



SOUFFRONT CONSTRUCTION'S GROUP LTD. CO.

CERTIFICATE OF AUTHORIZATION No. (C A N #) 29697

ADDRESS: 2942 SW 156TH. AVENUE, MIAMI, FL 33185

PHONE: 786-306-9417

EMAIL: souffrontengineering@gmail.com

**PRODUCT APPROVAL EVALUATION REPORT
 RULE CHAPTER # 61G20-3
 METHOD 1 OPTION D**

October 17, 2022.

Florida Product Approval # 41657.1

Manufacturer: Mr. Glass Doors & Windows Manufacturing LLC.
 8051 NW 79th. PL
 Miami, FL 33166.

Product Description: Series "MG-4000" Aluminum Pivot Door. - L.M.I. (HVHZ).

Product Category: Exterior Doors

Product Sub-Category: Swinging Exterior Door Assemblies

Quality Assurance Agency: Keystone Certifications, Inc.

Testing Laboratory: Hurricane Engineering & Testing Inc.
 6120 NW 97th. Avenue
 Doral, FL 33178
 Tel- 305-597-5590

Statement of Compliance:

The Product listed in this evaluation report, has been evaluated by the below-signed Florida Professional Engineer for compliance with the Florida Building Code 2020 7th. edition, including High Velocity Hurricane Zone (HVHZ) requirements. Based on the Florida Statutes Section 553.842 (Product evaluation and Approval) and the Florida Administrative Code 61G20-3.005 (Product Evaluation and Quality Assurance for State Approval) Method 1 (D).

I, Oscar Yamir Souffront, P.E. M ASCE certify, that the standard tests passed and the rational analysis for the product named above are following the Florida Building Code 2020 7th edition, including HVHZ, for the purpose intended, at least equivalent to that required by code.

Configurations Tested

TEST REPORT HETI-22-7181

MAXIMUM LOAD TESTED + 50 PSF, - 55 PSF						
CONFIGURATION X	MAXIMUM SIDELITE FRAME WIDTH	72	in.	MAXIMUM DLO WIDTH	59 5/16	in.
	MAXIMUM SIDELITE FRAME HEIGHT	144	in.	MAXIMUM DLO HEIGHT	131 1/16	in.
GLAZING MATERIAL	1/4" nominal (0.223") Heat Strengthened 0.090" SentryGlass Plus SGP by Kuraray America, Inc. Interlayer 1/4" nominal (0.223") Heat Strengthened 9/16" nominal (0.559") Total thickness			NOA#20-0915.19		

TEST REPORT DATE	TEST REPORT NO.	TEST	DESCRIPTION	TEST LOCATION	SIGNED & SEALED BY
8/2/2022	HETI-22-7181	TAS 202 (ASTM E330-14) (2021)	UNIFORM STATIC AIR PRESSURE	DORAL, FL	RAM N TEWARI P.E. FL # 46767
		ASTM E283-19	AIR INFILTRATION		
		ASTM F588-07 (AAMA 1304-02)	FORCED ENTRY		
		TAS 201-94 (ASTM E 1996-20)	LARGE MISSILE IMPACT		
		TAS 203-94 (ASTM E1886-19)	CYCLING LOADS		
		ANSI Z97.1	SAFETY GLAZING MATERIAL USED IN BUILDING		

TEST REPORT HETI-22-7221

MAXIMUM LOAD TESTED + 70 PSF, - 70 PSF						
CONFIGURATION X	MAXIMUM SIDELITE FRAME WIDTH	60	in.	MAXIMUM DLO WIDTH	47 5/16	in.
	MAXIMUM SIDELITE FRAME HEIGHT	120	in.	MAXIMUM DLO HEIGHT	107 5/16	in.
GLAZING MATERIAL	1/4" nominal (0.223") Heat Strengthened 0.100" SAFLEX HP Interlayer 1/4" nominal (0.223") Heat Strengthened 9/16" nominal (0.545") Total thickness			NOA#20-0622.02		

TEST REPORT DATE	TEST REPORT NO.	TEST	DESCRIPTION	TEST LOCATION	SIGNED & SEALED BY
10/5/2022	HETI-22-7221	TAS 202 (ASTM E330-14) (2021)	UNIFORM STATIC AIR PRESSURE	DORAL, FL	RAM N TEWARI P.E. FL # 46767
		ASTM E283-19	AIR INFILTRATION		
		TAS 201-94 (ASTM E 1996-20)	LARGE MISSILE IMPACT		
		TAS 203-94 (ASTM E1886-19)	CYCLING LOADS		

Technical Documentation: Installation Drawings # SCG-07108-22, Test Report # HETI-22-7181 and Calculations

Installation: Units to be installed as per the Installation Drawings# SCG-07108-22

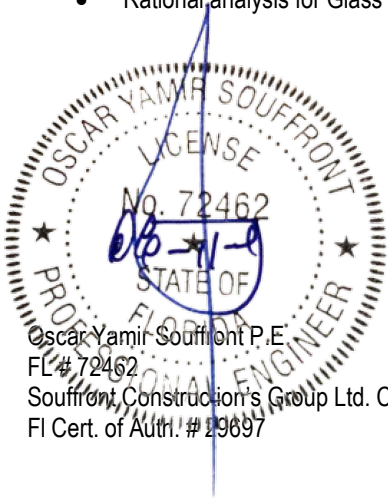
Limits of Use:

