



DEPARTMENT OF REGULATORY AND ECONOMIC RESOURCES (RER)
BOARD AND CODE ADMINISTRATION DIVISION

NOTICE OF ACCEPTANCE (NOA)

MIAMI-DADE COUNTY
PRODUCT CONTROL SECTION

11805 SW 26 Street, Room 208
Miami, Florida 33175-2474
T (786) 315-2590 F (786) 315-2599

www.miamidade.gov/building

Shanghai Superhouse Building Material Co., Ltd.
No. 8666 Hunan Hwy. Rd. Unit 10, Level 5
Pudong New Area, Shanghai, China 201314

SCOPE:

This NOA is being issued under the applicable rules and regulations governing the use of construction materials. The documentation submitted has been reviewed and accepted by Miami-Dade County RER - Product Control Section to be used in Miami Dade County and other areas where allowed by the Authority Having Jurisdiction (AHJ).

This NOA shall not be valid after the expiration date stated below. The Miami-Dade County Product Control Section (In Miami Dade County) and/or the AHJ (in areas other than Miami Dade County) reserve the right to have this product or material tested for quality assurance purposes. If this product or material fails to perform in the accepted manner, the manufacturer will incur the expense of such testing and the AHJ may immediately revoke, modify, or suspend the use of such product or material within their jurisdiction. RER reserves the right to revoke this acceptance if it is determined by Miami-Dade County Product Control Section that this product or material fails to meet the requirements of the applicable building code.

This product is approved as described herein and has been designed to comply with the Florida Building Code, including the High Velocity Hurricane Zone.

DESCRIPTION: Series "SP60" Outswing Aluminum Casement Window – L.M.I.

APPROVAL DOCUMENT: Drawing No. **AD21-40**, titled "SP60 Casement Window – L.M.I.", sheets 1 through 8 of 8, dated 11/25/21, with revision #1 dated 10/12/21, prepared by MCY Engineering, Inc., signed and sealed by Yiping Wang, P.E., bearing the Miami-Dade County Product Control Approval stamp with the Notice of Acceptance number and approval date by the Miami-Dade County Product Control Section.

MISSILE IMPACT RATING: Large and Small Missile Impact Resistant

LABELING: Each unit shall bear a permanent label with the manufacturer's name or logo, city, state, model/series, and following statement: "Miami-Dade County Product Control Approved", unless otherwise noted herein.

RENEWAL of this NOA shall be considered after a renewal application has been filed and there has been no change in the applicable building code negatively affecting the performance of this product.

TERMINATION of this NOA will occur after the expiration date or if there has been a revision or change in the materials, use, and/or manufacture of the product or process. Misuse of this NOA as an endorsement of any product, for sales, advertising or any other purposes shall automatically terminate this NOA. Failure to comply with any section of this NOA shall be cause for termination and removal of NOA.

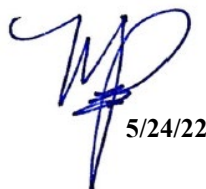
ADVERTISEMENT: The NOA number preceded by the words Miami-Dade County, Florida, and followed by the expiration date may be displayed in advertising literature. If any portion of the NOA is displayed, then it shall be done in its entirety.

INSPECTION: A copy of this entire NOA shall be provided to the user by the manufacturer or its distributors and shall be available for inspection at the job site at the request of the Building Official.

This NOA consists of this page 1 and evidence pages E-1 and E-2, as well as approval document mentioned above.

The submitted documentation was reviewed by **Manuel Perez, P.E.**




5/24/22

NOA No. 22-0125.02
Expiration Date: June 02, 2027
Approval Date: June 02, 2022
Page 1

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

A. DRAWINGS

1. Manufacturer's die drawings and sections.
2. Drawing No. **AD21-40**, titled "SP60 Casement Window – L.M.I.", sheets 1 through 8 of 8, dated 11/25/21, with revision #1 dated 10/12/21, prepared by MCY Engineering, Inc., signed and sealed by Yiping Wang, P.E.

B. TESTS

1. Test reports on: 1) Air Infiltration Test, per FBC, TAS 202-94
2) Uniform Static Air Pressure Test, Loading per FBC TAS 202-94
3) Water Resistance Test, per FBC, TAS 202-94
4) Large Missile Impact Test per FBC, TAS 201-94
5) Cyclic Wind Pressure Loading per FBC, TAS 203-94
6) Forced Entry Test, per FBC 2411 3.2.1, TAS 202-94
along with marked-up drawings and installation diagram of specimen #21 aluminum fixed, awning and outswing casement windows mulled together; specimen #22, aluminum awning and outswing casement windows mulled together, and specimen #23 aluminum fixed and awning windows mulled together, prepared by Intertek Testing Services Shenzhen Ltd. Shanghai Fengxian Branch, Test Report No. **Intertek-210716005SHF-002-R1**, dated 12/21/21 and revised on 05/04/22, signed and sealed by Vinu Abraham, P.E.

C. CALCULATIONS


1. Anchor verification calculations and structural analysis, complying with **FBC 7th Edition (2020)**, dated 01/13/22, prepared by MCY Engineering, Inc., signed and sealed by Yiping Wang, P.E.
2. Glazing complies with **ASTM E1300-09**

D. QUALITY ASSURANCE

1. Miami-Dade Department of Regulatory and Economic Resources (RER)

E. MATERIAL CERTIFICATIONS

1. Notice of Acceptance No. **20-0915.22** issued to **Kuraray America, Inc.** for their "Trosifol® Ultraclear, Clear and Color PVB Glass Interlayers" dated 11/19/20, expiring on 07/08/24.


Manuel Pérez, P.E.
Product Control Examiner
NOA No. 22-0125.02
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Shanghai Superhouse Building Material Co., Ltd.


