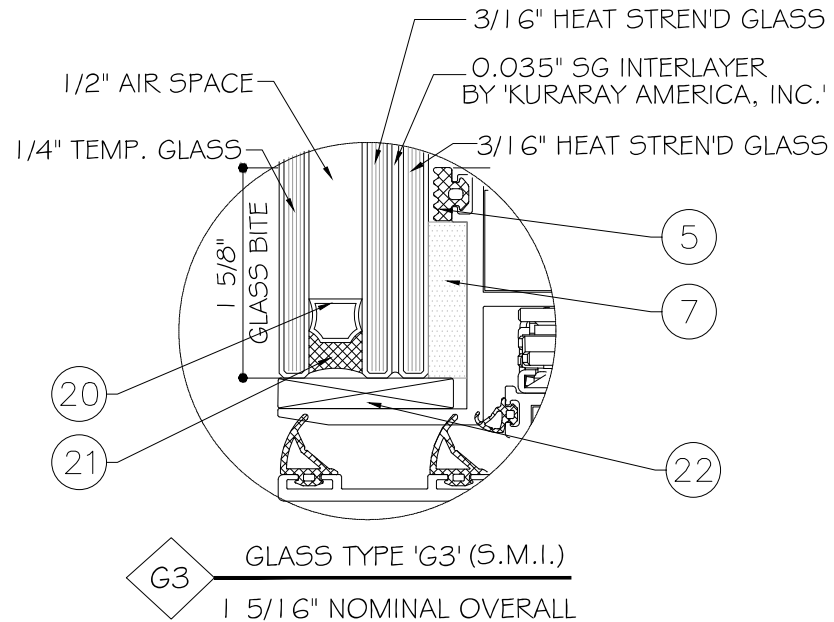
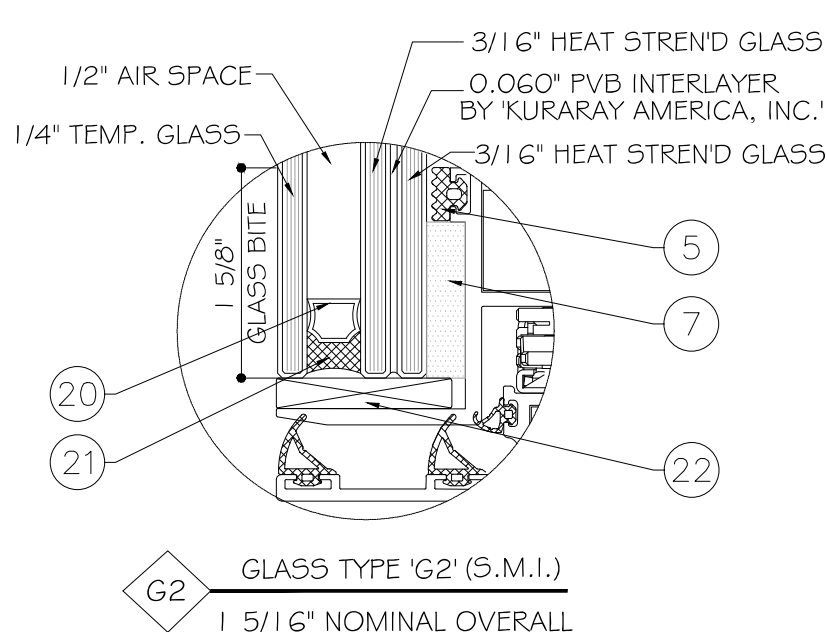
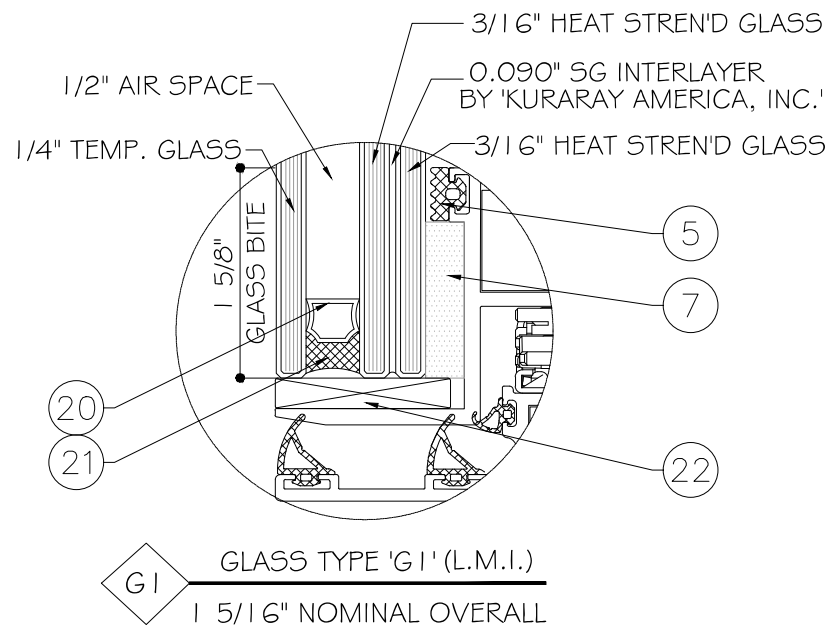


CONTINENTAL GLASS SYSTEM LLC.
CW-601C CASEMENT WINDOWS - L.M.I. & S.M.I.



GENERAL NOTES:

- THIS PRODUCT HAS BEEN DESIGNED AND TESTED TO COMPLY WITH THE REQUIREMENTS OF THE 6TH EDITION / 7TH EDITION OF FLORIDA BUILDING CODE (2017 / 2020) INCLUDING HIGH VELOCITY HURRICANE ZONE (HVHZ).
- WINDOWS RATED FOR LARGE AND SMALL MISSILE IMPACT. LMI SYSTEM TO BE USED FOR INSTALLATIONS UP TO 30 FT OF GRADE. FOR ABOVE 30 FT OF GRADE, SMI TO BE USED. IMPACT SHUTTERS ARE NOT REQUIRED.
- THESE WINDOWS ARE APPROVED FOR AIR AND WATER INFILTRATION.
- ANCHORS SHALL BE AS LISTED, SPACED AS SHOWN ON DETAILS. ANCHORS EMBEDMENT TO BASE MATERIAL SHALL BE BEYOND WALL DRESSING OR STUCCO.
- 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 THE 6TH EDITION / 7TH EDITION OF FLORIDA BUILDING CODE (2017 / 2020) SECTION AS APPLICABLE.
- METAL STRUCTURES NOT CONTINENTAL GLASS SYSTEM TO BE DESIGNED TO SUPPORT THE LOADS IMPOSED BY THIS GLAZING SYSTEM AND TO TRANSFER SUCH LOADS TO THE BUILDING MAIN STRUCTURE.
- ULTIMATE LOAD OBTAINED FROM ASCE 7-10 / 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.

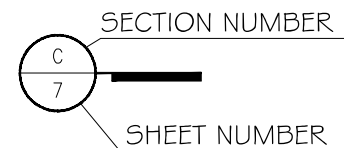
USE CHARTS AS FOLLOWS.

- STEP 1: DETERMINE DESIGN WIND LOAD REQUIREMENTS BASED ON WIND VELOCITY, BLDG. HEIGHT, WIND ZONE USING APPLICABLE ASCE 7-10 / ASCE 7-16 STANDARD OR WIND TUNNEL REPORTS.
- STEP 2: SEE SHEET E1 FOR MAX SIZE OF THE WINDOW & ALLOWABLE DESIGN LOAD FOR SINGLE CASEMENT AND CASEMENT WITH MULLION IN BETWEEN

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

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

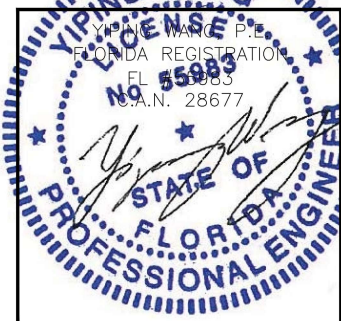


LIMITATIONS OF USE

- 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.
- B- 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.
- D- 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. ENGINEER OF RECORD, ACTING AS A DELEGATED ENGINEER TO THE P.E.D. ENGINEER SHALL SUBMIT TO THIS LATTER THE SITE SPECIFIC DRAWINGS FOR REVIEW.
- E- 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#27634.1



October 19th, 2020

CW-601C CASEMENT WINDOWS - L.M.I. & S.M.I.

