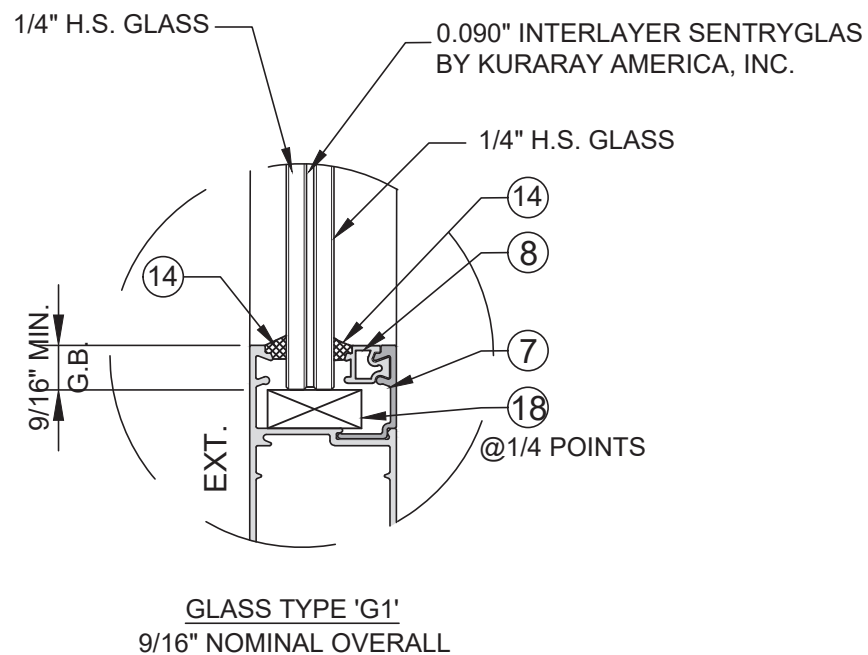




MAX. DESIGN LOAD
+ 70 PSF
- 70 PSF

NOTE:
GLASS COMPLIES WITH ASTM E1300-09
(3 SEC. GUSTS).

LIMITATIONS OF USE

A- THIS PRODUCT EVALUATION DOCUMENT (P.E.D.) PREPARED BY THIS ENGINEER IS GENERIC AND DOES NOT PROVIDE INFORMATION FOR A SITE SPECIFIC PROJECT, i.e. WHERE THE SITE CONDITIONS DEVIATE FROM THE P.E.D.

CONTRACTOR TO BE RESPONSIBLE FOR THE SELECTION, PURCHASE AND INSTALLATION OF THIS PRODUCT BASED ON THIS PRODUCT EVALUATION PROVIDED HE/SHE DOES NOT DEVIATE FROM THE CONDITIONS DETAILED ON THIS DOCUMENT.

C-THIS PRODUCT EVALUATION DOCUMENT WILL BE CONSIDERED INVALID IF ALTERED BY ANY MEANS.

ON-SITE SPECIFIC PROJECTS SHALL BE PREPARED BY A FLORIDA REGISTERED ENGINEER OR ARCHITECT WHICH WILL BECOME THE ENGINEER OF RECORD (E.O.R.) FOR THE PROJECT AND WHO WILL BE RESPONSIBLE FOR THE PROPER USE OF THE P.E.D

THIS P.E.D. SHALL BEAR THE DATE AND ORIGINAL SEAL AND SIGNATURE OF THE PROFESSIONAL ENGINEER OF RECORD THAT PREPARED IT.

FLORIDA APPROVAL:

FL 47438



MCY ENGINEERING, INC.
GLAZING CONSULTANTS
1781 MIRAMAR PARKWAY #301
MIAMI, FL 33127 P: 305-271-0100
mcy@mcyengineering.com

SERIES SPA100 ALUMINUM OUTSWING GLASS DOOR - LMI

ELITE DOORS AND WINDOWS, INC.

