

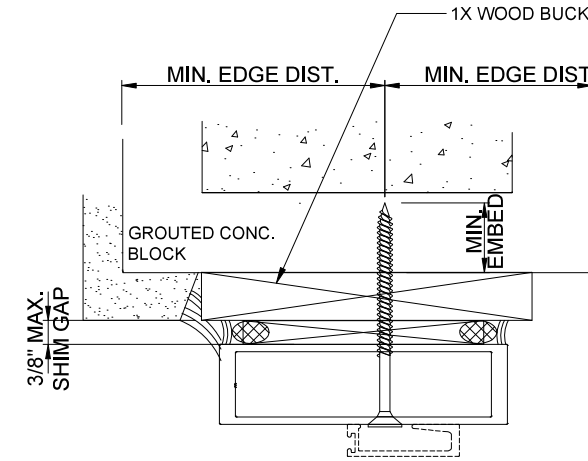
10 of 17



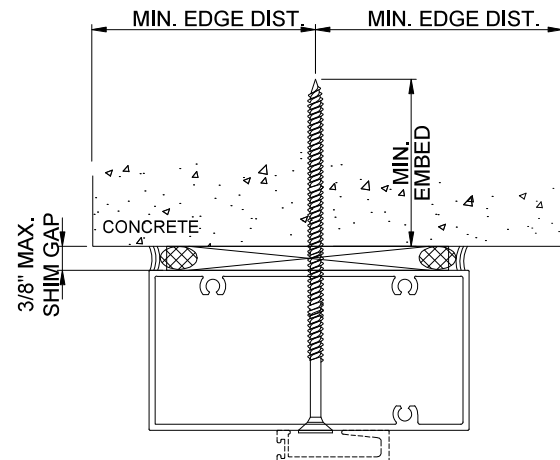
TYPE A or B



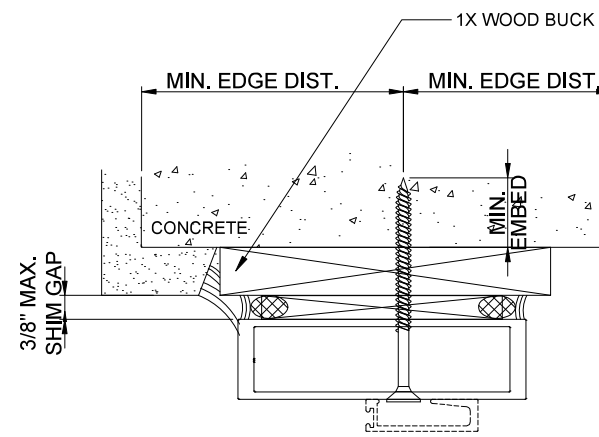
TYPE C or D



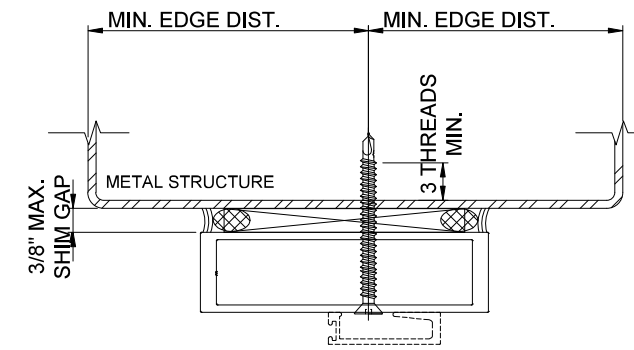
TYPE E



TYPE C or D



TYPE C or D



TYPE F

ANCHOR OPTIONS

	SUBSTRATE	ANCHOR TYPE	MIN. EMBED (IN.)	MIN. EDGE DIST. (IN.)
A	WOOD	$\frac{1}{4}$ " $\emptyset$ - TAPCON (Fy = 100ksi & Fu = 125ksi min.)	1.50	1.50
B		$\frac{1}{4}$ " $\emptyset$ - ULTRACON (Fy = 148ksi & Fu = 164ksi min.)	1.50	1.50
C	CONCRETE	$\frac{1}{4}$ " $\emptyset$ - TAPCON (Fy = 100ksi & Fu = 125ksi min.)	1.75	2.50
D		$\frac{1}{4}$ " $\emptyset$ - ULTRACON (Fy = 148ksi & Fu = 164ksi min.)	1.75	2.50
E	GROUTED CMU	$\frac{1}{4}$ " $\emptyset$ - ULTRACON (Fy = 148ksi & Fu = 164ksi min.)	1.25	2.50
F	METAL	$\frac{1}{4}$ " $\emptyset$ Gr. 5 Metal Screw	Min. 3 Threads pass substrate	1.00

NOTE :

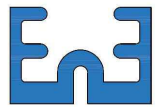
- MAXIMUM SHIM GAP = $\frac{3}{8}$ "
- MIN. SPECIFIC GRAVITY OF WOOD = 0.55
- MIN. CONCRETE COMPRESSIVE STRENGTH = 3000psi (NORMAL WEIGHT & UNCRACKED)
- MIN. COMPRESSIVE STRENGTH OF GROUTED CONCRETE MASONRY = 2000PSI (MEDIUM WEIGHT & CONFORM TO ASTM C90)
- METAL SUBSTRATE SHALL BE STEEL (FY=36KSI MIN. & 12GA. THICK) OR ALUMINUM (6063-T5 MIN. & 0.10" THICK)

PRODUCT:

351 Series Alum Outswing Doors HVHZ - LMI

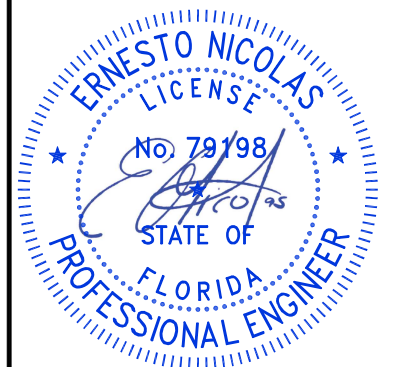
REVN	DATE/REMARKS
1	Oct. 16'24/RIM PANIC ADD'L LOCK HARDWARE QUALIFICATIONS
2	April 15'25/LEVEL E & OPEN BACK DOOR STOP QUALIFICATIONS

ENGINEER:



En3 Engineering & Consultancy
950 SW 135th Way Sunrise,
FL 33325 P. 786 474 3876
Email: en3.engconsul@gmail.com

STAMP:



FLORIDA PRODUCT APPROVAL:

FL42671

DATE: AUG. 24, 2023

Drwn: Erick	CHK: ESN
Drwg. No: 23FL-101	SCALE: N.T.S.

