

LIMITS FOR GLASS TYPE 'G1' MAX. D.L. OPNG WIDTH = 134-5/8" MAX. DESIGN LOADS = +60.0, -60.0 PSF

GLASS TYPE 'G2' 5/16" OVERALL LAM. GLASS

-1/8" HEAT STREN'D GLASS

.090" Interlayer

By 'kuraray America, Inc.'

-1/8" HEAT STREN'D GLASS

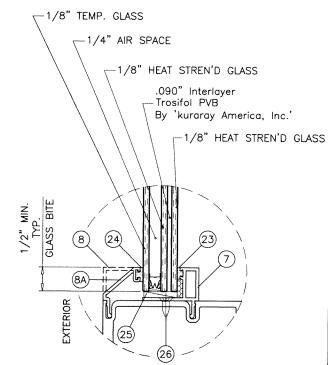
SILICONE

DOWSIL 995

Trosifol PVB

LIMITS FOR GLASS TYPE 'G2' MAX. D.L. OPNG WIDTH = 103-5/8" MAX. DESIGN LOADS = +46.0, -56.0 PSF

**GLAZING OPTIONS** 



GLASS TYPE 'G3' 11/16" OVERALL INSUL. LAM. GLASS

LIMITS FOR GLASS TYPE 'G3' MAX. D.L. OPNG WIDTH = 65-5/8" MAX. DESIGN LOADS = +60.0, -60.0 PSF

MAX. D.L. OPNG WIDTH = 103-5/8" MAX. DESIGN LOADS = +46.0, -56.0 PSF

BIE

(8A)

## Coastline Garage Door Glass IZ4 (12')

THESE DOORS ARE RATED FOR LARGE & SMALL MISSILE IMPACT.

BASED ON ASTM E1300-09 (3 SEC. GUSTS)

DECLARATORY STATEMENT DCA05-DEC-219

AND FLORIDA BUILDING COMMISSION

THIS PRODUCT HAS BEEN DESIGNED AND TESTED TO COMPLY WITH THE REQUIREMENTS OF THE 2020 (7TH EDITION)/2023 (8TH EDITION) FLORIDA BUILDING CODE INCLUDING HIGH VELOCITY HURRICANE ZONE (HVHZ).

1BY OR 2BY 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 2020/2023 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.

DOORS APPROVED FOR INSTALLATIONS WHERE AIR INFILTRATION RESISTANCE IS REQUIRED

Test Pressure = 6.24 Psf Measured Flow =  $0.04 \text{ cfm/ft}^2$ 

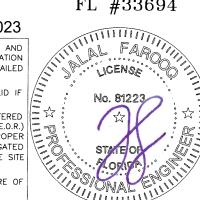
NOTE:

GLASS CAPACITIES ARE

SHUTTERS ARE NOT REQUIRED.

## Sealed: 7/26/2023

- 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
- B- THIS PRODUCT EVALUATION DOCUMENT WILL BE CONSIDERED INVALID IF ALTERED BY ANY MEANS.
- 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.
- D— THIS P.E.D. SHALL BEAR THE DATE AND ORIGINAL SEAL AND SIGNATURE OF THE PROFESSIONAL ENGINEER OF RECORD THAT PREPARED IT.



date 12.18.18 08.27.20 10.18.21 07.25.23 16 جَ Ę. å. drawing no.

FL #33694 16-06 sheet 1 of 8

GARAGE\

**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

(12')

