



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/economy

AA Impact Garage Door
2235 West 10th Court
Hialeah, FL 33010

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: Aluminum and Glass Sectional Garage Door up to 12'-0" Wide

APPROVAL DOCUMENT: Drawing No. **JA-1967-23**, titled "Aluminum & Glass Sectional Garage Door, 12'-0" Max. Width (L.M.I.)", sheets 1 through 11 of 11, dated 12/28/2023, prepared by Javad Ahmad PE, Inc, signed, and sealed by Javad Ahmad, P.E. on 03/12/2024, bearing the Miami-Dade County Product Control approval stamp with the Notice of Acceptance number and expiration date by the Miami-Dade County Product Control Section.

MISSILE IMPACT RATING: Large and Small Missile Impact Resistant

LABELING: A permanent label with the manufacturer's name or logo, model number, the positive and negative design pressure rating, indicate impact rated if applicable, installation instruction drawing reference number, approval number (NOA), the applicable test standards, and the statement reading 'Miami-Dade County Product Control Approved' is to be located on the door's side track, bottom angle, or inner surface of a panel.

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 page 1 and evidence page E-1, as well as the approval document mentioned above.

The submitted documentation was reviewed by **Carlos M. Utrera, P.E.**




06/03/2024

NOA-No 24-0116.01
Expiration Date: June 13, 2025
Approval Date: June 13, 2024
Page 1

AA Impact Garage Door

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

A. DRAWINGS

1. Drawing No. **JA-1967-23**, titled “Aluminum & Glass Sectional Garage Door, 12’-0” Max. Width (L.M.I.)”, sheets 1 through 11 of 11, dated 12/28/2023, prepared by Javad Ahmad PE, Inc, signed, and sealed by Javad Ahmad, P.E. on 03/12/2024.

B. TESTS

1. Test reports on 1) Uniform Static Air Pressure Test, Loading per FBC TAS 202-94
2) Large Missile Impact Test per FBC, TAS 201-94
3) Cyclic Wind Pressure Loading per FBC, TAS 203-94
along with marked-up drawings and installation diagram of 12’-0”, 16’-2”, and 18’-2” Wide x 8’-0” High Aluminum and Glass Garage Doors, prepared by IFET, Inc., Test Report No. **TR-IFET-23-0018.01**, dated 05/01/2024, signed and sealed by Archad Viqar, P.E.

C. CALCULATIONS

1. Anchor/connection design calculations, prepared by Javad Ahmad PE, Inc., dated 01/10/2024, signed, and sealed by Javad Ahmad, P.E.

D. QUALITY ASSURANCE

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

E. MATERIAL CERTIFICATIONS

1. Notice of Acceptance No. **24-0205.08**, issued to Kuraray America, Inc., for their Trosifol Ultraclear, Clear and Color PVB Glass Interlayers, approved on 03/21/2024, expiring on 07/08/2029.

F. STATEMENTS


1. Statement letter of code conformance with the 8th edition (2023) of the FBC and of no financial interest, issued by Javad Ahmad PE, Inc., dated 01/09/2024, signed, and sealed by Javad Ahmad, P.E.
2. Statement letter confirming the Forced Entry Resistance Test within a year of the approval date of this NOA, issued by AA Impact Garage Doors, dated 05/23/2024, signed by Eulices Alvarez, President.



Carlos M. Utrera, P.E.
Product Control Examiner
NOA-No 24-0116.01
Expiration Date: June 13, 2025
Approval Date: June 13, 2024

SHEET INDEX	
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02	TYPICAL ELEVATIONS
03	GLASS DETAILS
04	ANCHOR DETAILS
05	SECTION DETAILS
06	SECTION DETAILS
07	TRACK DETAILS
08	PROFILES DETAILS
09	PROFILES DETAILS
10	HARDWARE DETAILS
11	INSTALLATION DETAILS
ADDITIONAL DETAILS:	
FOR SPECIAL SITE CONDITION, CONTACT AA IMPACT GARAGE DOOR, INC.	

ALUMINUM & GLASS SECTIONAL GARAGE DOOR 12'-0" MAX. WIDTH (*LARGE MISSILE IMPACT*)

PRODUCT APPROVED
as complying with the Florida
Building Code
NOA-No. 24-0116.01
Approval Date 06/13/2024
By 
Miami-Dade Product Control

GENERAL NOTES

1. THIS SYSTEM PRESENTED HEREIN HAS UNDERGONE DESIGN AND TESTING IN FULL COMPLIANCE WITH THE FLORIDA BUILDING CODE EIGHTH EDITION (2023) AND IS INTENDED FOR USE IN HIGH VELOCITY HURRICANE ZONE PER TAS 201/202/203..

2. THE DESIGN PRESSURES OUTLINED IN THIS DOCUMENT ARE DERIVED FROM MAXIMUM TESTED PRESSURES AND INCORPORATE A 1.5 SAFETY FACTOR.

3. THE PRESSURES PROVIDED IN THIS CERTIFICATION ARE DETERMINED USING THE ALLOWABLE STRESS DESIGN METHOD (ASD).

4. THIS PRODUCT HAS BEEN RIGOROUSLY TESTED IN ACCORDANCE WITH THE STANDARDS DESCRIBED IN NOTE 1 OF THE GENERAL NOTES. IT IS CONFIRMED TO BE RESISTANT TO LARGE MISSILE IMPACT, THEREBY NOT NECESSITATING THE USE OF IMPACT-RESISTANT SHUTTERS.

5. THE DESIGN OF THIS SYSTEM DOES NOT INCORPORATE A 33-1/3% INCREASE IN ALLOWABLE STRESS. FOR WOOD ANCHOR DESIGN, A WIND LOAD DURATION FACTOR OF CD=1.6 HAS BEEN EMPLOYED.

6. THE ARCHITECT/ENGINEER OF RECORD RESPONSIBLE FOR THE PROJECT'S SUPERSTRUCTURE, WITH WHICH THIS DESIGN IS ASSOCIATED, SHALL ENSURE THE INTEGRITY OF ALL SUPPORTING SURFACES. COORDINATION WITH THE PERMITTING CONTRACTOR IS REQUIRED, AND PROPER ANCHORING OF WOOD BUCKS (BY OTHERS) MUST FACILITATE LOAD TRANSFER TO THE EXISTING STRUCTURE.
7. THE DETAILS OF THE SYSTEM PROVIDED HEREIN ARE OF A GENERIC NATURE AND DO NOT OFFER SPECIFIC SITE INFORMATION. FOR SITE CONDITIONS THAT DIFFER FROM THOSE SPECIFIED HERE, A LICENSED ENGINEER OR REGISTERED ARCHITECT MUST PREPARE SITE-SPECIFIC DOCUMENTS FOR USE IN CONJUNCTION WITH THIS CERTIFICATION.

8. THE CONTRACTOR IS ACCOUNTABLE FOR INSULATING ALL MEMBERS FROM DISSIMILAR MATERIALS TO PREVENT ELECTROLYSIS (E.G., STEEL WITH ALUMINUM).

9. THE SUBSTITUTION OF FASTENERS DESCRIBED IN THIS CERTIFICATION IS PERMISSIBLE, PROVIDED THE ALTERNATIVE ANCHOR EXHIBITS STRENGTH EQUAL TO OR GREATER THAN THE ORIGINALLY SPECIFIED FINAL APPROVAL OF SUBSTITUTED ANCHORS SHALL BE GRANTED BY RELEVANT AUTHORITIES.

10. THE WOOD SCREWS REFERENCED IN THIS CERTIFICATION MUST MEET A MINIMUM GRADE OF 2 (fu = 74,000 PSI).

11. THE ENGINEER'S SEAL AFFIXED HERE VALIDATES THE STRUCTURAL DESIGN AS PRESENTED SOLELY. ANY USE OF THIS SPECIFICATION BY THE CONTRACTOR OR OTHERS INDEMNIFIES AND SAVES THE ENGINEER HARMLESS FROM ALL COSTS AND DAMAGES, INCLUDING LEGAL FEES AND APPELLATE FEES ARISING FROM MATERIAL FABRICATION, SYSTEM ERECTION, AND CONSTRUCTION PRACTICES BEYOND THE SCOPE CALLED FOR BY LOCAL, STATE, AND FEDERAL CODES OR DEVIATIONS FROM THE PLAN.