CONTINENTAL GLASS SYSTEM, LLC

325 West 74 Place, Hialeah, FL 33014
TEL: (305)-231-1101

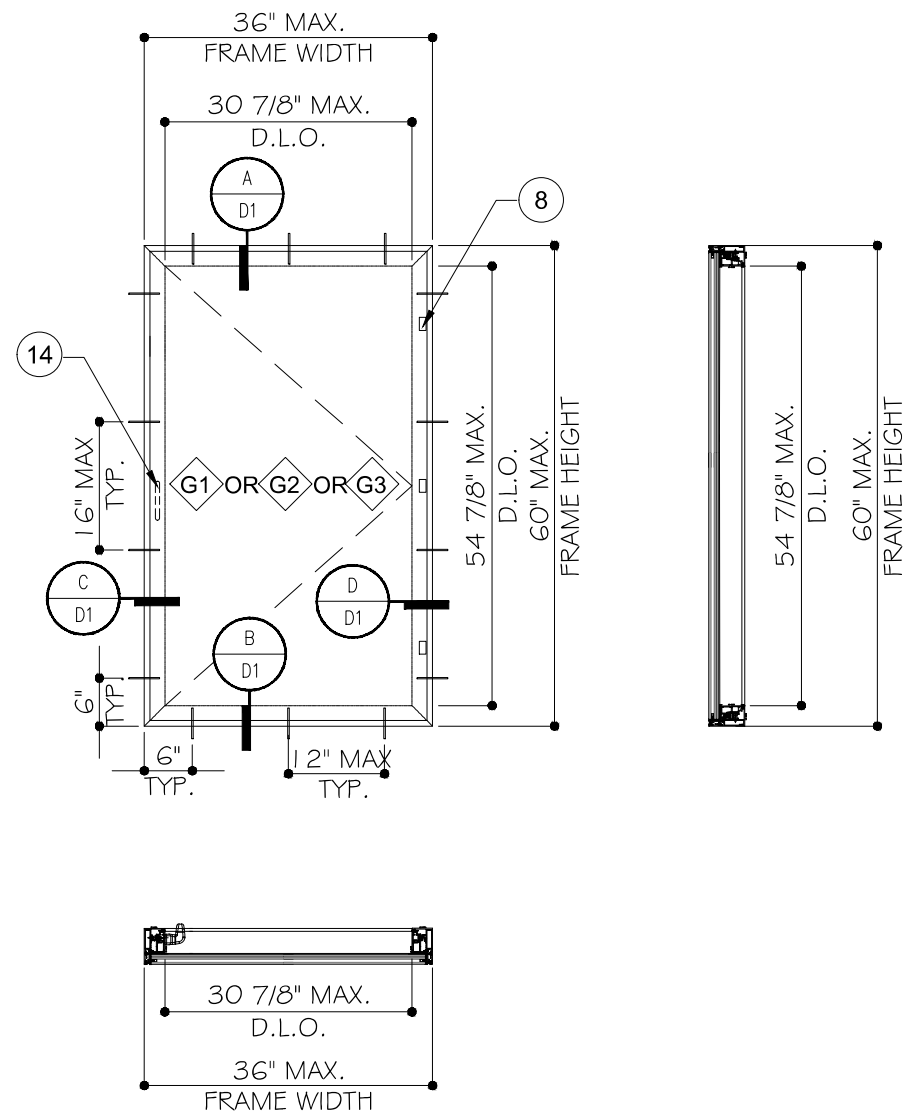
MCY ENGINEERING, INC.

GLAZING CONSULTANTS

12781 MIRAMAR PKWY, STE. 301 P: 786.360.2786
MIRAMAR, FL 33027 P: 305.271.0117

www.McYEngineering.com mcy@mcyengineering.com

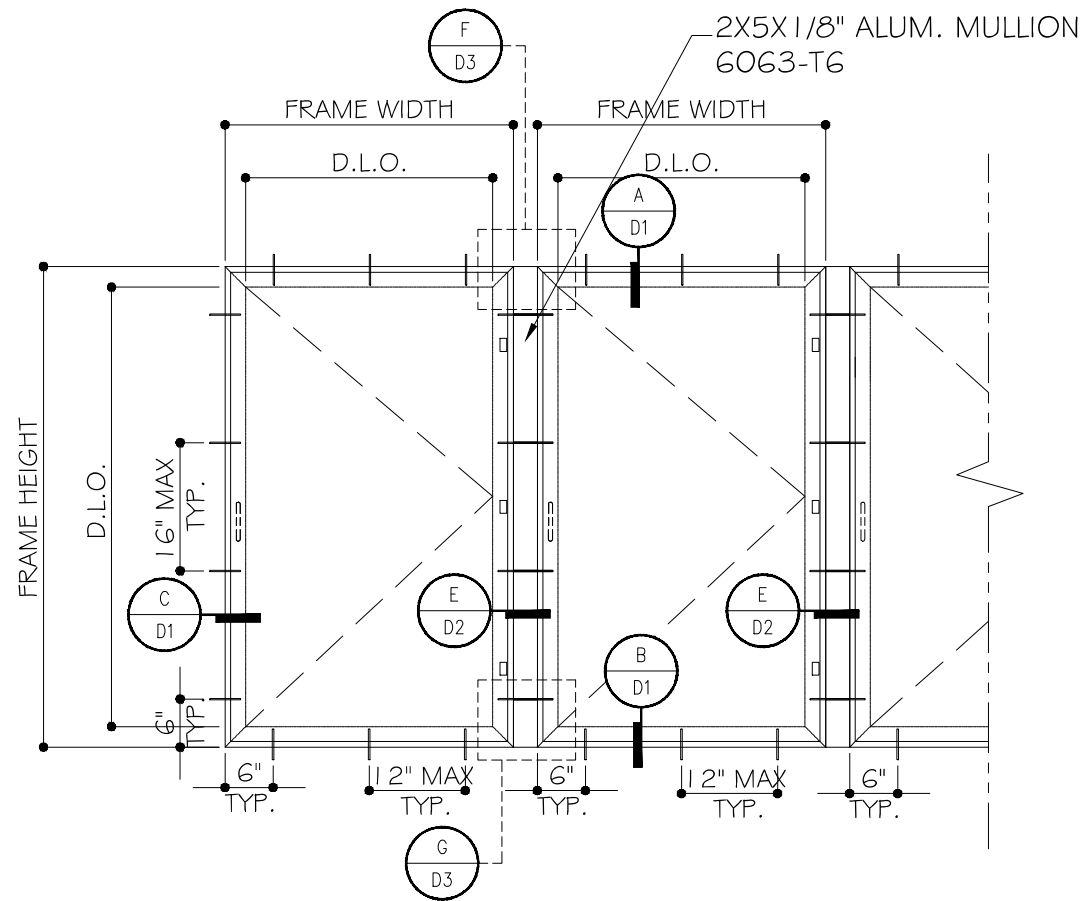
Rev. No.	Date	Description
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DRAWING NO. AD18-34		
COVER		
Sheet No. 1 OF 8		



TYPICAL EXTERIOR ELEVATIONS(X)

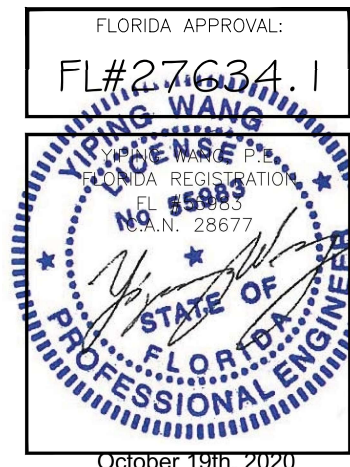
DESIGN LOADS
(FOR SIZE SHOWN ABOVE OR SMALLER AS PERMITTED BY FBC)
+70 PSF -70 PSF

NOTE:
GLASS CHECKED BASED ON ASTM E1300-09 (3 SEC.GUSTS).
LMI - USE GLASS TYPE "G1".
SMI- USE GLASS TYPE "G2" OR "G3".

