



**DEPARTMENT OF REGULATORY AND ECONOMIC RESOURCES (RER)
BOARD AND CODE ADMINISTRATION DIVISION
NOTICE OF ACCEPTANCE (NOA)**

**MIAMI-DADE COUNTY, FLORIDA
PRODUCT CONTROL SECTION**
11805 SW 26 Street, Room 208
T (786) 315-2590 F (786) 315-2599
www.miamidade.gov/economy

**Eco Window Systems, LLC
8502 NW 80th Street
Medley, FL 33166**

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 850-16 Aluminum and Glass Sectional Garage Door up to 16'-0" Wide

APPROVAL DOCUMENT: Drawing No. 17-12, titled "Series 850-16 Alum/Glass Sectional Garage Door (L.M.I.)", sheets 1 through 8 of 8, dated 04/25/17, with revision D dated 09/10/2020, prepared by Al-Farooq Corporation, signed and sealed by Jalal Farooq, P.E. on 10/07/2020, bearing the Miami-Dade County Product Control Section revision 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: A permanent label with the manufacturer's name or logo, manufacturing address, model/series 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 **revises and replaces** NOA # 17-0615.03 and consists of this page 1 and evidence pages E-1, E-2 and E-3, as well as approval document mentioned above.

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



**NOA No. 20-0722.07
Expiration Date: October 19, 2022
Approval Date: December 03, 2020
Page 1**

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

1. Evidence submitted under NOA # 17-0615.03

A. DRAWINGS

1. Manufacturer's die drawings and sections.
2. Drawing No. **17-12**, titled "Series 850-16 Alum/Glass Sectional Garage Door (L.M.I.)", sheets 1 through 8 of 8, dated 04/25/17, with Rev "B" dated 08/09/17, prepared by Al-Farooq Corporation, signed and sealed by Javad Ahmad, P.E.

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
4) Forced Entry Test, per FBC, TAS 202-94
along with marked-up drawings and installation diagram of 16'-0"x 8', Series 850 aluminum/glass sectional garage door, prepared by Fenestration Testing Laboratory, Inc., Test Report No. **FTL-9442**, dated 04/06/17, signed and sealed by Idalmis Ortega, P.E.

C. CALCULATIONS

1. Anchor verification calculations and structural analysis, complying with **FBC 5th Edition (2014)** and **FBC 6th Edition (2017)**, dated 06/13/17, prepared by Al-Farooq Corporation, signed and sealed by Javad Ahmad, 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. **16-1117.01** issued to **Kuraray America, Inc.** for their "**Trosifol® Ultraclear, Clear and Color PVB Glass Interlayers**" dated 01/19/17, expiring on 07/08/19.

F. STATEMENTS

1. Statement letter of conformance to **FBC 5th Edition (2014)** and **FBC 6th Edition (2017)**, and of no financial interest, dated 08/02/17, prepared by Al-Farooq Corporation, signed and sealed by Javad Ahmad, P.E.

G. OTHERS

1. None.



Carlos M. Utrera, P.E.
Product Control Examiner
NOA No. 20-0722.07
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2. New evidence submitted

A. DRAWINGS

1. Drawing No. **17-12**, titled “Series 850-16 Alum/Glass Sectional Garage Door (L.M.I.)”, sheets 1 through 8 of 8, dated 04/25/17, with revision D dated 09/10/2020, prepared by Al-Farooq Corporation, signed and sealed by Jalal Farooq, P.E. on 10/07/2020.

B. TESTS

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2) Large Missile Impact Test per FBC, TAS 201-94
3) Cyclic Wind Pressure Loading per FBC, TAS 203-94
4) Forced Entry Test, per FBC, TAS 202-94
along with marked-up drawings and installation diagram of 16’-0”x 8’, Series 850 aluminum/glass sectional garage door, prepared by Fenestration Testing Laboratory, Inc., Test Report No. **FTL-9442**, dated 04/06/2017, revised on 07/09/2020 and on 10/05/2020, signed and sealed by Idalmis Ortega, P.E.

C. CALCULATIONS

1. Anchor verification calculations and structural analysis, complying with **FBC 6th Edition (2017)** and **FBC 7th Edition (2020)**, dated 07/09/2020, with revision dated 10/06/2020, prepared by Al-Farooq Corporation, signed and sealed by Jalal Farooq, P.E.
2. Glazing complies with **ASTM E1300-09/-16**.

D. QUALITY ASSURANCE

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

E. MATERIAL CERTIFICATIONS

1. Notice of Acceptance No. **19-0305.02** issued to **Kuraray America, Inc.** for their “**Trosifol® Ultraclear, Clear and Color PVB Glass Interlayers**” dated 05/09/2019, expiring on 07/08/2024.



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F. STATEMENTS

1. Statement letter of conformance to **FBC 6th Edition (2017)** and **FBC 7th Edition (2020)**, and of no financial interest, dated 07/09/2020, prepared by Al-Farooq Corporation, signed and sealed by Jalal Farooq, P.E.
2. Statement letter confirming the material tested was 14 ga. galvanized steel for all hinges, side tracks and installation angle, issued by Fenestration Testing Laboratory, Inc., dated 10/22/2020, signed and sealed by Idalmis Ortega, P.E.

G. OTHERS

1. Notice of Acceptance No. **17-0615.03** issued to **Eco Window Systems, LLC** for their “**Series 850-16 Aluminum and Glass Sectional Garage Door up to 16’-0” Wide**” dated 10/19/2017, expiring on 10/19/2022.

END OF THIS ACCEPTANCE



Carlos M. Utrera, P.E.
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NOTE:
GLASS CAPACITIES ARE
BASED ON ASTM E1300-09 (3 SEC. GUSTS)
AND FLORIDA BUILDING COMMISSION
DECLARATORY STATEMENT DCA05-DEC-219

THESE DOORS ARE RATED FOR LARGE & SMALL MISSILE IMPACT.
SHUTTERS ARE NOT REQUIRED.

SERIES 850-16
ALUMINUM/GLASS SECTIONAL GARAGE DOOR

THIS PRODUCT HAS BEEN DESIGNED AND TESTED TO COMPLY WITH THE
REQUIREMENTS OF THE 2017 (6TH EDITION)/2020 (7TH EDITION) FLORIDA
BUILDING CODE INCLUDING HIGH VELOCITY HURRICANE ZONE (HVHZ).

WOOD BUCKS & BUCK FASTENERS BY OTHERS, MUST BE DESIGNED AND
INSTALLED ADEQUATELY TO TRANSFER APPLIED PRODUCT LOADS TO THE
BUILDING STRUCTURE.

ANCHORS SHALL BE CORROSION RESISTANT, SPACED AS SHOWN ON DETAILS
AND INSTALLED PER MANUF'S INSTRUCTIONS. SPECIFIED EMBEDMENT TO BASE
MATERIAL SHALL BE BEYOND WALL DRESSING OR STUCCO.

A LOAD DURATION INCREASE IS USED IN DESIGN OF ANCHORS INTO WOOD ONLY.