12. NO ADDITIONAL CERTIFICATIONS OR AFFIRMATIONS ARE INTENDED BEYOND WHAT IS EXPRESSLY PROVIDED IN THIS DOCUMENT.
13. ALTERATIONS, ADDITIONS, OR ANY MARKINGS TO THIS DOCUMENT ARE STRICTLY PROHIBITED AND WILL INVALIDATE THIS CERTIFICATION.
14. PROPER SAFETY MEASURES MUST BE OBSERVED DURING THE INSTALLATION AND USE OF THIS SYSTEM, EVEN THOUGH THEY ARE NOT EXPLICITLY LISTED IN THIS CERTIFICATION.

THIS PRODUCT IS APPROVED FOR IMPACT RESISTANT LEVEL 'D'



JAVAD AHMAD PE, inc
7875 NW 12 St, Suite 102
Doral, FL 33126
Ph: (305) 424-8001
contact@ja-pe.com

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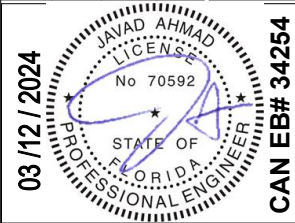
ALUM/GLASS SECTIONAL
GARAGE DOOR (L.M.I)

AA IMPACT GARAGE DOOR, INC.
2235 W 10TH COURT
HIALEAH, FL-33010
PHONE: (305)-450-2993

REVISION

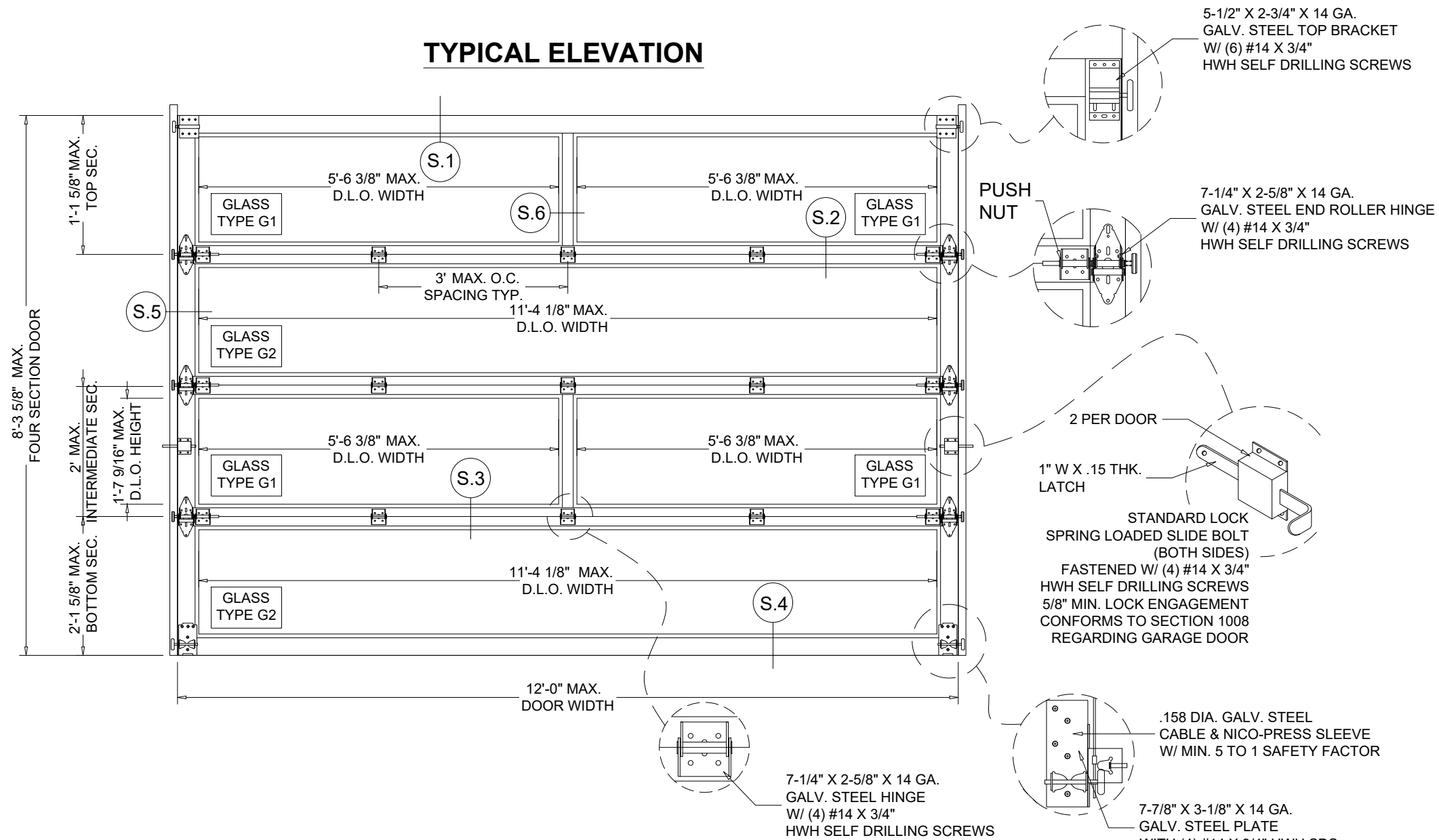
No.	DATE	BY	DESCRIPTION			

date:	12-28-2023	scale:		drawn by:	M.S.	check by:	H.T.	DRAWING NO.	JA-1967-23
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COVER PAGE	SHEET No. 01 OF 11
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TYPICAL ELEVATION



GENERAL NOTES:

- 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.

ALUMINUM/GLASS SECTIONAL
GARAGE DOOR

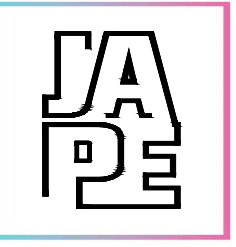
THIS DOORS IS RATED FOR LARGE MISSILE IMPACT.
MAX. FRAME AND GLASS DIMENSIONS AS SHOWN ON
TYPICAL ELEVATION. SEE GLASS SPECS ON SHEET# 03

MAX. ALLOWABLE PRESSURES = +50.0 / -60.0 PSF

PRODUCT APPROVED
as complying with the Florida
Building Code
NOA-No. 24-0116.01

Approval Date 06/13/2024

By *[Signature]*
Miami-Dade Product Control



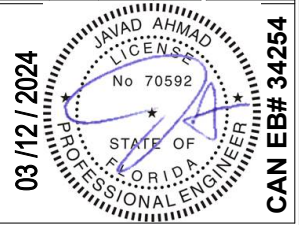
JAVAD AHMAD PE, inc
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CONSULTING • STRUCTURAL DESIGN • FACADES • BUILDING ENVELOPE •

ALUM/GLASS SECTIONAL
GARAGE DOOR (L.M.I.)