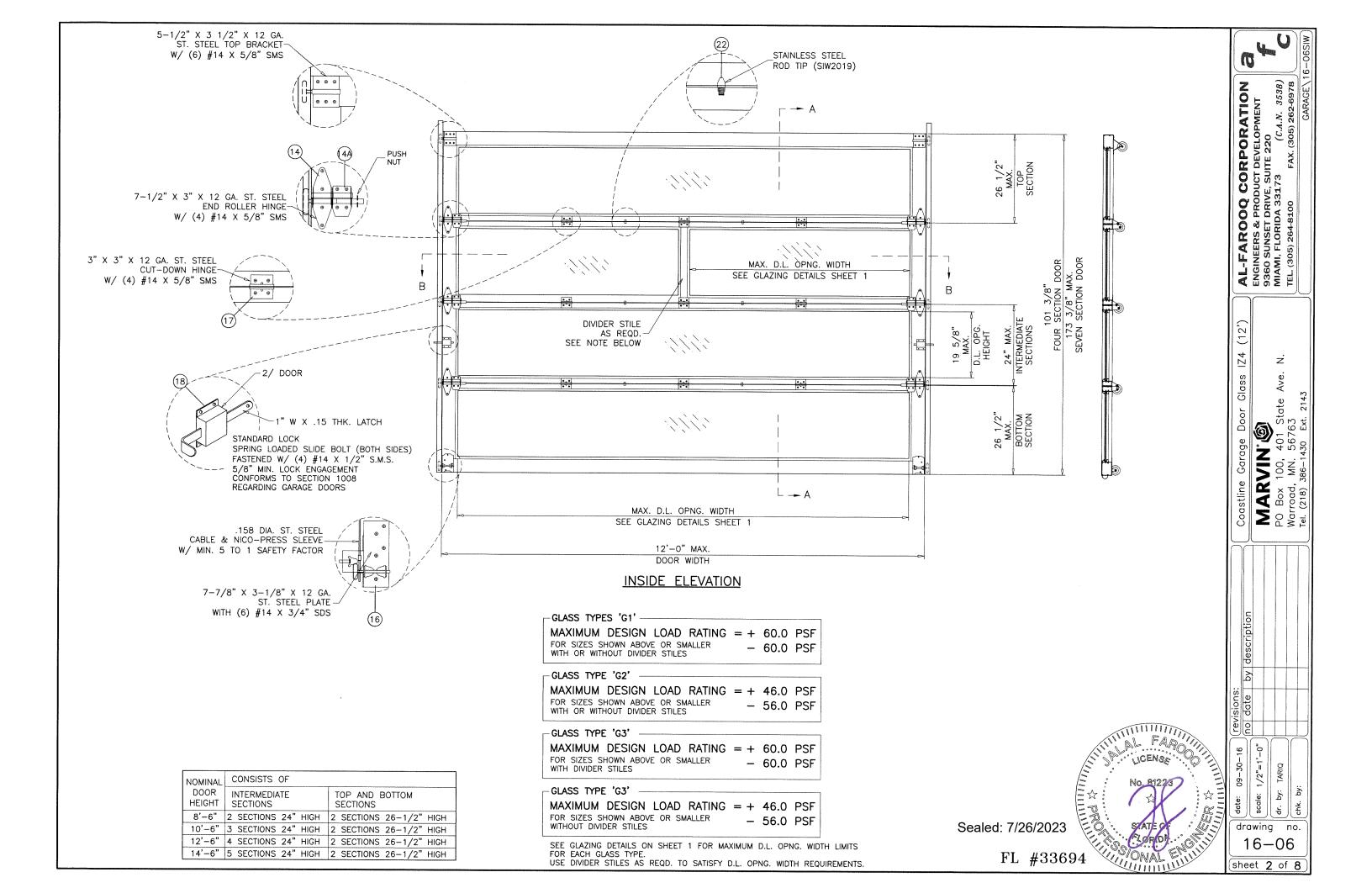
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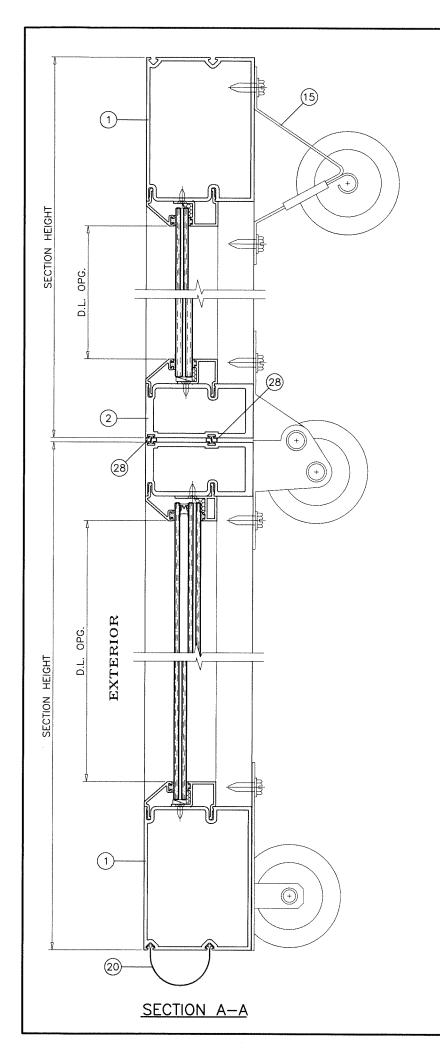
Glass