4780 CORONA AVENUE, VERNON, CALIFORNIA 90058

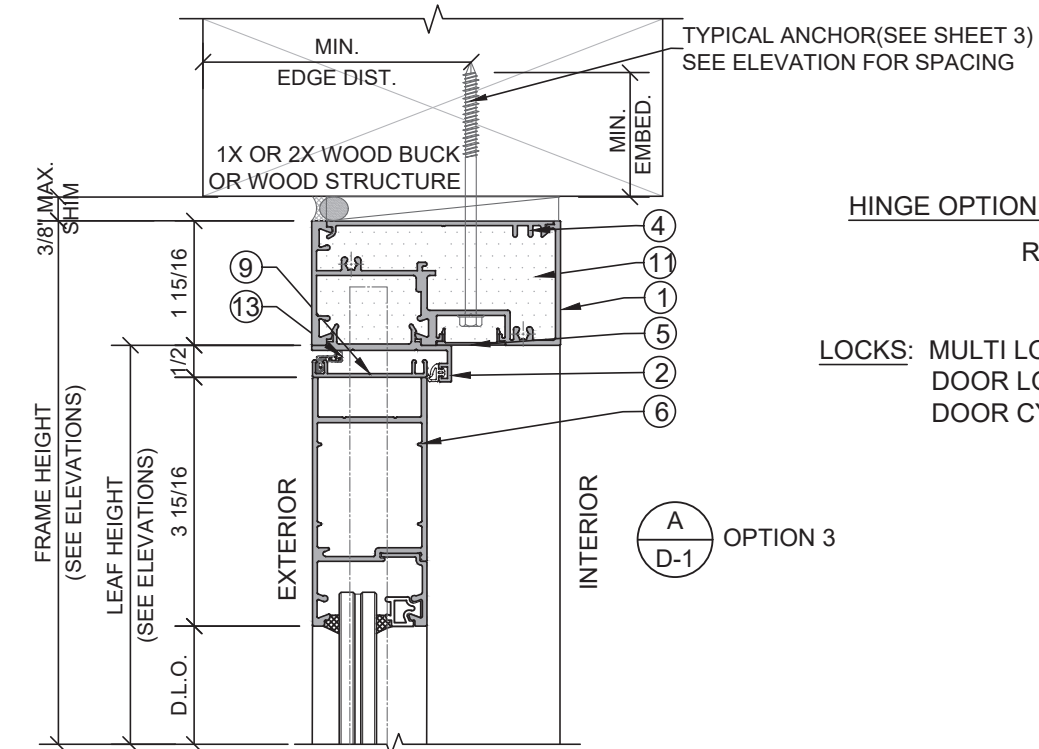
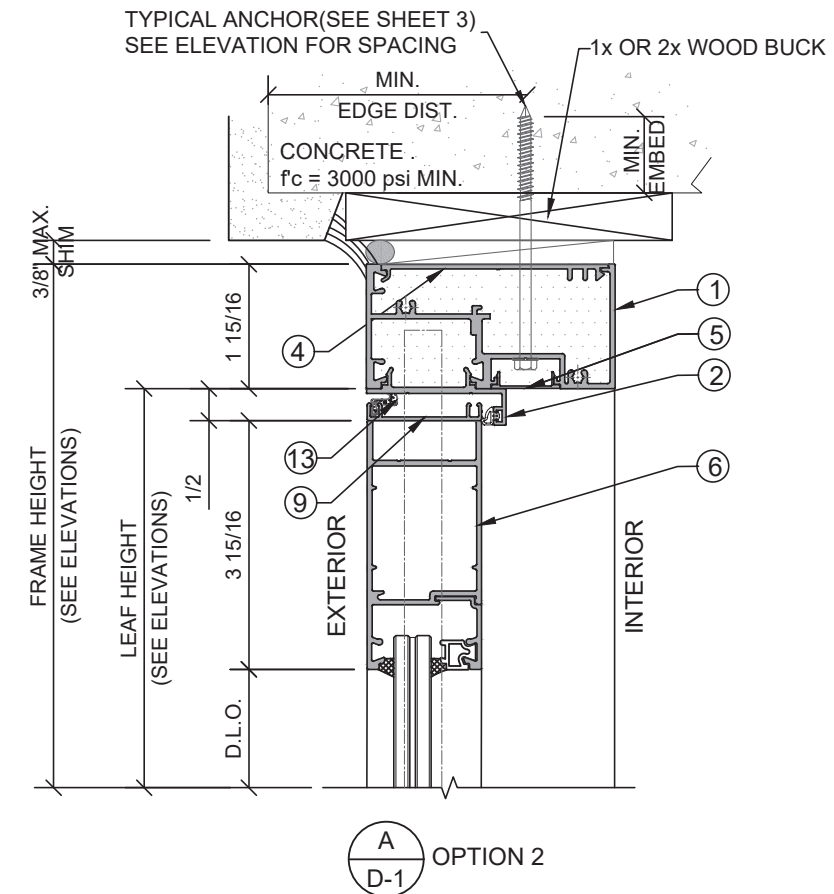
