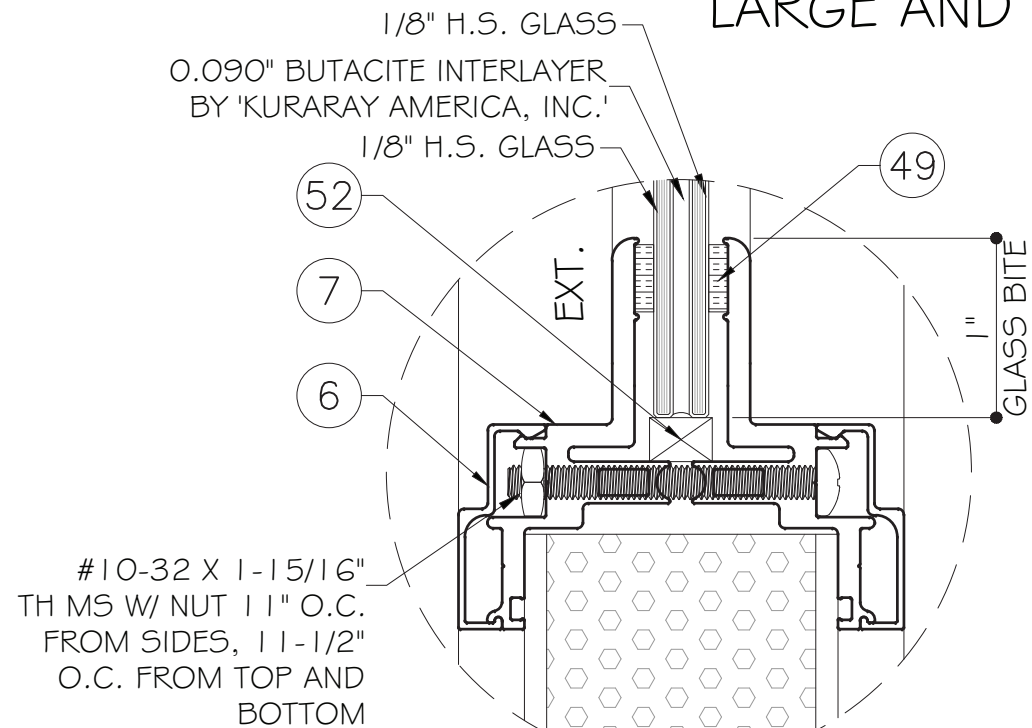
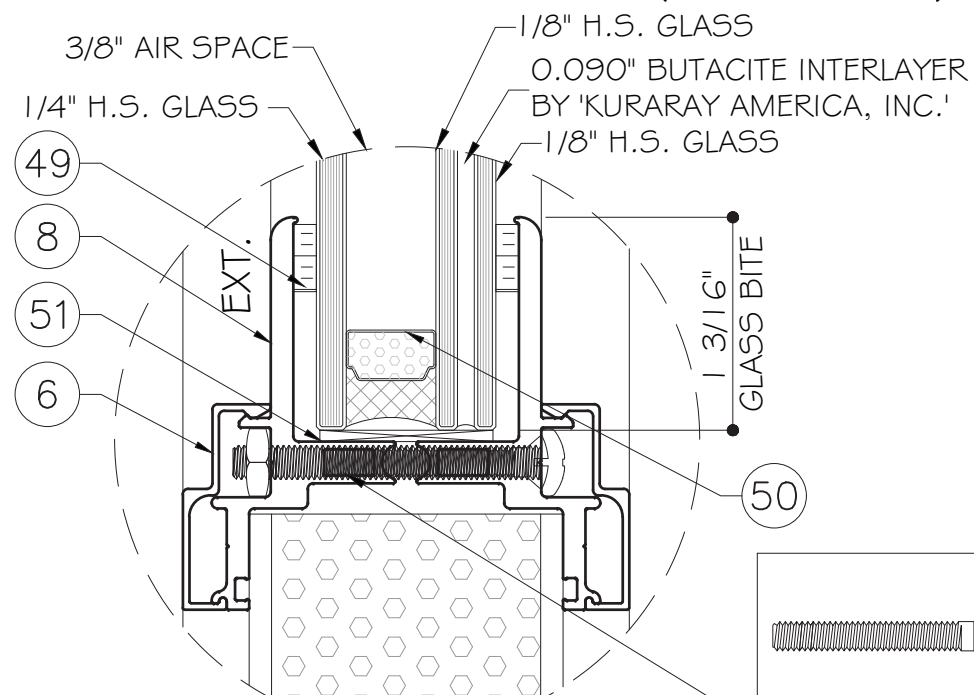


# SPECIAL-LITE, INC. FIBERGLASS FRAME OUTSWING DOORS LARGE AND SMALL MISSILE IMPACT (LMI & SMI)



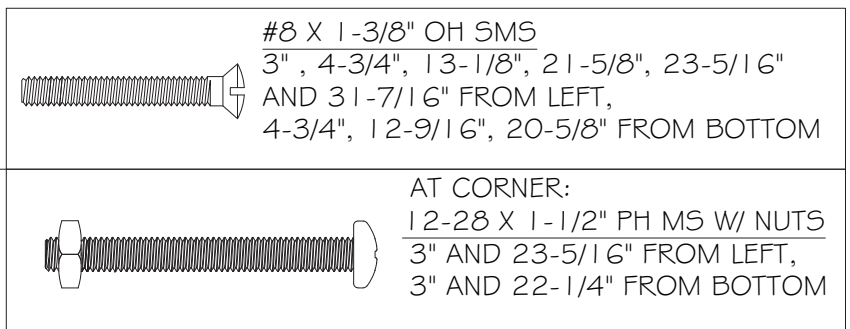
**GLASS TYPE 'G1'**  
5/16" NOMINAL OVERALL



**GLASS TYPE 'G2'**  
1" NOMINAL OVERALL

**NOTE:**  
GLASS COMPLIES WITH ASTM E 1300-09 (3 SEC. GUSTS).

**NOTES:**  
EGRESS REQUIREMENTS TO BE REVIEWED BY BUILDING OFFICIAL.  
ALL OPENINGS PASSED WITH WATER INFILTRATION.



## SERIES 217, 100 & 220 FIBERGLASS OUTSWING DOOR (LMI & SMI)

- THIS PRODUCT HAS BEEN DESIGNED AND TESTED TO COMPLY WITH THE REQUIREMENTS OF THE 5TH EDITION FLORIDA BUILDING CODE (2014) INCLUDING HIGH VELOCITY HURRICANE ZONE (HVHZ).
- DOORS RATED FOR LARGE AND SMALL MISSILE IMPACT AND DO NOT REQUIRE SHUTTERS.
- DOORS ARE APPROVED FOR WATER AND AIR 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 5TH EDITION FLORIDA BUILDING CODE (2014) SECTION AS APPLICABLE.

- METAL STRUCTURES NOT BY SPECIAL LITE, INC. MUST SUPPORT LOADS IMPOSED BY DOOR SYSTEM AND TRANSFER THEM TO THE BUILDING STRUCTURE
- 1X OR 2X WOOD BUCKS BY OTHERS MUST BE ANCHORED PROPERLY TO TRANSFER LOADS TO THE STRUCTURE.
- A LOAD DURATION FACTOR IN ALLOWABLE STRESS IS USED IN DESIGN OF ANCHORS INTO WOOD ONLY.
- DOOR FRAME: PULTRUDED FIBERGLASS
- DOOR PANEL: 0.120" SANDSTONE FRP OR PULTRUDED FIBERGLASS
- ULTIMATE LOAD OBTAINED FROM ASCE 7-10, 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.
- LOCK: REFER TO PAGE HW1 FOR LOCK OPTIONS.

**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.

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:

<b>COVER</b>	
DATE	01/16/17
SCALE	AS SHOWN
DRAWN	T.G.
PROJECT	MCY 17-005
DRAWING NO.	AD17-04
<b>1 OF 10</b>	

NO.	DATE	DESCRIPTION

**MCY**

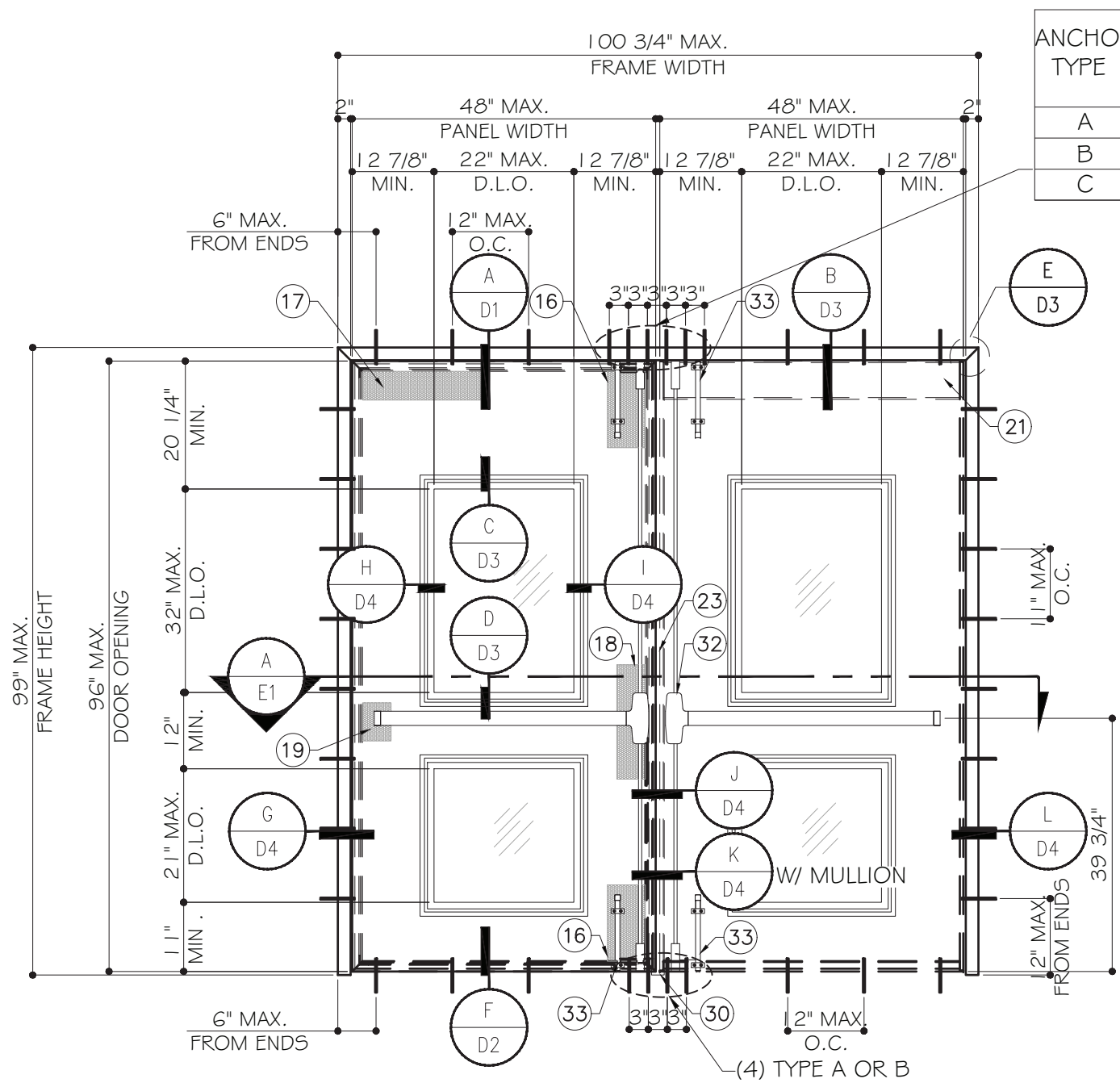
**MCY ENGINEERING, INC.**  
GLAZING CONSULTANTS