AA IMPACT GARAGE DOOR, INC.
2235 W 10TH COURT
HIALEAH, FL-33010
PHONE: (305)-450-2993

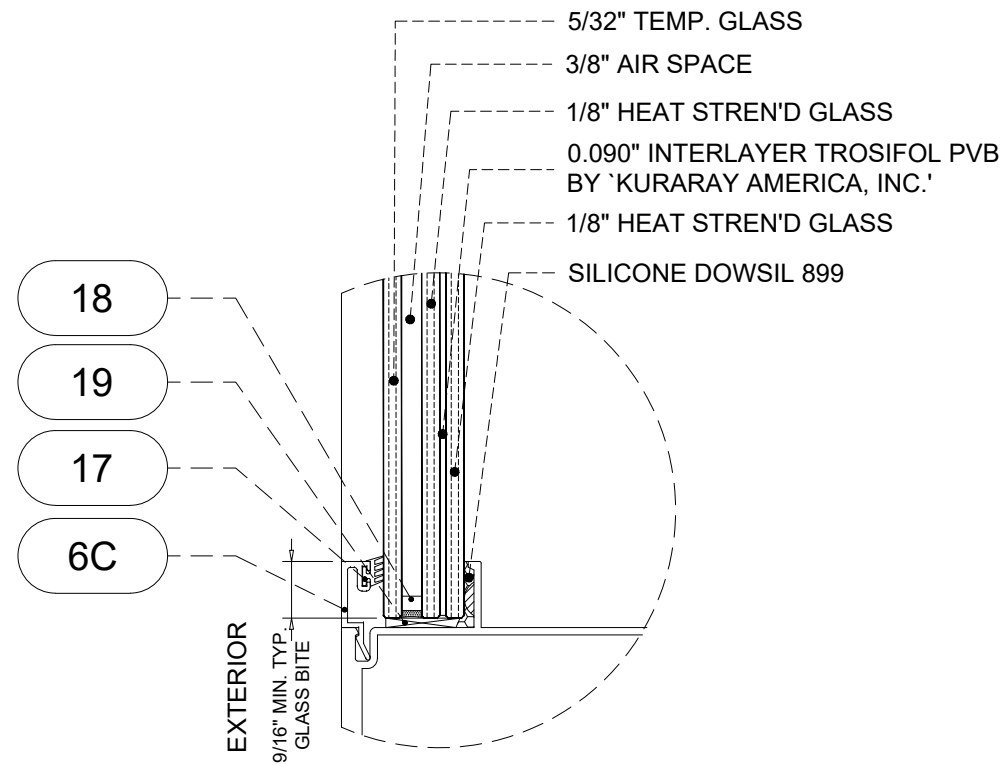
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drawn by:	M.S.
check by:	H.T.
DRAWING NO. JA-1967-23	

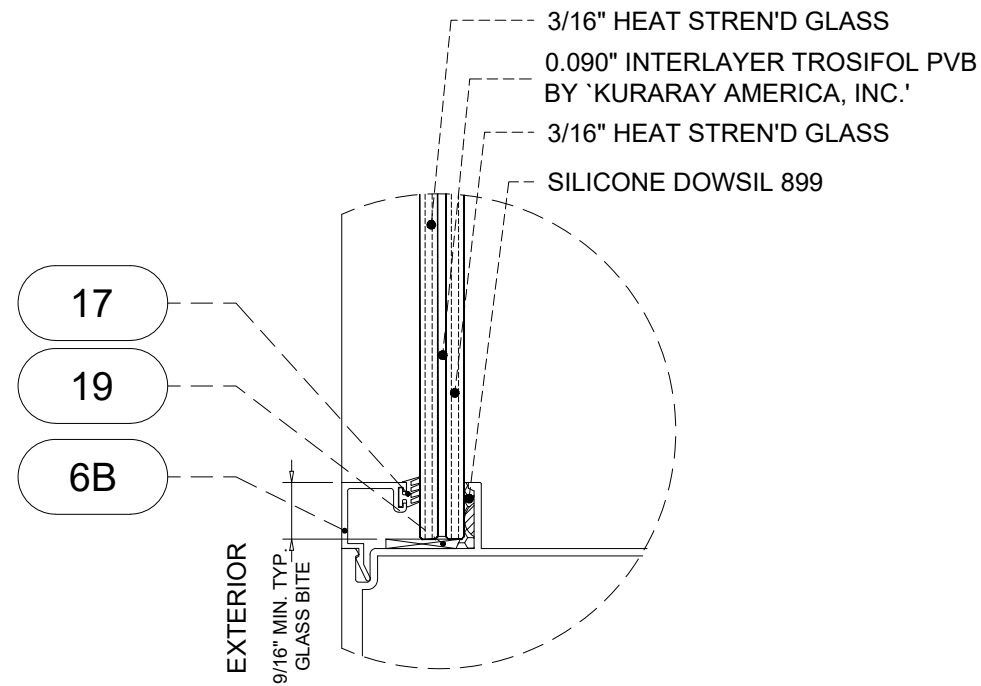


TYP. ELEV.


SHEET No.
02 OF 11

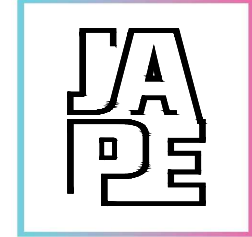


13/16" INSUL. LAM. GLASS
GLASS TYPE 'G1'



7/16" LAM. GLASS
GLASS TYPE 'G2'

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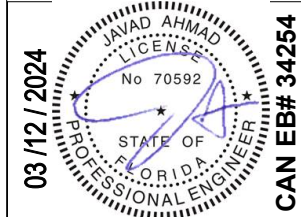
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GLASS DET. SHEET No. 03 OF 11

CAN EB# 34254

SYSTEM ANCHORS:

- M1

1/4" DIA. TEKS OF SELF DRILLING SCREWS (410 STAINLESS STEEL)
WITH (3) THREAD MIN. PENETRATION BEYOND 1/8" MIN. THK. METAL
1/2" MIN. METAL E.D.
- M2

#10 SMS OR SELF DRILLING SCREWS (316 STAINLESS STEEL)
WITH (3) THREAD MIN. PENETRATION BEYOND 1/8" MIN. THK. METAL
1/2" MIN. METAL E.D.
(3) ON EACH SIDE @ 5/8" O.C. SPACING
- M3

#8 SMS FH UNDERCUT SCREWS (316 STAINLESS STEEL)
WITH (3) THREAD MIN. PENETRATION BEYOND 1/8" MIN. THK. METAL
1/2" MIN. METAL E.D.
(4) SCREWS AT EACH CONNECTION.
- M4

#1/4-20 X 9/16" CARRIAGE BOLT WITH WASHERED NUT
AT 4" MAX. FROM ENDS.
12" O.C. MAX. FOR DOOR WIDTH UPTO 144"
10" O.C. MAX. FOR DOOR WIDTH EXCEEDING 144" & UPTO 194"
8" O.C. MAX. FOR DOOR WIDTH EXCEEDING 194" & UPTO 220"

SUBSTRATE ANCHORS:

- M5

5/16" DIA. ULTRA CON BY 'DEWALT' (Fu=177 KSI, Fy=155 KSI)
THRU 1BY OR 2BY BUCKS INTO CONCRETE
2" MIN. EMBED. INTO CONCRETE
4" FROM BOTTOM AND 8" O.C. MAX.
6" O.C. MAX. FOR DOOR WIDTH EXCEEDING 194" & UPTO 220"

DIRECTLY INTO CONCRETE
2" MIN. EMBED INTO CONCRETE
4" FROM BOTTOM AND 8" O.C. MAX.
6" O.C. MAX. FOR DOOR WIDTH EXCEEDING 194" & UPTO 220"
- M6

3/8" DIA. KWIK BOLT 3 EXPANSION ANCHOR BY 'HILTI'
DIRECTLY INTO MASONRY
2-1/2" MIN. EMBED INTO FILLED BLOCKS
AT 4" FROM BOTTOM AND 8" O.C. MAX.
6" O.C. MAX. FOR DOOR WIDTH EXCEEDING 194" & UPTO 220"
- M7