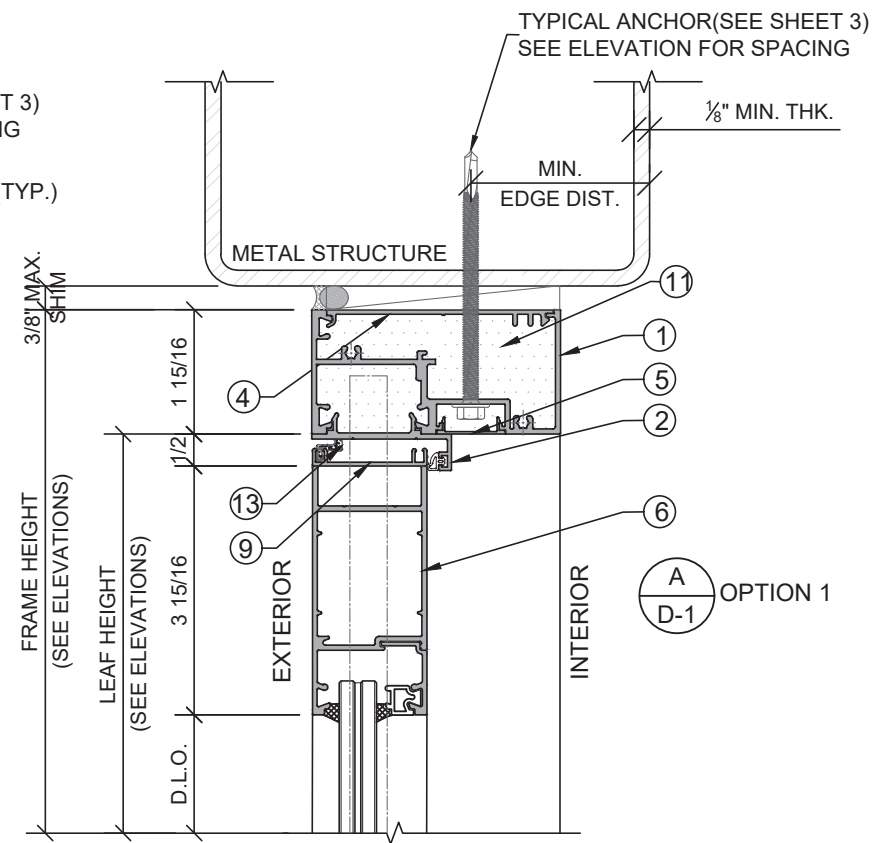
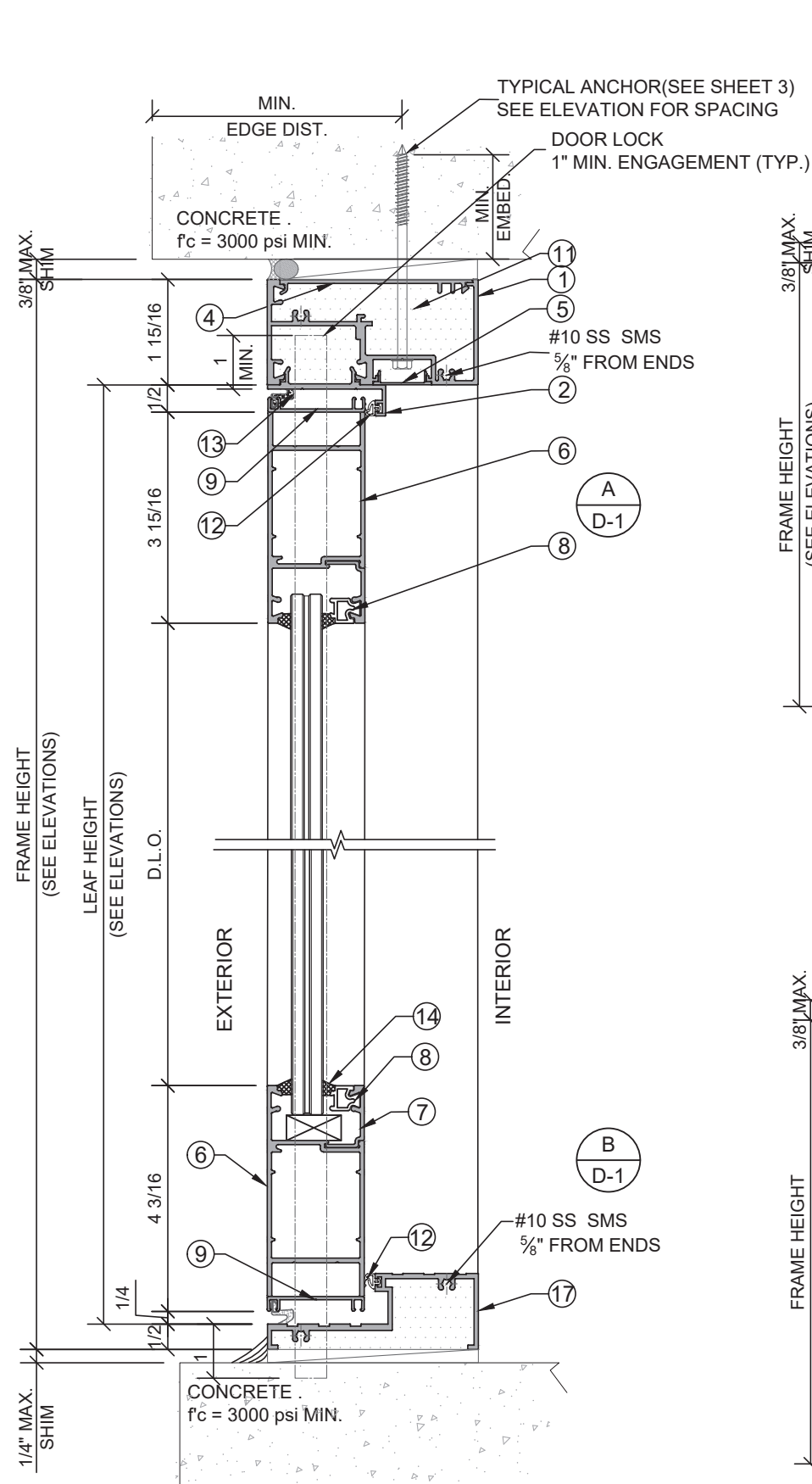
TEL.310 487 3334