ż Ave.

Door

**MARVIN** Coastline PO War





ITEM #	PART #	REQD.	DESCRIPTION	MATERIAL	MANF./SUPPLIER/REMARKS
1	SIW2001	2	TOP AND BOTTOM RAIL	6063-T6	_
2	SIW2002	AS REQD.	INTERMEDIATE RAIL	6063-T6	_
3	SIW2004	2/ SECTION	VERTICAL END STILE	6063-T6	
4	SIW816	AS REQD.	VERTICAL DIVIDER STILE	6063-T6	OPTIONAL
5	SIW2005	4/ SECTION	INTERIOR GLASS STOP (5/16" GLASS)	6063-T6	_
5A	SIW2007	4/ SECTION	ALT. INTERIOR GLASS STOP (5/16" GLASS)	6063-T6	
6	SIW2012	4/ SECTION	INTERIOR GLASS STOP (7/16" GLASS)	6063-T6	_
7	SIW2013	4/ SECTION	INTERIOR GLASS STOP (INSUL. LAM. GLASS)	6063-T6	
8	SIW2006	4/ SECTION	EXTERIOR GLASS STOP	6063-T6	_
8A	SIW2008	4/ SECTION	ALT. EXTERIOR GLASS STOP	6063-T6	
9	SIW2009	AS REQD.	SEAL HOUSING	6063-T6	-
10	SIW303	AS REQD.	SNAP COVER	6063-T6	_
11	AMLOW 201	2	DOOR TRACK (2" ROLLERS)	GALV. STEEL	_
11A	SIW2015	2	DOOR TRACK (3" ROLLERS)	GALV. STEEL	_
12	AMLOW 200	2	INSTALLATION ANGLE (2" TRACK)	GALV. STEEL	_
12A	SIW2015B	2	INSTALLATION ANGLE (3" TRACK)	GALV. STEEL	-
13	AMLOW202	AS REQD.	TRACK BRACKET (2" TRACK)	GALV. STEEL	_
13A	SIW2016	AS REQD.	TRACK BRACKET (3" TRACK)	GALV. STEEL	_
14	H101	AS REQD.	UNIVERSAL HINGES	ST. STEEL	_
14A	H102	AS REQD.	UNIVERSAL HINGES (CUT DOWN)	ST. STEEL	_
15	H103	2	TOP FIXTURE	ST. STEEL	-
16	H104	2	BOTTOM FIXTURE	ST. STEEL	_
17	H106	AS REQD.	OVERHEAD CUT DOWN HINGE	ST. STEEL	_
18	H105	2	STANDARD LOCK	_	_
19	SIW2018	AS REQD.	2" ROLLER WITH 11" STEM	STEEL	_
19A	SIW2017	AS REQD.	3" ROLLER WITH 11" STEM	STEEL	_
20	SIW2011	1	BOTTOM SEAL	SANTOPRENE	CENTRAL PLASTICS
21	SIW2010	AS REQD.	OUTER SEAL	POLYPROPYLENE	MELTPOINT PLASTICS
22	SIW2019	-	ROD TIP	ST. STEEL	-
23	E20218	AS REQD.	INTERIOR GLAZING GASKET	TPE	ULTRAFAB
24	5530	AS REQD.	EXTERIOR GLAZING GASKET	SANTOPRENE	CENTRAL PLASTICS, DUROMETER 70±5 SHORE A
25		2/ LITE	SETTING BLOCKS AT 1/4 POINTS	EPDM	DUROMETER 85±5 SHORE A
26	#8 X 1/2"	AS REQD.	GLASS STOP SCREWS	ST. STEEL	FH SELF DRILLING, AT 6" FROM ENDS & 24" O.C.
27	H107	2	5/32" SPRING LIFT CABLE	ST. STEEL	_
28	SIW811	AS REQD.	BULB W'STRIPPING AT INTERMEDIATE RAIL	PVC	_
29	#12 X 2"	AS REQD.	ASSEMBLY FASTENERS	ST. STEEL	PH SMS