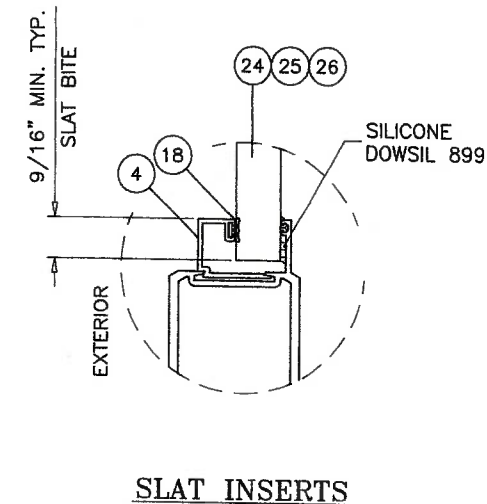
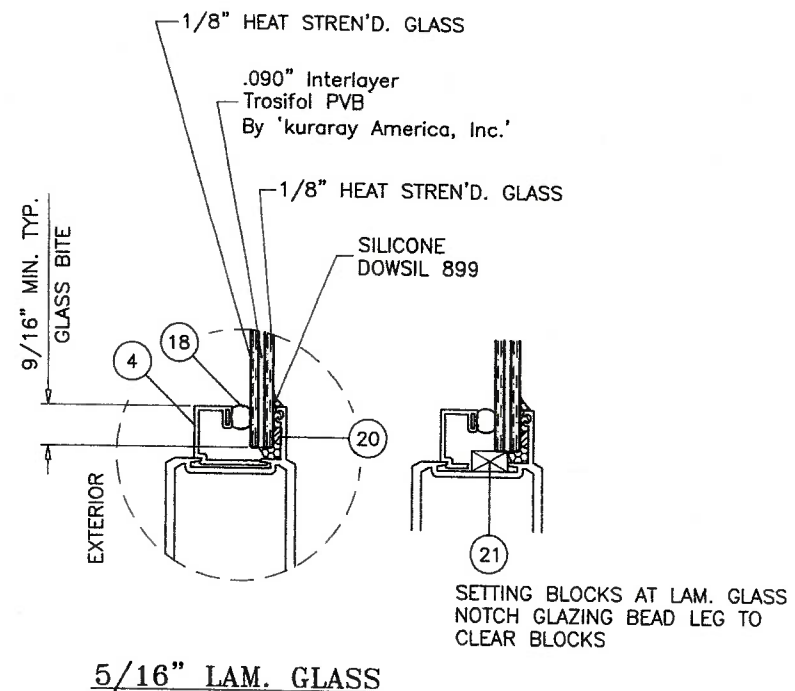
ALL SHIMS TO BE HIGH IMPACT, NON-METALLIC AND NON-COMPRESSIBLE.

MATERIALS INCLUDING BUT NOT LIMITED TO STEEL/METAL SCREWS, THAT
COME INTO CONTACT WITH OTHER DISSIMILAR MATERIALS SHALL MEET THE
REQUIREMENTS OF THE 2017/2020 FLORIDA BLDG. CODE & ADOPTED STANDARDS.

THIS PRODUCT APPROVAL IS GENERIC AND DOES NOT PROVIDE INFORMATION
FOR A SITE SPECIFIC PROJECT, i.e. LIFE SAFETY OF THIS PRODUCT, ADEQUACY
OF STRUCTURE RECEIVING THIS PRODUCT AND SEALING AROUND OPENING FOR
WATER INFILTRATION RESISTANCE ETC.
CONDITIONS NOT SHOWN IN THIS DRAWING ARE TO BE ANALYZED SEPARATELY,
AND TO BE REVIEWED BY BUILDING OFFICIAL.

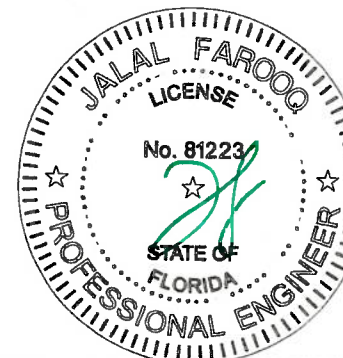
DESIGN LOADS SHOWN ARE BASED ON 'ALLOWABLE STRESS DESIGN (ASD)'.

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.



GLAZING OPTIONS

PRODUCT REVISED
as complying with the Florida
Building Code
NOA-No. 20-0722.07
Expiration Date 10/19/2022
By *[Signature]*
Miami-Dade Product Control



Sealed: 10/7/2020

AL-FAROOQ CORPORATION
ENGINEERS & PRODUCT DEVELOPMENT
9360 SUNSET DRIVE, SUITE 220
MIAMI, FLORIDA 33173
TEL. (305) 262-6978
FAX. (305) 262-6978
GARAGE 17-12ECO

SERIES 850-16 ALUM/GLASS SECTIONAL GARAGE DOOR (L.M.I.)
ECO WINDOW SYSTEMS, LLC.
8502 N.W. 80th STREET
MEDLEY, FL. 33166
TEL. (305) 885-5299
FAX (305) 885-5902

revisions:		description	
no	date	by	description
A	07.26.17	UPDATED TO 2017 FBC	
B	08.09.17	NO CHANGE THIS SHEET	
C	06.20.20	GENERAL REVISION	
D	09.10.20	REV. PER RER COMMENTS	

date:	04-25-17
scale:	3/8" = 1"
dr. by:	TARIQ
chk. by:	