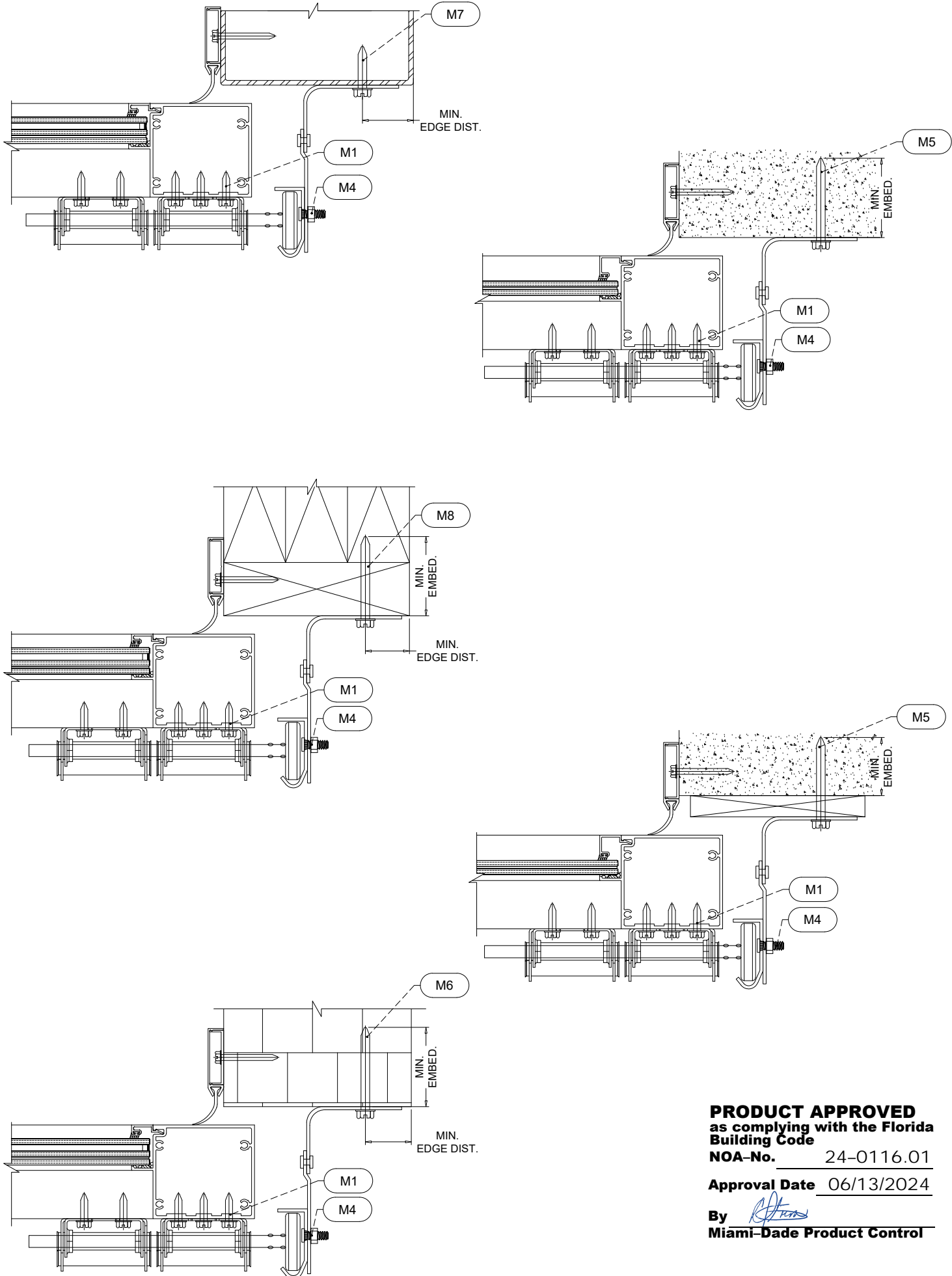
5/16" DIA. DRIL-FLEX SCREWS BY 'DEWALT' (Fu=100 KSI, Fy=65 KSI)
INTO METAL STRUCTURES
STEEL: 1/8" THK. MIN. (Fy=36 KSI MIN.)
(STEEL IN CONTACT WITH ALUMINUM TO BE PLATED OR PAINTED)
AT 4" FROM BOTTOM AND 8" O.C. MAX.
6" O.C. MAX. FOR DOOR WIDTH EXCEEDING 194" & UPTO 220"
- M8

5/16" DIA. LAG SCREWS BY 'DEWALT'
INTO WOOD STRUCTURES
2" MIN. PENETRATION INTO WOOD
AT 4" FROM BOTTOM AND 8" O.C. MAX.
6" O.C. MAX. FOR DOOR WIDTH EXCEEDING 194" & UPTO 220"

SUBSTRATE EDGE DISTANCE:

INTO CONCRETE = 3-1/8" MIN.
INTO FILLED BLOCKS = 4" MIN.
INTO WOOD STRUCTURES = 1-1/2" MIN.
INTO METAL STRUCTURE = 1" MIN.

WOOD SG = 0.55 MIN.
CONCRETE f_c = 3000 PSI MIN.
C-90 GROUT FILLED BLOCK f_m = 2000 PSI MIN.



PRODUCT APPROVED
as complying with the **Florida Building Code**
NOA-No. 24-0116.01
Approval Date 06/13/2024
By *[Signature]*
Miami-Dade Product Control

JAVAD AHMAD PE, inc

7875 NW 12 St, Suite 102

Doral, FL 33126

Ph: (305) 424-8001

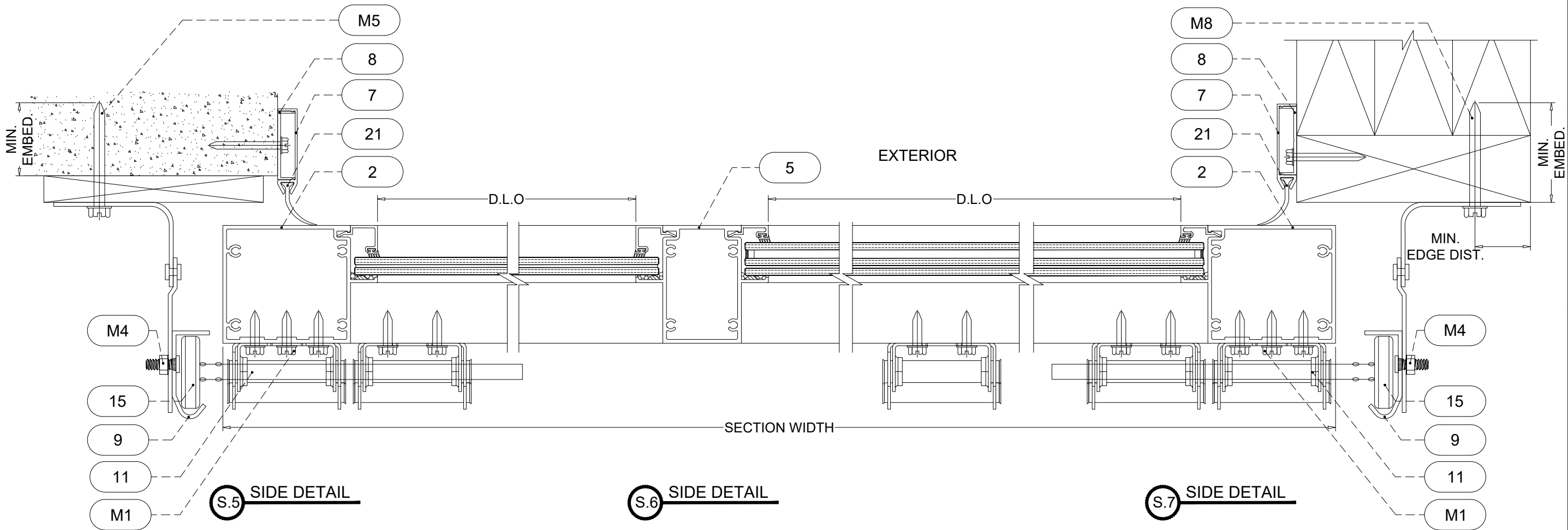
contact@ja-pe.com

CONSULTING • STRUCTURAL DESIGN • FACADES • BUILDING ENVELOPE • SYSTEM DESIGN • PRODUCT APPROVALS

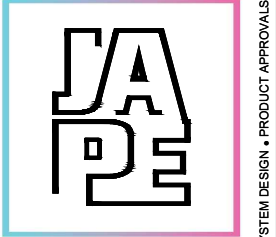
ALUM/GLASS SECTIONAL
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03/12/2024	<div><div><div>03/12/2024</div><div>JAVAD AHMAD LICENSE No 70592 STATE OF FLORIDA PROFESSIONAL ENGINEER</div></div><div>CAN EB# 34254</div></div>								