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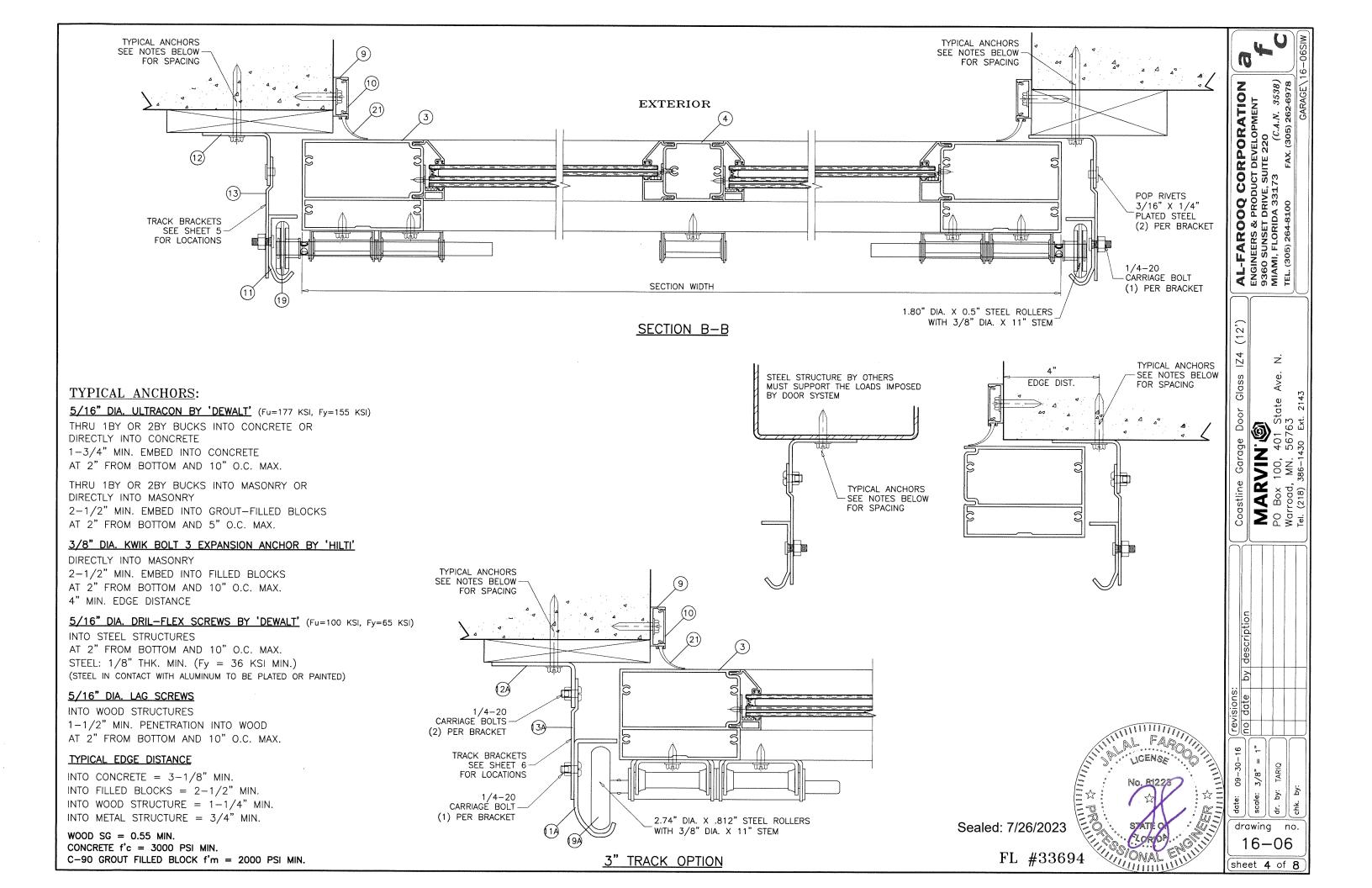
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