SHEET NO.:

11 of 17

TABLE 1 (≤ 70psf DP)			
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	4	5	6
F	4	5	6

TABLE 1 (≤ 85psf DP)			
NO. OF ANCHORS AT MTG. STILE TOP			
ANCHOR TYPE	DOOR OPENING WIDTH		
	≤ 72"	≤ 84"	≤ 98"
A	6	7	8
B	5	5	6
C	6	7	8
D	4	5	6
E	5	6	7
F	5	6	7

TABLE 2 (≤ 70psf DP)			
NO. OF ANCHORS AT MTG. STILE BOT.			
ANCHOR TYPE	DOOR OPENING WIDTH		
	≤ 72"	≤ 84"	≤ 96"
C	5	6	7
D	3	4	5
E	4	5	6

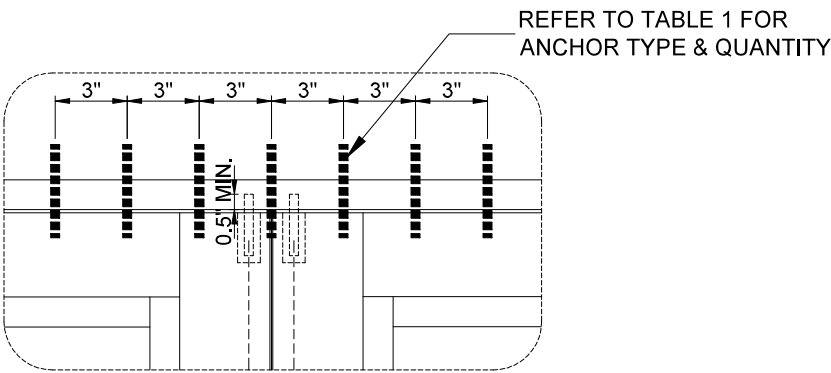
TABLE 2 (≤ 85psf DP)			
NO. OF ANCHORS AT MTG. STILE BOT.			
ANCHOR TYPE	DOOR OPENING WIDTH		
	≤ 72"	≤ 84"	≤ 98"
C	6	7	8
D	4	5	6
E	5	6	7

TABLE 3 (≤ 70psf DP)		
JAMB ANCHOR SPACING (in)		
DOOR PANEL WIDTH		
≤ 36"	≤ 42"	≤ 48"
18	16	14

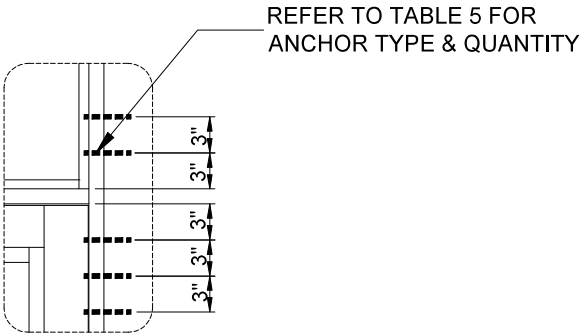
TABLE 3 (≤ 85psf DP)		
JAMB ANCHOR SPACING (in)		
DOOR PANEL WIDTH		
≤ 36"	≤ 42"	≤ 49"
16	13	12

TABLE 4 - TRANSOM PERIMETER ANCHOR (≤ 70psf DP)	
Anchor Type	Spacing (in)
A	12
B	17
C	12
D	18
E	18
F	14

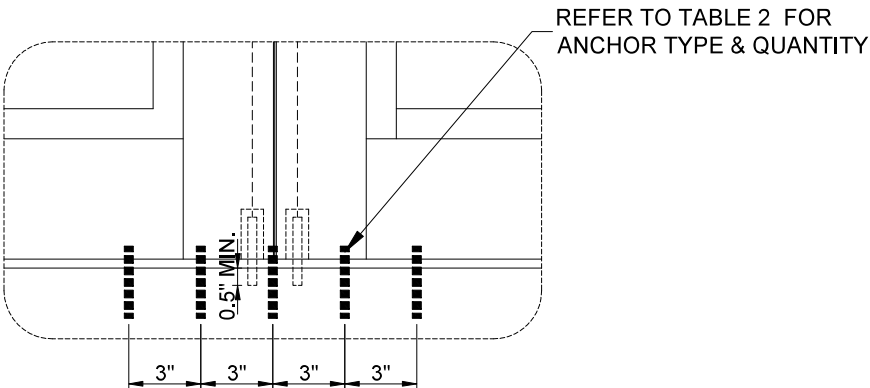
TABLE 5 - TRANSOM BAR END ANCHOR (≤ 70psf DP)	
Anchor Type	Quantity
A	6
B	4
C	6
D	4
E	4
F	5



DET. 1 - MTG. STILE TOP ANCHOR



DET. 2 - TRANSOM END ANCHOR



DET. 3 - MTG. STILE BOTTOM ANCHOR

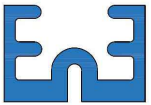
ANCHOR SCHEDULE

PRODUCT:

351 Series
Alum Outswing
Doors
HVHZ - LMI

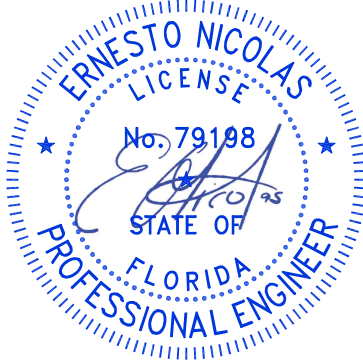
REVN	DATE/REMARKS
1	Oct. 16'24/RIM PANIC ADD'L LOCK HARDWARE QUALIFICATIONS
2	April 15'2 5/LEVEL E & OPEN BACK DOOR STOP QUALIFICATIONS

ENGINEER:



En3 Engineering & Consultancy
950 SW 135th Way Sunrise,
FL 33325 P. 786 474 3876
Email: en3.engconsul@gmail.com

STAMP:



FLORIDA PRODUCT APPROVAL:

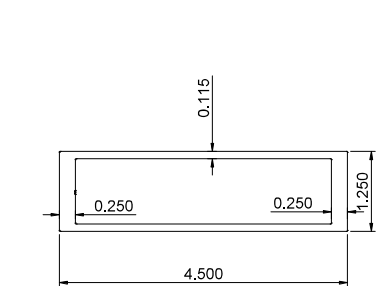
FL42671

DATE: AUG. 24, 2023

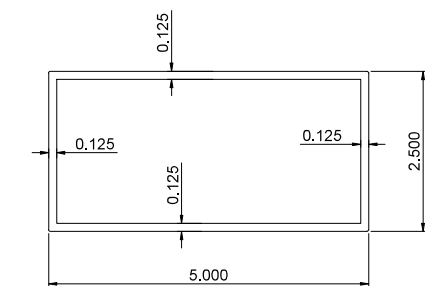
Drwn: Erick	CHK: ESN
Drwg. No: 23FL-106	SCALE: N.T.S.

SHEET NO.:

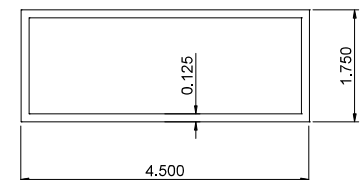
12 of 17



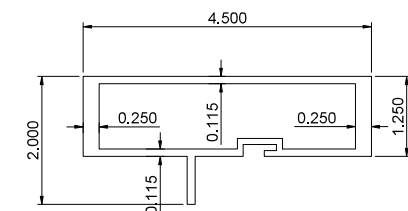
A1 DOOR HEADER/JAMB
3000 6063-T6



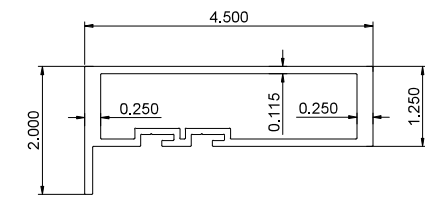
A2 DOOR HEAD / SIDE JAMB (OPTION)
50513 6063-T6



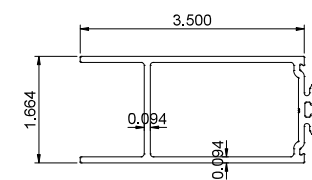
A3 DOOR HEAD / SIDE JAMB (OPTION)
10220 6063-T6



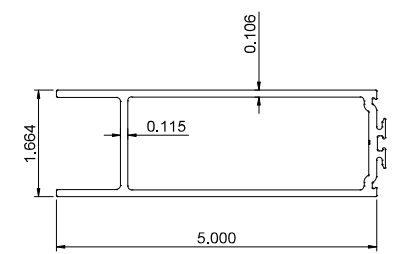
A4 TRANSOM BAR/TRANSOM HEADER/JAMB
3001 6063-T6



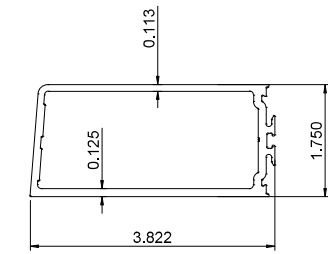
A5 TRANSOM BAR/TRANSOM HEADER/JAMB (OPTION)
3101 6063-T6



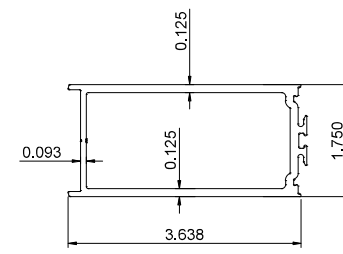
A6 TOP RAIL
26015 6063-T6



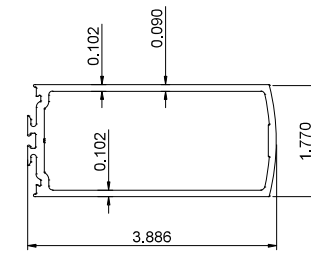
A7 5" BOTTOM RAIL
26364 6063-T6



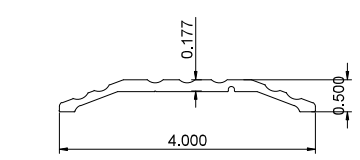
A8 BEVEL HINGE STILE
26366 6063-T6



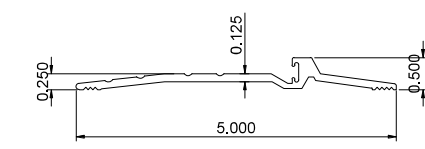
A9 MEETING STILE-ACTIVE
26378 6063-T6



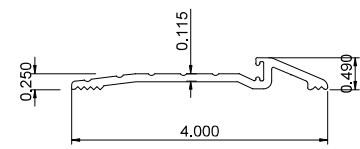
A10 MEETING STILE-INACTIVE
26371 6063-T6