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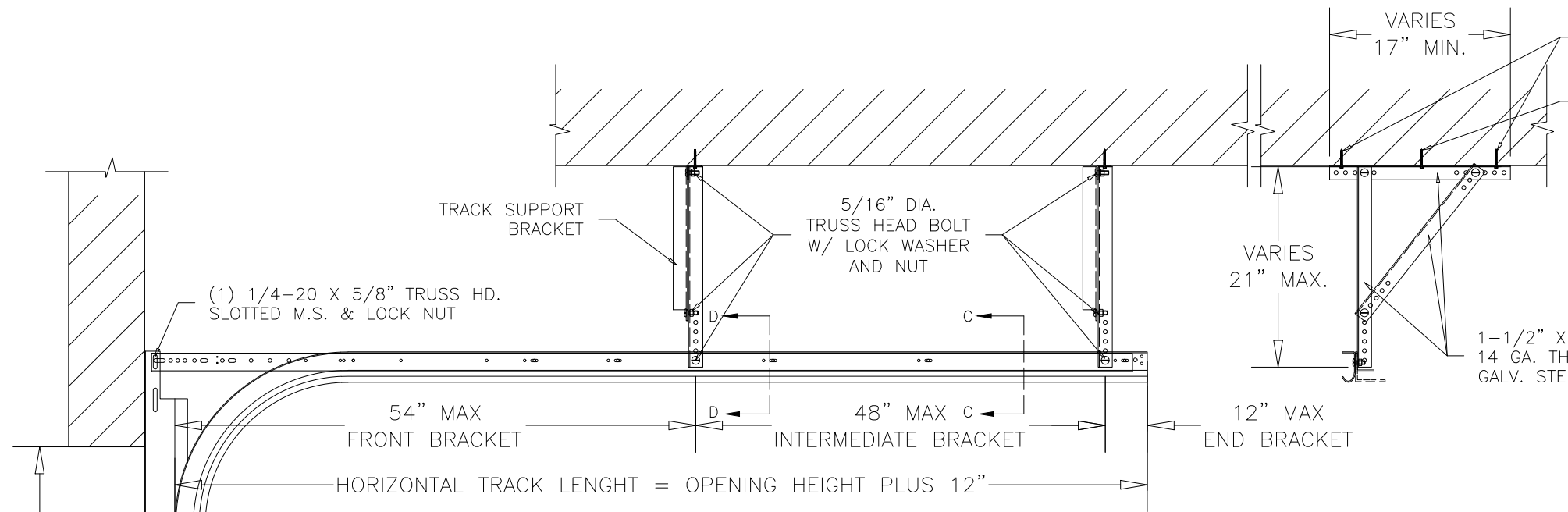
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SEC. DETAILS SHEET No. 06 OF 11

CAN EB# 34254

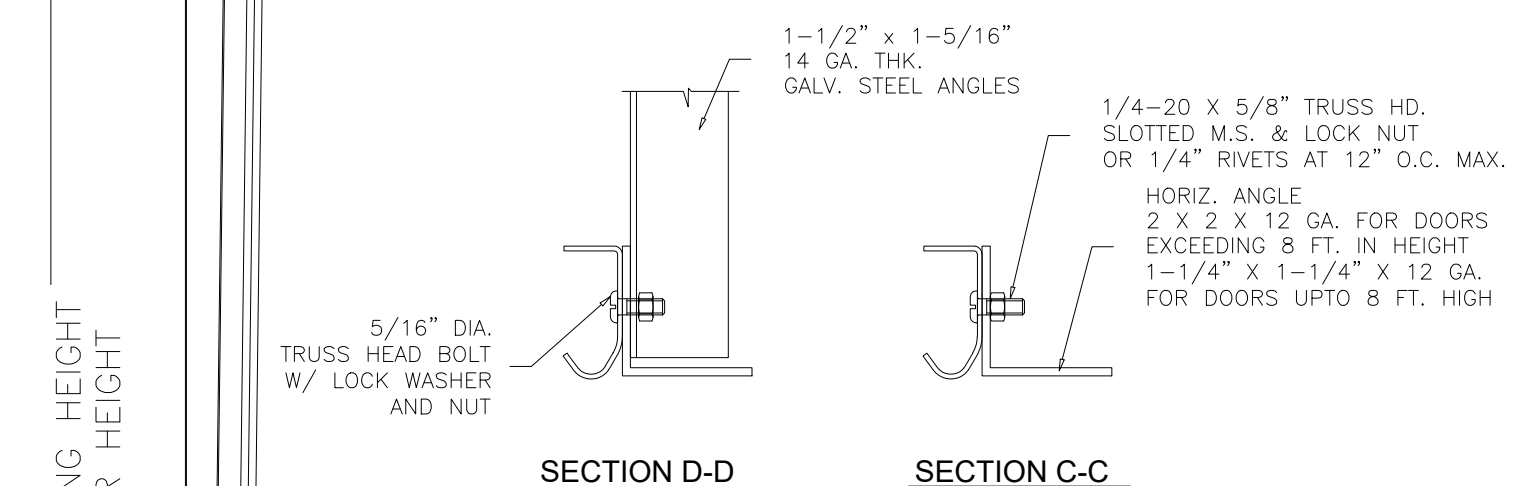


BRACKET ANCHORS
(2) INTO CONCRETE

BRACKET ANCHORS
(3) INTO WOOD

NOTE:
IT SHALL BE VERIFIED THAT THE CEILING STRUCTURE CAN SUSTAIN LOADS IMPOSED BY THE DOOR WHEN LEFT IN OPEN POSITION. BRACES MAY BE MOVED IN ORDER TO ENGAGE THE CEILING STRUCTURE. ANCHOR EMBEDMENT TO BASE MATERIAL SHALL BE BEYOND ALL CEILING NON STRUCTURAL MATERIAL STUCCO OR CEILING DRESSING.

SUPPORT BRACKET AT EACH TRACK
BRACKETS RUN PERPENDICULAR TO TRACKS.
FRONT AND END BRACKETS TO BE SPACED AS SHOWN ABOVE.
ADDITIONAL INTERMEDIATE BRACKETS TO BE INSTALLED FOR SPACING 48" MAXIMUM IN BETWEEN FRONT AND END BRACKETS.
(MINIMUM OF 2 BRACKETS PER TRACK)

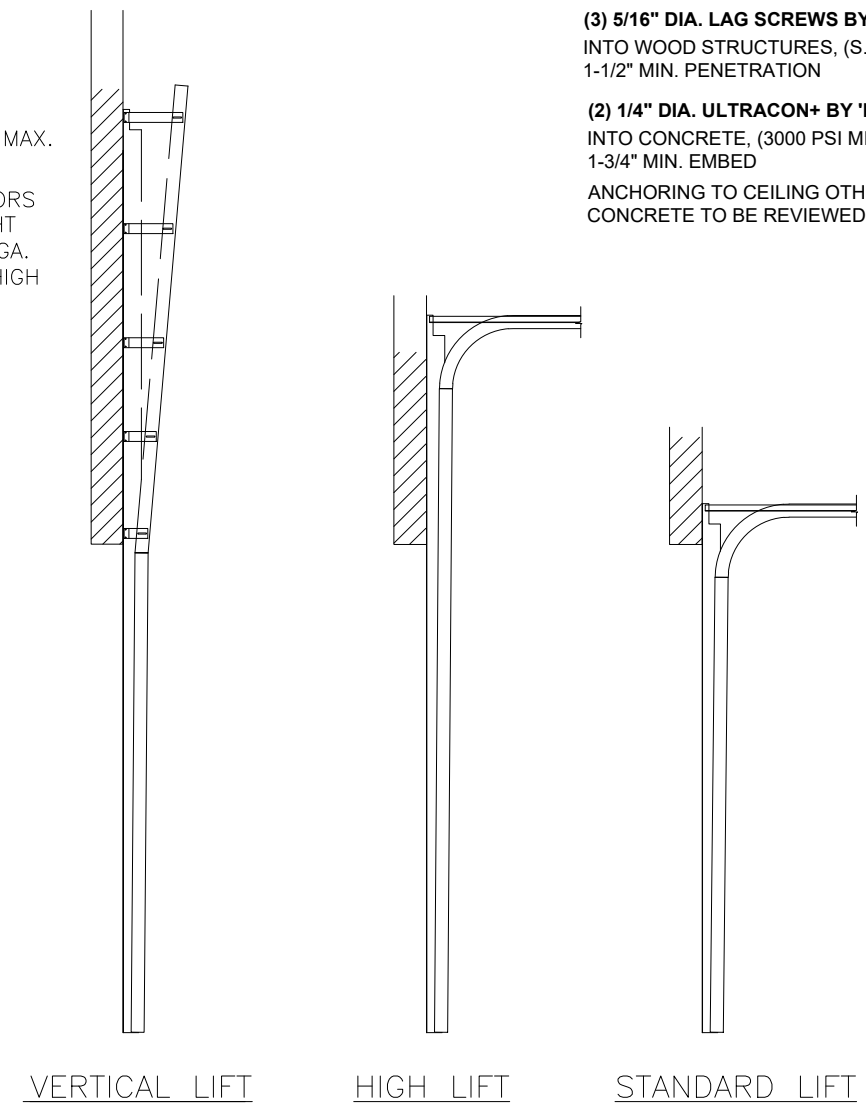
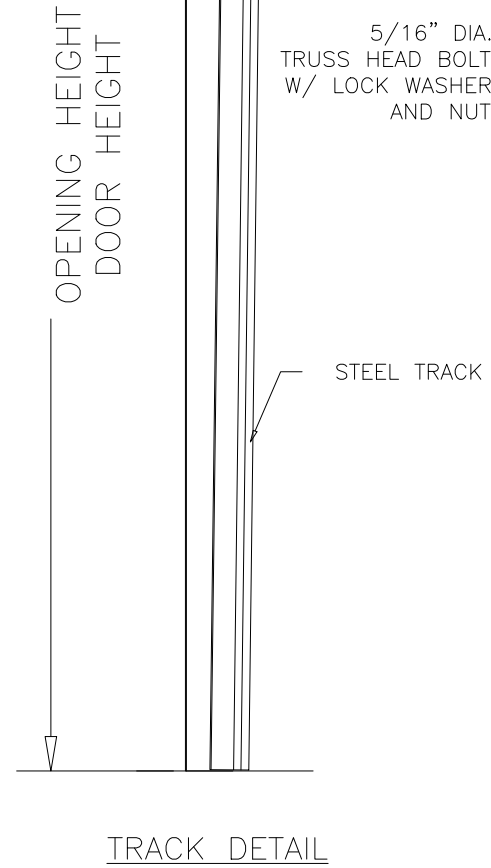