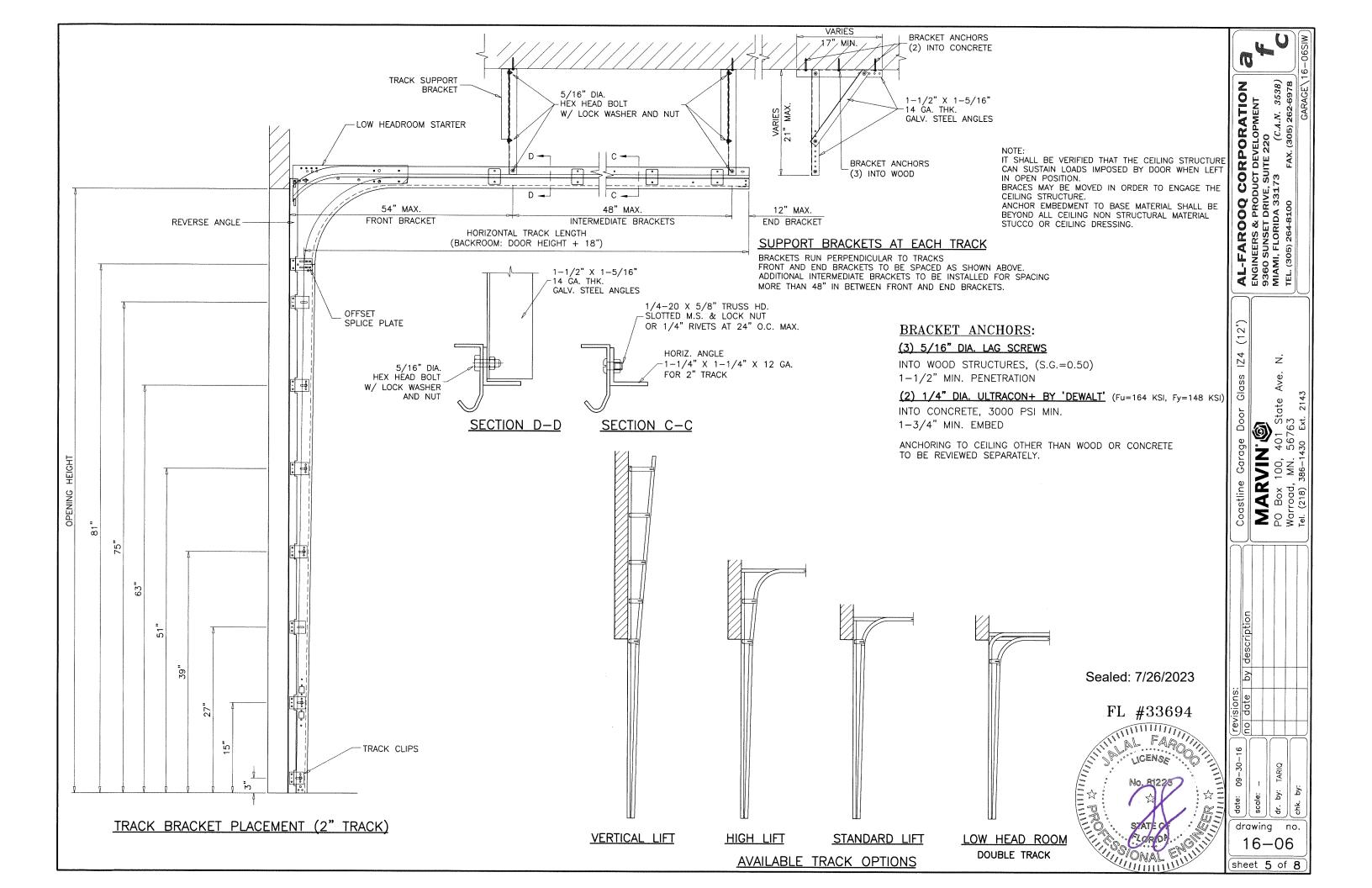
Coastline Garage Door Glass 124 (12') MARVIN'®
PO Box 100, 401 State Ave. N
Warroad, MN. 56763
Tel. (218) 386-1430 Ext. 2143