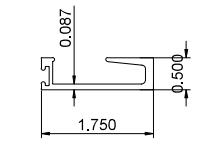
A11 SADDLE THRESHOLD (OPTION)
40290 6063-T6



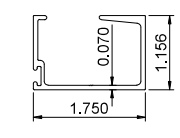
A12 5" BUMPER THRESHOLD (OPTION)
2005A 6063-T6



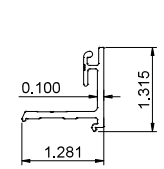
A13 4" BUMPER THRESHOLD
1042 6063-T6



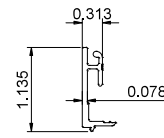
A14 DOOR STOP
10029 6063-T6



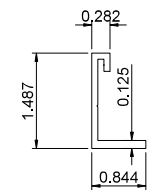
A15 DOOR STOP (OPTION)
44013 6063-T6



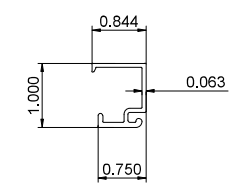
A16 INTERIOR DOOR ADAPTOR
26031 6063-T6



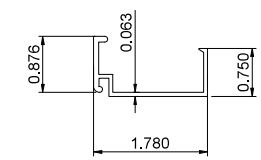
A17 EXTERIOR DOOR ADAPTOR
26032 6063-T6



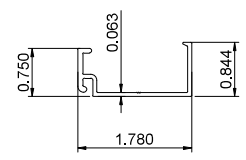
A18 TRANSOM SASH (9/16")
3008 6063-T6



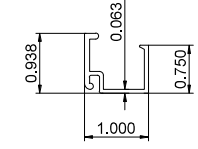
A19 TRANSOM GLASS STOP (OPTION)
3009 6063-T6



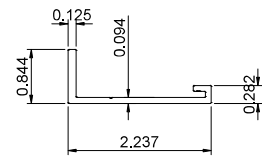
A20 SYS 3100 GLASS ADAPTOR
3103 6063-T6



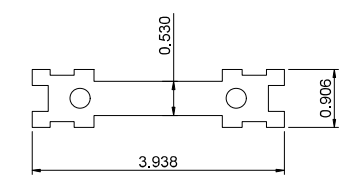
A21 GLAZING ADAPTOR
3109 6063-T6



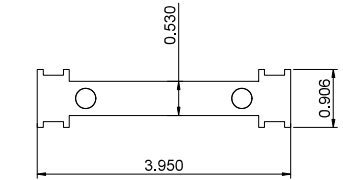
A22 GLAZING ADAPTOR
3003 6063-T6



A23 TRANSOM SASH (1 5/16")
3108 6063-T6



A24 3000 SHEAR BLOCK
3004 CLIP 6063-T6



A25 SYS 3100 SHEAR CLIP
3104 CLIP 6063-T6

SERIES 351 DOOR PARTS TABLE



GLASS & ALUMINUM SOLUTIONS™
http://www.trulite.com
403 West Park Court, Suite 201
Peachtree City, GA 30269
p. 800-432-8132

PRODUCT:

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

REVN	DATE/REMARKS
1	Oct. 16'24/RIM PANIC ADD'L LOCK HARDWARE QUALIFICATIONS
2	April 15'2 5/LEVEL E & OPEN BACK DOOR STOP QUALIFICATIONS

ENGINEER:

En3 Engineering & Consultancy
950 SW 135th Way Sunrise,
FL 33325 P. 786 474 3876
Email: en3.engconsul@gmail.com

STAMP:

ERNESTO NICOLAS
LICENSE
No. 79198
STATE OF
FLORIDA
PROFESSIONAL ENGINEER

FLORIDA PRODUCT APPROVAL:

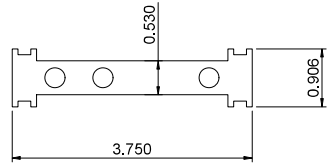
FL42671

DATE: AUG. 24, 2023

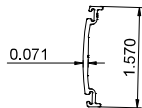
Drwn: Erick	CHK: ESN
Drwg. No: 23FL-101	SCALE: N.T.S.

SHEET NO.:

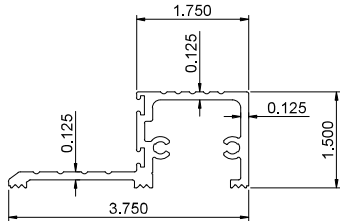
13 of 17



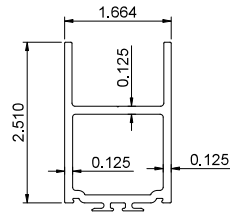
A26 SYS 3100 SHEAR CLIP
3104C 6063-T6



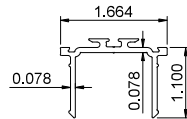
A27 ASTRAGAL PLATE
26375 6063-T6



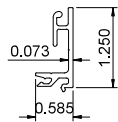
A28 HIGH-RISE THRESHOLD
40296 6063-T6



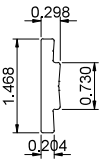
A29 MID-RAIL
26014 6063-T6



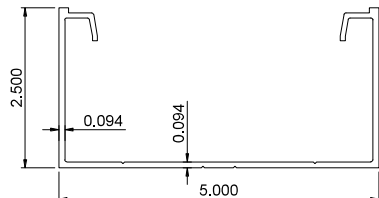
A30 MID-RAIL ADAPTOR
26013 6063-T6



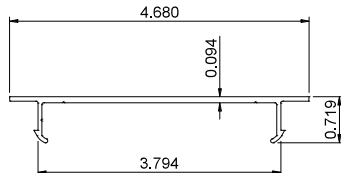
A31 GLASS ADAPTOR
26034 6063-T6



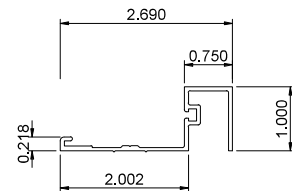
A32 IMPACT DOOR BEARING PLATE
26203 6063-T6