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F. STATEMENTS

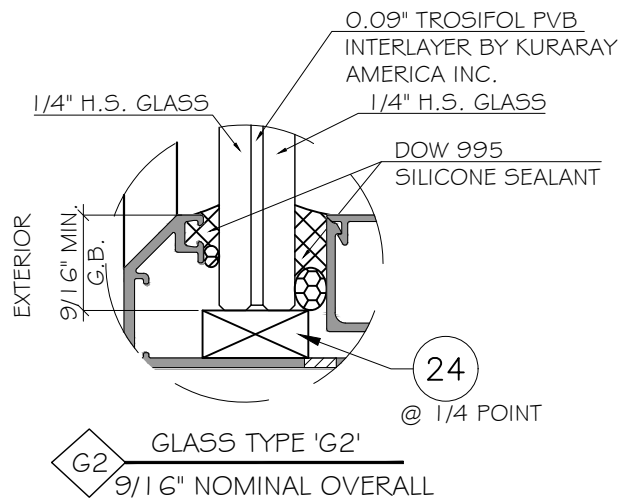
1. Statement letter of conformance, complying with **FBC 7th Edition (2020)**, dated January 13, 2022, issued by MCY Engineering, Inc., signed and sealed by Yiping Wang, P.E.
2. Statement letter of no financial interest, dated January 13, 2022, issued by MCY Engineering, Inc., signed and sealed by Yiping Wang, P.E.
3. Distributor Agreement between Shanghai Superhouse Building Material Co. Ltd., Shanghai, China and CasaNoah Design Group, LLC, Panama City Beach, Florida USA, dated 01/13/22, signed by Lilian Li and Bin Lin, respectively.

G. OTHERS

1. None.


Manuel Pérez, P.E.
Product Control Examiner
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SHANGHAI SUPERHOUSE BUILDING MATERIAL CO., LTD
SP60 CASEMENT WINDOW LARGE MISSILE IMPACT



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

GENERAL NOTES:

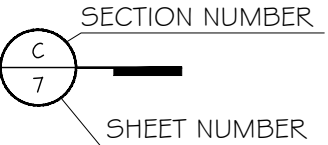
- THIS PRODUCT HAS BEEN DESIGNED AND TESTED TO COMPLY WITH THE REQUIREMENTS OF THE 7TH EDITION OF FLORIDA BUILDING CODE 2020 INCLUDING HIGH VELOCITY HURRICANE ZONE (HVHZ).
- WINDOWS ARE RATED FOR LARGE MISSILE IMPACT. IMPACT SHUTTERS ARE NOT REQUIRED.
- THESE WINDOWS ARE APPROVED FOR AIR AND WATER INFILTRATION.
- 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 7TH EDITION OF FLORIDA BUILDING CODE 2020 SECTION AS APPLICABLE.
- METAL STRUCTURES BY OTHERS 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 7-16, 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.
- SEALANT:
ALL FRAME CORNERS, JOINTS, MULLION SEAMS AND PERIMETER GLAZING BEAD TO FRAME INSTALLATION FASTENERS SEALED WITH SILICONE SEALANT.

USE CHARTS AS FOLLOWS.

- STEP 1: DETERMINE DESIGN WIND LOAD REQUIREMENTS BASED ON WIND VELOCITY, BLDG. HEIGHT, WIND ZONE USING APPLICABLE ASCE 7-16 STANDARD OR WIND TUNNEL REPORTS.
- STEP 2: SEE SHEET E1 FOR APPROVED TYPICAL ELEVATION & CONFIGURATION.
- STEP 3: ANCHOR OPTION SEE SHEET D1. ANCHOR LAYOUT SEE SHEET E1.
- STEP 4: THE LOWEST VALUE RESULTING FROM STEPS 2 & 3 THAT EXCEED THE DESIGN WIND PRESSURES DETERMINED THRU STEP 1 SHALL APPLY TO ENTIRE SYSTEM.

ABBREVIATIONS AND SYMBOLS

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



PRODUCT CONTROL APPROVAL:

PRODUCT APPROVED
as complying with the Florida
Building Code
NOA-No. **22-0125.02**
Approval Date: **06/02/2022**
By: *Manuel Perez*
Miami-Dade Product Control

YONG WANG, P.E.
FLORIDA REGISTRATION
FL #55983
CA #528677

January 17, 2022

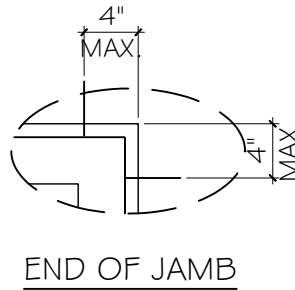
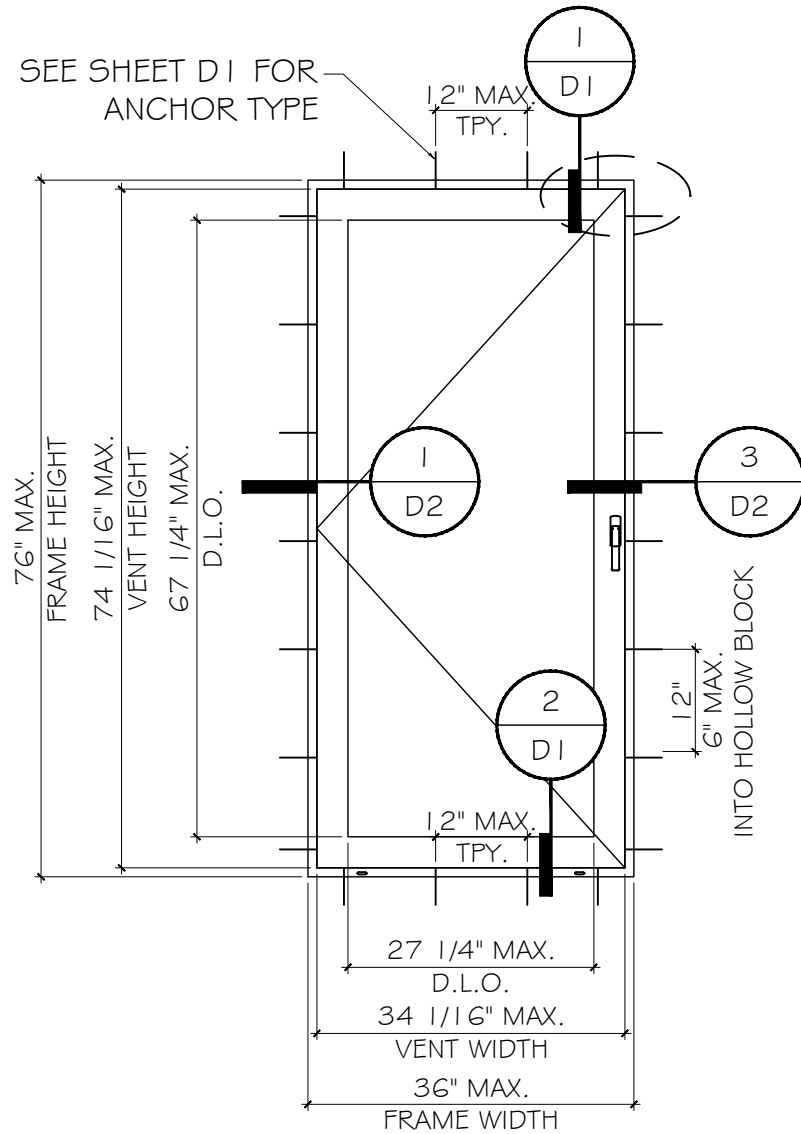
MCY ENGINEERING, INC.
GLAZING CONSULTANTS
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MIRAMAR, FL 33027
P: 305.271.0117
www.MCYEngineering.com mcy@mcyengineering.com