8501 SW 124 AVE. STE. 205A P: 305.271.0117  
MIAMI, FL 33183 F: 786.573.5063  
www.MCYUS.com MCY.Engineering@Att.net

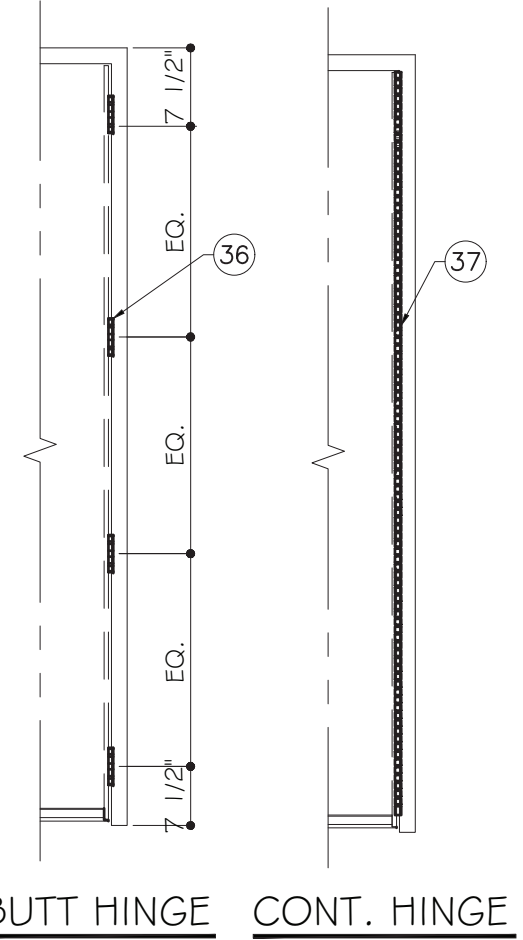
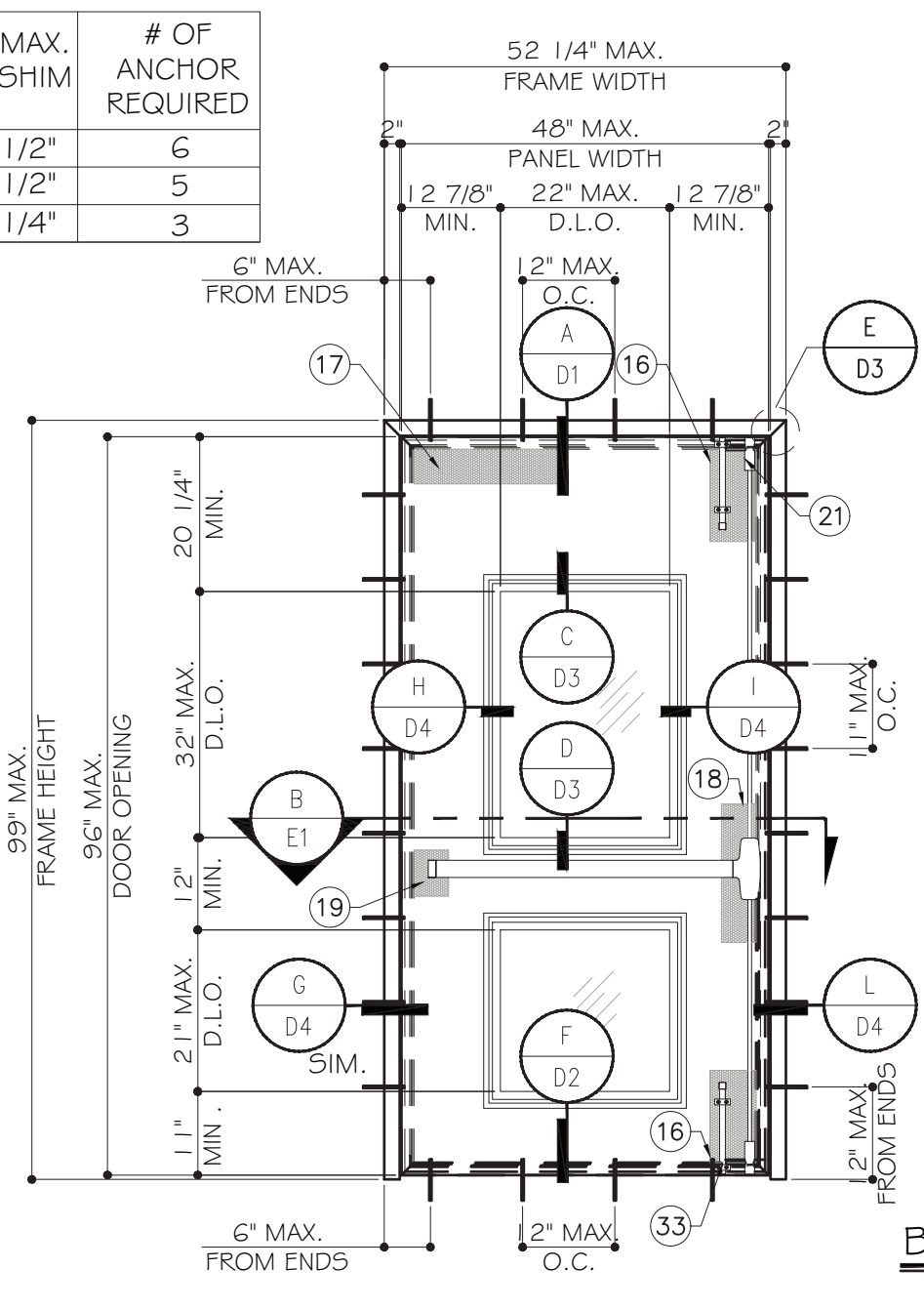
**SPECIAL-LITE, INC.**  
860 SOUTH WILLIAMS STREET  
P.O. BOX 6  
DECATUR, GA 30045  
WWW.SPECIAL-LITE.COM

**Special-Lite**  
*Doors with more life*

FIBERGLASS FRAME OUTSWING DOOR WITH SKIN (LMI & SMI)



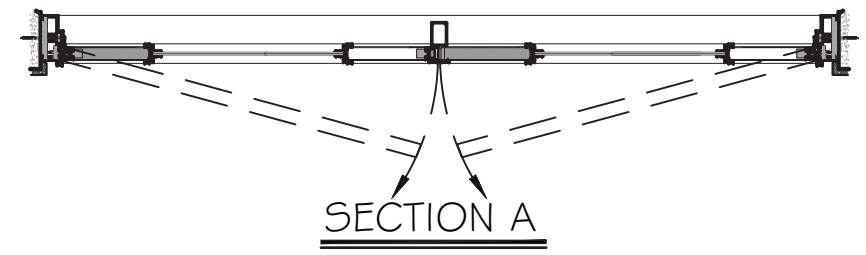
ANCHOR TYPE	MAX. SHIM	# OF ANCHOR REQUIRED
A	1/2"	6
B	1/2"	5
C	1/4"	3



TYPICAL EXTERIOR ELEVATION (XX)

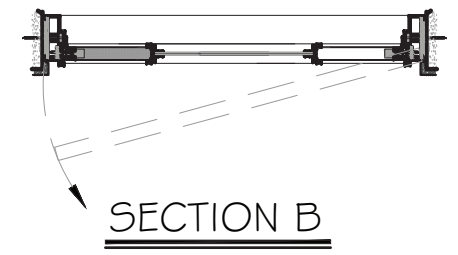
TYPICAL EXTERIOR ELEVATION (X)

HINGE LAYOUT



SECTION A

FOR LOCK OPTIONS  
SEE SHEET HW1



SECTION B

DESIGN LOADS (FOR SIZES SHOWN ABOVE OR SMALLER) AS PERMITTED BY FBC
+47.0 PSF
- 65.0 PSF
<u>SILL TYPE 1</u>

DESIGN LOADS (FOR SIZES SHOWN ABOVE OR SMALLER) AS PERMITTED BY FBC
+65.0 PSF
- 65.0 PSF
<u>SILL TYPE 2</u>

FLORIDA APPROVAL:  
 YIPING WANG, P.E.  
 LICENSE # 55983  
 FL # 55983  
 CA 55983

STATE OF FLORIDA  
 PROFESSIONAL ENGINEER

NO.	DATE	DESCRIPTION

**MCY ENGINEERING, INC.**  
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 MIAMI, FL 33183 F: 786.573.5063  
 www.MCYUS.com MCY.Engineering@Att.net