BRACKET ANCHORS:

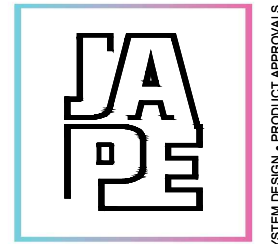
(3) 5/16" DIA. LAG SCREWS BY 'DEWALT'
INTO WOOD STRUCTURES, (S.G.=0.50)
1-1/2" MIN. PENETRATION

(2) 1/4" DIA. ULTRACON+ BY 'DEWALT' Fu=164 KSI, F=148 KSI
INTO CONCRETE, (3000 PSI MIN.)
1-3/4" MIN. EMBED

ANCHORING TO CEILING OTHER THAN WOOD OR CONCRETE TO BE REVIEWED SEPARATELY.



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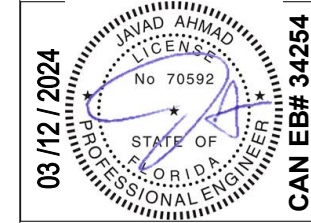
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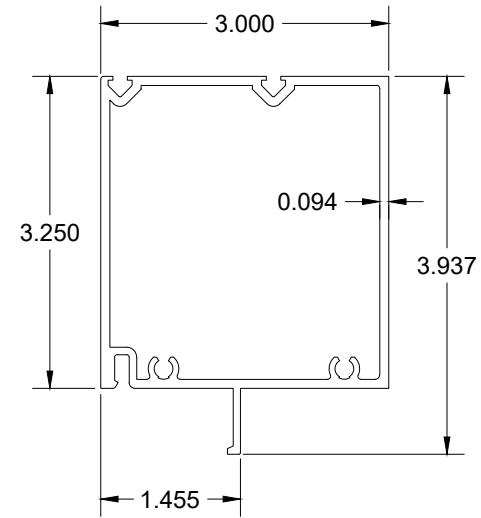


03/12/2024

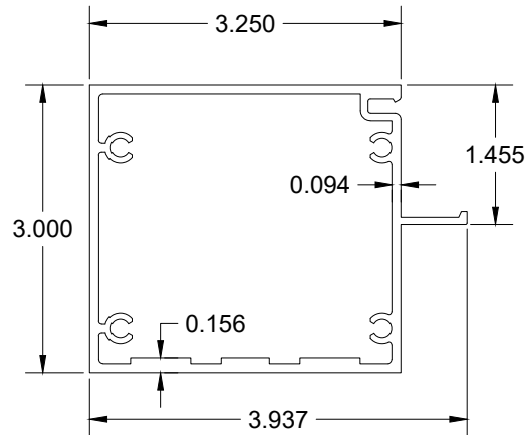
TRACK OPT.

SHEET No. 07 OF 11

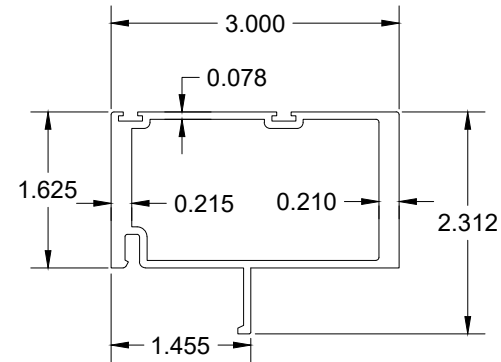
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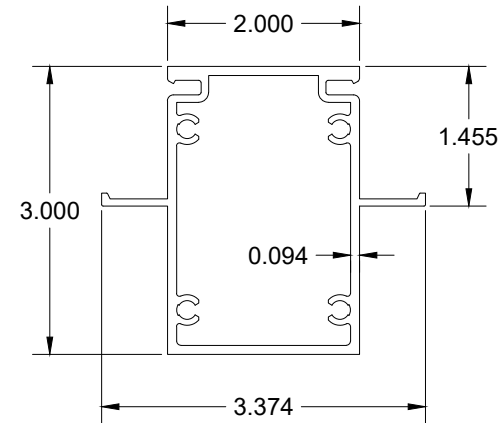
1 TOP / BOTTOM RAIL




2 VERTICAL STILE

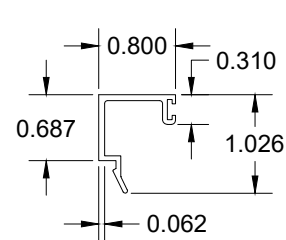


3 INTERMEDIATE RAIL

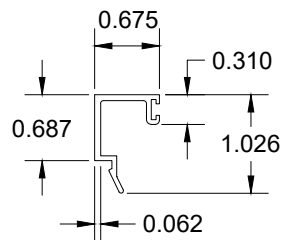


5 DIVIDER STILE

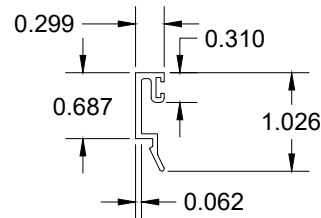
PRODUCT APPROVED
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NOA-No. 24-0116.01
Approval Date 06/13/2024
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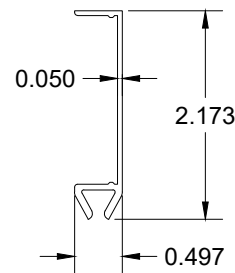
6A GLASS STOP
(5/16" GLASS)



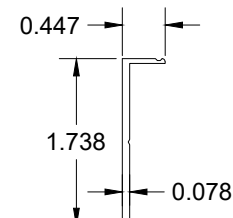
6B GLASS STOP
(7/16" GLASS)



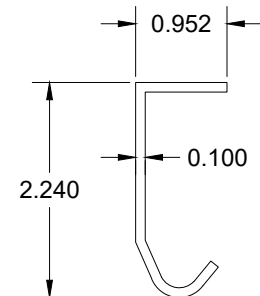
6C GLASS STOP
(INSUL. LAM. GLASS)



7 JAMB SEAL



8 JAMB SEAL BASE



9 DOOR TRACK



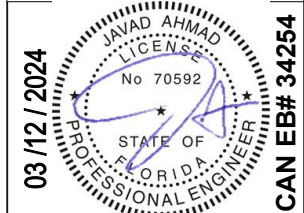
JAVAD AHMAD PE, inc
7875 NW 12 St, Suite 102
Doral, FL 33126
Ph: (305) 424-8001
contact@ja-pe.com