M C Y

SP60 CASEMENT WINDOW - L.M.I.

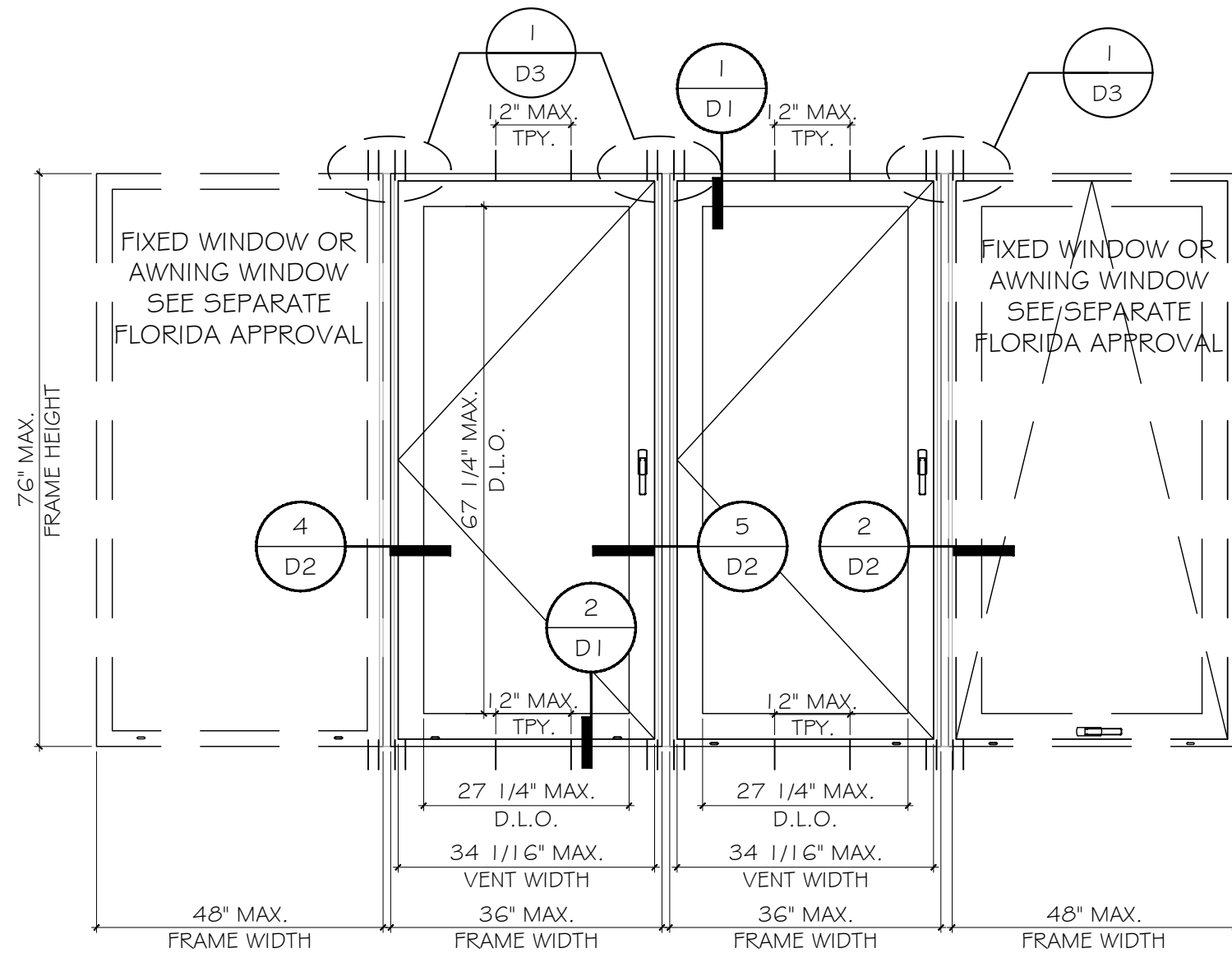
SHANGHAI SUPERHOUSE BUILDING MATERIAL CO., LTD
LEVEL 5, BUILDING 10, NO.8666 HUNAN RD, PUDONG NEW AREA
SHANG HAI, CHINA
TEL.86 021-5822 0630 CELL.86 135-8572-3609

Rev. No.	Date	Drawn By	Description
1.	10.12.2021	JAMES	NEW NOA
Drawn Date	11/25/2021	Scale	
DRAWING NO.	AD21-40		
COVER			
Sheet No.	1 OF 8		