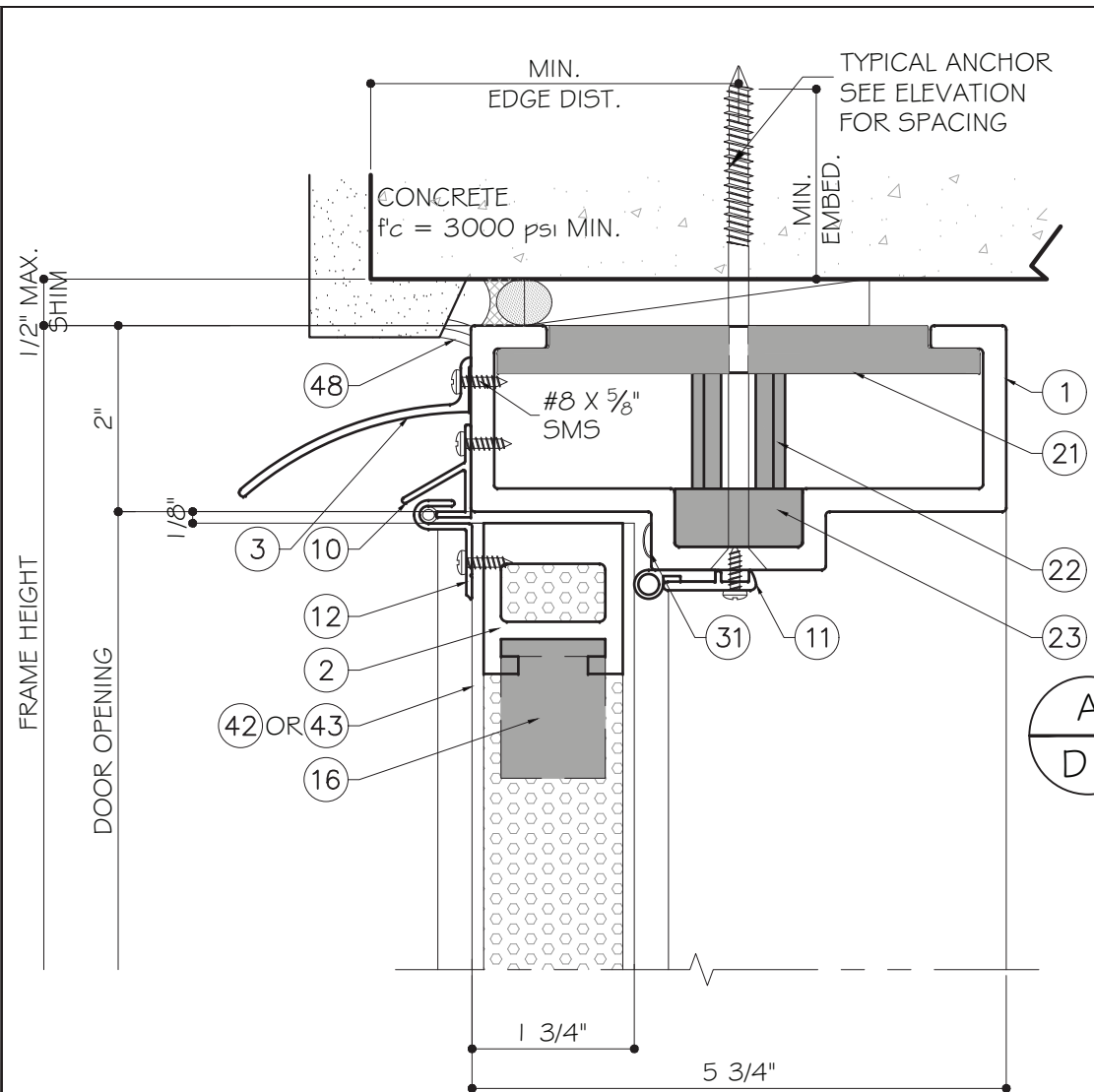
SPECIAL-LITE, INC.  
 860 SOUTH WILLIAMS STREET  
 P.O. BOX 6  
 DECATUR, MI 49045  
 WWW.SPECIAL-LITE.COM

FIBERGLASS FRAME OUTSWING DOOR WITH SKIN (MI & SMI)

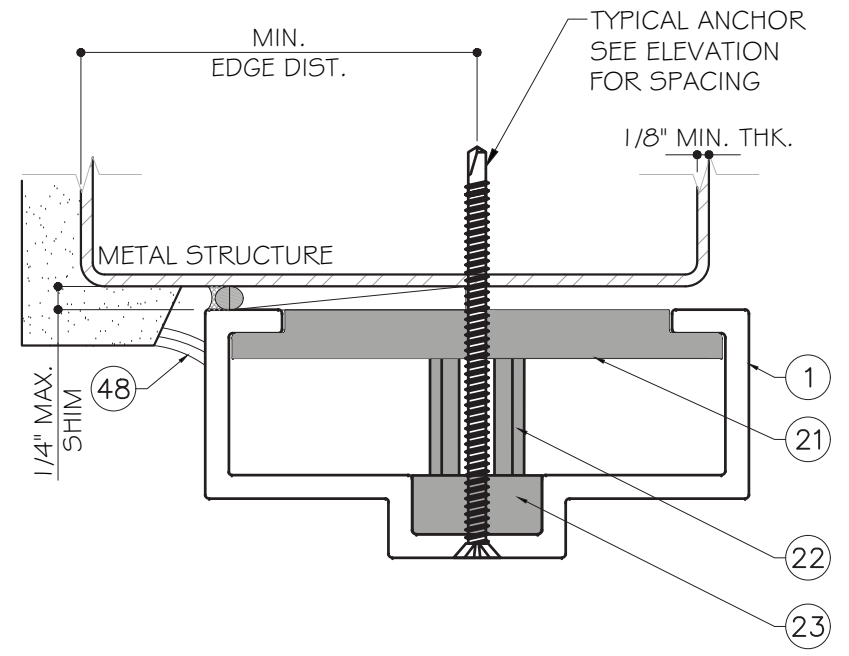
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E1	
DATE	01/16/17
SCALE	AS SHOWN
DRAWN	T.G.
PROJECT	MCY 17-005

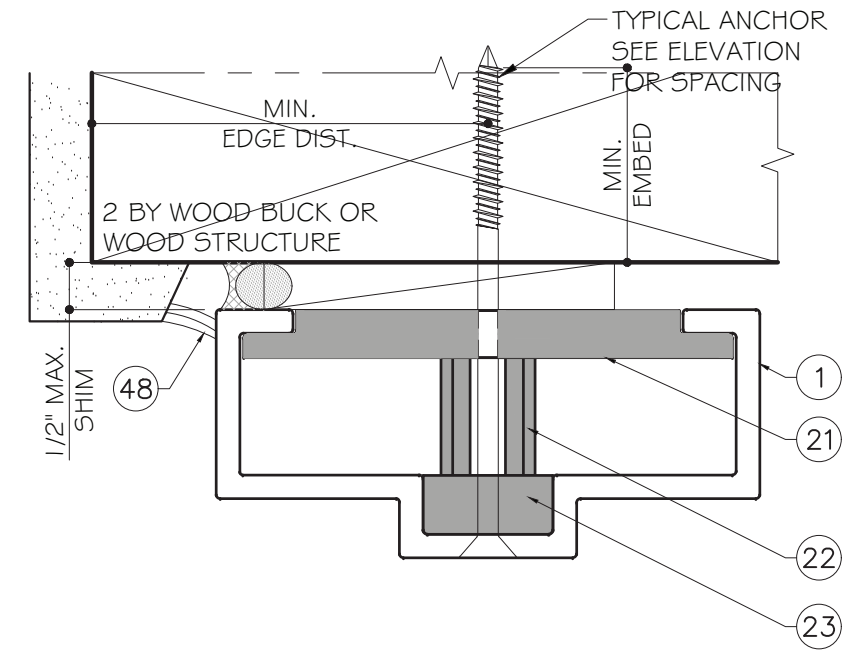
DRAWING NO.  
AD17-04



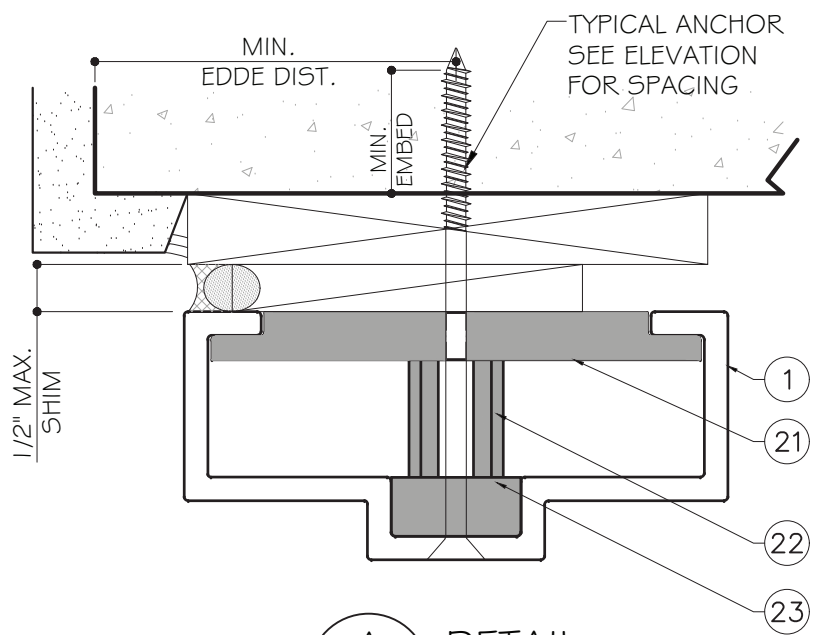
A  
DI  
DETAIL



A  
DI  
DETAIL  
OPTION



A  
DI  
DETAIL  
OPTION



A  
DI  
DETAIL  
OPTION

**TYPICAL ANCHORS:**

(SEE ELEVATIONS FOR SPACING)

TYPE 'A': 1/4" DIA. ITW TAPCON (F<sub>u</sub>=120 KSI, F<sub>y</sub>=92 KSI)  
 1-1/2" MIN. EMBED INTO WOOD STRUCTURE  
 OR THRU 1X OR 2X WOOD BUCK INTO CONCRETE / MASONRY  
 1-1/2" MIN. EMBED INTO CONCRETE / MASONRY

TYPE 'B': 1/4" DIA. ELCO ULTRACON (F<sub>u</sub>=177 KSI, F<sub>y</sub>=155 KSI)  
 1-1/2" MIN. EMBED INTO WOOD STRUCTURE  
 OR THRU 1X OR 2X WOOD BUCK INTO CONCRETE / MASONRY  
 1-1/2" MIN. EMBED INTO CONCRETE / MASONRY

TYPE 'C': #14 SMS OR TEKS SELF DRILLING SCREW (GRADE 5)  
 INTO METAL STRUCTURE

**SUBSTRATE:**

CONCRETE: f'c=3 KSI MIN. (HEAD/SILL OR JAMB)  
 MASONRY: f'c= 2KSI MIN. (JAMB ONLY)  
 WOOD: SG=0.55 MIN. (HEAD/JAMB)  
 STEEL: 1/8" MIN. THK., A36 MIN. (HEAD/JAMB)

**TYPICAL EDGE DISTANCE:**

INTO CONCRETE / MASONRY: 2-1/2" MIN.  
 INTO WOOD: 1" MIN.  
 INTO METAL: 3/4" MIN.