EMAIL: Gino@elitedoorswindows.com

- SERIES SPA100 ALUMINUM OUTSWING GLASS DOOR SYSTEM
- THIS PRODUCT HAS BEEN DESIGNED AND TESTED TO COMPLY WITH THE REQUIREMENTS OF THE 8TH EDITION FLORIDA BUILDING CODE 2023 INCLUDING HIGH VELOCITY HURRICANE ZONE (HVHZ).
 - DOORS ARE RATED LARGE MISSILE IMPACT. SHUTTERS ARE NOT REQUIRED.
 - ULTIMATE DESIGN LOAD OBTAINED FROM ASCE 7-22, MULTIPLY BY 0.6, SHALL BE LESS THAN OR EQUAL TO MAX. DESIGN LOAD IN THE DOCUMENT.
 - 1X OR 2X WOOD BUCKS BY OTHERS, MUST BE ANCHORED PROPERLY TO TRANSFER LOADS TO THE STRUCTURE, TO BE REVIEWED BY BUILDING OFFICIAL.
 - MANUFACTURER'S LABEL SHALL BE LOCATED ON A READILY VISIBLE LOCATION IN ACCORDANCE WITH SECTION 1709.9.3 OF FLORIDA BUILDING CODE LABELING TO COMPLY WITH SECTION 1709.9.2.