drawing no.	17-12
sheet	1 of 8

5-1/2" X 2-3/4" X 14 GA.
GALV. STEEL TOP BRACKET
W/ (6) #14 X 3/4"
HWH SELF DRILLING SCREWS

7-1/4" X 2-5/8" X 14 GA.
GALV. STEEL END ROLLER HINGE
W/ (4) #14 X 3/4"
HWH SELF DRILLING SCREWS

7-1/4" X 2-5/8" X 14 GA.
GALV. STEEL HINGE
W/ (4) #14 X 3/4"
HWH SELF DRILLING SCREWS

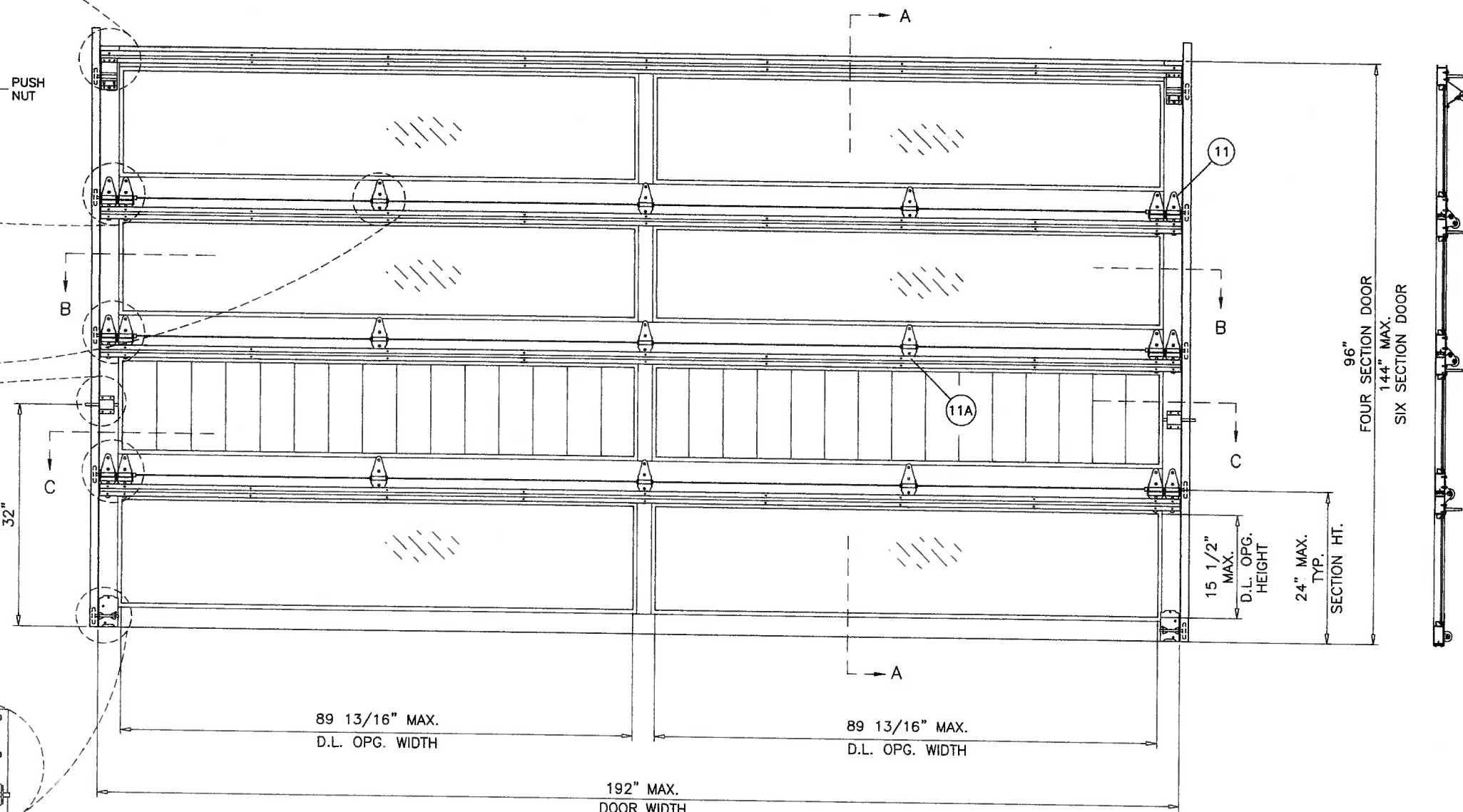
2/ DOOR

1" W X .15 THK. LATCH

STANDARD LOCK
SPRING LOADED SLIDE BOLT (BOTH SIDES)
FASTENED W/ (4) #14 X 3/4"
HWH SELF DRILLING SCREWS
5/8" MIN. LOCK ENGAGEMENT
CONFORMS TO SECTION 1008
REGARDING GARAGE DOORS

.158 DIA. GALV. STEEL
CABLE & NICO-PRESS SLEEVE
W/ MIN. 5 TO 1 SAFETY FACTOR

7-7/8" X 3-1/8" X 14 GA.
GALV. STEEL PLATE
WITH (4) #14 X 3/4" HWH SDS



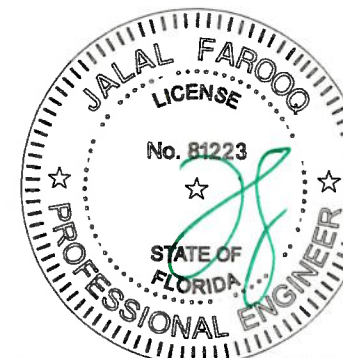
INTERIOR ELEVATION

MAXIMUM DESIGN LOAD RATING = + 40.0 PSF
(FOR SIZES SHOWN OR SMALLER) - 45.0 PSF

NOMINAL DOOR HEIGHT	NO. OF SECTIONS
8'-0"	4 SECTIONS
10'-0"	5 SECTIONS
12'-0"	6 SECTIONS

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Miami-Dade Product Control

Sealed: 10/7/2020



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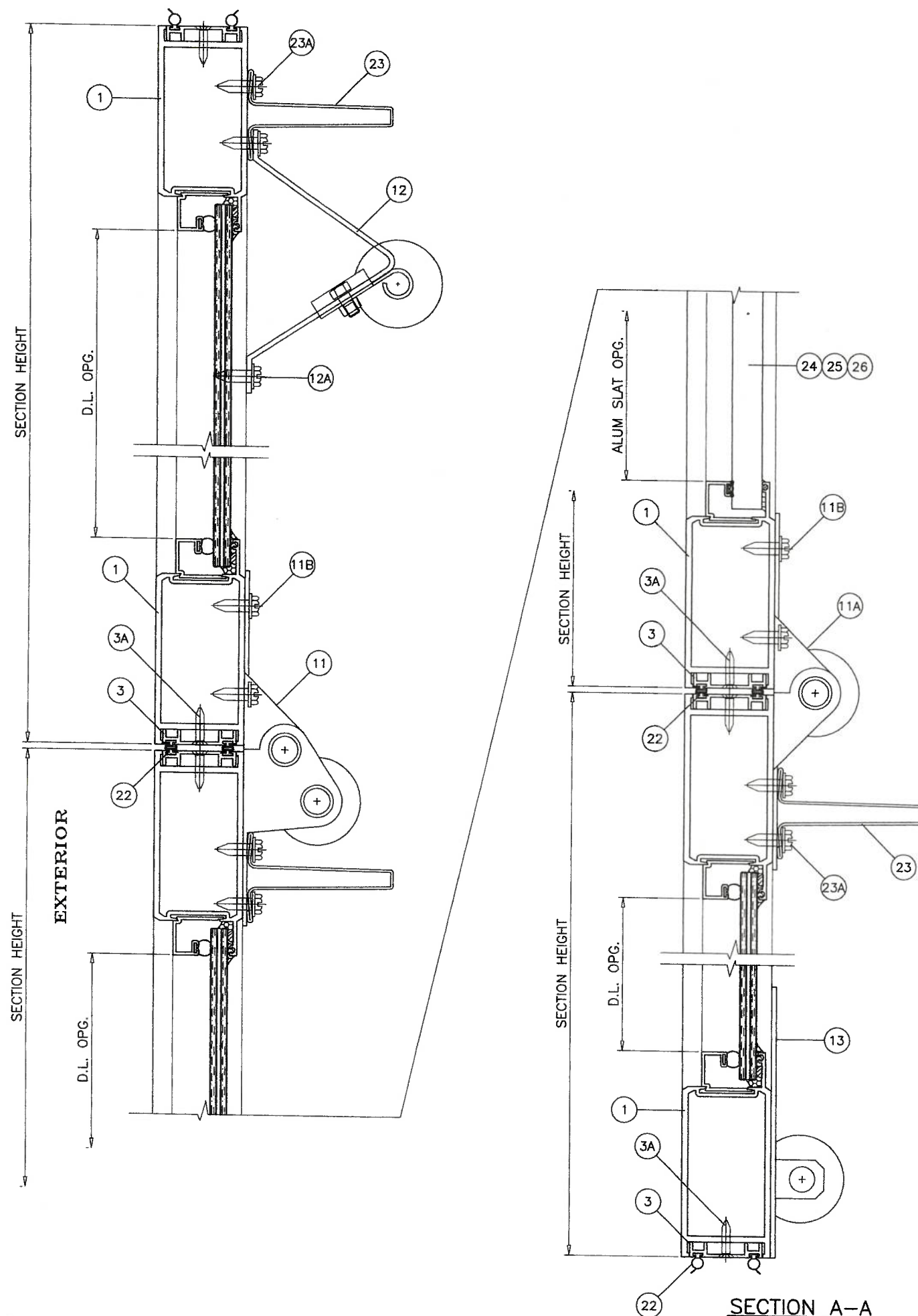
revisions:

no	date	by	description
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dr. by: TARIQ
chk. by:

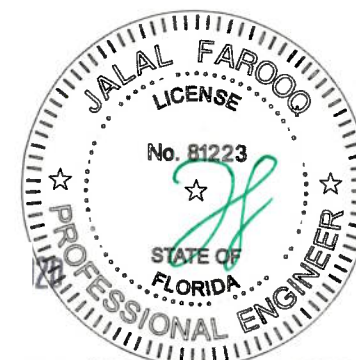
drawing no.
17-12
sheet 2 of 8

GARAGE 17-12ECO



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 By *[Signature]*
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Sealed: 10/7/2020

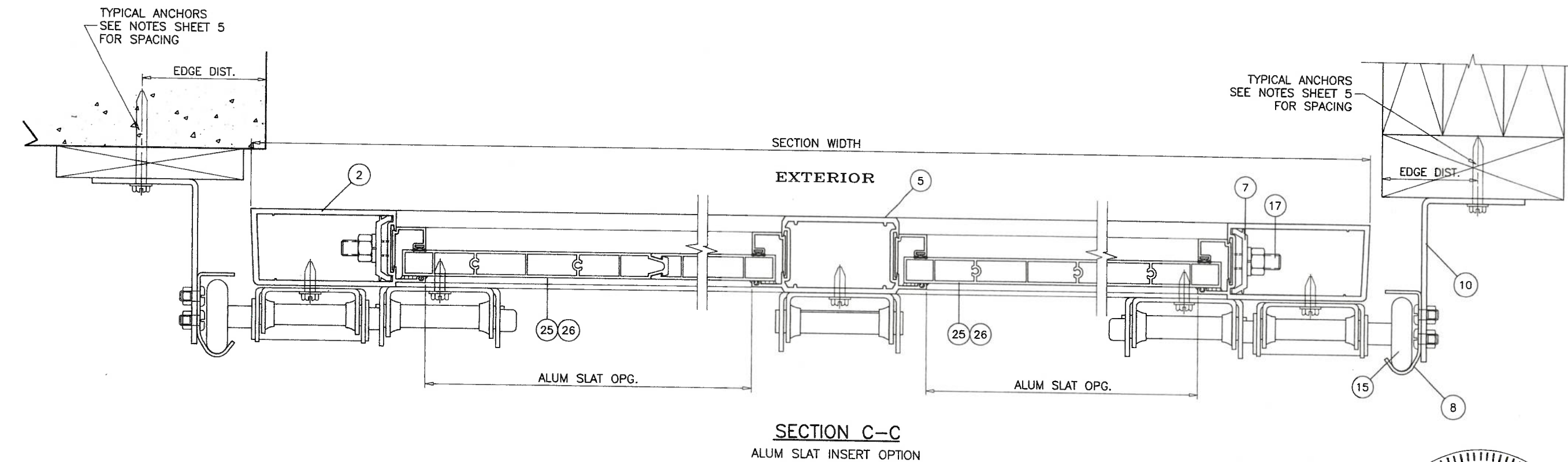
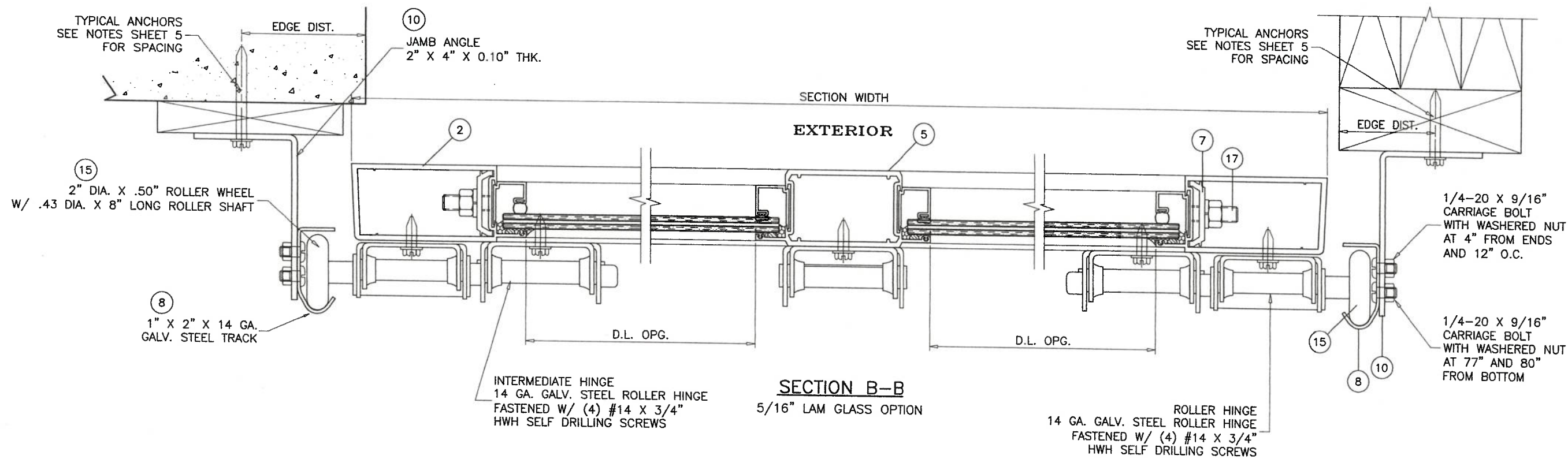


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scale:	3/8" = 1"	A	07.26.17			NO CHANGE THIS SHEET
dr. by:	TARIQ	B	08.09.17			REV. PER RER COMMENTS
chk. by:		C	06.20.20			GENERAL REVISION
		D	09.10.20			NO CHANGE THIS SHEET

drawing no.
 17-12
 sheet 3 of 8

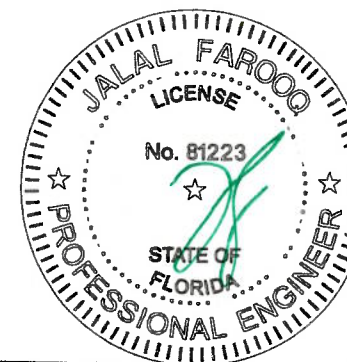
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AL-FAROOQ CORPORATION
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date:	04-25-17
scale:	3/8" = 1"
dr. by:	TARIQ
chk. by:	

drawing no.	17-12
sheet	4 of 8

TYPICAL ANCHORS:

5/16" DIA. ULTRACON BY 'DEWALT' (Fu=177 KSI, Fy=155 KSI)

THRU 1BY OR 2BY BUCKS INTO CONCRETE
2" MIN. EMBED INTO CONCRETE
AT 4" FROM BOTTOM AND 8-3/4" O.C. MAX.