TYPICAL EXTERIOR ELEVATION

DESIGN LOAD
FOR SIZE SHOWN ABOVE OR SMALLER AS PERMITTED BY FBC
+60 PSF -60 PSF



TYPICAL EXTERIOR ELEVATION

DESIGN LOAD
FOR SIZE SHOWN ABOVE OR SMALLER AS PERMITTED BY FBC
+60 PSF -60 PSF

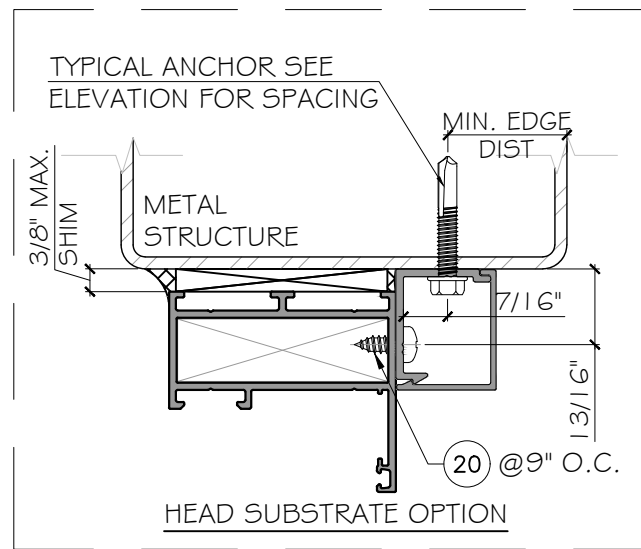
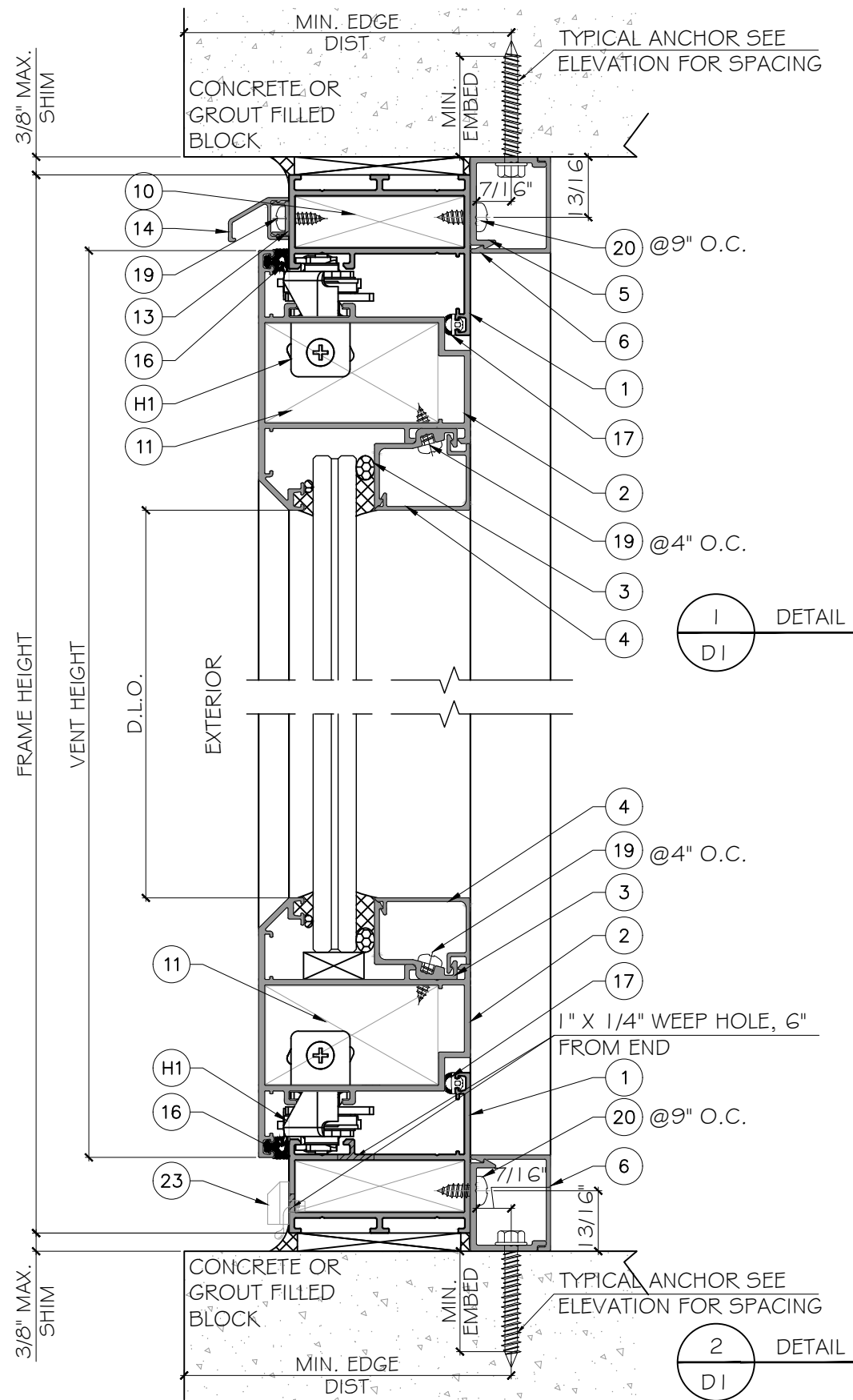
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DRAWING NO.	AD21-40		
Sheet No.	2 OF 8		



NOTE:
METAL STRUCTURE BY OTHERS MUST BE DESIGNED
AND ANCHORED PROPERLY TO SUSTAIN LOADS
IMPOSED BY GLAZING SYSTEM AND TRANSFER THEM
TO THE BUILDING STRUCTURE.

ANCHOR TYPES: (SEE ELEVATIONS FOR SPACING)

TYPE 'A' -- 1/4" DIA. ULTRACON+ BY 'DEWALT' ($F_u = 164 \text{ KSI}$, $F_y = 148 \text{ KSI}$)
DIRECTLY INTO CONCRETE OR BLOCKS
1 3/4" MIN. EMBED INTO CONCRETE (HEAD/ SILL/ JAMB)
1 3/4" MIN. EMBED INTO HOLLOW OR GROUT FILLED BLOCKS (JAMB ONLY)

TYPE 'B' -- 1/4" DIA. SS SCREW ($F_u = 100 \text{ KSI}$, $F_y = 65 \text{ KSI}$)
OR 1/4" TEKs (GRADE 5) ($F_u = 120 \text{ KSI}$, $F_y = 92 \text{ KSI}$)
INTO FBC APPROVED MULLIONS (1/8" THK. MIN.)
OR INTO METAL STRUCTURES, STEEL: 1/8" THK. MIN. (A36 MIN.)
(3) THREADS MIN. TO EXTEND BEYOND METAL THICKNESS
(STEEL IN CONTACT WITH ALUMINUM TO BE PLATED OR PAINTED)