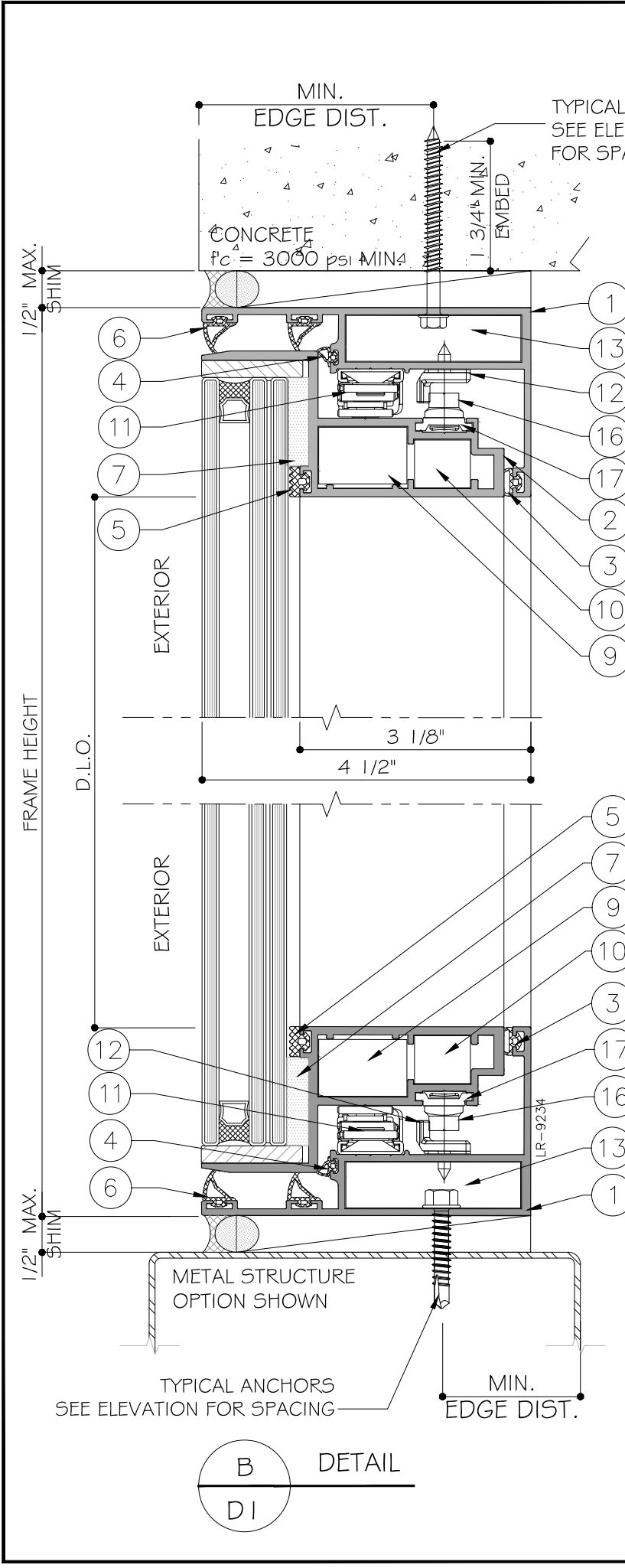


TYPICAL EXTERIOR ELEVATIONS WITH CASEMENT
CASEMENT WITH MULLION IN BETWEEN

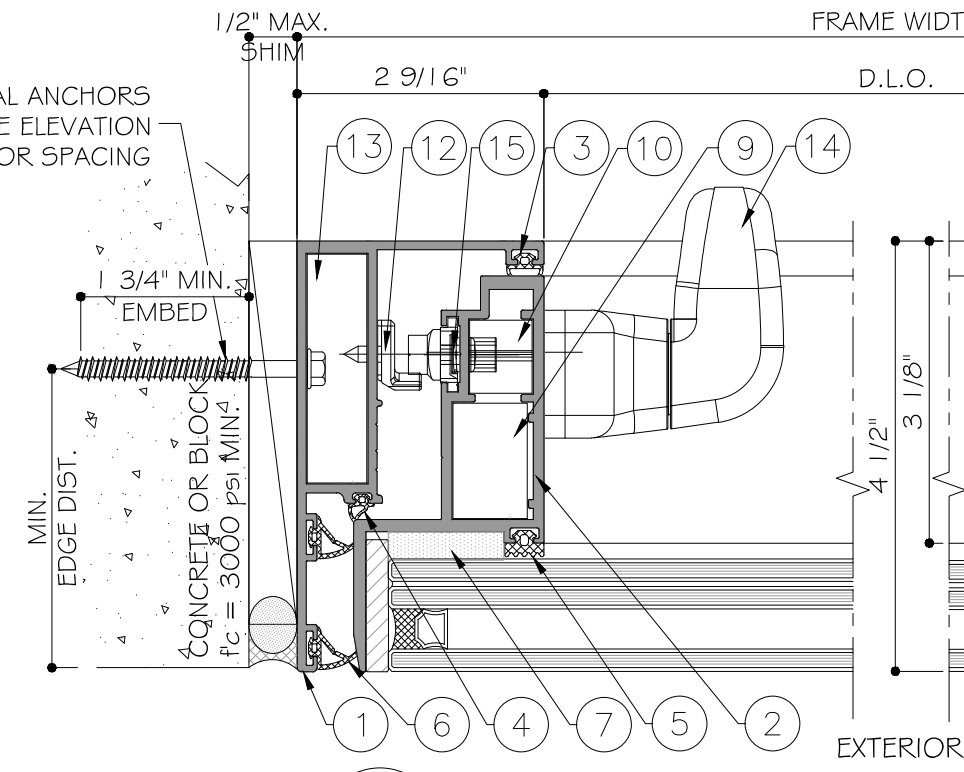
DESIGN LOADS
(FOR SIZE SHOWN ABOVE OR SMALLER AS PERMITTED BY FBC)
+70 PSF -70 PSF



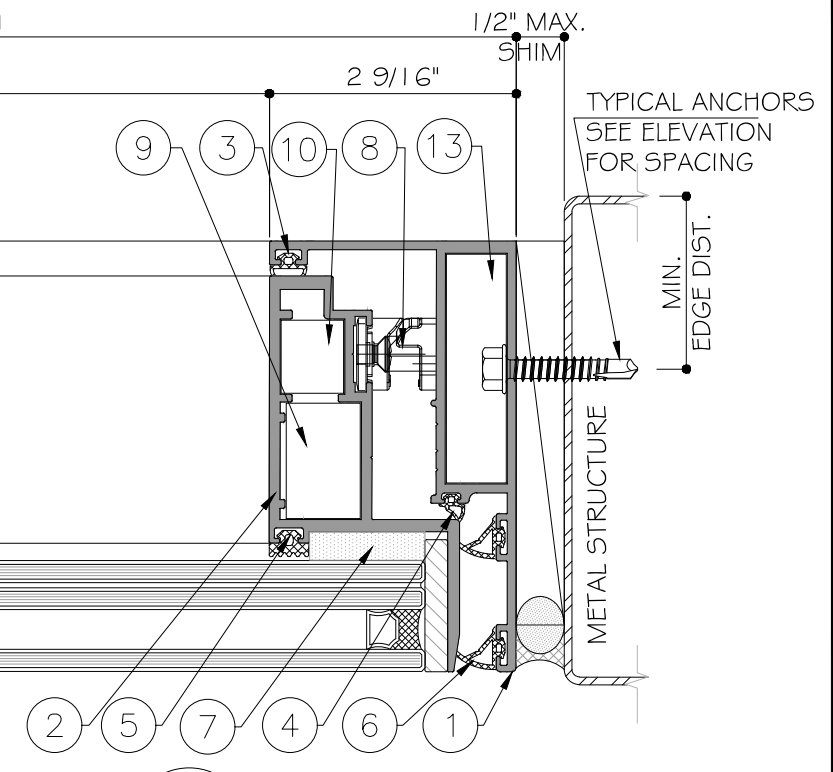
MCY ENGINEERING, INC. GLAZING CONSULTANTS 12781 MIRAMAR PKWY, STE. 301 P: 786.360.2786 MIRAMAR, FL 33027 P: 305.271.0117 www.McYEngineering.com mcy@mcyengineering.com	
CW-601C CASEMENT WINDOWS - L.M.I. & S.M.I. CONTINENTAL GLASS SYSTEM, LLC 325 West 74 Place, Hialeah, FL 33014 TEL: (305)-231-1101	
UPDATE TO FBC 2020 10/14/2020 1	Description Date Rev. No.
Drawn Date 12/15/2018	Scale DRAWING NO. AD18-34
Sheet No. 2 OF 8	