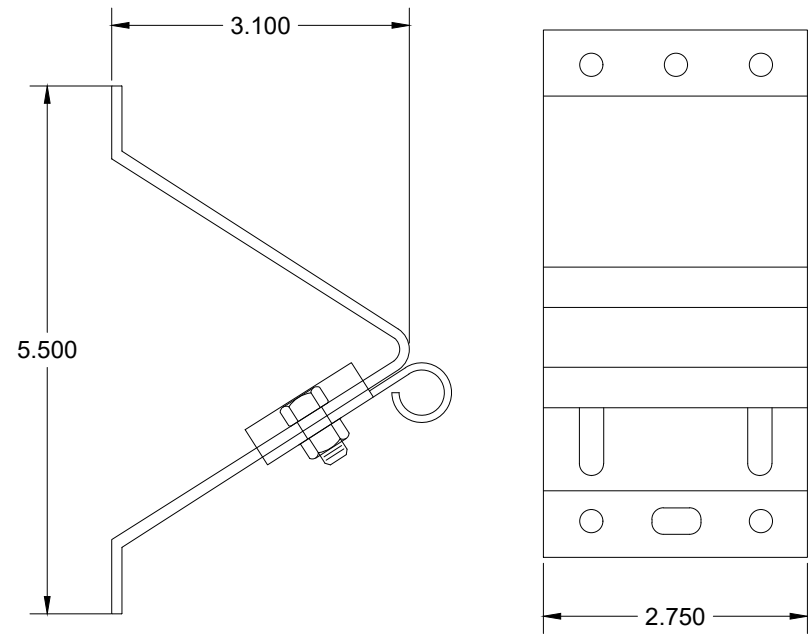
ALUM/GLASS SECTIONAL
GARAGE DOOR (L.M.I.)

AA IMPACT GARAGE DOOR, INC.
2235 W 10TH COURT
HIALEAH, FL-33010
PHONE: (305)-450-2993

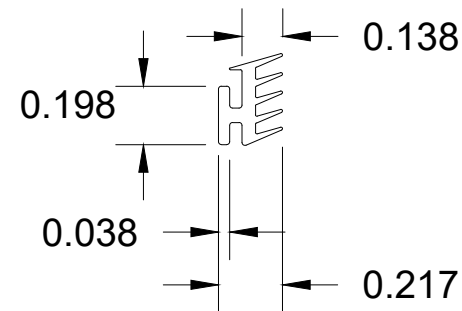
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No.	DATE	BY	

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12 TOP FIXTURE

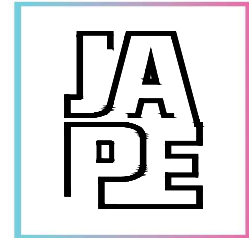


17 GLAZING GAKET

BASE POLYMER = EPDM RUBBER
DENSITY = 10.26 Lbs/Gal
HARDNESS = 80±5
TENSILE STRENGTH = 905 PSI
ELONGATION AT BREAK = 273%
TEAR STRENGTH = 1.343 Kip/ft
BRITTLENESS TEMPERATURE = -40° F
COMPRESSION SET = 27% (22h@158°F)

BILL OF MATERIALS					
ITEM NO.	PART NO.	QUANTITY	DESCRIPTION	MATERIAL	MANF./SUPPLIER/REMARKS
1	AA-101	2	TOP SECTION TOP RAIL & BOTTOM SECTION BOTTOM RAIL	6063-T6	-
2	AA-102	2	VERTICAL STILE	6063-T6	-
3	AA-103	AS REQD.	INTERMEDIATE RAIL	6063-T6	-
5	AA-105	AS REQD.	DIVIDER STILE	6063-T6	-
6A	AA-106	AS REQD.	GLASS STOP (5/16" GLASS)	6063-T6	-
6B	AA-107	AS REQD.	GLASS STOP (7/16" GLASS)	6063-T6	-
6C	AA-108	AS REQD.	GLASS STOP (INSUL. LAM. GLASS)	6063-T6	-
7	AA-109	AS REQD.	JAMB SEAL	6063-T6	-
8	AA-110	AS REQD.	JAMB SEAL BASE	6063-T6	-
9	-	2	DOOR TRACK	GALV. STEEL	-
10	-	AS REQD.	JAMB ANGLE	GALV. STEEL	Fy MIN. = 42 KSI
11	-	AS REQD.	ROLLER HINGES	GALV. STEEL	-
12	-	2	TOP BRACKET	GALV. STEEL	-
13	-	2	BOTTOM FIXTURE	GALV. STEEL	-
14	-	2	STANDARD LOCK	-	-
15	-	AS REQD.	ROLLER WITH STEM	STEEL	-
16	-	2	5/32" SPRING LIFT CABLE	GALV. STEEL	-
17	-	AS REQD.	GLAZING GASKET	EPDM	DUROMETER 80±5 SHORE A
18	-	-	GLASS SPACER	SILICONE	FRANK LOWE RUBBER CO.
19	-	2/ LITE	SETTING BLOCK, 1/8" X 3/4" X 4" LONG	EPDM	AT 6" FROM EACH END, DUROMETER 65±5
20	-	-	BULB W'STRIPPING	SANTOPRENE	EPDM
21	-	-	LEAF W'STRIPPING	SANTOPRENE	EPDM
22	-	-	BOTTOM SECTION SEAL	SANTOPRENE	EPDM
M1	#14 X 3/4"	AS REQD.	ROLLER HINGES FASTENERS	GALV. STEEL	HWH SELF DRILLING SCREWS
M2	#14 X 3/4"	6/ BRACKET	BRACKET FASTENERS	GALV. STEEL	HWH SELF DRILLING SCREWS
M3	#12 X 2"	AS REQD.	ASSEMBLY FASTENERS	ST.STEEL	PH SMS
M4	1/4-20 X 9/16"	AS REQD.	CARRIAGE BOLT WITH WASHERED NUT	STEEL	-
M5	-	AS REQD.	5/16" DIA. ULTRACON	-	DEWALT
M6	-	AS REQD.	3/8" DIA. KWIK BOLT 3 EXPANSION ANCHOR	-	HILTI
M7	-	AS REQD.	5/16" DIA.DRIL-FLEX ANCHORS	410 STAINLESS STEEL	-
M8	-	AS REQD.	5/16" DIA. LAG SCREWS	STEEL	DEWALT