NO.	DATE	DESCRIPTION

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**SPECIAL-LITE, INC.**  
 FIBERGLASS FRAME OUTSWING DOOR WITH SKIN (LMI & SMI)  
 860 SOUTH WILLIAMS STREET  
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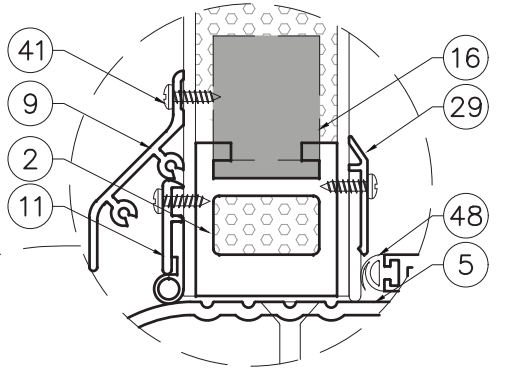
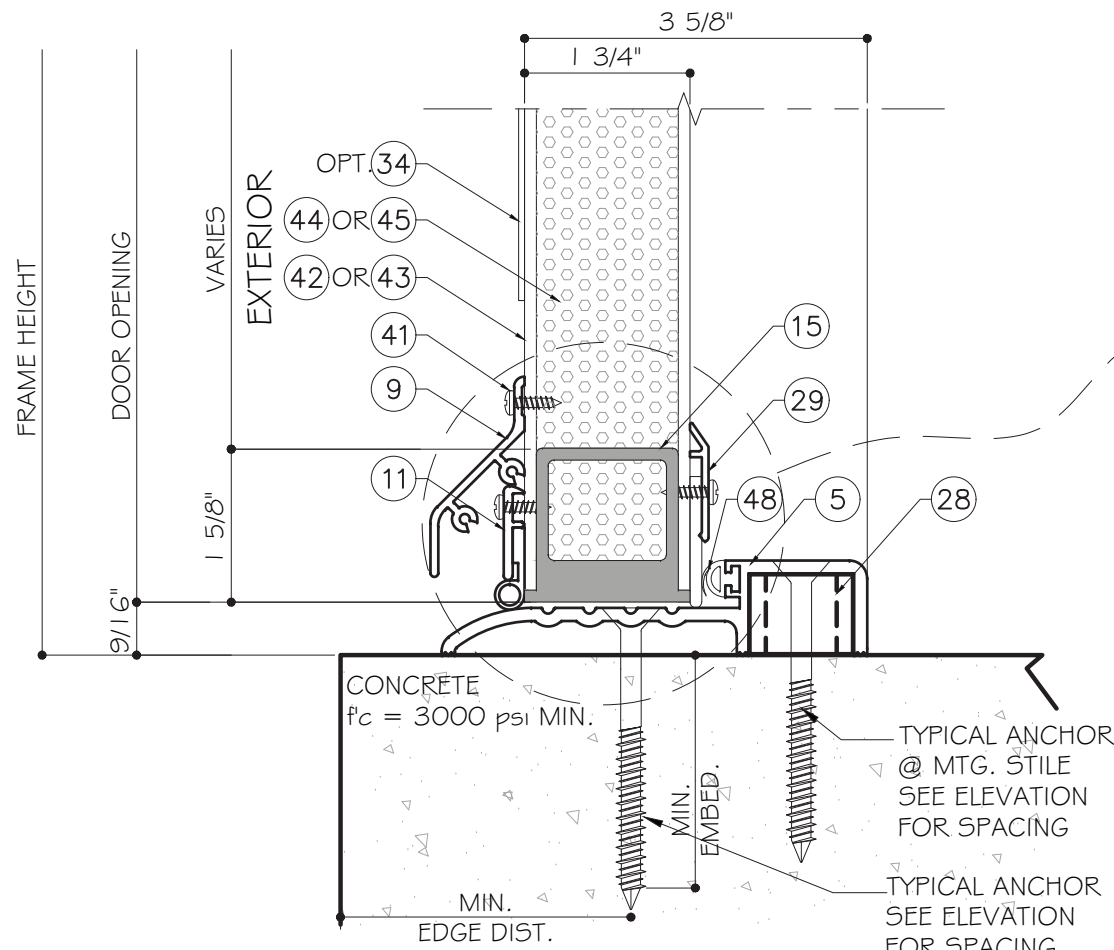
FLORIDA APPROVAL:  
 YIPING WANG, P.E.  
 LICENSE NO. 31050  
 No. 55983  
 STATE OF FLORIDA  
 PROFESSIONAL ENGINEER

DATE	01/16/17
SCALE	AS SHOWN
DRAWN	T.G.
PROJECT	MCY 17-005

DRAWING NO.  
 AD17-04

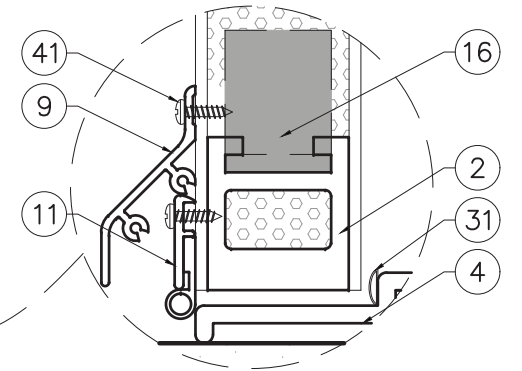
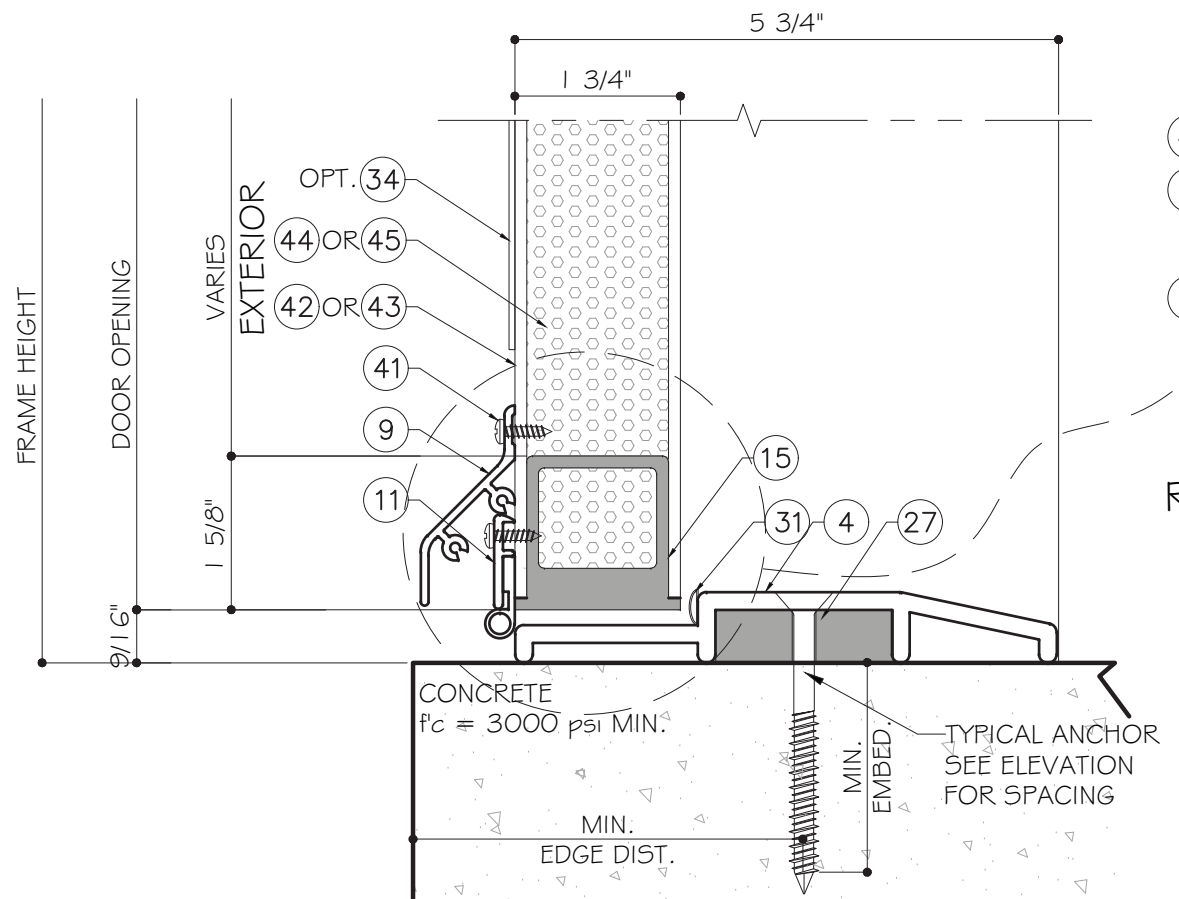
3 OF 10





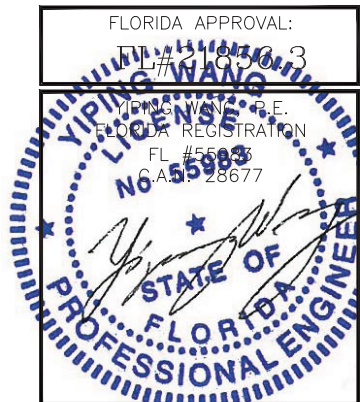
REINFORCEMENT OPTION

F DETAIL  
D2 SILL TYPE 1



REINFORCEMENT OPTION

F DETAIL  
D2 SILL TYPE 2



NO.	DATE	DESCRIPTION

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www.MCYUS.com MCY.Engineering@Att.net

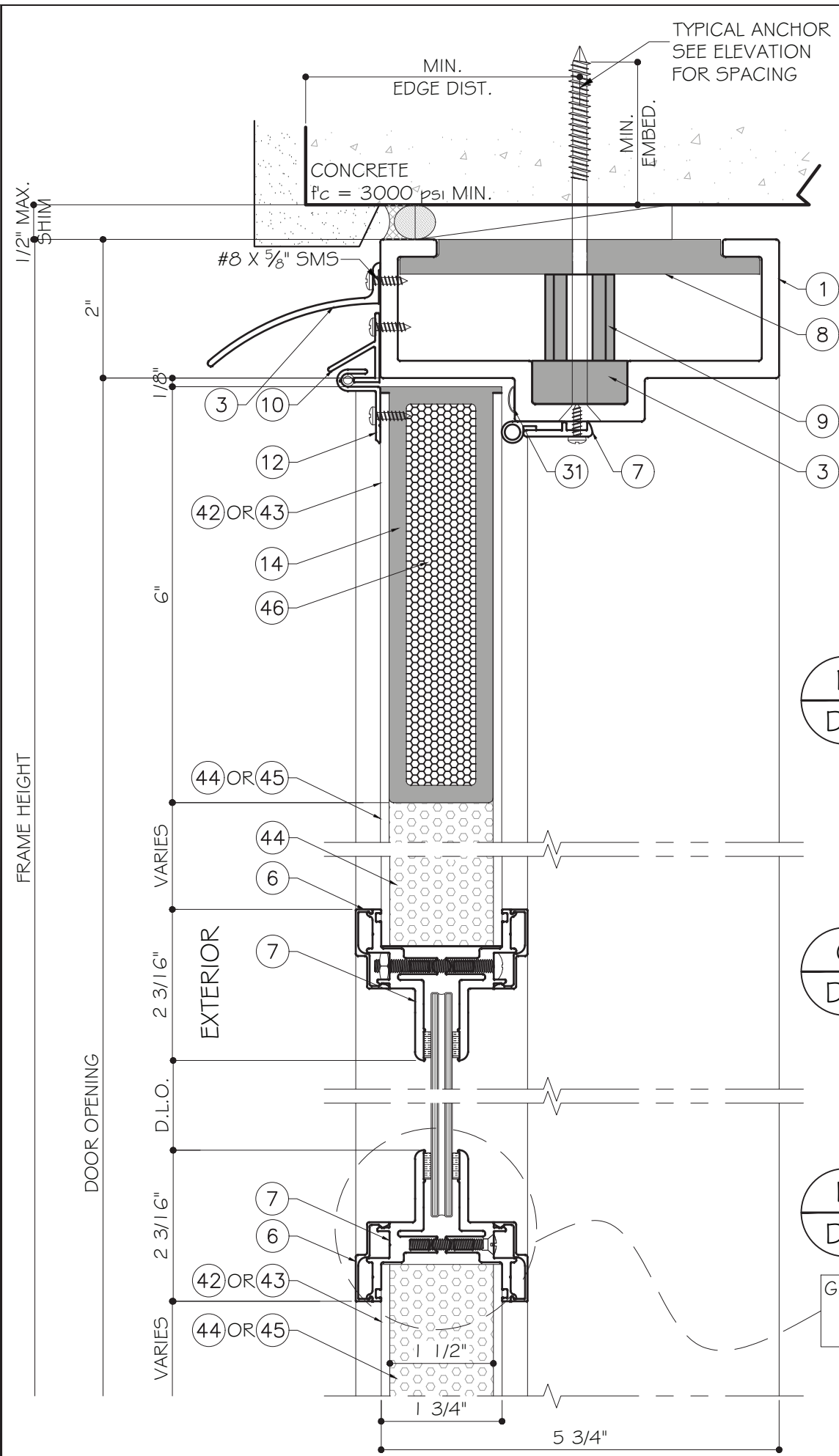
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DATE	01/16/17
SCALE	AS SHOWN
DRAWN	T.G.
PROJECT	MCY 17-005