DIRECTLY INTO CONCRETE
2" MIN. EMBED INTO CONCRETE
AT 4" FROM BOTTOM AND 8-3/4" O.C. MAX.

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 7-1/4" O.C. MAX.
4" MIN. EDGE DISTANCE

5/16" DIA. DRIL-FLEX SCREWS BY 'DEWALT' (Fu=100 KSI, Fy=65 KSI)

INTO METAL STRUCTURES
AT 4" FROM BOTTOM AND 8-3/4" O.C. MAX.
STEEL: 1/8" THK. MIN. (Fy = 36 KSI MIN.)
(STEEL IN CONTACT WITH ALUMINUM TO BE PLATED OR PAINTED)

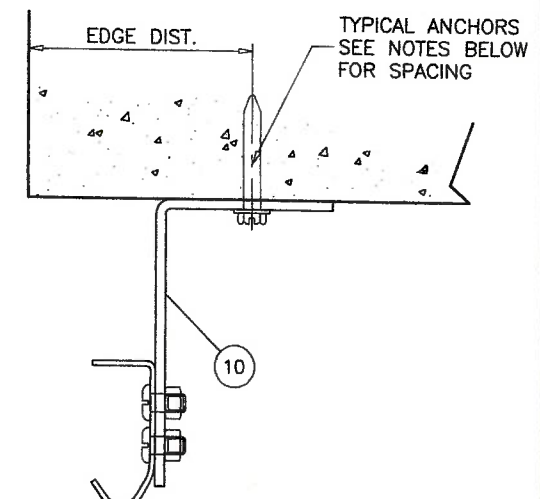
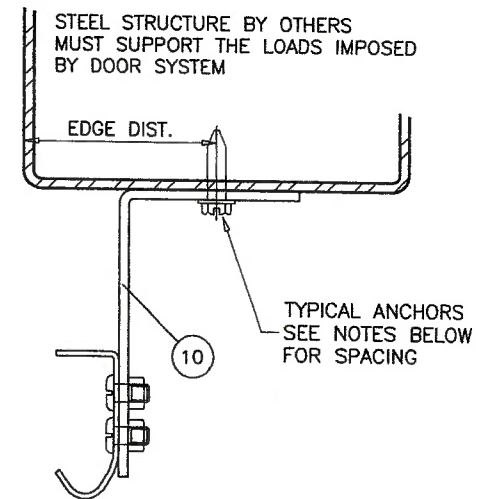
5/16" DIA. LAG SCREWS

INTO WOOD STRUCTURES
2-1/4" MIN. PENETRATION INTO WOOD
AT 4" FROM BOTTOM AND 12" O.C. MAX.

TYPICAL EDGE DISTANCE

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

WOOD SG = 0.55 MIN.
CONCRETE f'c = 3000 PSI MIN.
C-90 GROUT FILLED BLOCK f'm = 2000 PSI MIN.



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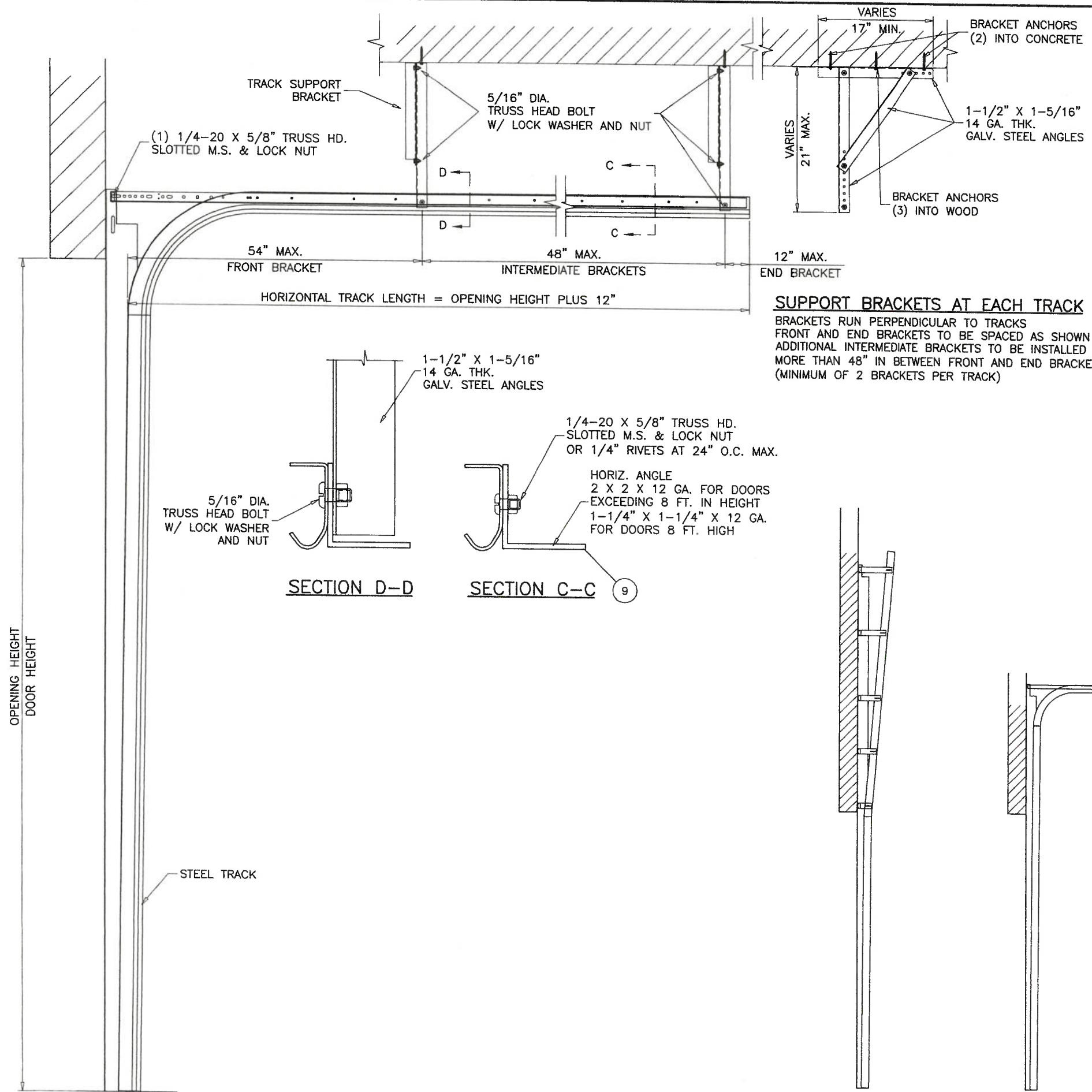
By *[Signature]*
Miami-Dade Product Control