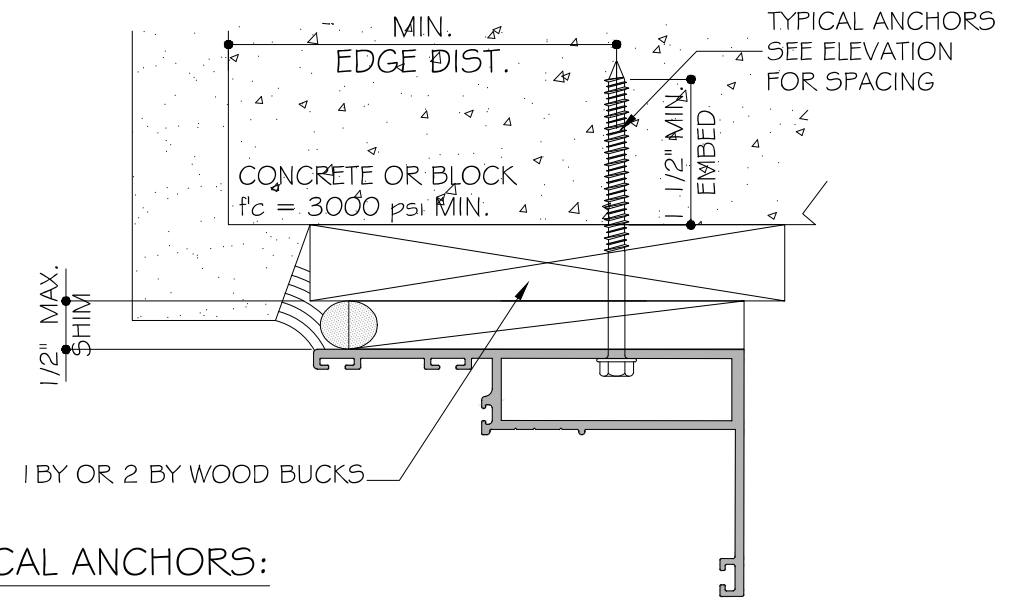
A
DETAIL
D1



C
DETAIL
D1



D
DETAIL
D1



B
DETAIL
D1

TYPICAL ANCHORS:

- TYPE "A": 1/4" DIA. TAPCON BY ITW (Fu = 120 KSI, Fy = 92 KSI)
 1/4" DIA. ULTRACON BY ELCO (Fu = 177 KSI, Fy = 155 KSI)
 1-1/2" EMBED INTO WOOD BUCK OR WOOD STRUCTURE
 OR THRU 1X OR 2X BUCKS INTO CONCRETE OR BLOCK W/ 1 3/4" MIN. EMBED
 OR DIRECTLY INTO CONCRETE OR BLOCK W/ 1 3/4" MIN. EMBED
- TYPE "B": #14 DIA. TEKS-SELFDILLING SCREW (Fu = 120 KSI, Fy = 92 KSI)
 INTO STEEL
 STEEL : 12 GA. MIN. (Fy = 36 KSI MIN.)
 (STEEL IN CONTACT WITH ALUMINUM TO BE PLATED OR PAINTED)
 INTO FLORIDA APPROVED ALUMINUM MULLIONS
 ALUMINUM : 1/8" THK. MIN. (6063-T5 MIN.)

ANCHOR EDGE DISTANCES
 INTO CONCRETE AND MASONRY = 2" MIN.
 INTO METAL STRUCTURE = 3/4" MIN.
 INTO WOOD = 1" MIN.

CONCRETE AT HEAD, SILL OR JAMB:
 f'c = 3000 PSI MIN.
 C-90 HOLLOW / FILLED BLOCK AT JAMB:
 f'm = 1500 PSI MIN.
 WOOD STRUCTURE: SG = 0.55 MIN.

FLORIDA APPROVAL:
FL#27634.1

YIPING WANG
 LICENSE
 No. 55983
 STATE OF FLORIDA
 PROFESSIONAL ENGINEER

October 19th, 2020

MCY ENGINEERING, INC.
 GLAZING CONSULTANTS

CONTINENTAL GLASS SYSTEM, LLC
 325 West 74 Place, Hialeah, FL 33014
 TEL. (305)-231-1101

CW-601C CASEMENT WINDOWS - L.M.I. & S.M.I.

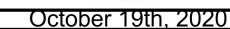
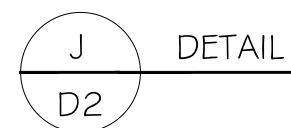
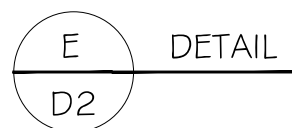
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1	10/14/2020	UPDATE TO FBC 2020

Drawn Date: 12/15/2018 Scale: _____

DRAWING NO.: **AD18-34**

Sheet No.: **3 OF 8**

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CW-601C CASEMENT WINDOWS - L.M.I. & S.M.I.

CONTINENTAL GLASS SYSTEM, LLC

3325 West 74 Place, Hialeah, FL 33014

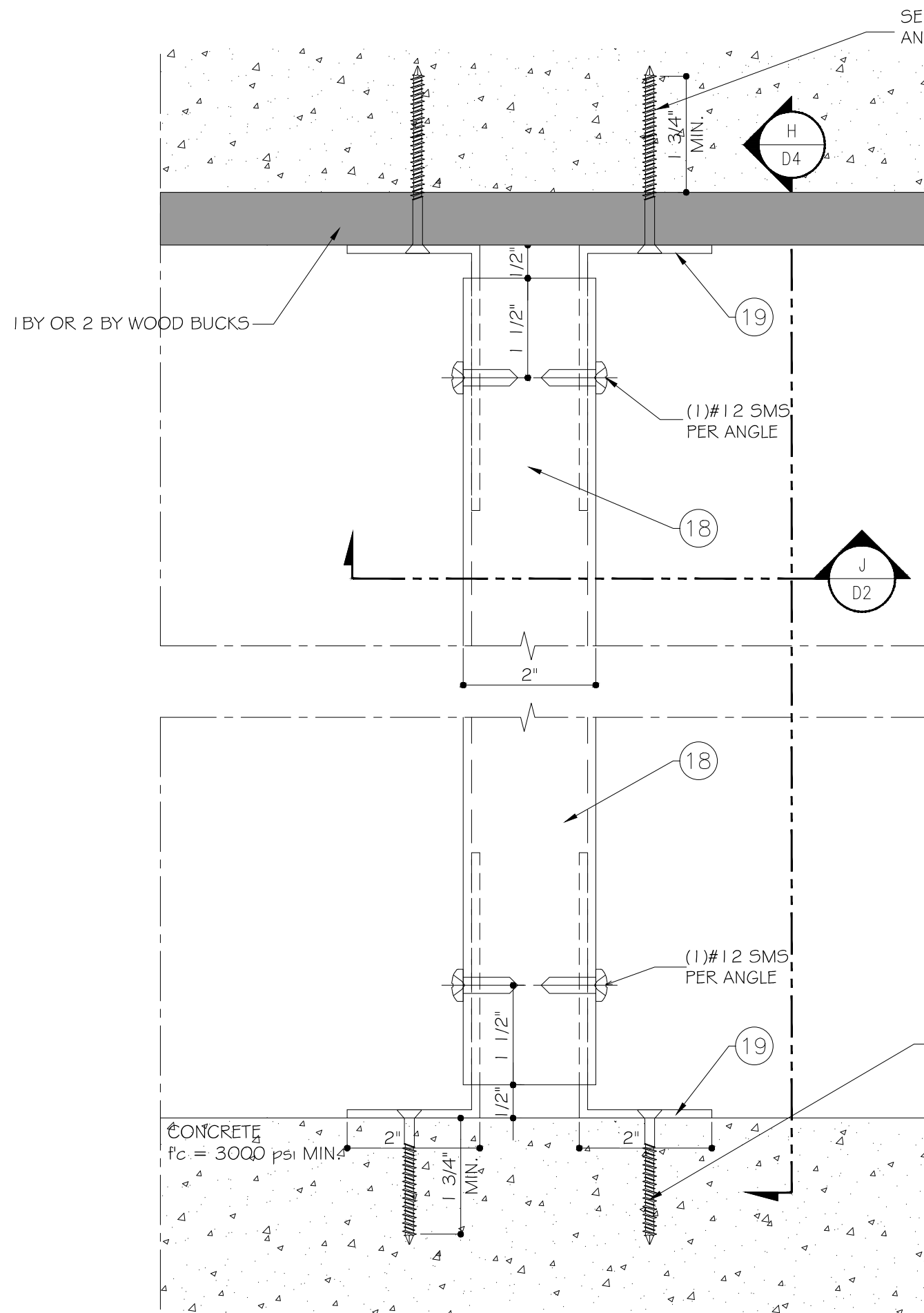
TEL. (305)-231-1101

MCY ENGINEERING, INC.
GLAZING CONSULTANTS

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MIRAMAR, FL 33027 P: 305.271.0117