TYPICAL EDGE DISTANCE

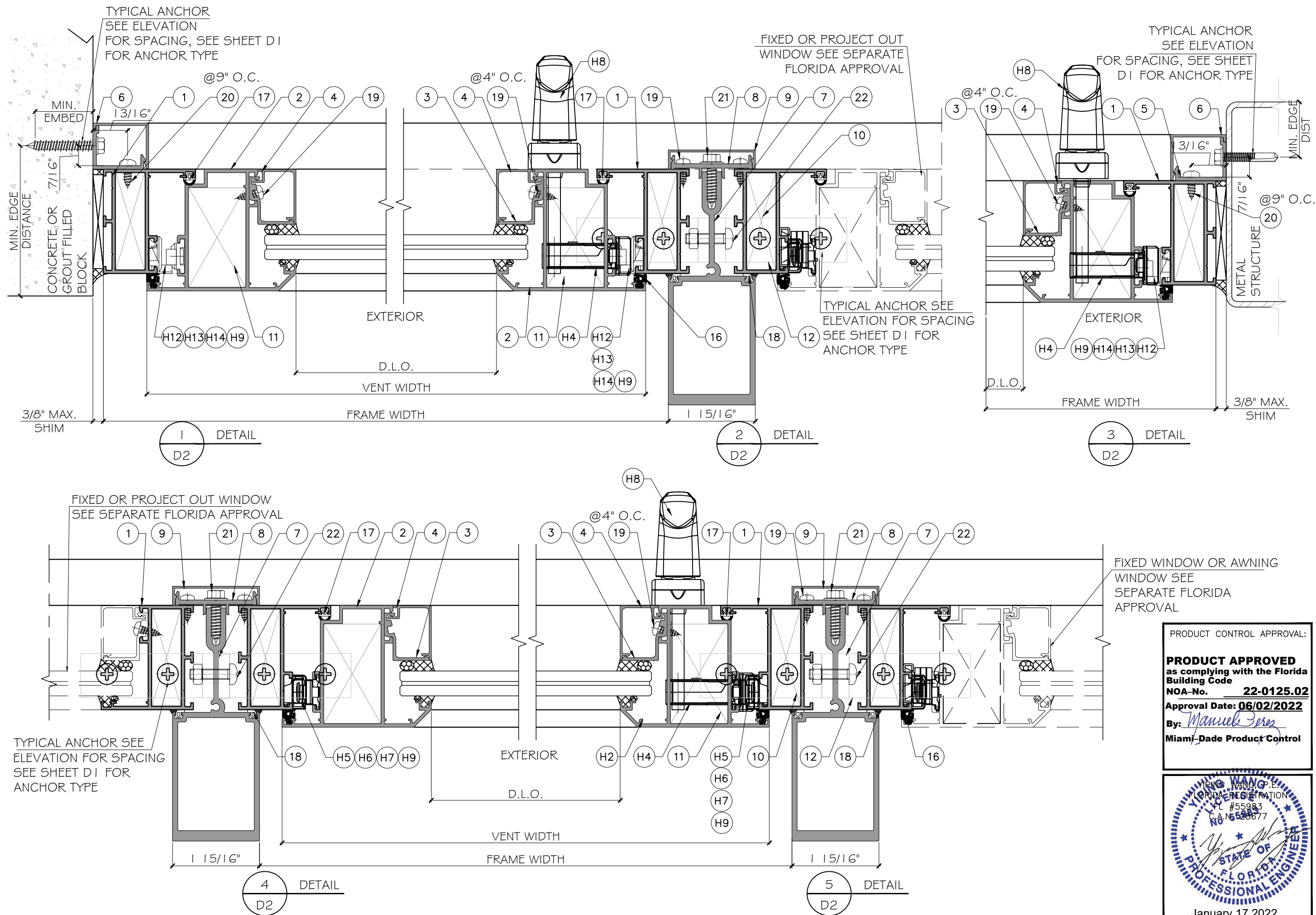
INTO CONCRETE OR BLOCKS = 2-1/2" MIN.
INTO METAL STRUCTURE = 3/4" MIN.
CONCRETE AT HEAD, SILL OR JAMB $f'_c = 3000 \text{ PSI}$ MIN.
BLOCK AT JAMB $f'_m = 2000 \text{ PSI}$ MIN.

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GLAZING CONSULTANTS
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MIRAMAR, FL 33027
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www.MCYEngineering.com mcy@mcyengineering.com

SP60 CASEMENT WINDOW - L.M.I.

SHANGHAI SUPERHOUSE BUILDING MATERIAL CO., LTD
LEVEL 5, BUILDING 10, NO.8666 HUNAN RD, PUDONG NEW AREA
SHANG HAI, CHINA
TEL.86 021-5822 0630 CELL.86 135-8572-3609