DRAWING NO.  
AD17-04

4 OF 10



B  
D3  
DETAIL

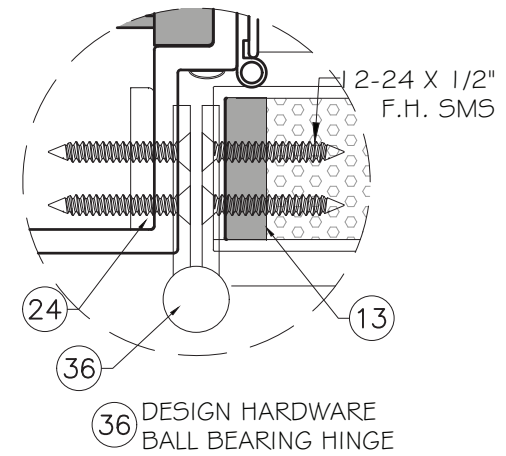
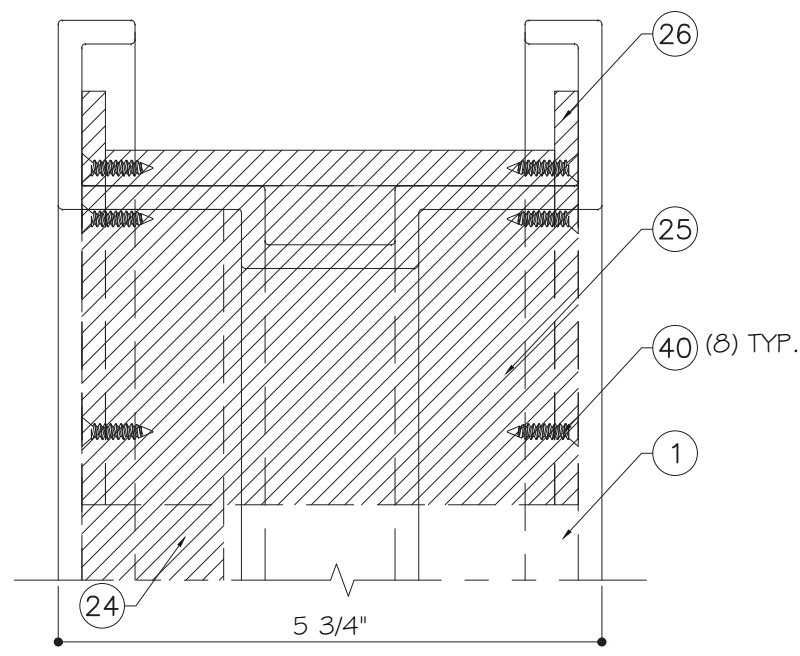
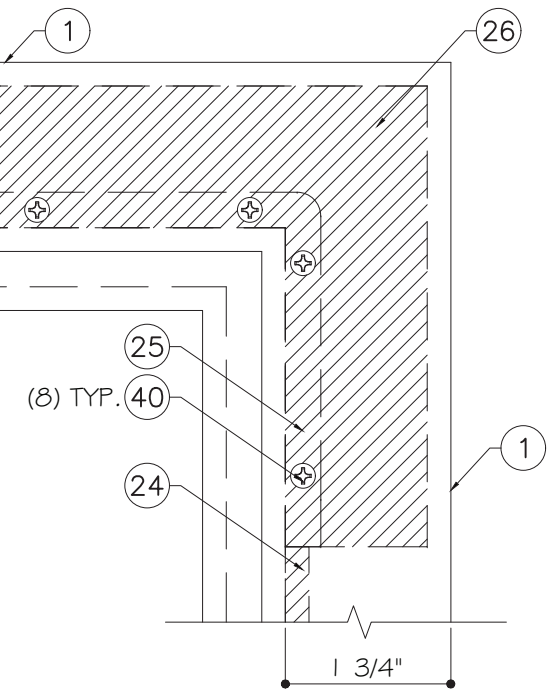
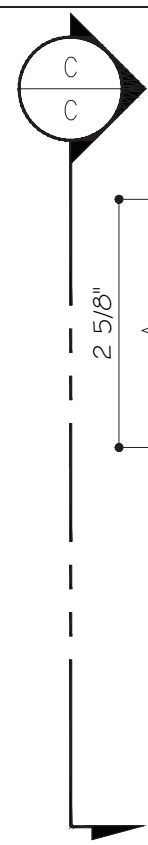
E  
D3  
DETAIL

SECTION C-C

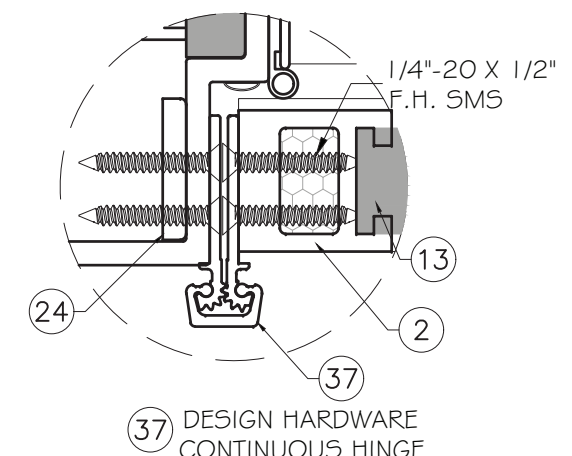
C  
D3  
DETAIL

D  
D3  
DETAIL

GLASS OPTIONS INTERCHANGEABLE.  
SEE COVER SHEET FOR GLAZING  
OPTIONS.



36 DESIGN HARDWARE  
BALL BEARING HINGE



37 DESIGN HARDWARE  
CONTINUOUS HINGE

HINGE OPTIONS

NO.	DATE	DESCRIPTION

**MCY ENGINEERING, INC.**  
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**SPECIAL-LITE, INC.**  
FIBERGLASS FRAME OUTSWING DOOR WITH SKIN (LMI & SMI)

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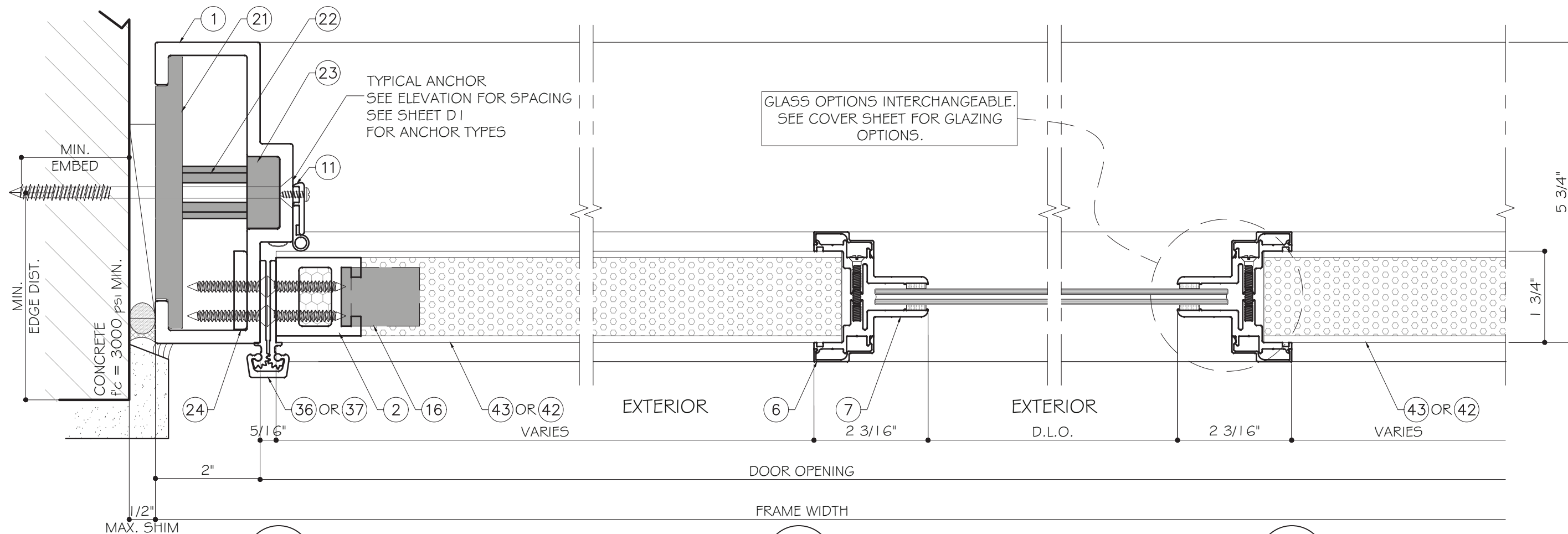


FLORIDA APPROVAL:

YIPING WANG, P.E.  
FLORIDA REGISTRATION  
FL #55983  
C.A. 28677

STATE OF FLORIDA  
PROFESSIONAL ENGINEER

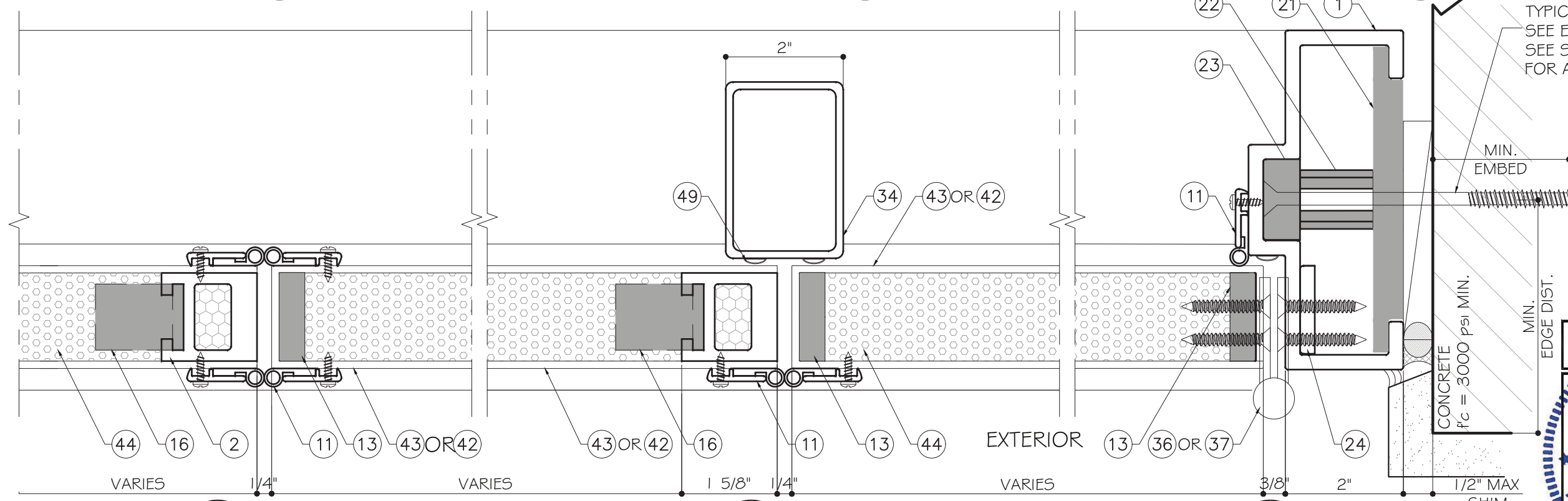
D3	
DATE	01/16/17
SCALE	AS SHOWN
DRAWN	T.G.
PROJECT	MCY 17-005
DRAWING NO. AD17-04	
5 OF 10	



G  
D4  
DETAIL

H  
D4  
DETAIL

I  
D4  
DETAIL



J  
D4  
DETAIL

K  
D4  
DETAIL

L  
D4  
DETAIL

FLORIDA APPROVAL:

YIPING WANG, P.E.  
 LICENSE # 110503  
 FLORIDA REGISTRATION  
 FL #55983  
 C.A.55983

STATE OF FLORIDA  
 PROFESSIONAL ENGINEER

NO.	DATE	DESCRIPTION

**MCY ENGINEERING, INC.**  
 GLAZING CONSULTANTS

8501 SW 124 AVE. STE. 205A P. 305.271.0117  
 MIAMI, FL. 33183 F. 786.573.5063

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 MCY.Engineering@Att.net

**SPECIAL-LITE, INC.**  
 FIBERGLASS FRAME OUTSWING DOOR WITH SKIN (LMI & SMI)

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D4	
DATE	01/16/17
SCALE	AS SHOWN
DRAWN	T.G.
PROJECT	MCY 17-005
DRAWING NO.	AD17-04
6 OF 10	



# HARDWARE:

## DOOR OPTION 1

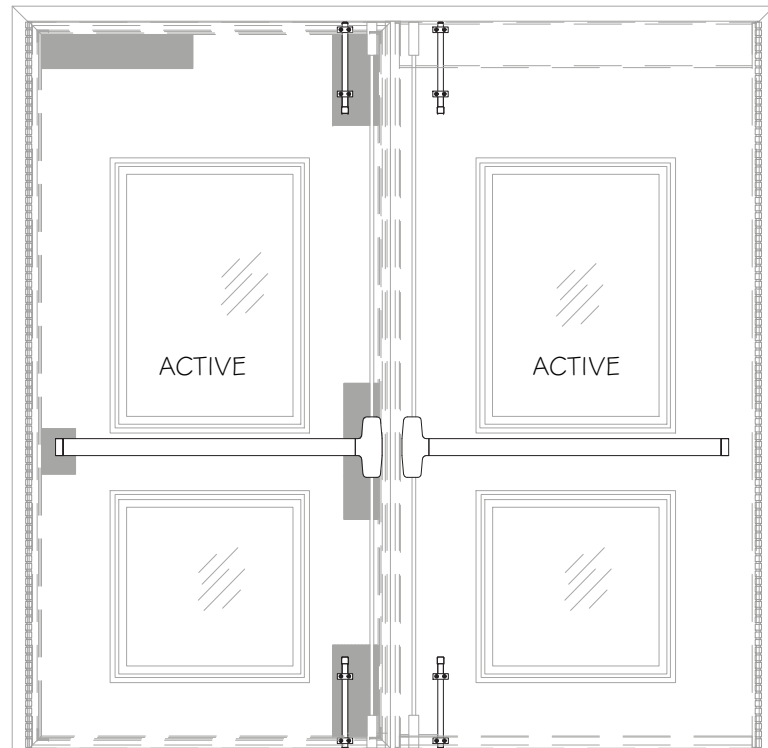
### - LOCK

ACTIVE PANEL: VON DUPRIN 9957 3 POINT LOCK W/ ACTIVATING PANIC DEVICE, VERTICAL RODS AT TOP AND BOTTOM, 39" FROM BOTTOM. FLUSH MOUNT METALLIC STRIKE PLATE @ 40" FROM BOTTOM.

### - SURFACE BOLTS

ACTIVE PANEL: IVES SB360  
 ENGAGEMENT: 1 3/16" AT THRESHOLD AND 9/16" AT HEAD.

- MULLION: VON DUPRIN REMOVABLE MULLION AT MID SPAN ATTACHED TO FRAME HEAD USING A TWO PIECE METALLIC BRACKET W/ (2) 1/2 X 1 - 1/2" FM SMS AND (3) 1/4"-20 X 5/8" PH SMS INTO THE MULLION. FASTENED TO THRESHOLD W/ (2) 1/4" X 4 FH LAG SCREWS.



## DOOR OPTION 2

### - LOCK

LEFT ACTIVE PANEL: DESIGN HARDWARE 2000V 2 POINT LOCK EXIT PANIC DEVICE, WITH VERTICAL RODS AT 39 3/4" FROM BOTTOM.

RIGHT ACTIVE PANEL: DESIGN HARDWARE 1000V 2 POINT LOCK EXIT PANIC DEVICE, WITH VERTICAL RODS AT 39 3/4" FROM BOTTOM.

### - SURFACE BOLTS

ACTIVE PANEL: IVES SB360  
 ENGAGEMENT: 1 3/16" AT THRESHOLD AND 9/16" AT HEAD.



NO	DATE	REVISIONS	DESCRIPTION

**MCY ENGINEERING, INC.**  
 GLAZING CONSULTANTS

8501 SW 124 AVE. STE. 205A P: 305.271.0117  
 MIAMI, FL 33183 F: 786.573.5063  
 www.MCYUS.com MCY.Engineering@Att.net

**SPECIAL-LITE, INC.**  
 FIBERGLASS FRAME OUTSWING DOOR WITH SKIN (LMI & SMI)

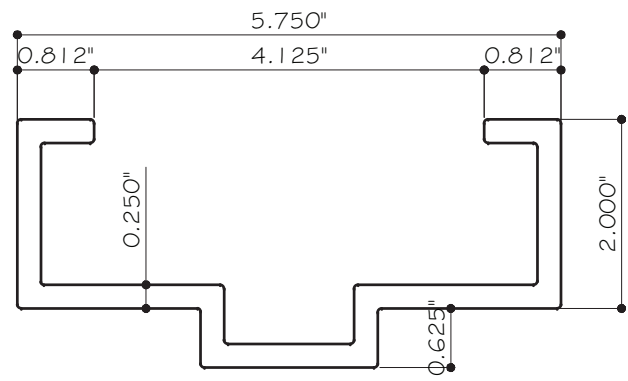
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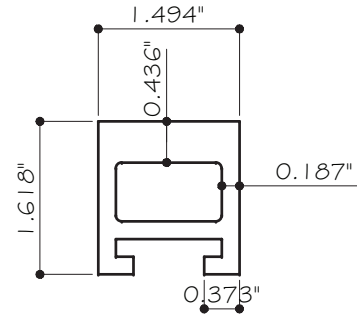
FLORIDA APPROVAL:  
 YIPING WANG, P.E.  
 FLORIDA REGISTRATION  
 FL #55043  
 CA#55983

YIPING WANG  
 LICENSE  
 STATE OF FLORIDA  
 PROFESSIONAL ENGINEER

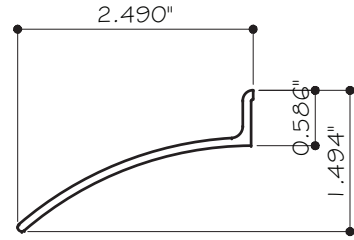
HW1	
DATE	01/16/17
SCALE	AS SHOWN
DRAWN	T.G.
PROJECT	MCY 17-005
DRAWING NO. AD17-04	
7 OF 10	



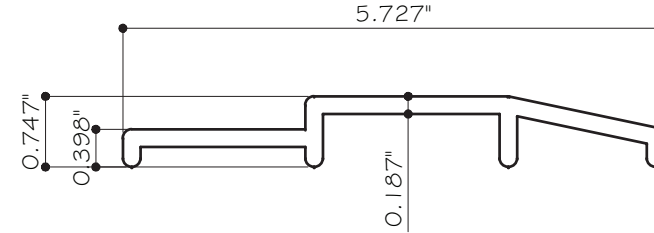
1 FRAME JAMB / HEAD  
AFC-15010 FIBERGLASS



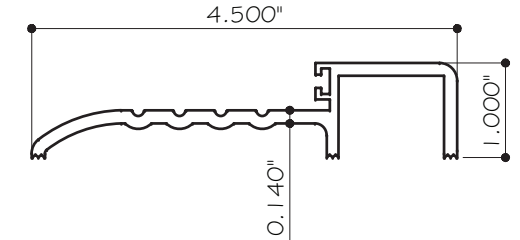
2 SOLID FIBERGLASS STILE  
AFC-2000 FIBERGLASS



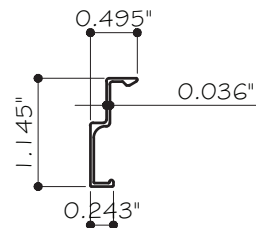
3 142 RAIN DRIP  
ALUM. 6063-T6



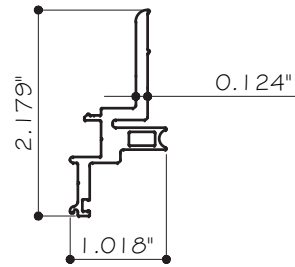
4 STANDARD BUMPER THRESHOLD  
AFC-4010 FIBERGLASS