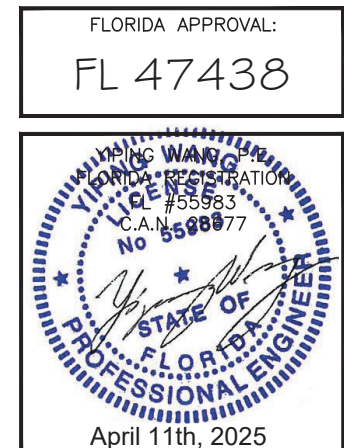
- ANCHORING OR LOADING CONDITIONS NOT SHOWN IN THESE DETAILS ARE NOT PART OF THIS APPROVAL.
 - MATERIALS INCLUDING BUT NOT LIMITED TO STEEL / METAL SCREWS, THAT COME INTO CONTACT WITH OTHER DISSIMILAR MATERIALS SHALL MEET THE REQUIREMENTS OF 2023 FLORIDA BUILDING CODE SECTION AS APPLICABLE.
 - ANCHORS SHALL BE AS LISTED, SPACED AS SHOWN ON DETAILS. ANCHORS EMBEDMENT TO BASE MATERIAL SHALL BE BEYOND WALL DRESSING OR STUCCO.
 - WHERE APPLICABLE: EGRESS REQUIREMENTS TO BE REVIEWED BY BUILDING OFFICIAL.
 - DOOR MEET WATER INFILTRATION WITH THRESHOLD TYPE USED.
 - SEALANT: ALL FRAME AND PANEL JOINTS AND INSTALLATION SCREWS TO BE SEALED WITH CLEAR SILICONE.

ABBREVIATIONS AND SYMBOLS	
D.L.O. - DAYLITE OPENING	
F.H. - FRAME HEIGHT	
F.W. - FRAME WIDTH	
W/ - WITH	
W/O - WITHOUT	
O.C. - ON CENTER	
G.B. - GLASS BITE	