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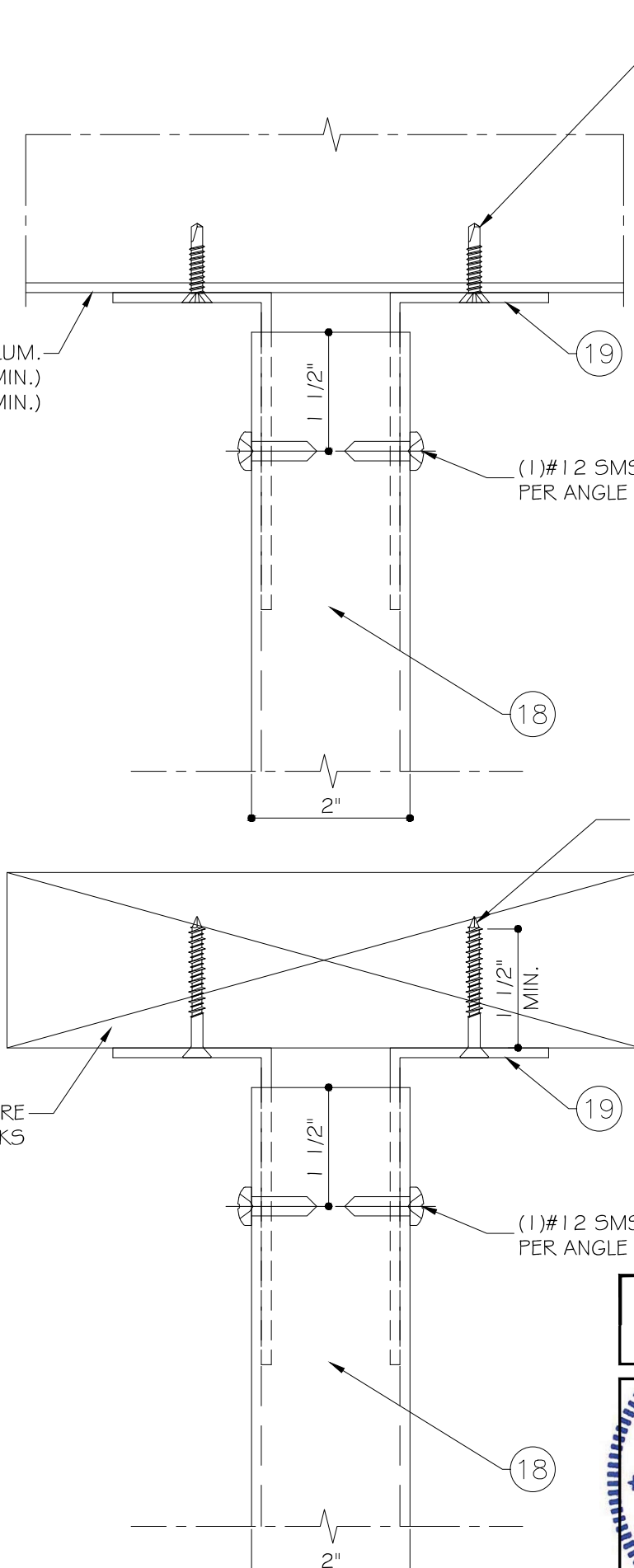
NOTE: CASEMENT NOT SHOWN

SEE SHEET D4 FOR ANCHOR OPTIONS

F
D3
DETAIL

SEE SHEET D4 FOR ANCHOR OPTIONS

G
D3
DETAIL



SEE SHEET D4 FOR ANCHOR OPTIONS

FLORIDA APPROVAL:

FL#27634.1

YIPING WANG
P.E.
FLORIDA REGISTRATION
No. 55983
C.E.N. 28677

STATE OF
FLORIDA
PROFESSIONAL ENGINEER

October 19th, 2020

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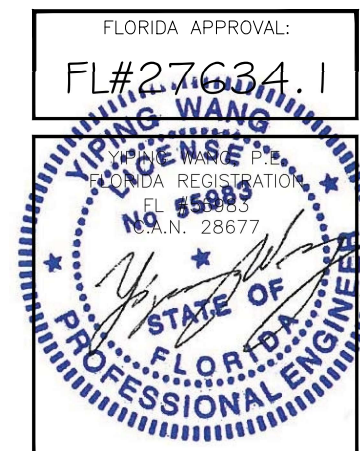
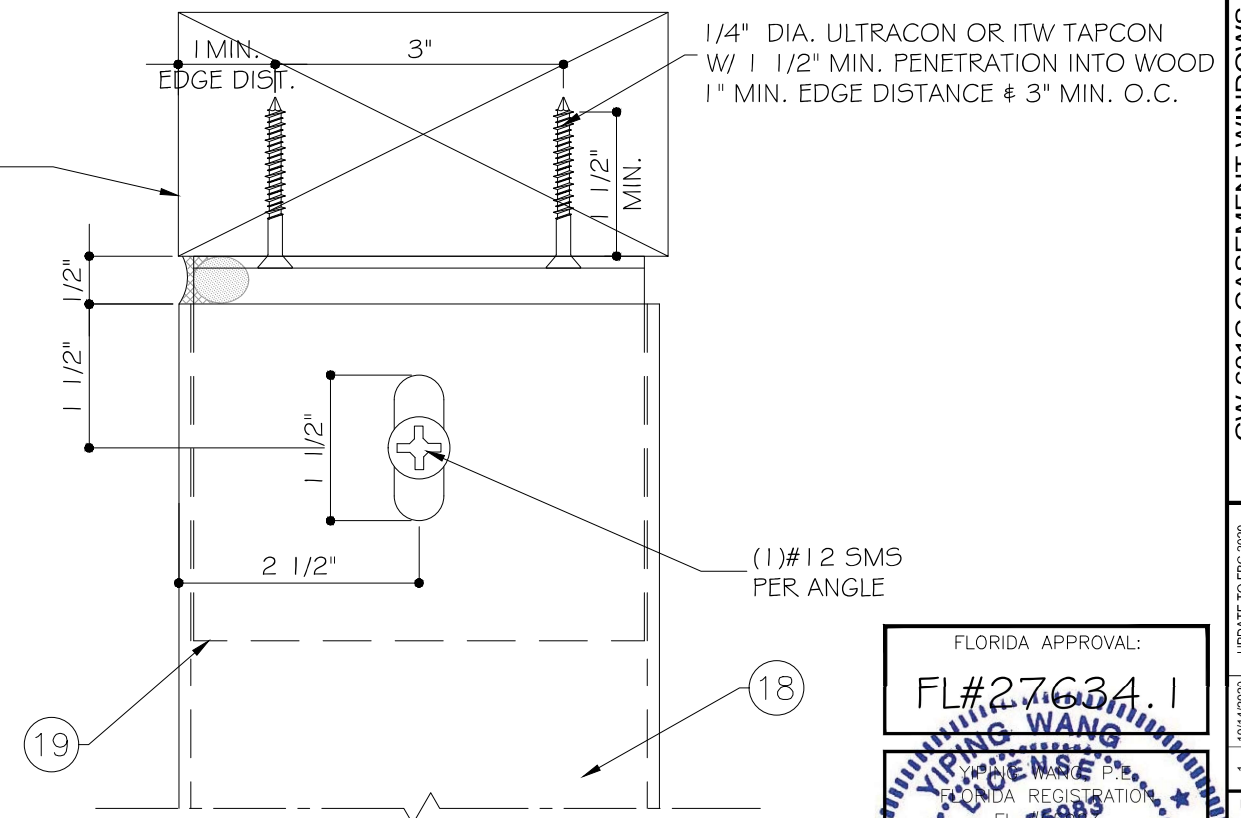
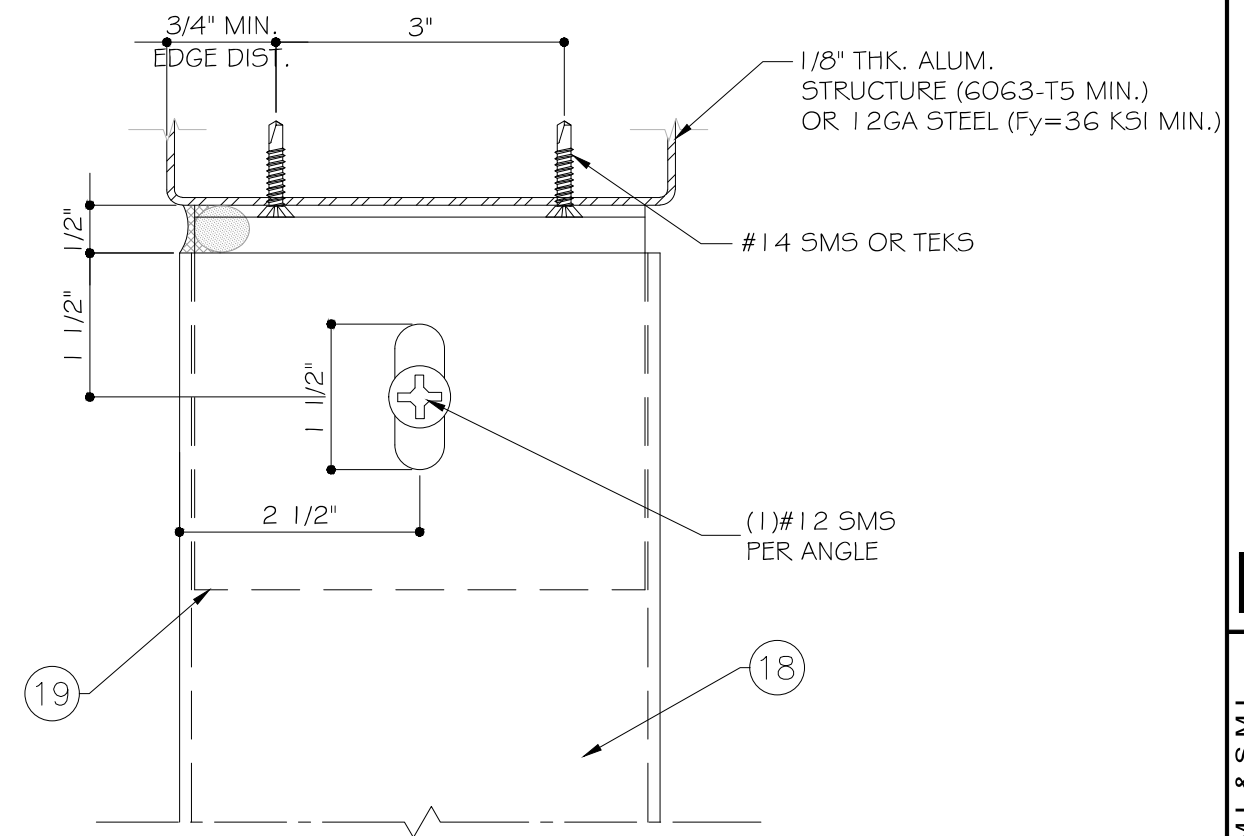
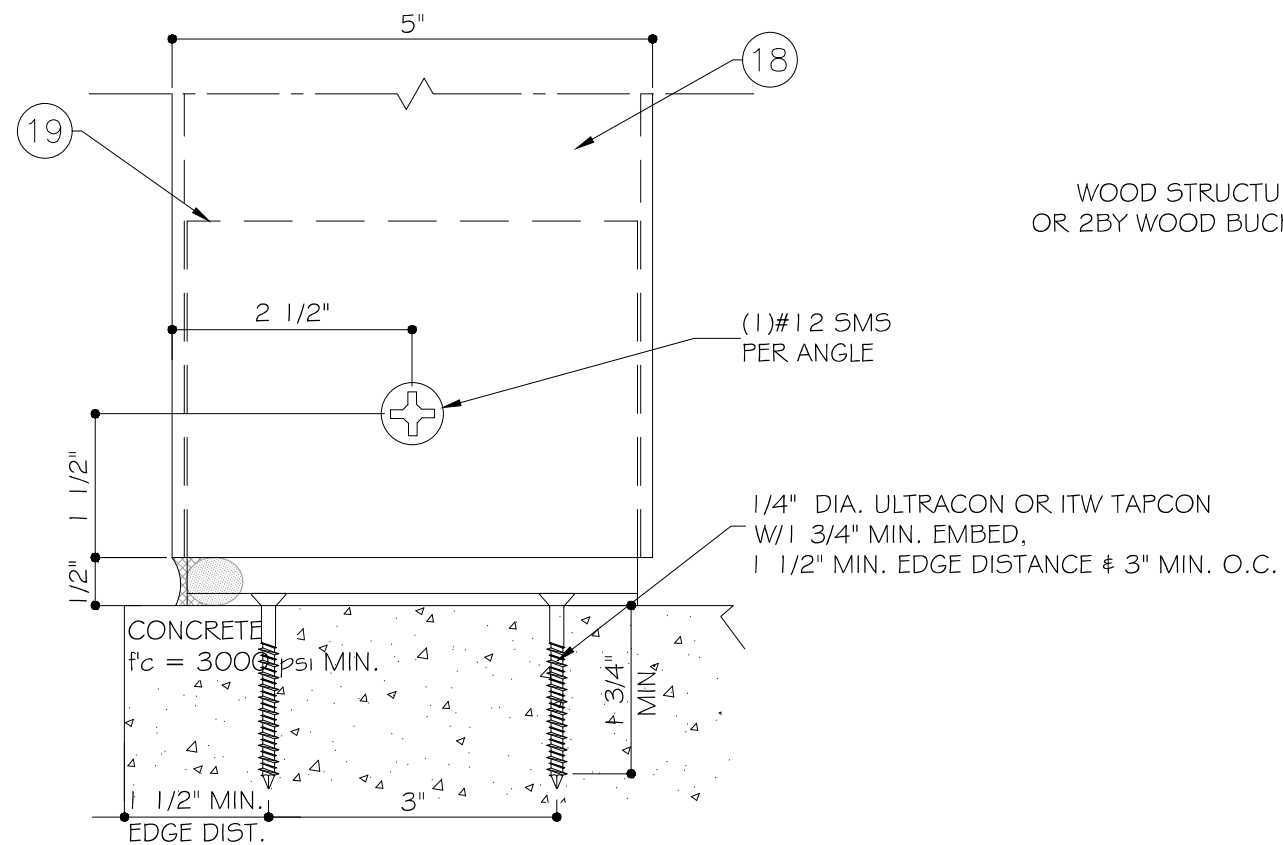
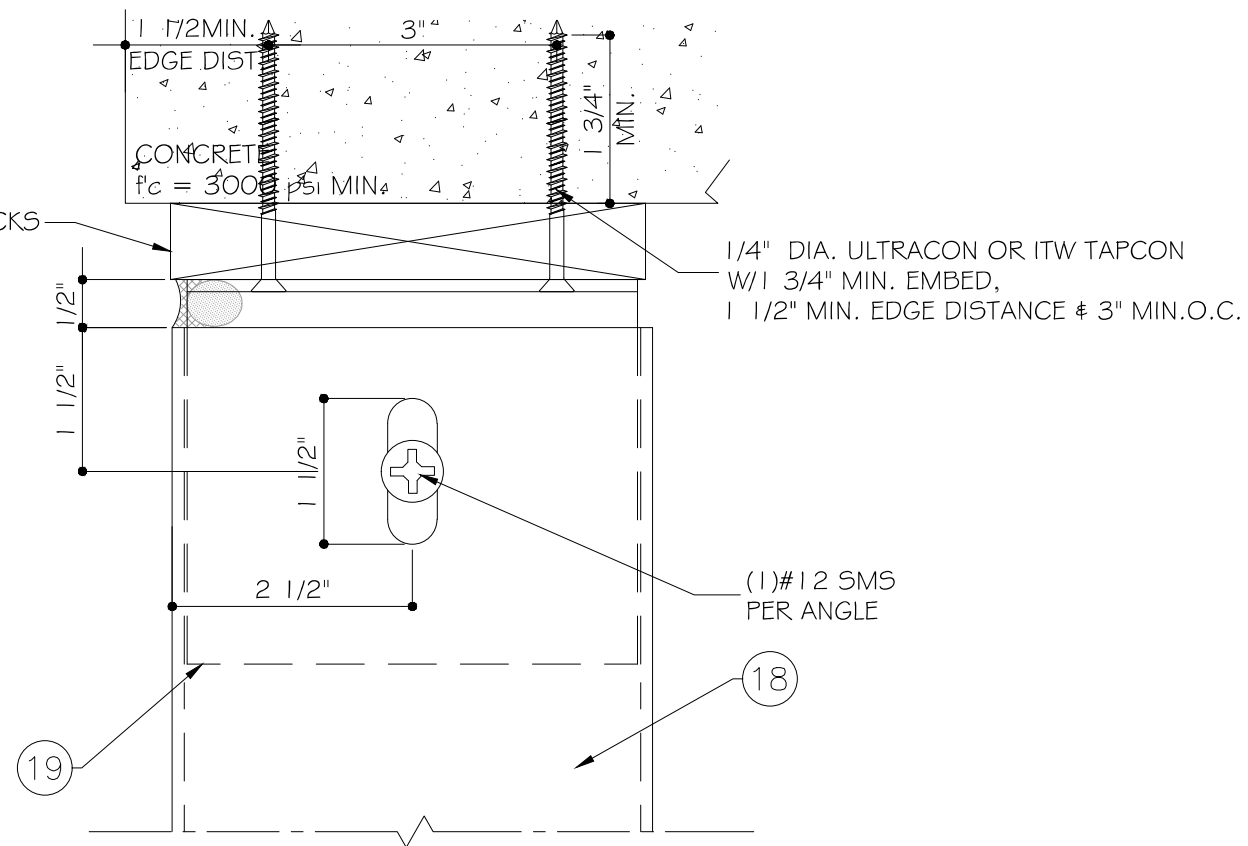