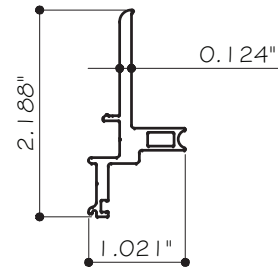
5 561 THRESHOLD  
ALUM. 6063-T6



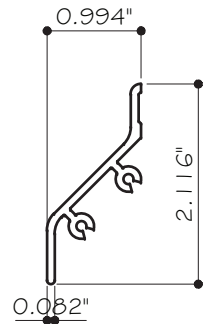
6 70-800 SNAP  
COVER  
ALUM. 6063-T6



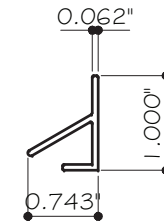
7 70-802 5/16" LITE KIT  
ALUM. 6063-T6



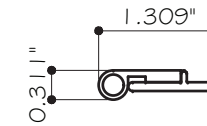
8 70-801 1" LITE KIT  
ALUM. 6063-T6



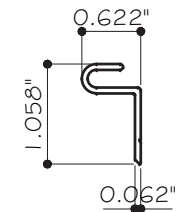
9 141 RAIN DRIP  
ALUM. 6063-T6



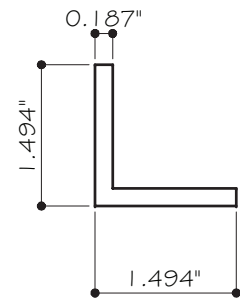
10 124A WATERSHED  
ALUM. 6063-T6



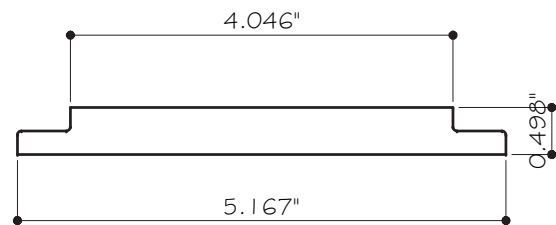
11 328 DOOR SWEEP  
ALUM. 6063-T6



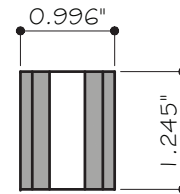
12 123NA WATERSHED  
ALUM. 6063-T6



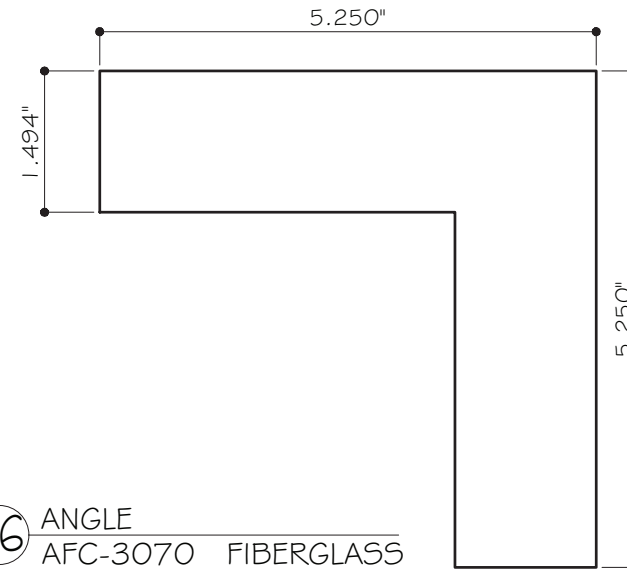
16 AFC-2010 ANGLE  
ALUM. 6063-T6



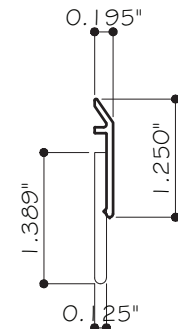
21 FRP ANCHOR BRACKET  
AFC-3000 FIBERGLASS



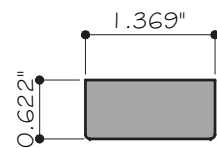
22 FRP ANCHOR BRACKET  
AFC-3010



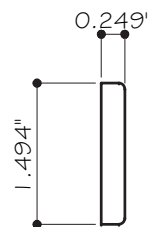
26 ANGLE  
AFC-3070 FIBERGLASS



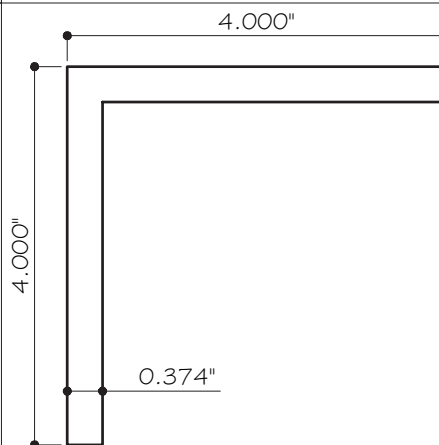
29 39 SURFACE MOUNTED  
DOOR SWEEP  
ALUM. 6063-T6



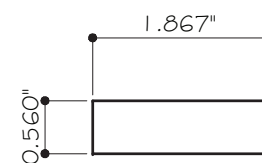
23 FRP ANCHOR BRACKET  
AFC-3020



24 HINGE REINF.  
AFC-3030 FIBERGLASS

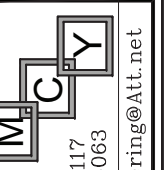


25 ANGLE  
AFC-3060 FIBERGLASS



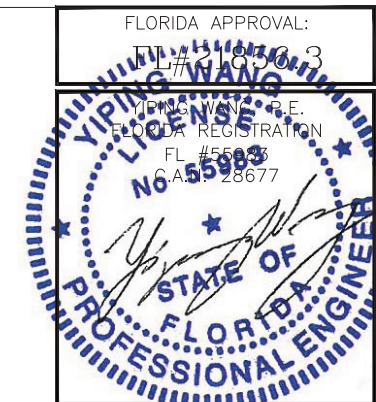
27 BUMPER THRESHOLD  
ANCHOR REINF.  
AFC-4020 FIBERGLASS

NO.	DATE	DESCRIPTION



**MCY ENGINEERING, INC.**  
GLAZING CONSULTANTS  
8501 SW 124 AVE. STE. 205A P: 305.271.0117  
MIAMI, FL 33183 F: 786.573.5063  
www.MCYUS.com MCY.Engineering@Att.net

**SPECIAL-LITE, INC.**  
FIBERGLASS FRAME OUTSWING DOOR WITH SKIN (LMI & SMI)  
860 SOUTH WILLIAMS STREET  
P.O. BOX 6  
DECATUR, MI 49045  
WWW.SPECIAL-LITE.COM



PARTS	
DATE	01/16/17
SCALE	AS SHOWN
DRAWN	T.G.
PROJECT	MCY 17-005
DRAWING NO. AD17-04	
8 OF 10	



# BILL OF MATERIALS

ITEM	PART	DESCRIPTION	MATERIAL	MANUFACTURER / REMARKS
1	AFC-15010	FRAME JAMB / HEAD	FIBERGLASS	SPECIAL-LITE, INC.
2	AFC-2000	SOLID FIBERGLASS STILE	FIBERGLASS	SPECIAL-LITE, INC.
3	142	ZERO INTERNATIONAL RAIN DRIP	ALUM. 6063-T6	ZERO INTERNATIONAL
4	AFC-4010	STANDARD BUMPER THRESHOLD	FIBERGLASS	SPECIAL-LITE, INC.
5	561	RABBETED THRESHOLD	ALUM. 6063-T6	ZERO INTERNATIONAL
6	70-800	SPECIAL-LITE LITE KIT SNAP COVER	ALUM. 6063-T6	SPECIAL-LITE, INC.
7	70-802	SPECIAL-LITE 5/16" LITE KIT	ALUM. 6063-T6	SPECIAL-LITE, INC.
8	70-801	SPECIAL-LITE 1" LITE KIT	ALUM. 6063-T6	SPECIAL-LITE, INC.
9	141	RAIN DRIP	ALUM. 6063-T6	ZERO INTERNATIONAL
10	124A	NATIONAL GUARD INTERLOCKING WATER SHED	ALUM. 6063-T6	NATIONAL GUARD, ATTACHED W/ #6 X 3/4" SMS
11	328	ZERO INTERNATIONAL SURFACE APPLIED DOOR SWEEP	ALUM. W/ SOLID NEOPRENE	ZERO INTERNATIONAL, ATTACHED W/ #6 X 1/2" SMS
12	123NA	NATIONAL GUARD INTERLOCKING WATER SHED	ALUM. 6063-T6	NATIONAL GUARD, ATTACHED W/ #6 X 3/4" SMS
13	AFC-1000	PULTRUDED DOOR STILE	FIBERGLASS	SPECIAL-LITE, INC.
14	AFC-1010	PULTRUDED CLOSER REINFORCEMENT	FIBERGLASS	SPECIAL-LITE, INC.
15	AFC-1020	PULTRUDED FLUSH BOTTOM RAIL	FIBERGLASS	SPECIAL-LITE, INC.
16	AFC-2010	1-1/2" X 1-1/2" X 0.187" THK. ANGLE	FIBERGLASS	SPECIAL-LITE, INC.
17	AFC-2020	FIBERGLASS TUBE REINFORCEMENT	FIBERGLASS	SPECIAL-LITE, INC.
18	AFC-2050	FIBERGLASS TUBE REINFORCEMENT	FIBERGLASS	SPECIAL-LITE, INC.
19	AFC-2090	FIBERGLASS TUBE REINFORCEMENT	FIBERGLASS	SPECIAL-LITE, INC.
20	AFC-2100	6" X 12" SURFACE BOLT REINFORCEMENT	20 LB URETHANE FOAM	SPECIAL-LITE, INC.
21	AFC-3000	FRP ANCHOR BRACKET	FIBERGLASS	SPECIAL-LITE, INC.
22	AFC-3010	FRP ANCHOR BRACKET	FIBERGLASS	SPECIAL-LITE, INC.
23	AFC-3020	FRP ANCHOR BRACKET	FIBERGLASS	SPECIAL-LITE, INC.
24	AFC-3030	1-3/8" X 8" LG. X 1/4" THK. HINGE REINF.	FIBERGLASS	SPECIAL-LITE, INC.
25	AFC-3060	ANGLE	FIBERGLASS	SPECIAL-LITE, INC.
26	AFC-3070	1-1/2" X 5-1/4" X 5-1/4" X 1/4" THK. FRP REINFORCEMENT ANGLE	FIBERGLASS	SPECIAL-LITE, INC.
27	AFC-4020	FIBERGLASS BUMPER THRESHOLD ANCHOR REINF.	FIBERGLASS	SPECIAL-LITE, INC.
28	PT-8003	1" X 0.855" X 16" LG. ALUM. BAR REINF.	ALUM. 6061	SPECIAL-LITE, INC. ATTACHED W/ (4) 1/4" X 5" FH WOOD SCREW
29	39	ZERO INTERNATIONAL SURFACE APPLIED DOOR SWEEP	ALUM. W/ SOLID NEOPRENE	ZERO INTERNATIONAL, ATTACHED W/ #6 X 1/2" SMS
30	9954KRM	VON DUPRIN REMOVABLE MULLION, 3" X 2" X 1/8" THK, 94-1116" LG.	STEEL	VON DUPRIN
31	XI153BTSINGLE	TRIM-LOK SELF ADHESIVE BULB SEAL	EPDM SPONGE	TRIM-LOK
32	9957	VON DUPRIN 3 POINT EXIT DEVICE @ 39" FROM BOTTOM	-	VON DUPRIN
33	5B-360	IVES SURFACE BOLTS @ 6" FROM EACH END	STEEL	IVES
34	-	0.0625" 55 ARMOR PLATE	ST/ST	SPECIAL-LITE, INC.
35	2000V	DESIGN HARDWARE 2 POINT EXIT DEVICE	ST/ST	DESIGN HARDWARE, @ 39 3/4" FROM BOTTOM
36	BB5	BALL BEARING HINGES @ 7 1/2", 34 1/2", 62" AND 88 3/4" FROM BOTTOM.	STEEL	DESIGN HARDWARE
37	FM95HD	CONTINUOUS HINGE	ALUM.	DESIGN HARDWARE
38	SC-17	#8 X 1-1/4" OH SMS	-	-