Sealed: 10/7/2020



af c	
AL-FAROOQ CORPORATION ENGINEERS & PRODUCT DEVELOPMENT 9360 SUNSET DRIVE, SUITE 220 MIAMI, FLORIDA 33173 (C.A.N. 3538) TEL. (305) 264-8100 FAX. (305) 262-6978	
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scale: 3/8" = 1"	
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drawing no.	
17-12	
sheet 5 of 8	

GARAGE 17-12ECO



SUPPORT BRACKETS 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
 MORE THAN 48" IN BETWEEN FRONT AND END BRACKETS.
 (MINIMUM OF 2 BRACKETS PER TRACK)

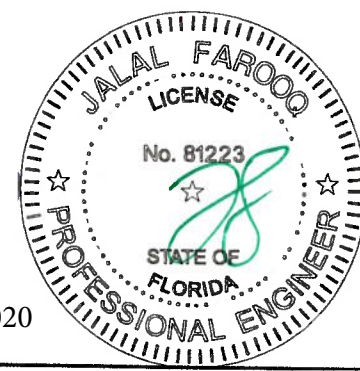
BRACKET ANCHORS:
(3) 5/16" DIA. LAG SCREWS
 INTO WOOD STRUCTURES, (S.G.=0.50)
 1-1/2" MIN. PENETRATION
(2) 1/4" DIA. ULTRACON+ BY 'DEWALT' (Fu=164 KSI, Fy=148 KSI)
 INTO CONCRETE, 3000 PSI MIN.
 1-3/4" MIN. EMBED
 ANCHORING TO CEILING OTHER THAN WOOD OR CONCRETE
 TO BE REVIEWED SEPARATELY.

NOTE:
 IT SHALL BE VERIFIED THAT THE CEILING STRUCTURE
 CAN SUSTAIN LOADS IMPOSED BY 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.

SECTION D-D SECTION C-C

VERTICAL LIFT HIGH LIFT STANDARD LIFT
 AVAILABLE TRACK OPTIONS

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 as complying with the Florida
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GARAGE 17-12ECO

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 8502 N.W. 80th STREET
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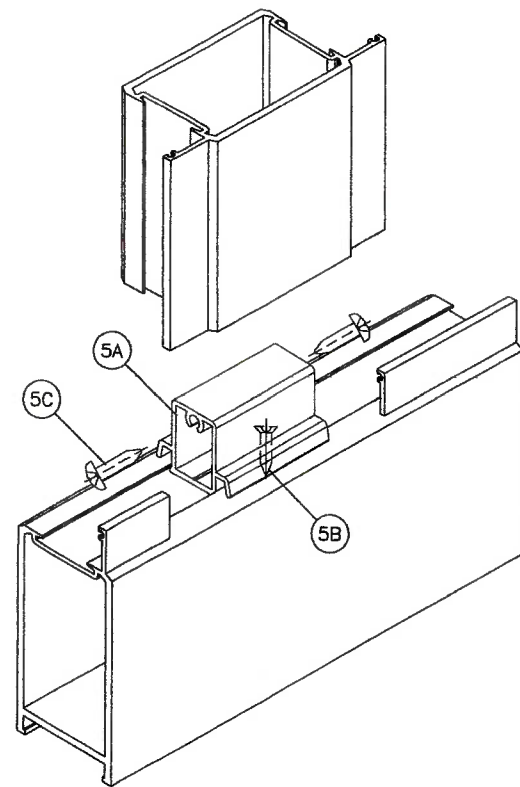
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date: 04-25-17
 scale: 1/16" = 1"
 dr. by: TARIQ
 chk. by:

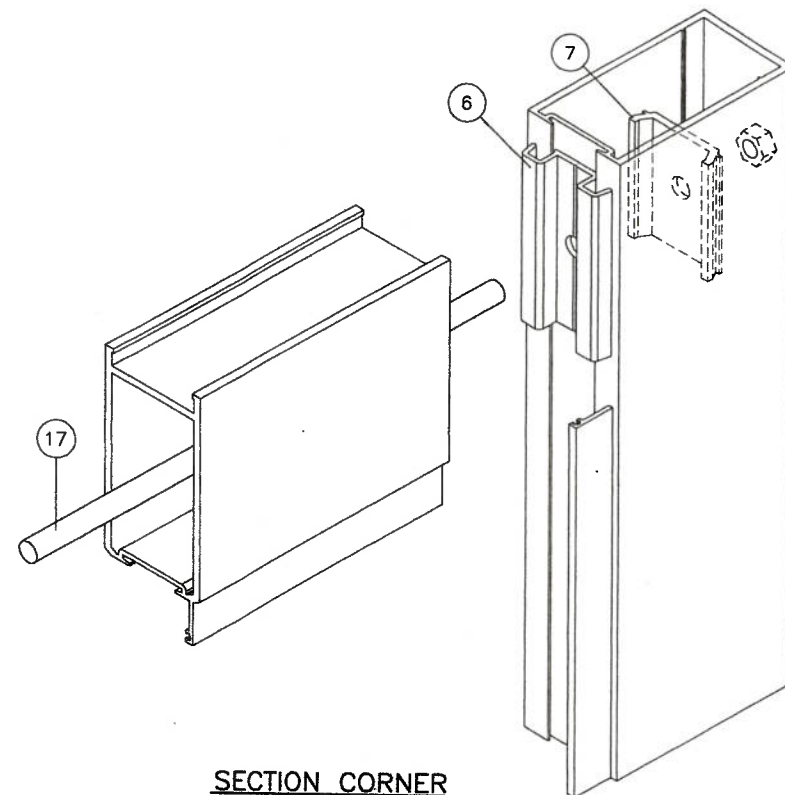
drawing no.
17-12
 sheet 6 of 8

TRACK DETAIL

Sealed: 10/7/2020



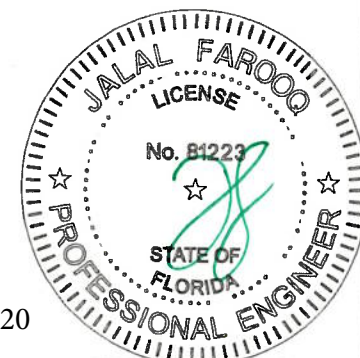
DIVIDER STILE CORNER



**SECTION CORNER
TOP & BOTTOM RAIL**

ITEM #	PART #	REQD.	DESCRIPTION	MATERIAL	MANF./SUPPLIER/REMARKS
1	E805	2	TOP AND BOTTOM RAIL	6063-T6	-
2	E806	2	SIDE RAIL	6063-T6	-
3	E608	AS REQD.	W'STRIP ADAPTER	6063-T6	-
3A	#10 X 3/4"	AS REQD.	ADAPTER FASTENERS AT 6" FROM ENDS & 12" O.C.	GALV. STEEL	FH SELF DRILLING SCREWS
4	E614	AS REQD.	GLAZING BEAD	6063-T6	-
5	E821	AS REQD.	DIVIDER STILE	6063-T6	-
5A	E822	AS REQD.	DIVIDER SHEAR BLOCK	6063-T6	-
5B	#10 X 3/4"	AS REQD.	SHEAR BLOCK FASTENERS	GALV. STEEL	FH SELF DRILLING SCREWS
5C	#12 X 1-1/2"	AS REQD.	DIVIDER ASSEMBLY SCREWS	GALV. STEEL	TC MS
6	E612	4/ SECTION	ALIGNMENT BRACKET	6063-T6	-
7	E613	4/ SECTION	CLAMP	6063-T6	-
8	-	2	DOOR TRACK	GALV. STEEL	-
9	-	2	HORIZONTAL ANGLE	GALV. STEEL	Fy MIN. = 50 KSI
10	-	AS REQD.	JAMB ANGLE	GALV. STEEL	Fy MIN. = 42 KSI
11	-	AS REQD.	ROLLER HINGES	GALV. STEEL	-
11A	-	AS REQD.	ROLLER/CENTER HINGES	GALV. STEEL	-
11B	#14 X 3/4"	AS REQD.	HINGE FASTENERS	GALV. STEEL	HWH SELF DRILLING SCREWS
12	-	2	TOP BRACKET	GALV. STEEL	-
12A	#14 X 3/4"	6/ BRACKET	BRACKET FASTENERS	GALV. STEEL	HWH SELF DRILLING SCREWS
13	-	2	BOTTOM FIXTURE	GALV. STEEL	-
14	-	2	STANDARD LOCK	-	-
15	-	AS REQD.	2" ROLLER WITH 8" STEM	STEEL	-
16	H107	2	5/32" SPRING LIFT CABLE	GALV. STEEL	-
17	-	-	3/8" DIA. THREADED ROD & NUT	STEEL	-
18	-	AS REQD.	GLAZING VINYL	EPDM	DUROMETER 70±5 SHORE A
20	-	-	GLASS SPACER	SILICONE	FRANK LOWE RUBBER CO.
21	-	2/ LITE	SETTING BLOCK, 1/4" X 1/2" X 4" LONG	EPDM	AT 6" FROM EACH END, DUROMETER 65±5
22	E20618-KN-3020	-	BULB W'STRIPPING	SANTOPRENE	EPDM
23	-	1	REINFORCING TRUSS, FULL LENGTH	GALV. STEEL	Fy MIN. = 50 KSI
23A	#14 X 3/4"	AS REQD.	TRUSS FASTENERS, AT 1-1/2" FROM ENDS & 24" O.C.	GALV. STEEL	HWH SELF DRILLING SCREWS
24	EK-5	AS REQD.	INTERMEDIATE SLAT	6063-T5	-
25	EK-2	AS REQD.	END SLAT, TYPE 1	6063-T5	-
26	EK-3	AS REQD.	END SLAT, TYPE 2	6063-T5	-

PRODUCT REVISED
as complying with the Florida
Building Code
NOA-No. 20-0722.07
Expiration Date 10/19/2022
By *[Signature]*
Miami-Dade Product Control



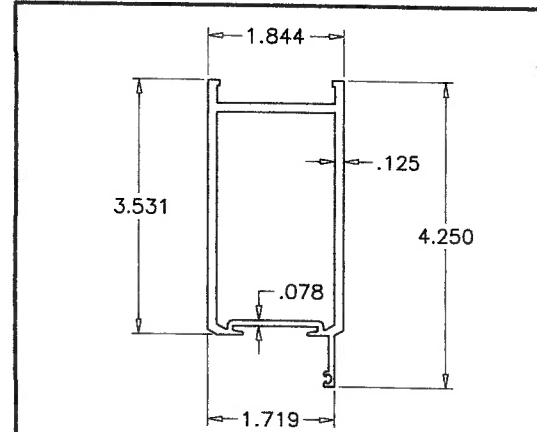
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AL-FAROOQ CORPORATION
ENGINEERS & PRODUCT DEVELOPMENT
9360 SUNSET DRIVE, SUITE 220
MIAMI, FLORIDA 33173 (C.A.N. 3538)
TEL. (305) 264-8100 FAX. (305) 262-6978

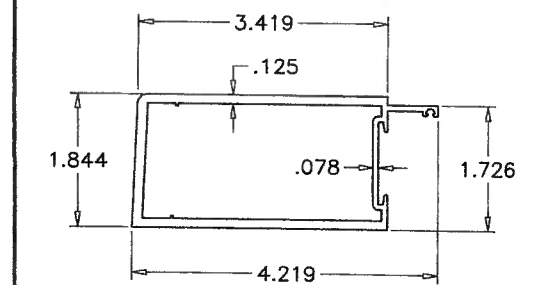
SERIES 850-16 ALUM/GLASS SECTIONAL GARAGE DOOR (L.M.I.)
ECO WINDOW SYSTEMS, LLC.
8502 N.W. 80th STREET
MEDLEY, FL. 33166
TEL. (305) 885-5299 FAX (305) 885-5902

revisions:	no	date	by	description
	A	07.26.17		NO CHANGE THIS SHEET
	B	08.09.17		REV. PER PER COMMENTS
	C	06.20.20		GENERAL REVISION
	D	09.10.20		NO CHANGE THIS SHEET

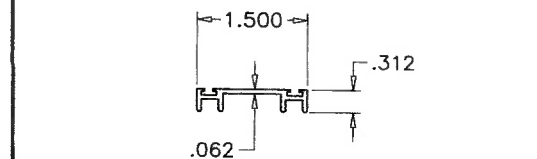
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drawing no. 17-12		sheet 7 of 8	