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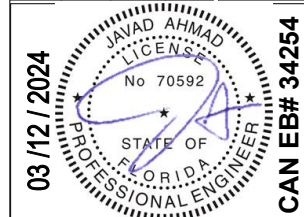
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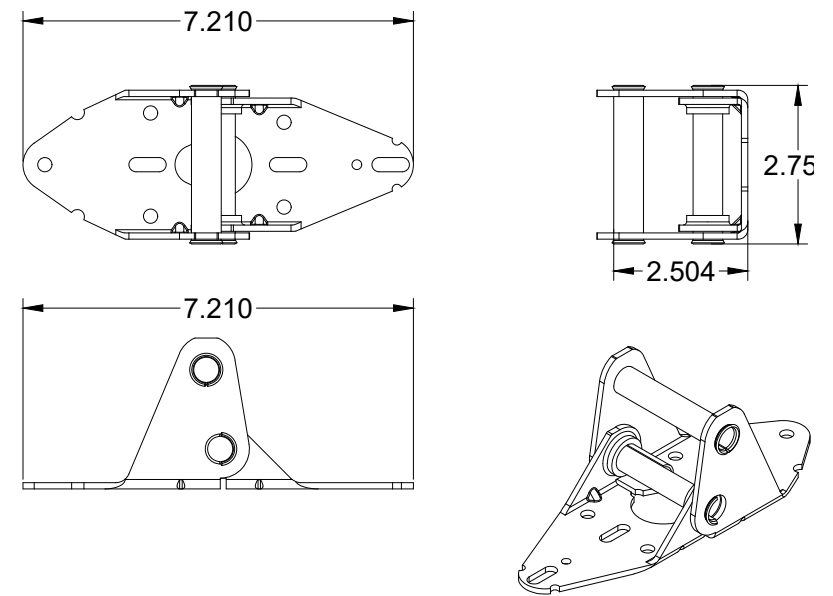
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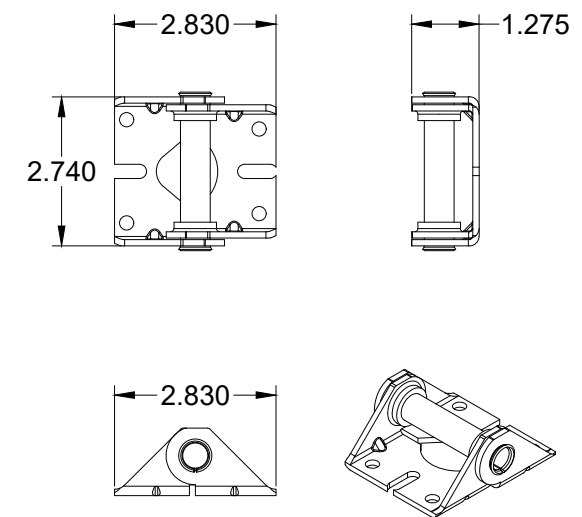
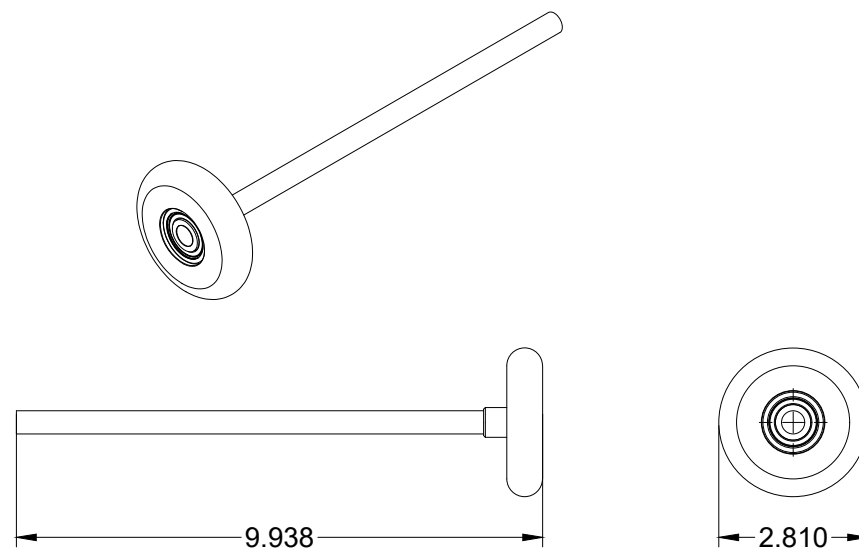
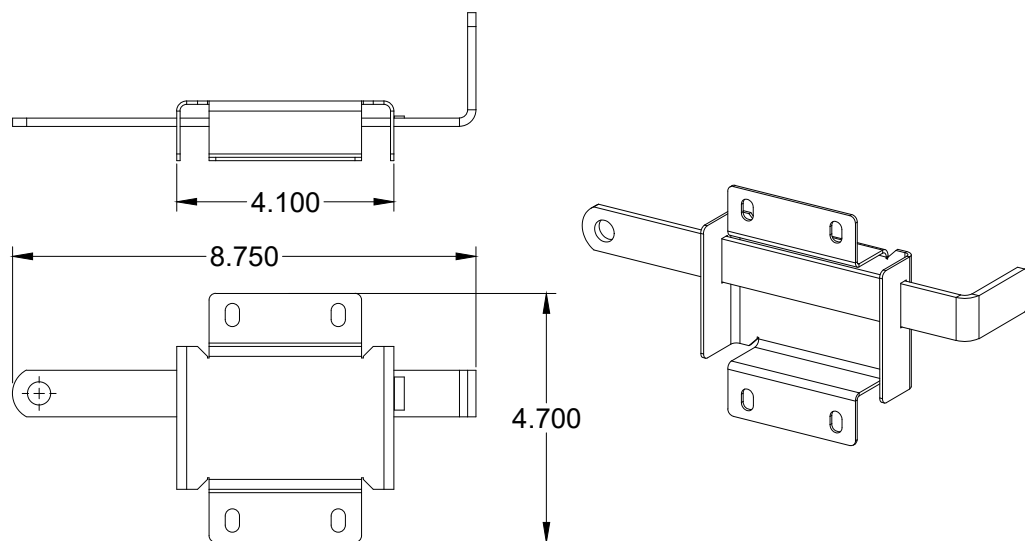




#3 ROLLER HINGE

#4 ROLLER HINGE

#5 ROLLER HINGE




○ SLIDE LOCK BOX & ASSM.

ROLLER



CUT DOWN HINGE

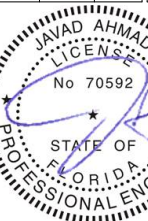
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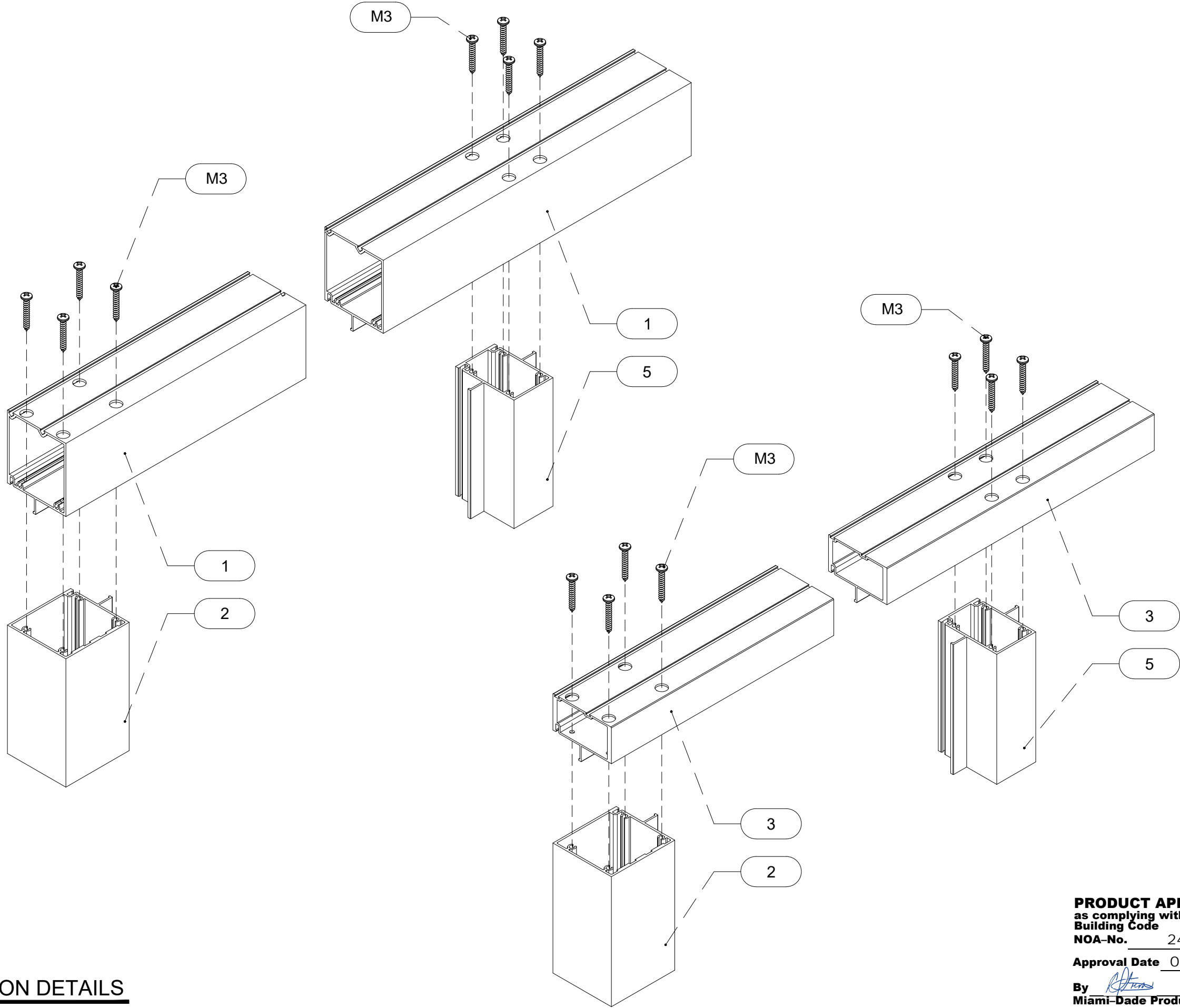
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<div>03/12/2024</div> <div></div>	date:		12-28-2023	REVISION			
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JA-1967-23							
HRDW	SHEET No. 10 OF 11		CAN EB# 34254				



INSTALLATION DETAILS



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By *[Signature]*
Miami-Dade Product Control



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