HINGE OPTION : CONTINUOUS ALUMINUM GEAR (YHG004)
REFER TO DETAILS (D2) ON SHEET 03 OF 05

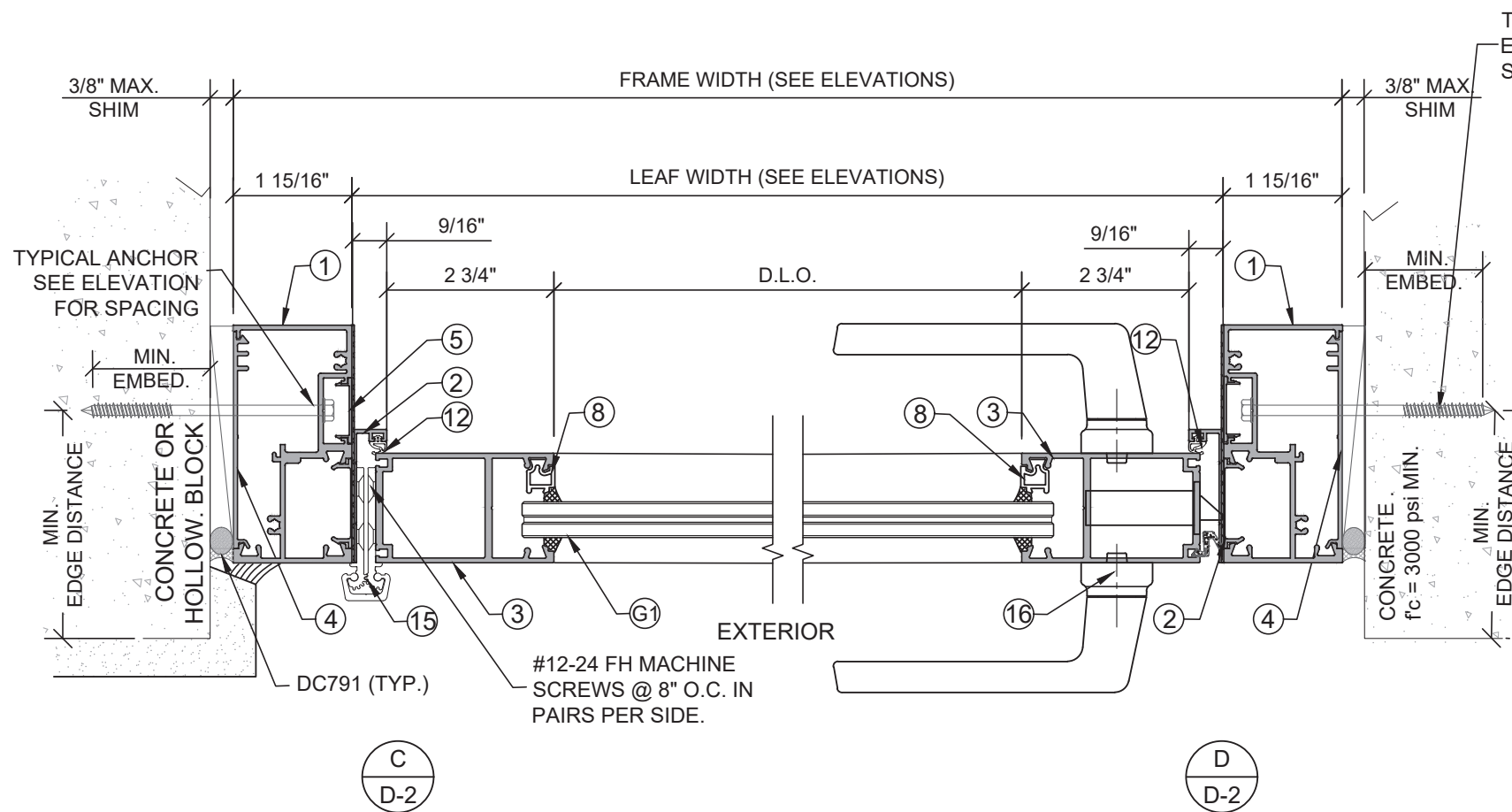
LOCKS: MULTI LOCK SYSTEM BY SIEGENIA
DOOR LOCK (MODEL NUMBER): NBTB 6070-023530
DOOR CYLINDER (MODER NUMBER): KAF018-011614



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MIRAMAR, FL 33027
P: 305-271-0117
www.MCYEngineering.com mcy@mcyengineering.com

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TEL. 310 487 3334
EMAIL: Gino@elitedoorswindows.com

Rev. No.	Date	Drawn By	Description
R0	04.07.2025	James	NEW APPLICATION
Drawing Date 04.07.2025 SCALE AS SHOWN			
Drawing No. AD25-18			
Sheet No. D-1			
2 OF 5			