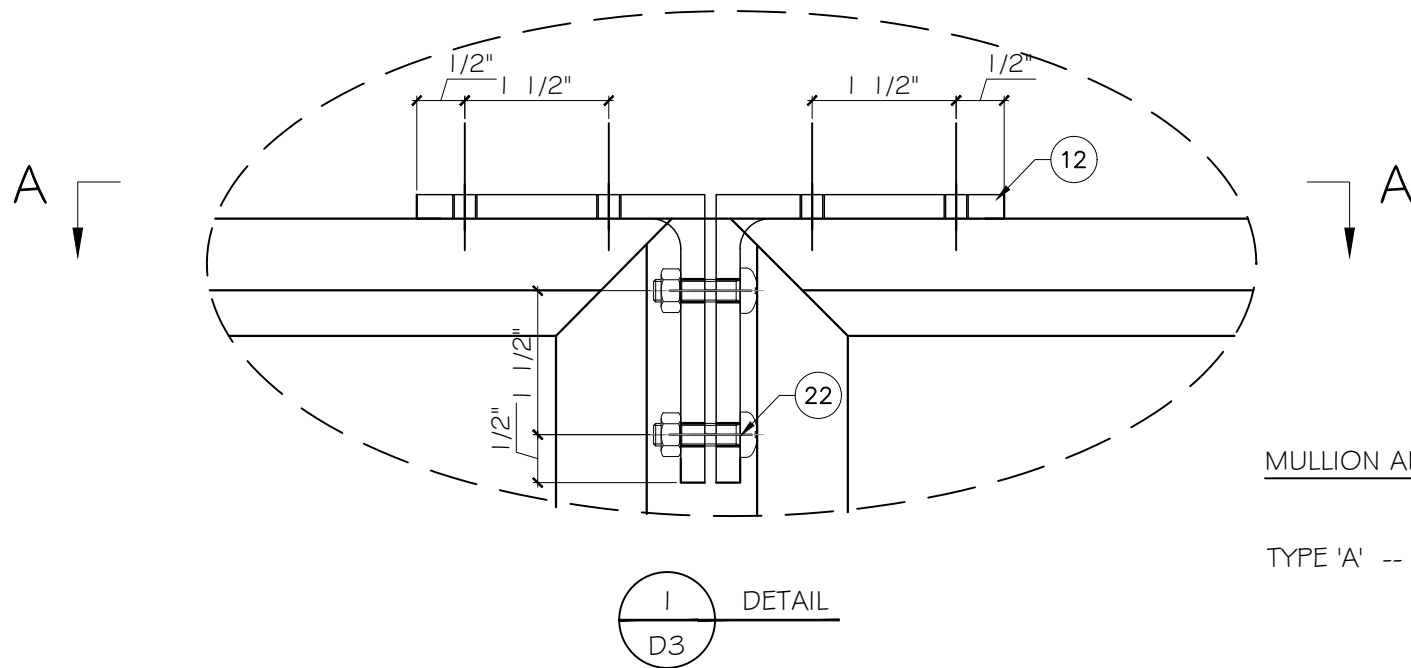
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1.	10.12.2021	JAMES	NEW NOA

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Scale:

DRAWING NO.
AD21-40

Sheet No.
4 OF 8



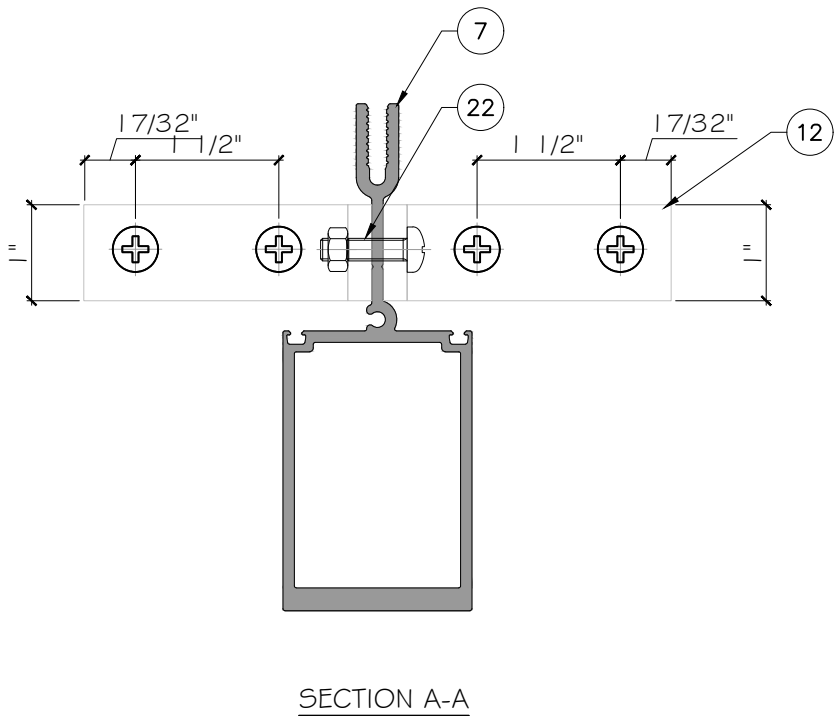
MULLION ANCHOR:

TYPE 'A' -- 1/4" DIA. ULTRACON+ BY 'DEWALT' (Fu= 1 64 KSI, Fy= 1 48 KSI)
DIRECTLY INTO CONCRETE ONLY
1 3/4" MIN. EMBED INTO CONCRETE(HEAD/ SILL/ JAMBS)

TYPE 'B' -- 1/4" DIA. SS SCREW (Fu= 1 00 KSI, Fy= 65 KSI)
1/4" DIA. TEKS (Fu= 1 20 KSI, Fy= 92KSI)
INTO FBC APPROVED MULLIONS (1/8" THK. MIN.)
OR INTO METAL STRUCTURES, STEEL: 1/8" THK. MIN. (A36 MIN.)
(3) THREADS MIN. TO EXTEND BEYOND METAL THICKNESS
(STEEL IN CONTACT WITH ALUMINUM TO BE PLATED OR PAINTED)

TYPICAL EDGE DISTANCE

INTO CONCRETE = 2-1/2" MIN.
INTO METAL STRUCTURE = 3/4" MIN.
CONCRETE AT HEAD, SILL OR JAMB f'c=3000PSI MIN.



FOR CONDITION NOT COVERED, TO BE CHECKED
BY DELEGATED ENGINEER ON JOB BASES.