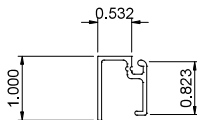
A33 DOOR FRAME JAMB (OPTION)
DF500-1 6063-T6



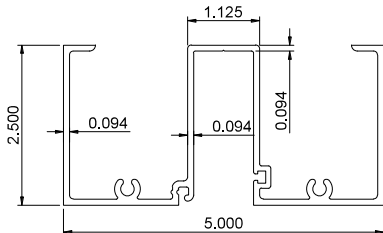
A34 FLAT FILLER
SW700-18 6063-T6



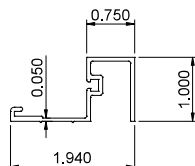
A35 TRANSOM SASH (1 5/16")
DF117 6063-T6



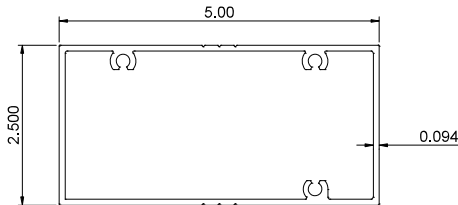
A36 TRANSOM GLASS STOP
DF107 6063-T5



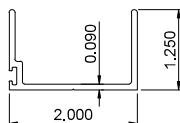
A37 TRANSOM HEAD (OPTION)
CG500-11 6063-T6



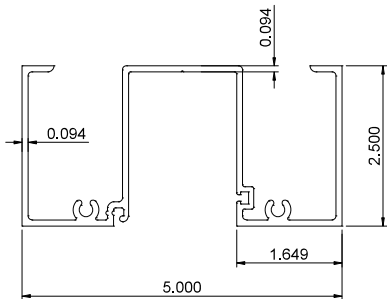
A38 TRANSOM SASH (9/16")
DF106 6063-T6



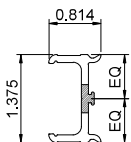
A39 TRANSOM BAR (OPTION)
DF500-2 6063-T5



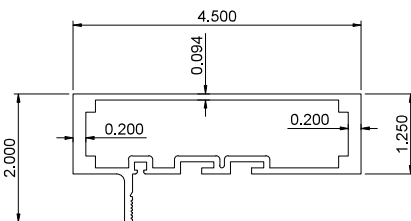
A40 O/A DOOR HEADER STOP
DF102 6063-T6



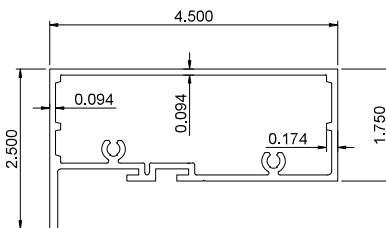
A41 TRANSOM HEAD (OPTION)
CG501-11 6063-T6



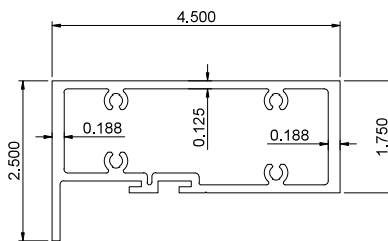
A42 DOOR SHEAR CLIP
SC351-1 TO 3 6063-T6



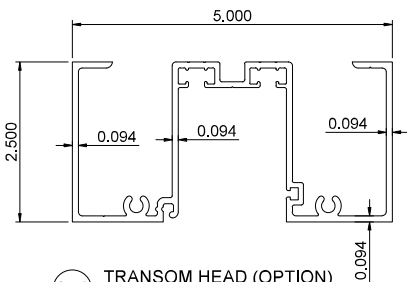
A43 TRANSOM BAR / HEADER / JAMB
3001R 6063-T6



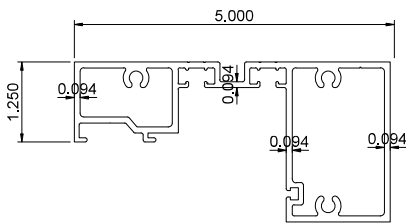
A44 TRANSOM BAR / HEADER / JAMB (OPTION)
3301 6063-T6



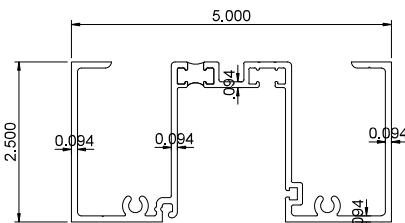
A45 TRANSOM BAR / HEADER / JAMB (OPTION)
3311 6063-T6



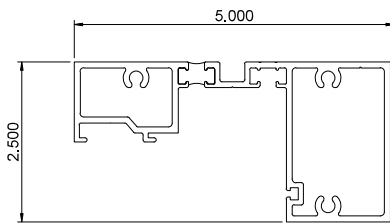
A46 TRANSOM HEAD (OPTION)
CG502-11 6063-T6



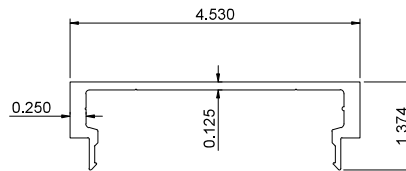
A47 TRANSOM HEAD (OPTION)
CG502-2 6063-T6



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



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



A50 JAMB (OPTION)
3005 6063-T6



<http://www.trulite.com>

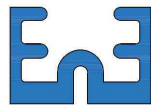
403 West Park Court, Suite 201
Peachtree City, GA 30269
p. 800-432-8132

PRODUCT:

351 Series Alum Outswing Doors HVHZ - LMI

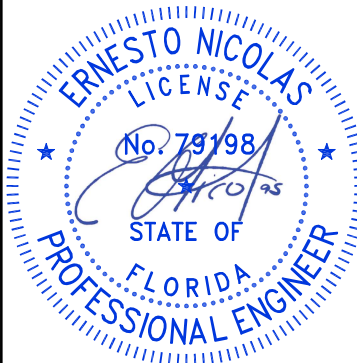
REVN	DATE/REMARKS
1	Oct. 16'24/RIM PANIC ADD'L LOCK HARDWARE QUALIFICATIONS
2	April 15'2 5/LEVEL E & OPEN BACK DOOR STOP QUALIFICATIONS

ENGINEER:



En3 Engineering & Consultancy
950 SW 135th Way Sunrise,
FL 33325 P. 786 474 3876
Email: en3.engconsul@gmail.com

STAMP:



FLORIDA PRODUCT APPROVAL:

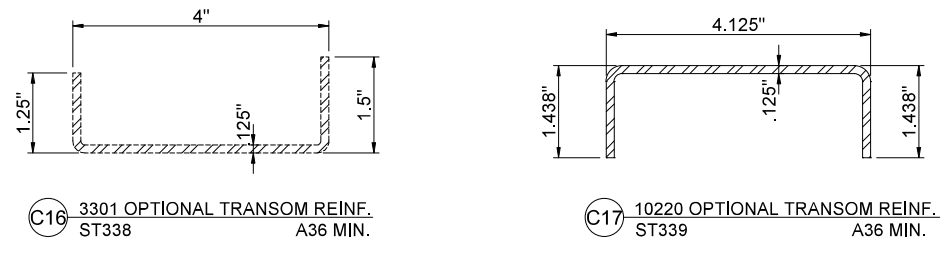
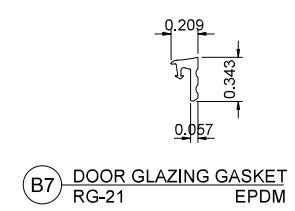
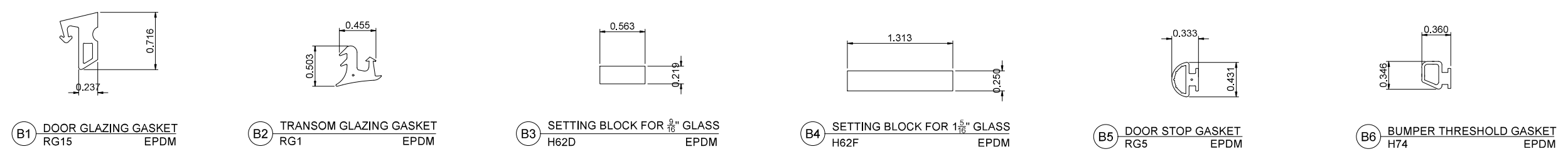
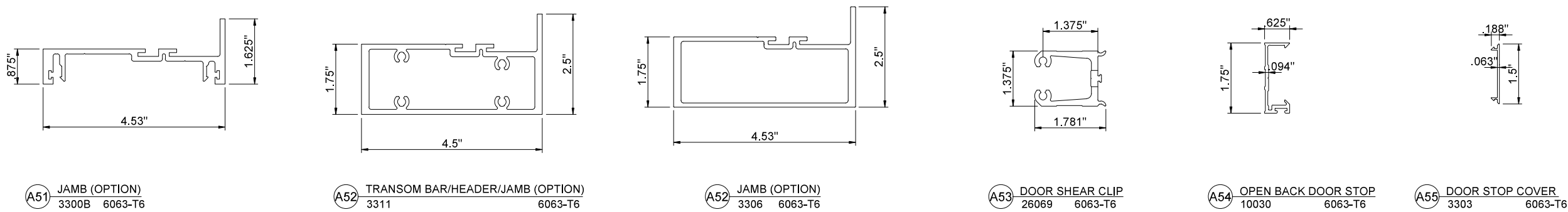
FL42671

DATE: AUG. 24, 2023

Drwn: Erick	CHK: ESN
Drwg. No: 23FL-101	SCALE: N.T.S.

SHEET NO.:

14 of 17





GLASS & ALUMINUM SOLUTIONS™

<http://www.trulite.com>

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

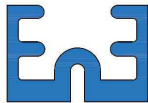
PRODUCT:

351 Series Alum Outswing Doors

HVHZ - LMI

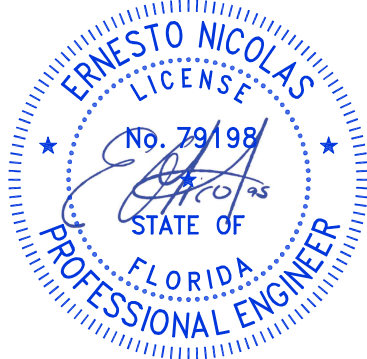
REVN	DATE/REMARKS
1	Oct. 16'24/RIM PANIC ADD'L LOCK HARDWARE QUALIFICATIONS
2	April 15'2 5/LEVEL E & OPEN BACK DOOR STOP QUALIFICATIONS

ENGINEER:



En3 Engineering & Consultancy
950 SW 135th Way Sunrise,
FL 33325 P. 786 474 3876
Email: en3.engconsul@gmail.com

STAMP:



FLORIDA PRODUCT APPROVAL:

FL42671

DATE: AUG. 24, 2023

Drwn: Erick	CHK: ESN
Drwg. No: 23FL-101	SCALE: N.T.S.