TYPICAL ANCHOR SEE ELEVATION FOR SPACING

TYPICAL ANCHORS: SEE ELEV. FOR SPACING

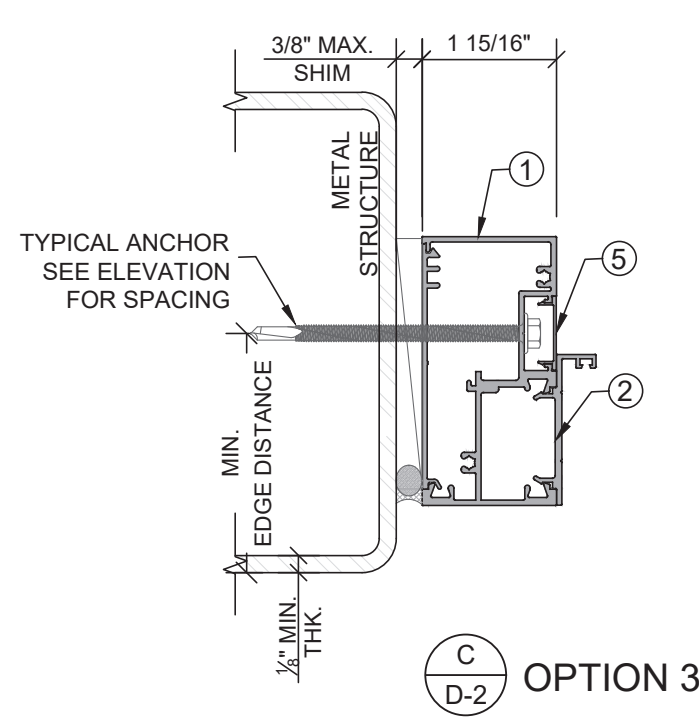
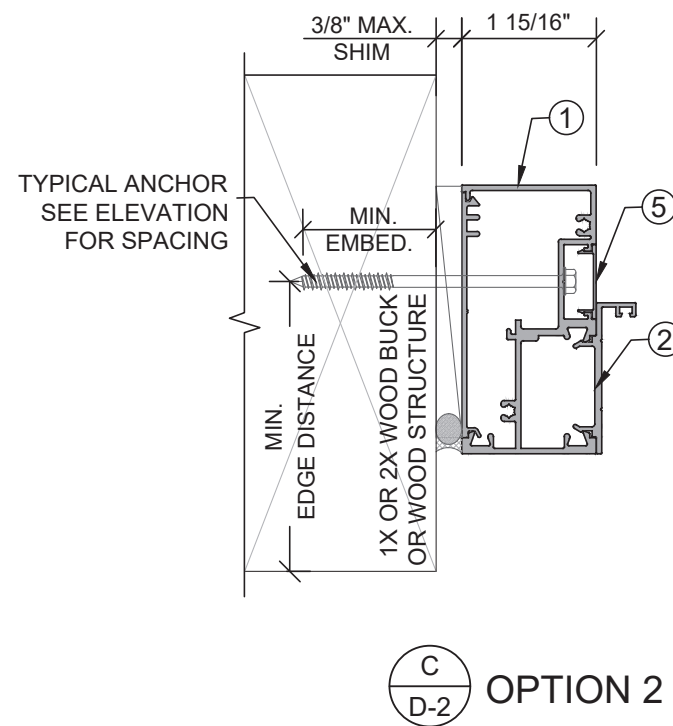
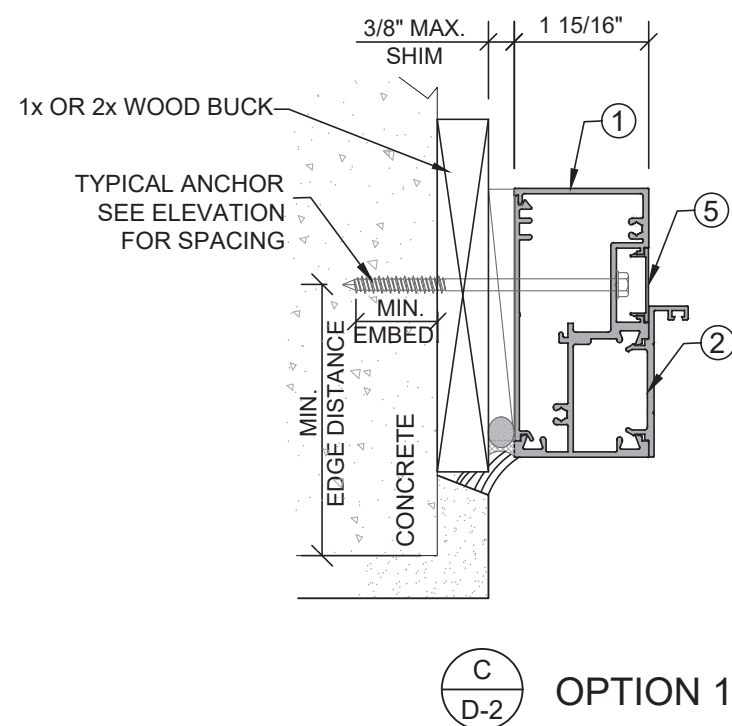
TYPE A: 1/4" DIA. ULTRACON+ BY 'DEWALT' (Fu=164 ksi Fy=148 ksi)
OR 1/4" DIA. TAPCON (Fu=120 ksi Fy=92 ksi)
1 1/2" EMBED INTO WOOD STRUCTURE
OR THRU 1X OR 2X WOOD BUCK WITH
1/4" EMBED INTO CONCRETE OR MASONRY