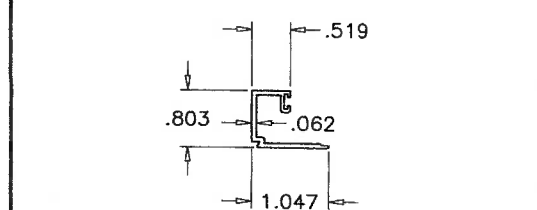
1 TOP/BOTTOM RAIL



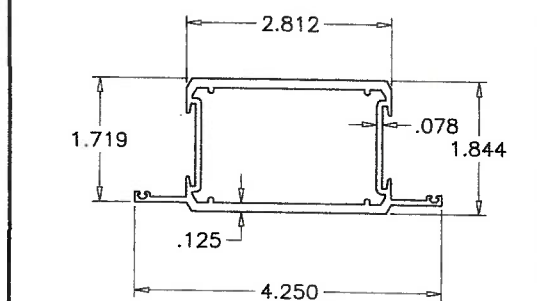
2 SIDE RAIL



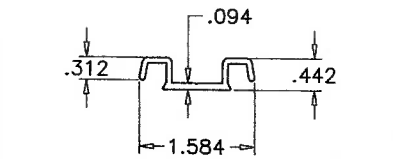
3 W'STRIP ADAPTER



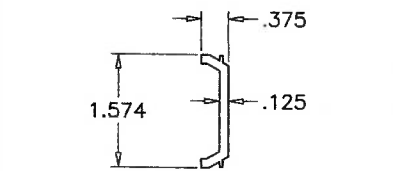
4 GLAZING BEAD



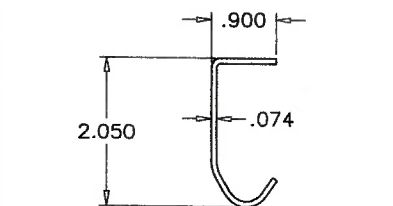
5 DIVIDER STILE



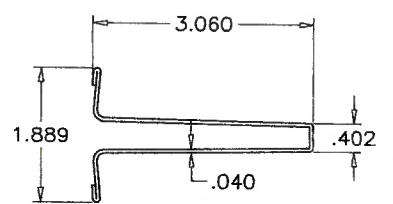
6 ALIGNMENT BRACKET



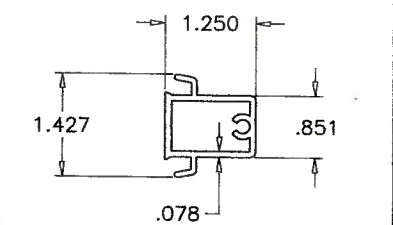
7 CLAMP



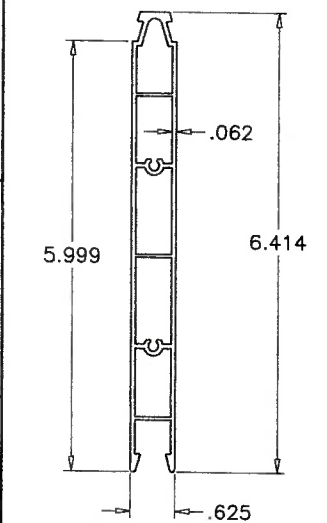
8 DOOR TRACK



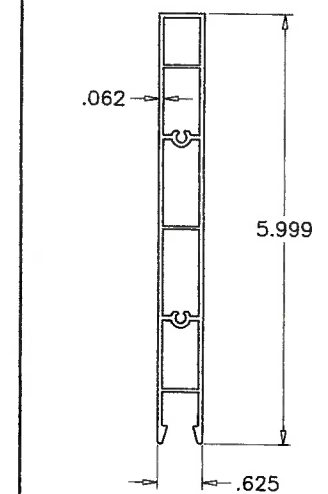
23 REINF. TRUSS



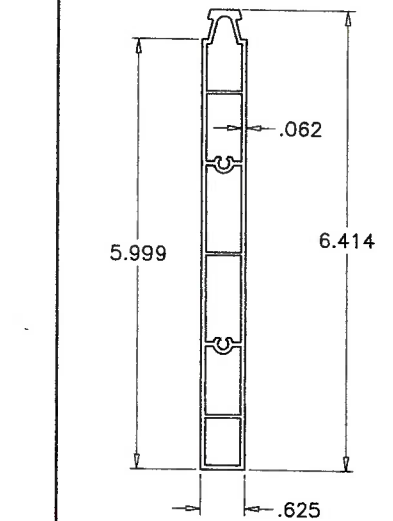
5A DIVIDER SHEAR BLOCK



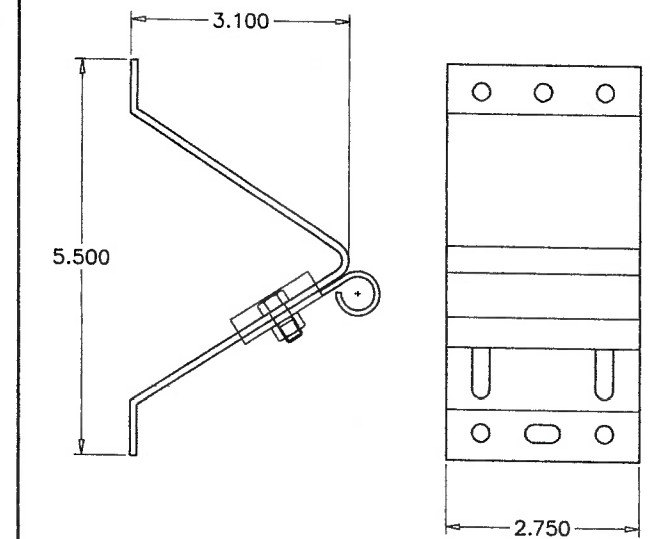
24 INTERMEDIATE SLAT



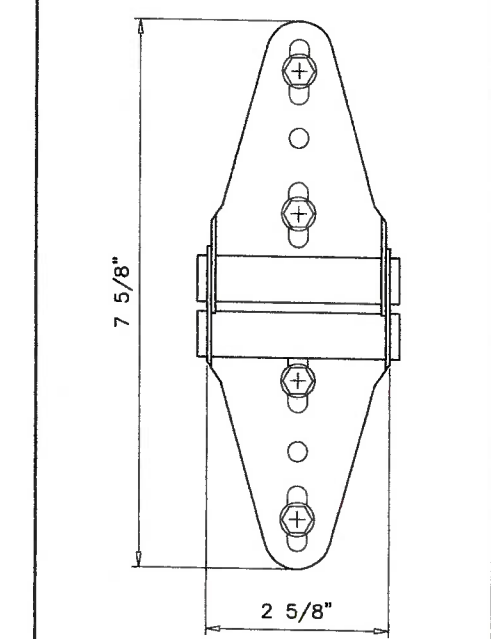
25 END SLAT TYPE 1



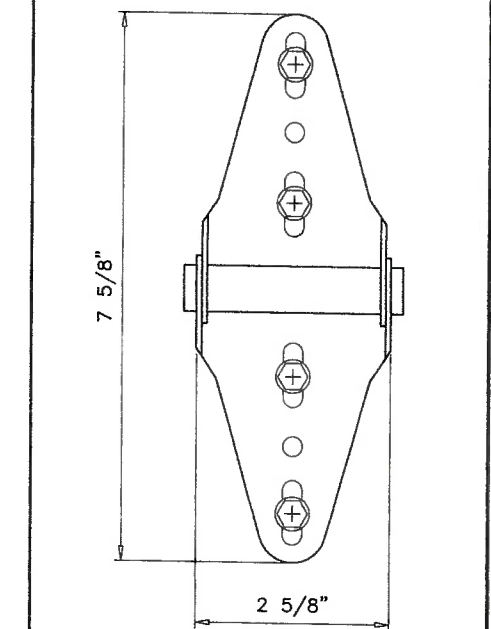
26 END SLAT TYPE 2



12 TOP FIXTURE

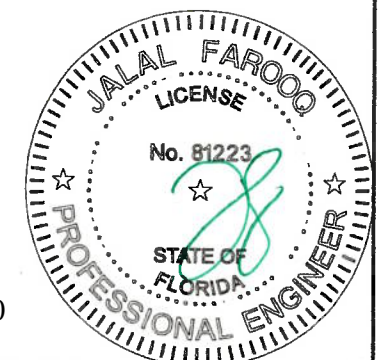


11 ROLLER HINGE



11A ROLLER/CENTER HINGE

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GARAGE 17-12ECO

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