NO	DATE	DESCRIPTION

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FIBERGLASS FRAME OUTSWING DOOR WITH SKIN (LMI & SMI)

SPECIAL-LITE, INC.  
860 SOUTH WILLIAMS STREET  
P.O. BOX 6  
DECATUR, MI 49045  
WWW.SPECIAL-LITE.COM



FLORIDA APPROVAL:

YIPING WANG, P.E.  
FLORIDA REGISTRATION  
FL #55983  
CA#55983

STATE OF FLORIDA  
PROFESSIONAL ENGINEER

BOM	
DATE	01/16/17
SCALE	AS SHOWN
DRAWN	T.G.
PROJECT	MCY 17-005
DRAWING NO.	
AD17-04	
9 OF 10	

# BILL OF MATERIALS (CONT.)

ITEM	PART	DESCRIPTION	MATERIAL	MANUFACTURER / REMARKS
39	SC-109	#12 X 1-1/2" PHILLIPS FH SMS	STEEL	-
40	-	#8 X 3/4" SMS	STEEL	-
41	-	#8 X 5/8" SMS	STEEL	-
42	-	0.120" SANDSTONE FRP	FRP	CRANE COMPOSITES
43	-	PULTRUDED FIBERGLASS SHEET	PULTRUDED FIBERGLASS	SPECIAL-LITE, INC.
44	-	6 LB URETHANE FOAM SHEET	URETHANE FOAM	DYPLAST
45	-	POLYPROPYLENE HONEYCOMB CORE	POLYPROPYLENE	AIR-COMB OR PLASCORE
46	-	PET FOAM	FOAM	BALTEC
47	-	NEOPRENE GASKET	NEOPRENE	ZERO INTERNATIONAL
48	-	DC995 SILICONE	SILICONE	DOW CORNING
49	-	3/16" X 3/8" FOAM GLAZING TAPE	FOAM	NORSEAL
50	-	SPACER	ALUM.	ALLMETAL INC.
51	-	1/8" SETTING BLOCK	EPDM RUBBER	ZATKOFF SEALS AND PACKING
52	-	1/4" SETTING BLOCK	EPDM RUBBER	GLAZING RUBBER PRODUCTS
53	1000V	DESIGN HARDWARE 2 POINT LOCK EXIT DEVICE	ST/ST	DESIGN HARDWARE @ 39 3/4" FROM BOTTOM

NO	DATE	REVISIONS DESCRIPTION

**MCY**

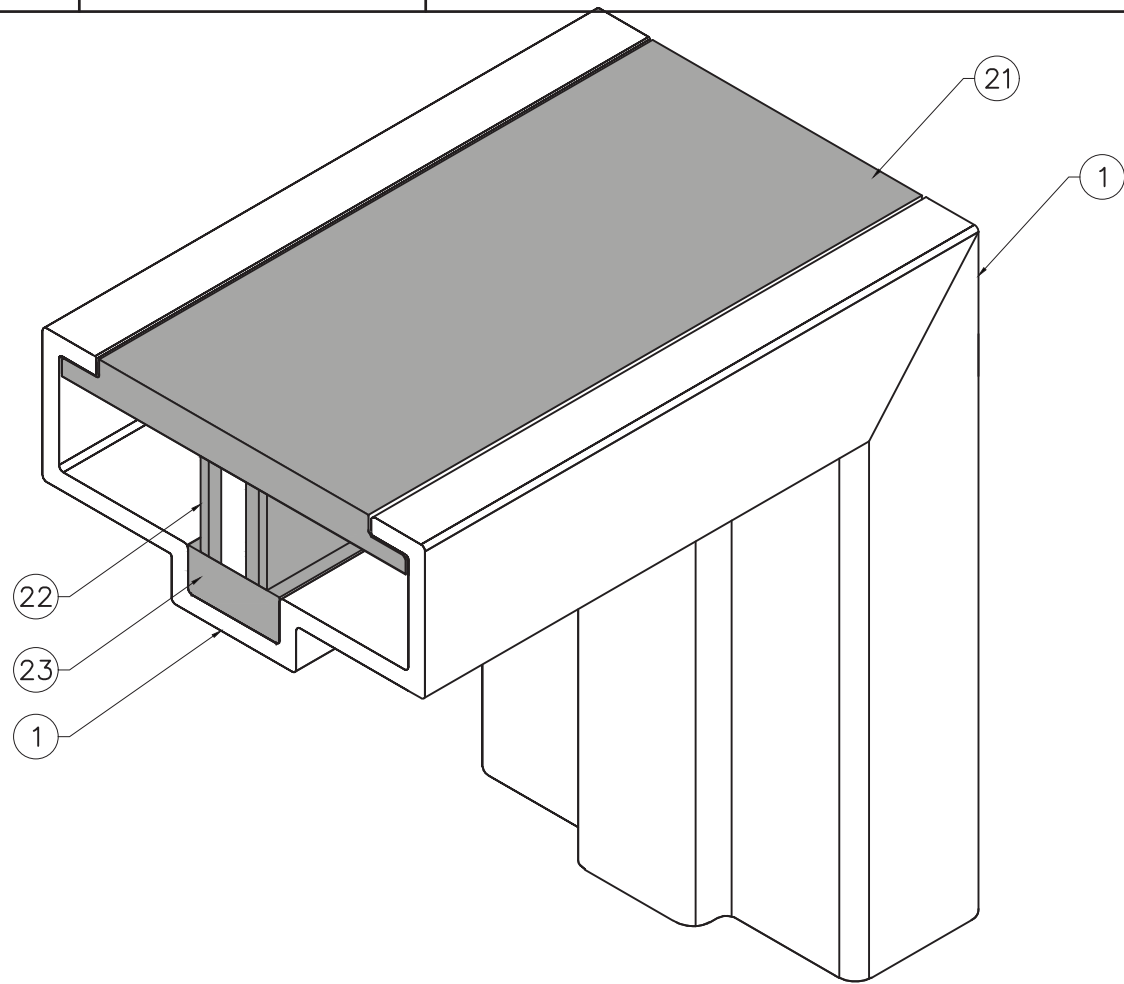
**MCY ENGINEERING, INC.**  
GLAZING CONSULTANTS

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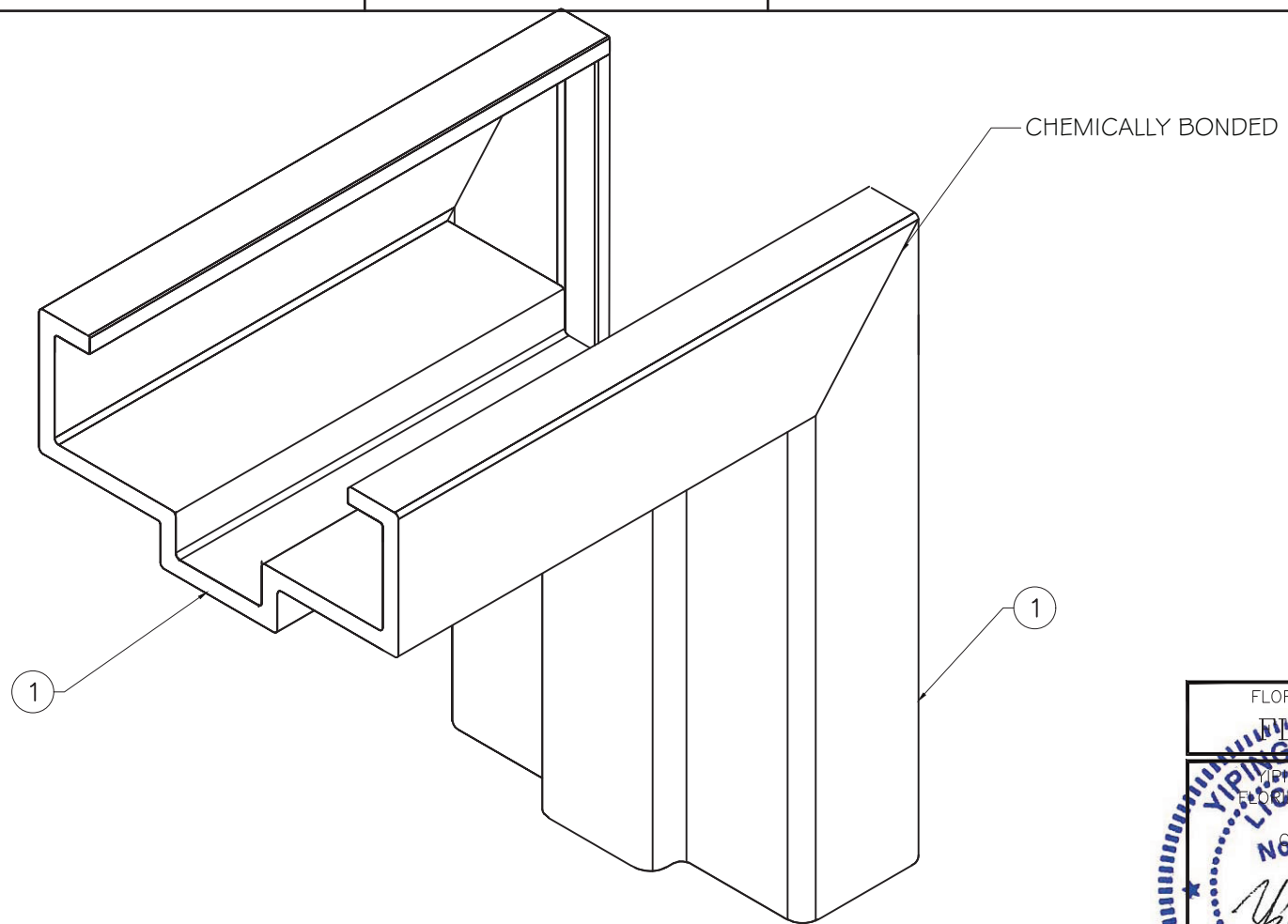
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*Doors with more life*



REINFORCEMENT AT HEAD/JAMB



CORNER CONNECTION DETAIL

FLORIDA APPROVAL:  
FL # 21050  
YIPING WANG, P.E.  
FLOOR REGISTRATION  
FL #55043  
C.A.55983

YIPING WANG  
LICENSED PROFESSIONAL ENGINEER  
STATE OF FLORIDA

**BOM**

DATE	01/16/17
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10 OF 10