TYPE B: 1/4" DIA. ULTRACON+ BY 'DEWALT' (Fu=164 ksi Fy=148 ksi)
OR 1/4" DIA. TAPCON (Fu=120 ksi Fy=92 ksi)
INTO CONCRETE 1-3/4" MIN. EMBED
OR 1 3/4" MIN EMBED INTO GROUT FILLED BLOCK @ JAMB ONLY
OR 1-1/4" MIN. EMBED INTO HOLLOW BLOCK @ JAMB ONLY

TYPE C: 1/4" SMS (GRADE 2 Fu=74ksi Fy=57ksi)
OR 1/4" TEKS - SELF DRILLING SCREW (GRADE 5 Fu=120ksi Fy=92ksi)
INTO METAL STRUCTURES (HEAD/JAMB)
ALUMINUM : 1/8" THK. MIN. (6063-T5 MIN.)
STEEL: 1/8" THK. MIN.
(STEEL IN CONTACT WITH ALUMINUM TO BE ISOLATED OR PAINTED)

MIN. EDGE DISTANCES
INTO CONCRETE, HOLLOW OR GROUT FILLED BLOCK = 2 1/2"
INTO WOOD STRUCTURE = 1"
INTO METAL STRUCTURE = 1"
CONCRETE f'_c = 3000 PSI MIN.
MASONRY C-90 f'_c = 2000 PSI MIN.

1X OR 2X WOOD BUCKS AND METAL STRUCTURES BY OTHERS
MUST SUPPORT LOADS IMPOSED BY GLAZING SYSTEMS



FLORIDA APPROVAL:
FL 47438

YIPING WANG
Professional Engineer
No. 55983
C.A.N. 98877

April 11th, 2025

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MIRAMAR, FL 33027
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R0	04.07.2025	James	NEW APPLICATION

Drawn Date: 04.07.2025
SCALE: AS SHOWN

DRAWING NO.
AD25-18

Sheet No.
3 OF 5

1 DOOR FRAME
SPA10001
6063-T5

2 DOOR ADAPTOR
SPA10013
6063-T5

3 DOOR STILE
SPA10014
6063-T5

4 FLUSH ADAPTOR
SPA10007
6063-T5

5 DOOR ADAPTOR
SPA 13006
6063-T5

6 TOP & BOTTOM RAIL
YYS048
6063-T5

7 DOUBLE GLAZED BEAD
YYS050
6063-T5

8 SINGLE GLAZED POCKRT
SPA10016
6063-T5

9 DOOR RAIL ADAPTOR
SPA10108
6063-T5

10 CONNECTING ADAPTOR
YYS046
6063-T5

11 3M SEALING ADHESIVE TAP
SPA10001W

12 EPDM GASKET
SBW-26955

13 FOAMING GASKET
KS306

14 SEALANT
DOW CORNING 737
NEUTRAL CURE
SEALANT

15 CONTINUOUS HINGE
YHG004

16 DOOR LOCK &
HANDLE & CYLINDER
DS1297

17 DOOR SILL
SPA10049
6063-T5

FLORIDA APPROVAL:
FL 47438

April 11th, 2025

Drawn Date
04.07.2025

SCALE
AS SHOWN

DRAWING NO.
AD25-18

EXTRUSION

Sheet No.
4 OF 5

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Description

James

04.07.2025

NEW APPLICATION