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11/25/2021

Scale

DRAWING NO.
AD21-40

D3

Sheet No.
5 OF 8

① FRAME SP6001
ALUM. 6063-T5

② VENT SP6004
ALUM. 6063-T5

⑥ COVER SP6052
ALUM. 6063-T5

⑧ PRESSURE BAR
SP6008
ALUM. 6063-T5

⑨ COVER
SP6009
ALUM. 6063-T5

⑩ CLAMPING CORNER
JMO022
ALUM. 6063-T5

④ FLUSH-ENCASED GEARBOX
AGC37.35

⑨ CORNER DRIVE
VSO T5 K50

③ GLASS STOP GLA032
ALUM. 6063-T5

④ GLASS STOP GLB032
ALUM. 6063-T5

⑤ CLIP SP6051
ALUM. 6063-T5

⑬ CLIP JNSP10005
ALUM. 6063-T5

⑭ CORNICE
JNSP10006
ALUM. 6063-T5

⑮ STRIKER
ALP33

⑪ CLAMPING CORNER JMO026
ALUM. 6063-T5

⑪③ LOCKING CAM
254509

⑪④ LOCKING CAM
303511

⑪② STRIKER
266533

⑦ STACKING MULLION
SP6007
ALUM. 6063-T5

⑫ MULLION CLIP
ZL-758
ALUM. 6063-T5

⑪① FRICTION HINGE
FH06

⑪⑥ LOCKING CAM
ALR21

⑪⑦ LOCKING CAM
ALR28

⑪⑧ HANDLE
0738

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DRAWING NO.			
AD21-40			
ISO			
Sheet No.			
6 OF 8			

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YONG WANG, P.E.
FLORIDA REGISTRATION
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January 17, 2022

BILL OF MATERIALS	
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ITEM #	PROFILE	DESCRIPTION	MATERIAL	MANUFACTURER/REMARKS
1	SP6001	FRAME	ALUM. 6063-T5	SUPERHOUSE
2	SP6004	VENT	ALUM. 6063-T5	SUPERHOUSE
3	GLA032	GLASS STOP	ALUM. 6063-T5	SUPERHOUSE
4	GLB032	GLASS STOP COVER	ALUM. 6063-T5	SUPERHOUSE
5	SP6051	CLIP	ALUM. 6063-T5	SUPERHOUSE
6	SP6052	COVER	ALUM. 6063-T5	SUPERHOUSE
7	SP6007	STACKING MULLION	ALUM. 6063-T5	SUPERHOUSE
8	SP6008	PRESSURE BAR	ALUM. 6063-T5	SUPERHOUSE
9	SP6009	COVER	ALUM. 6063-T5	SUPERHOUSE
10	JM0022	CLAMPING CORNER	ALUM. 6063-T5	SUPERHOUSE
11	JM0026	CLAMPING CORNER	ALUM. 6063-T5	SUPERHOUSE
12	ZL-758	MULLION CLIP, 1" LONG	ALUM. 6063-T5	SUPERHOUSE
13	JNSP10005	CLIP	ALUM. 6063-T5	SUPERHOUSE
14	JNSP10006	CORNICE	ALUM. 6063-T5	SUPERHOUSE
15	-			
16	SBWG-001	EPDM GASKET	HARDNESS:30 ± 5 DURO	SUPERHOUSE
17	SBWG-006	EPDM GASKET	HARDNESS:30 ± 5 DURO	SUPERHOUSE
18	SBWG-002	EPDM GASKET	HARDNESS:30 ± 5 DURO	SUPERHOUSE
19	-	SCREW, DIA. 5/32" X 1/2".	STEEL	VARIES
20	-	#12 X 1/2" S.S. SCREW, 4" FROM EACH END, @9" O.C. Fu=100 PSI, Fy=65 PSI	STEEL	VARIES
21	-	HEX HEAD SCREW, DIA. 1/4" X 3 1/32"	STEEL	VARIES
22	-	1/4" DIA. X 3 1/32" PAN HEAD S.S. SCREW, WITH 1/4" DIA. NUT, (2) AT EACH MULLION END, Fu=100 PSI, Fy=65 PSI.	STEEL	VARIES
23	-	WEEP HOLE COVER, 5/16" X 1-1/32"	-	SUPERHOUSE
24	-	SETTING BLOCK, 1/4" X 1".	SILICONE	75 +/- 2A DURO.
H1	FH06	FRICTION HINGE	-	HOPO
H4	AGC37.35	FLUSH-ENCASED GEARBOX	-	HOPO
H5	ALP33	STRIKER	-	HOPO
H6	ALR21	LOCKING CAM	-	HOPO
H7	ALR28	LOCKING CAM	-	HOPO
H8	0738	HANDLE	-	HOPO
H9	VSO T5 K50	COVER DRIVE	-	SIEGENIA
H12	266533	STRIKER	-	SIEGENIA
H13	254509	LOCKING CAM	-	SIEGENIA
H14	303511	LOCKING CAM	-	SIEGENIA

PRODUCT CONTROL APPROVAL:

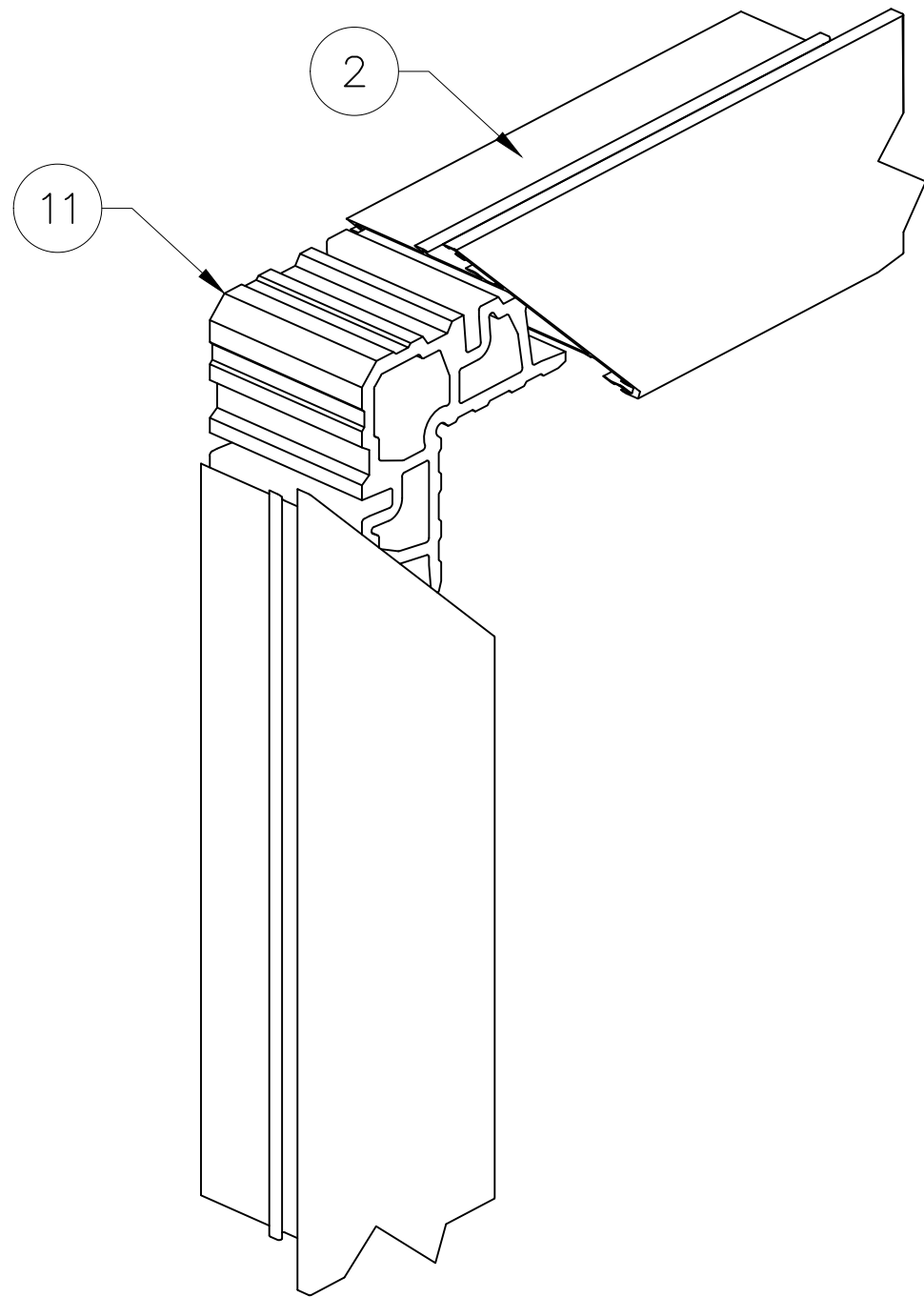
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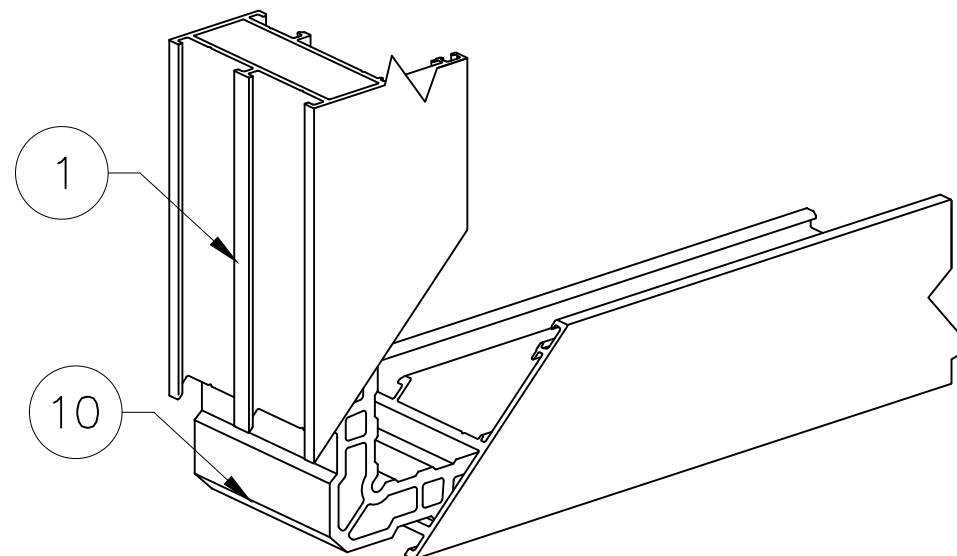
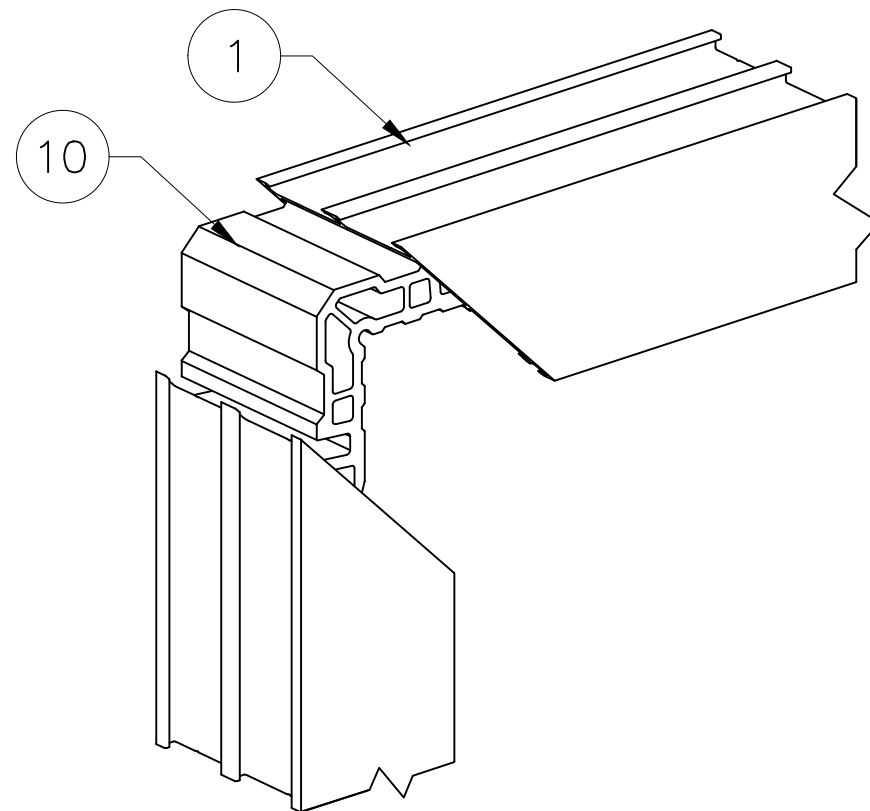
STATE OF
FLORIDA
PROFESSIONAL ENGINEER

January 17, 2022

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VENT CORNER



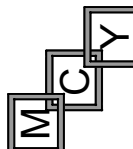
FRAME CORNER

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SP60 CASEMENT WINDOW - L.M.I.
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8 OF 8