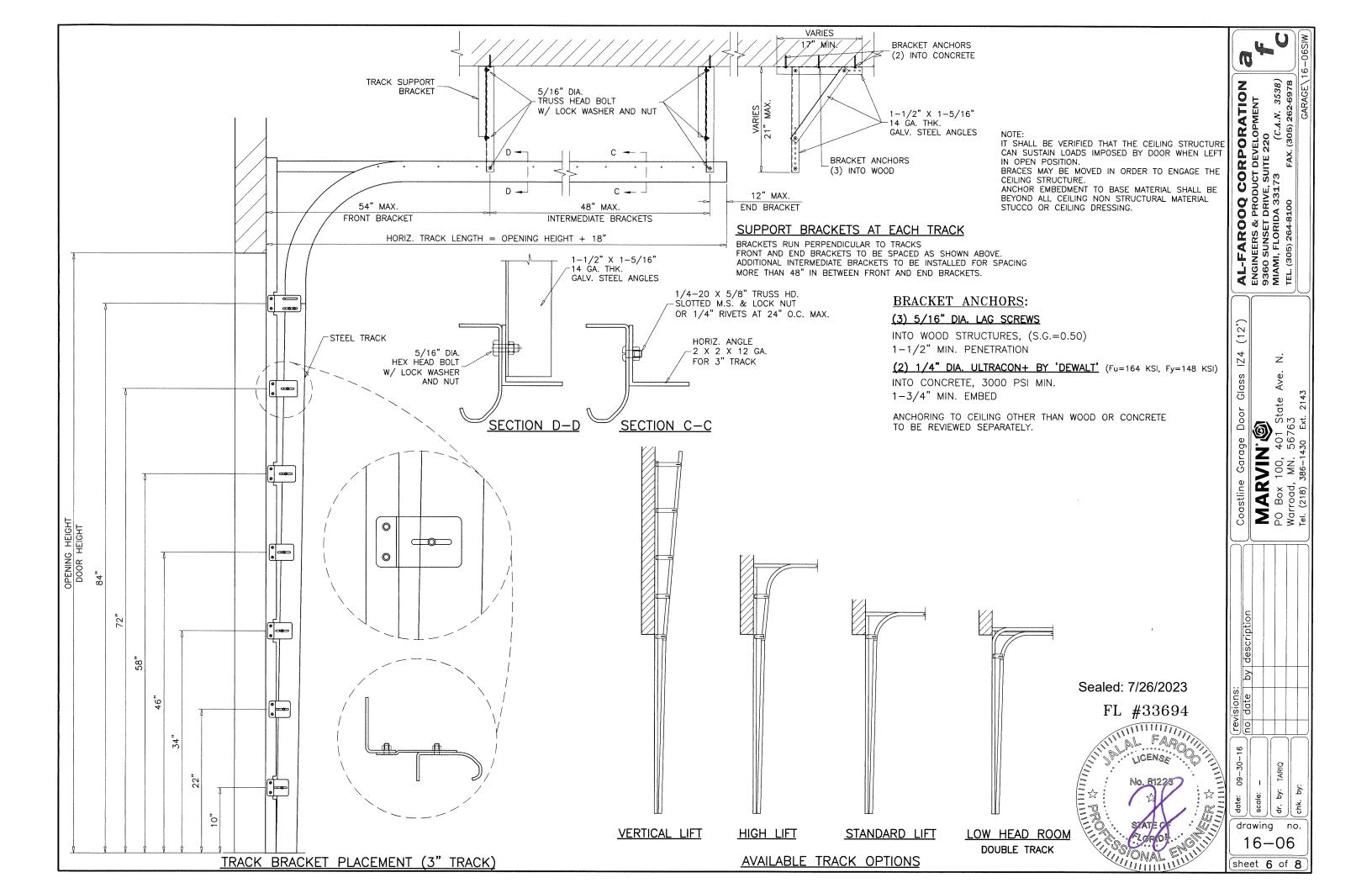
revisions:
no date by description dr. by: TARIQ