SHEET NO.:

15 of 17

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	50513	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 1 5/16" 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 5/16" 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 5/16" 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

SERIES 351 DOOR BILL OF MATERIALS				
ITEM NO.	PART NO.	DESCRIPTION	MATERIAL	MANUFACTURER
A 54	10030	OPEN BACK DOOR STOP	ALUM. 6063-T6	TRULITE
A 55	3303	DOOR COVER	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 3/8" 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 GASKET	EPDM (DUR. 70 SHORE A)	TRULITE
B 7	RG-21	DOOR GLAZING GASKET	EPDM (DUR. 70 SHORE A)	TRULITE

ITEM NO.	PART NO.	DESCRIPTION	MATERIAL	MANUFACTURER
C 1	23301	RUBBER GROMMET AT ASTRAGAL	NITRILE	RUBBERGROMMET.COM
C 2	DOWSIL995	STRUCTURAL SEALANT	STRUCTURAL SILICONE	DOW
C 3	DOWSIL983	STRUCTURAL SEALANT	STRUCTURAL SILICONE	DOW
C 4	V2108	½" X 3/8" 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, 4" MAX. @ ENDS & 12" O.C. MAX.	STEEL	EVANS MANUFACT.
C 13	SPACER2	PVC SETTING BLOCK FOR 5/16" 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
C 18	KR9954	REMOVABLE MULLION	STEEL	VON DUPRIN

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 5/8" PFH	ZINC COATED STEEL	ALLOY FASTENER
D 6	23079	#10-24 x ¾" PFH	ZINC COATED STEEL	ALLOY FASTENER
D 7	23177	#14 x 1" PFH	STAINLESS STEEL	ALLOY FASTENER



http://www.trulite.com

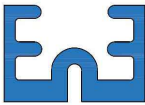
403 West Park Court, Suite 201
Peachtree City, GA 30269
p. 800-432-8132

PRODUCT:

351 Series
Alum Outswing
Doors
HVHZ - LMI

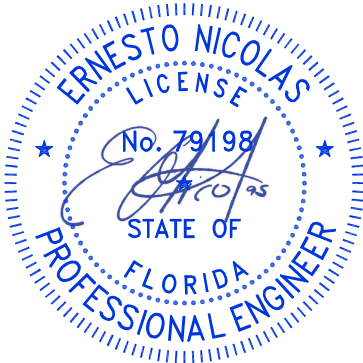
REVN	DATE/REMARKS
1	Oct. 16'24/RIM PANIC ADD'L LOCK HARDWARE QUALIFICATIONS
2	April 15'2 5/LEVEL E & OPEN BACK DOOR STOP QUALIFICATIONS

ENGINEER:



En3 Engineering & Consultancy
950 SW 135th Way Sunrise,
FL 33325 P. 786 474 3876
Email: en3.engconsul@gmail.com

STAMP:



FLORIDA PRODUCT APPROVAL:

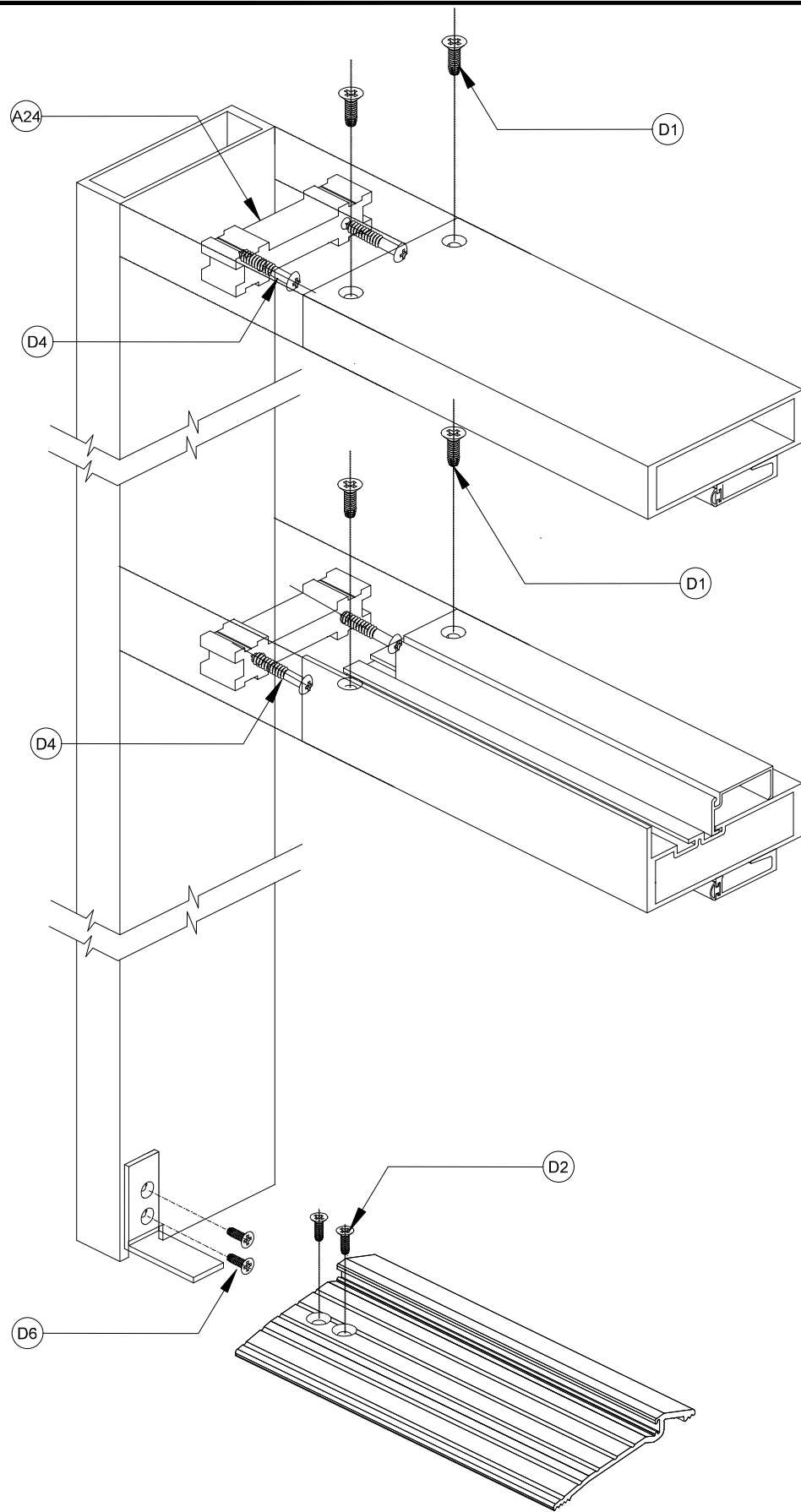
FL42671

DATE: **AUG. 24, 2023**

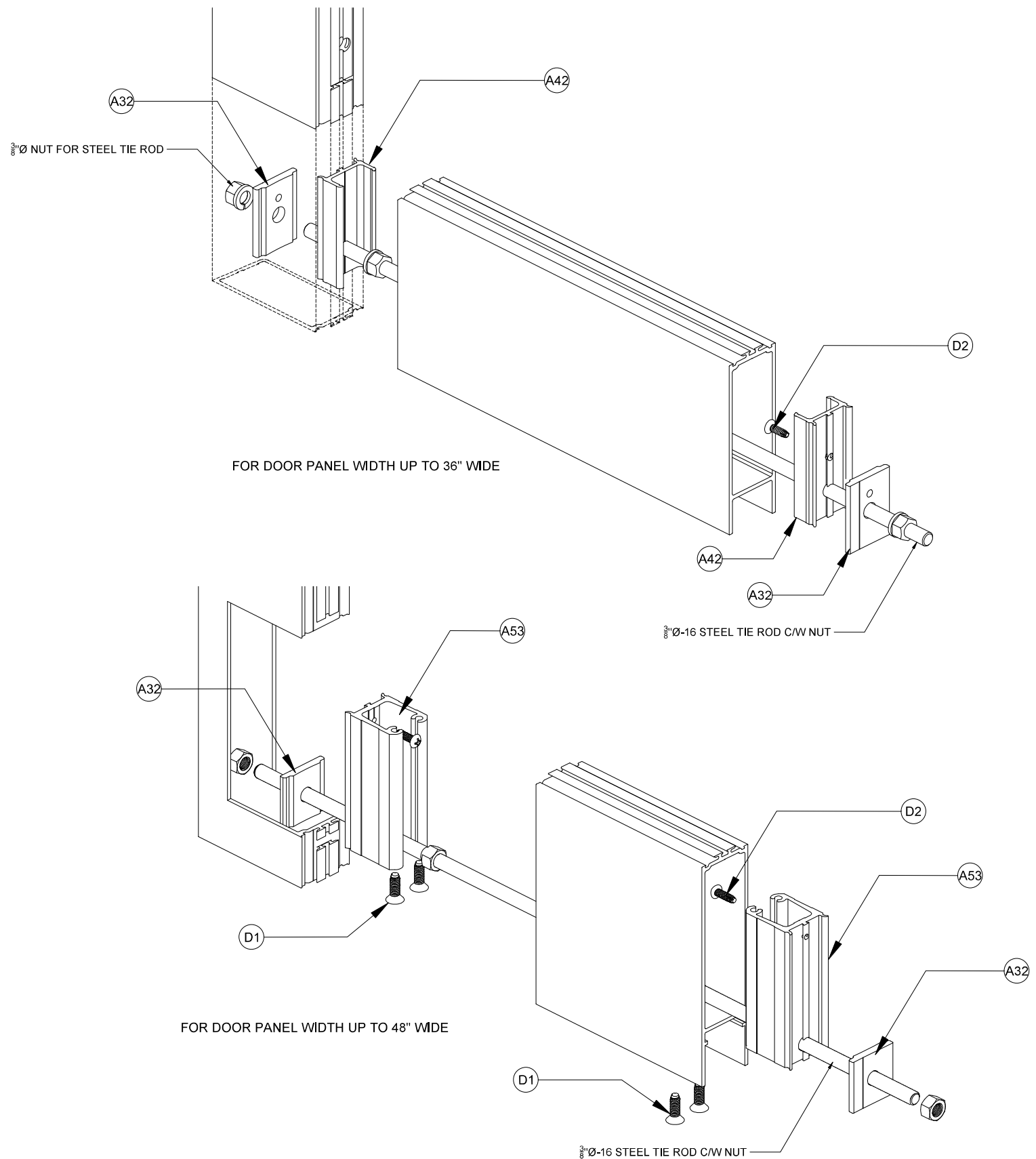
Drwn: Erick	CHK: ESN
Drwg. No: 23FL-101	SCALE: N.T.S.

SHEET NO.:

16 of 17



FRAME CORNER CONNECTION



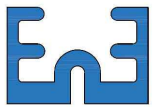
DOOR PANEL CORNER CONNECTION

PRODUCT:

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

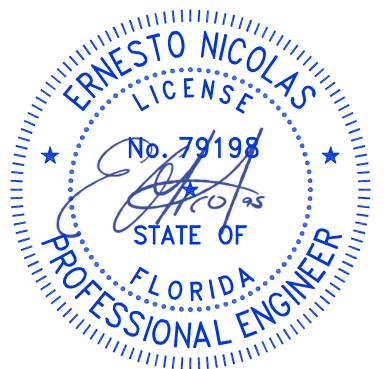
REVN	DATE/REMARKS
1	Oct. 16'24/RIM PANIC ADD'L LOCK HARDWARE QUALIFICATIONS
2	April 15'2 5/LEVEL E & OPEN BACK DOOR STOP QUALIFICATIONS

ENGINEER:



En3 Engineering & Consultancy
950 SW 135th Way Sunrise,
FL 33325 P. 786 474 3876
Email: en3.engconsul@gmail.com

STAMP:



FLORIDA PRODUCT APPROVAL:

FL42671

DATE: AUG. 24, 2023

Drwn: Erick	CHK: ESN
Drwg. No: 23FL-101	SCALE: N.T.S.

SHEET NO.:

17 of 17