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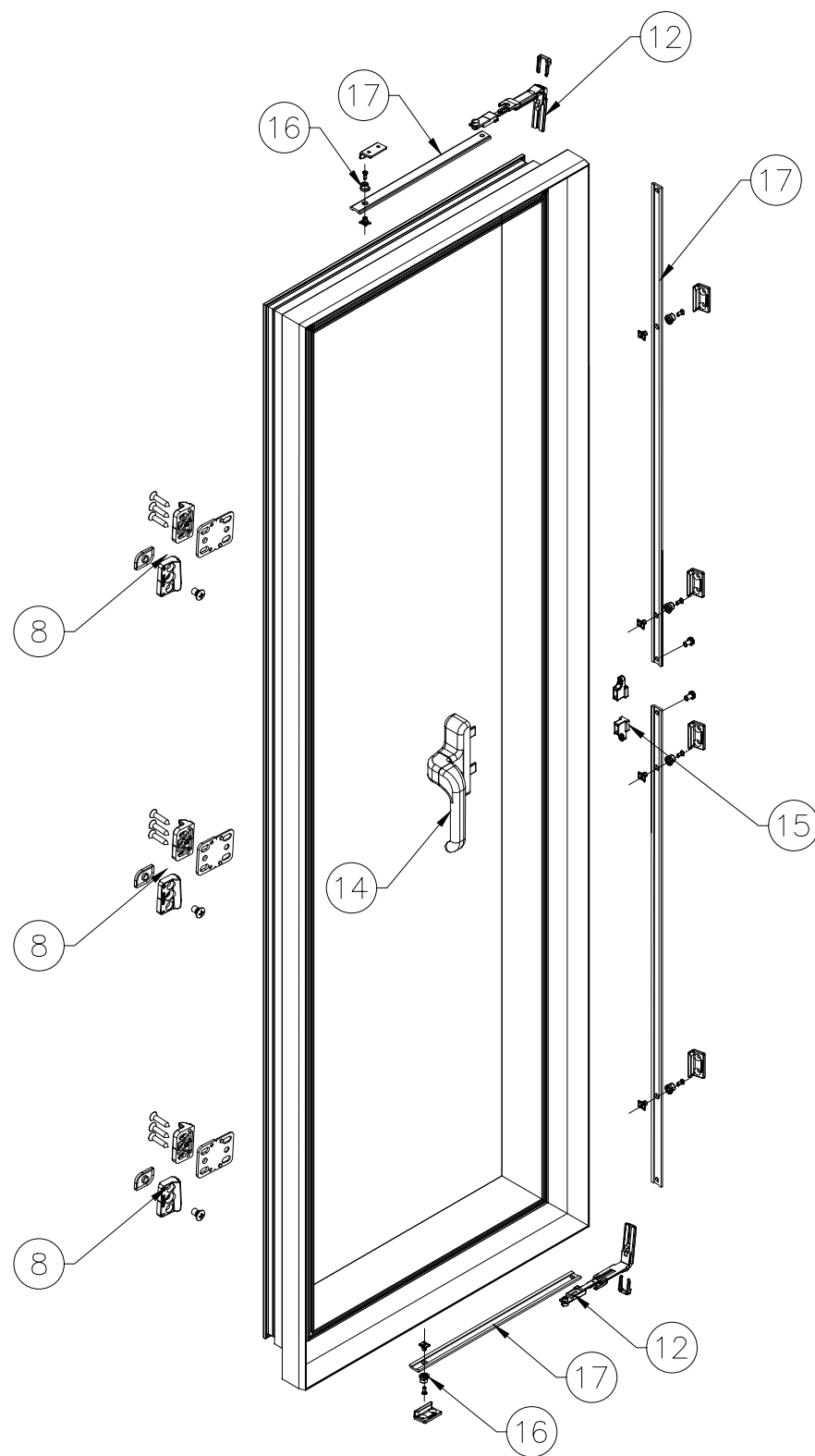
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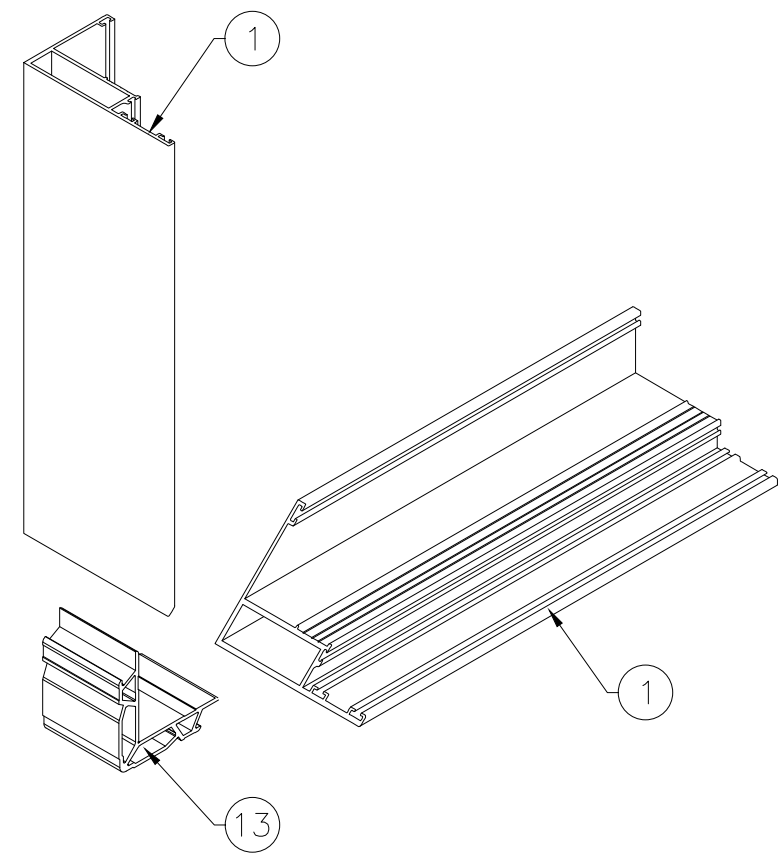
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Sheet No.
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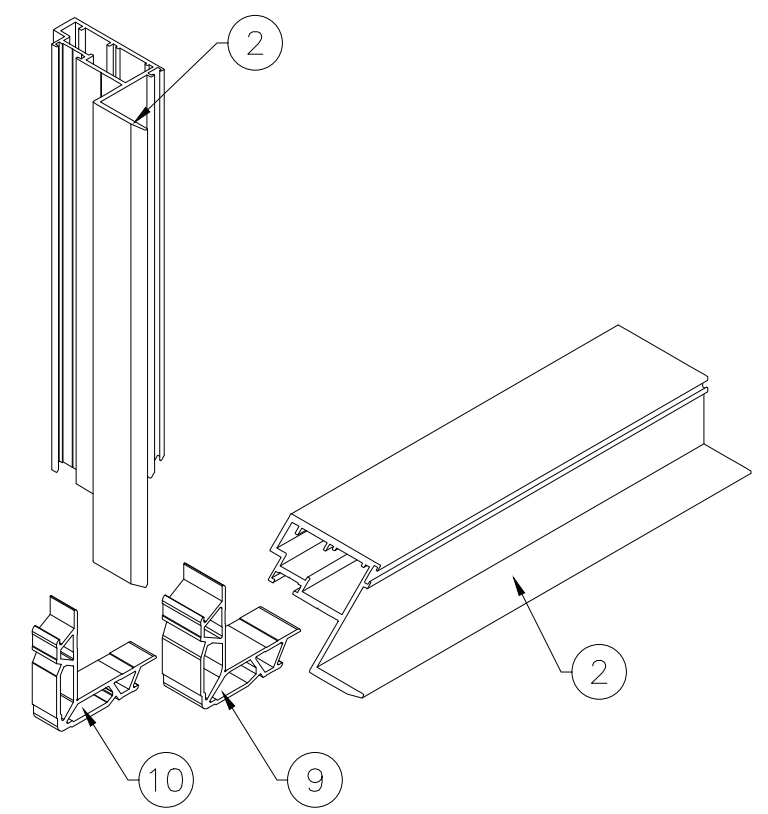
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HARDWARE ASSEMBLY