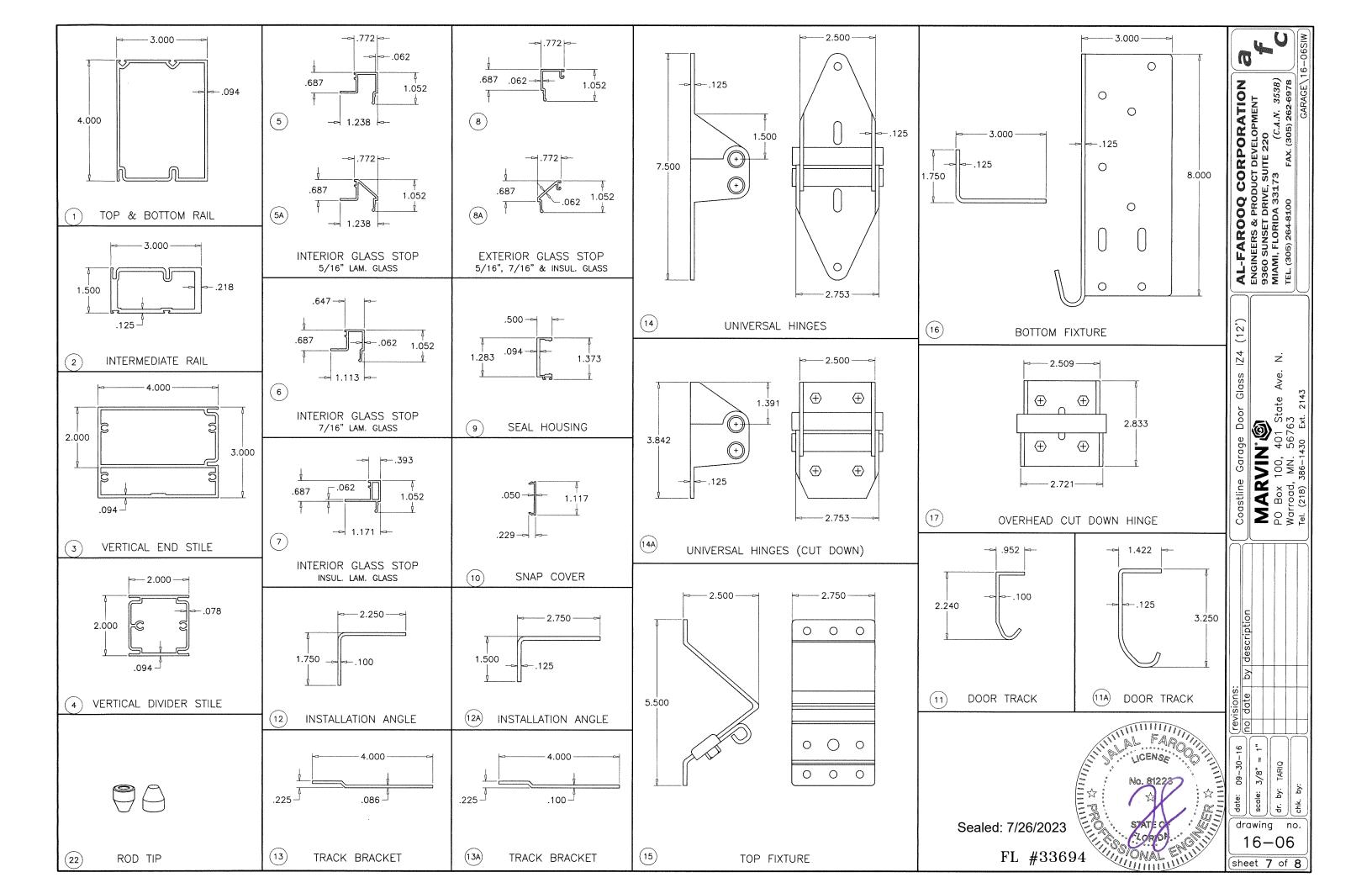
drawing no. 16-06

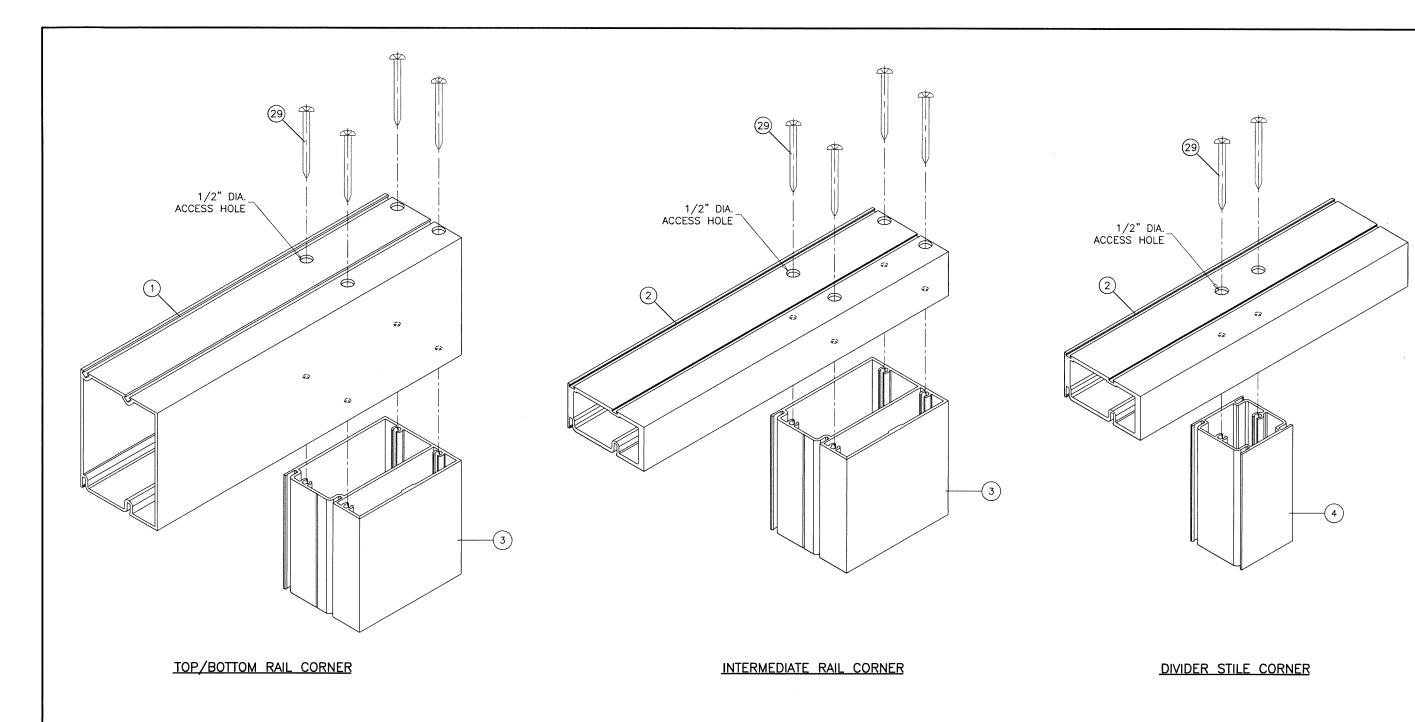
sheet 3 of 8











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FL #33694

MARVIN'®
PO Box 100, 401 State Ave. N
Warroad, MN. 56763
Tel. (218) 386-1430 Ext. 2143 revisions: no date by description drawing no.

16-06

sheet 8 of 8

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