FRAME CORNER ASSEMBLY



PANEL CORNER ASSEMBLY

FLORIDA APPROVAL:

FL#27634.1

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No. 55983
C.A.N. 28677

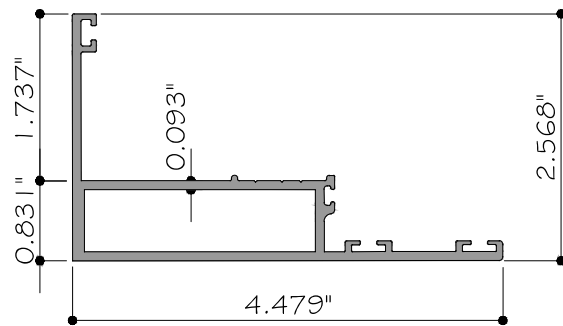
YIPING WANG
PROFESSIONAL ENGINEER
STATE OF FLORIDA

October 19th, 2020

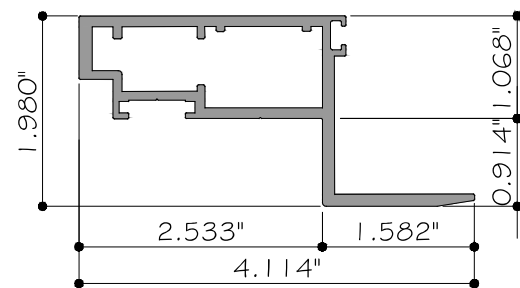
MCY ENGINEERING, INC. GLAZING CONSULTANTS 12781 MIRAMAR PKWY, STE. 301 P: 786.360.2786 MIRAMAR, FL 33027 P: 305.271.0117 www.MCYEngineering.com mcy@mcyengineering.com			
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1			
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ASSEMBLY			
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BILL OF MATERIALS

ITEM #	PROFILE	DESCRIPTION	MATERIAL	MANUFACTURER/REMARKS
1	LR-9234	HIDDEN SASH FRAME PROFILE	ALUM. 6063-T6	LINEA ROSSA
2	LR-9235	HIDDEN SASH PROFILE	ALUM. 6063-T6	LINEA ROSSA
3	B4510053	HIDDEN SASH FRAME GASKET	EPDM-DUROMETER SHORE A 65±5	SECIL KAUCUK
4	B4210033	HIDDEN SASH FRAME GASKET	EPDM-DUROMETER SHORE A 65±5	SECIL KAUCUK
5	B4510010	PRESSURE PLATE GASKET	EPDM-DUROMETER SHORE A 70±5	SECIL KAUCUK
6	B4510090	CENTRAL GASKET FOR TOP HUNG WINDOW	EPDM-DUROMETER SHORE A 65±5	PIKASAN
7	DOWSIL™ 983 OR DOWSIL™ 995	SILICONE SPACER	SILICONE	DOWSIL™
8	B7511374	EXTRA LOCK	POLYAMIDE	LINEA ROSSA
9	B3193058	PANEL CONNECT CORNER CLEAT	ALUM. 6063-T6	LINEA ROSSA
10	B3117194	PANEL CONNECT CORNER CLEAT	ALUM. 6063-T6	LINEA ROSSA
11	B7740001	4 BAR EURO OFFSET HANDLE	STAINLESS STEEL	LINEA ROSSA
12	B7514019	CORNER DRIVE	ZAMAK	LINEA ROSSA
13	B3116604	FRAME CONNECT CORNER CLEAT	ALUM.6063-T6	LINEA ROSSA
14	B7415007	EURO OFFSET HANDLE	ALUM.6063-T6	LINEA ROSSA
15	B7512262	CONNECTING BLOCK	PVC	LINEA ROSSA
16	B7514030	FUTURA FIXED PAWL	ZAMAK	LINEA ROSSA
17	B2810039	POLYAMIDE ROD	POLYAMIDE	LINEA ROSSA
18		5"X2"X1/8" ALUM. TUBE	ALUM.6063-T6	
19		4"X2"X1/8" ALUM. ANGLE	ALUM. 6063-T6	
20	HELIMA ALUMINUM SPACER	GLAZING SPACER	ALUMINUM	VIRACON
21		DOWSIL™ 982	SILICONE SEAL	DOWSIL™
22		SETTING BLOCK 1 3/8" X1/4"X4"	SILICONE-DUROMETER SHORE A 80±5	FRANKLOWE



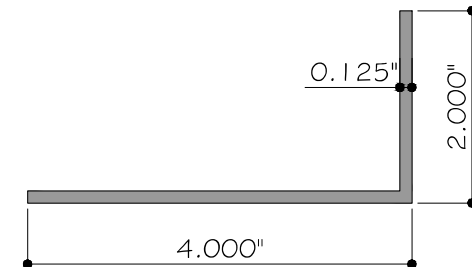
① HIDDEN SASH FRAME PROFILE
LR-9234 6063-T6



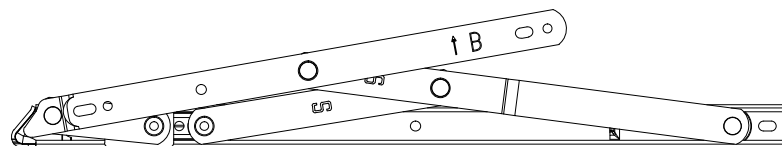
② HIDDEN SASH PROFILE
LR-9235 6063-T6



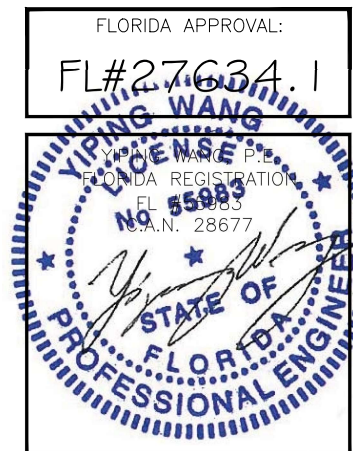
18 5"X2"X1/8" ALUM. TUBE
6063-T6

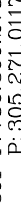


19 4"X2"X1/8" ALUM. ANGLE
6063-T6



① FOUR BARS HINGE
B7740001 STAINLESS STEEL



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		CONTINENTAL GLASS SYSTEM, LLC 325 West 74 Place, Hialeah, FL 33014 TEL. (305)/231-1101	
1	10/14/2020	UPDATE TO RBC 2020	
Drawn Date 12/15/2018		Scale	
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