1. - This Product is Impact Resistant for HVHZ, when used in areas requiring wind borne debris protection, this product complies with the chapter 16 of the current Florida Building Code (2020) and does not require shutters or impact resistant covering in windborne debris regions.
- 2.- The maximum parameter detailed above control the doors dimensions to be used.
- 3.- No comparative analysis; products qualified for conditions as tested.
- 4.- Refer to the Installations Drawings # SCG-07108-22 for:
 - Maximum Allowable loads at related configuration and maximum allowable sizes
 - Detailed sections of the Product.
 - Anchor Types, Sizes, substrates, embedment, edge distance, spacing O.C. and locations.
 - Any other limitations to the product, if any.

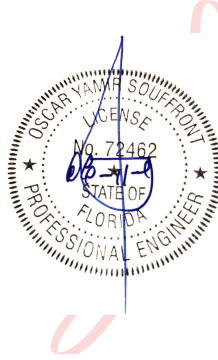
Engineering Analysis:

The following engineering analysis and Calculations have been performed:

- Anchorage Calculations for different substrate, based on Manufacturer's published anchor capacity and Anchors Notice of Acceptance by Miami Dade.
- Rational analysis for Glass & mullions as per ASTM E1300-12 and ADM 2015 Aluminum Design Manual, respectively.



Oscar Yamir Souffront P.E.
FL # 72462
Souffront, Construction's Group Ltd. Co.
FI Cert. of Auth. # 29697



Digitally signed by
Oscar Souffront
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Date: 2022.10.17
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Adobe Acrobat version:
2022.003.20258

This item has been digitally signed and sealed by Oscar Yamir Souffront P.E. on the date adjacent to the seal.

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SERIES "MG-4000" ALUMINUM PIVOT DOOR -L. M. I.

GENERAL NOTES:

DOORS NOT APPROVED WHERE WATER INFILTRATION RESISTANCE IS REQUIRED.

GLAZING TYPE: SEE GLAZING DETAILS ON SHEET # 2

NEGATIVE & POSITIVE DESIGN LOADS BASED ON STRUCTURAL & CYCLE TESTING AND GLASS PER ASTM E1300

THIS PRODUCT HAS BEEN DESIGNED AND TESTED TO COMPLY WITH THE REQUIREMENT OF THE 2020 (7TH 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 MANUFACTURER'S INSTRUCTIONS. SPECIFIED EMBEDMENT TO SUBSTRATE 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 REQUIREMENT OF THE 2020 FLORIDA BLDG. CODE & ADOPTED STANDARDS.

INSTALLATION SCREWS & FRAME CORNERS TO BE SEALED WITH NARROW JOINT SEALANT.

REFERENCES: DeWalt Ultracon NOA # 20-0427.13, DEWALT Drill-Flex ICC - ES Evaluation Report ESR-3332

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 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.

DESIGN LOADS SHOWN ARE BASED ON "ALLOWABLE STRESS DESIGN" ASD.

INSTRUCTIONS:

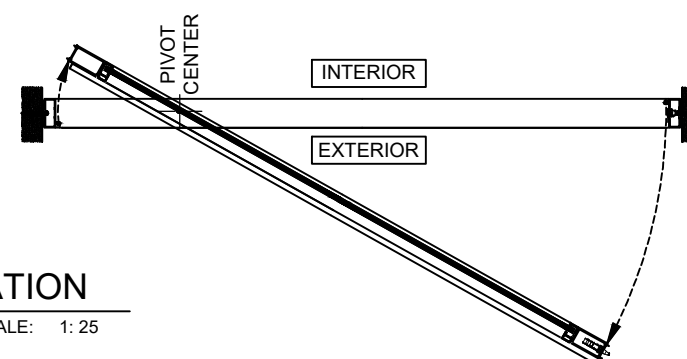
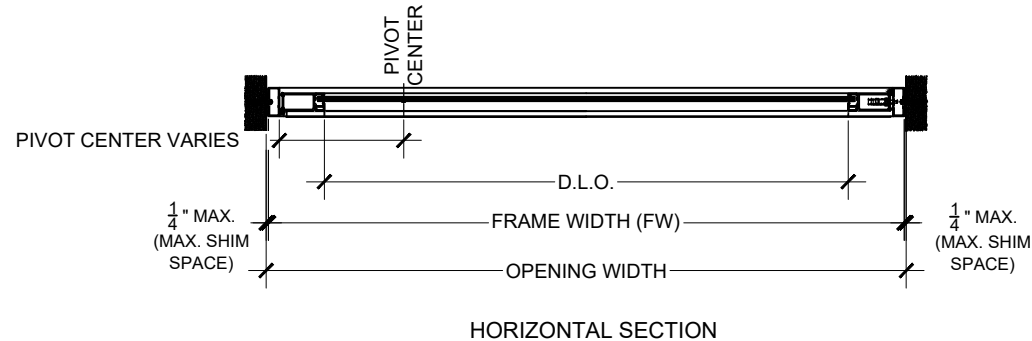
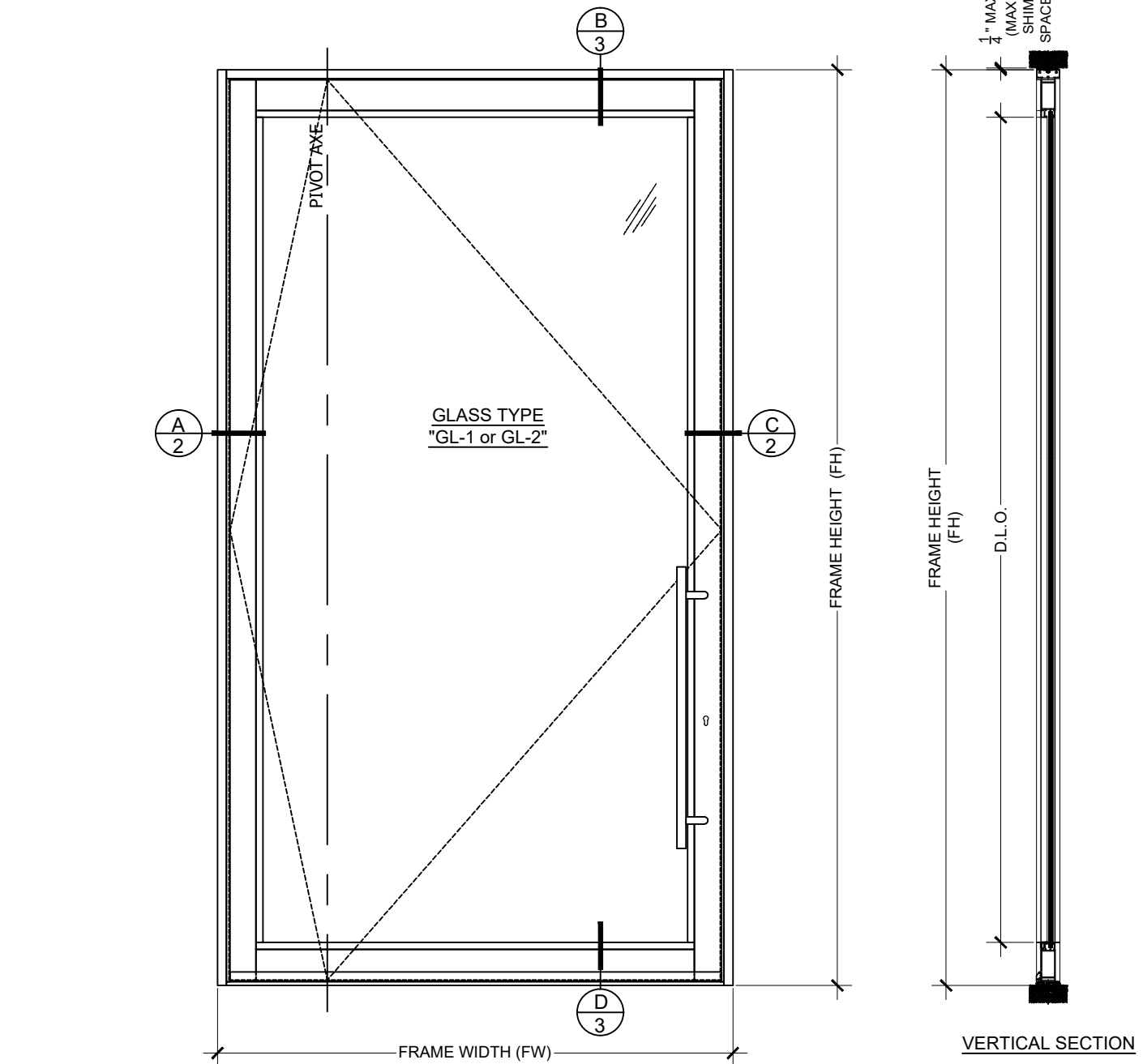
1. DETERMINE THE BUILDING'S REQUIRED DESIGN PRESSURE USING THE ASCE 7 STANDARD.
2. DOOR SELECTED FROM THIS APPROVAL MUST HAVE EQUAL OR HIGHER DESIGN PRESSURE THAN THE ONE CALCULATED IN POINT 1. SEE TABLE ON THIS SHEET.
3. DETERMINE ANCHOR GROUP THAT APPLIES FROM SHEET #3, DEPENDING ON THE SUBSTRATE AND PROJECT CONDITIONS.
4. FOR ANCHOR QUANTITIES AND DISTRIBUTION SEE SHEET#4.

ADDITIONAL NOTES

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

GLASS TYPE	DIMENSIONS		D.P. (P.S.F.)	
	W (max) (in)	H (max) (in)	POSITIVE	NEGATIVE
GL-1	72	144	50	55
GL-2	60	120	70	70

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



1 TYPICAL ELEVATION
SCALE: 1: 25

This item has been digitally signed and sealed by Oscar Yamir Souffront P.E. on the date adjacent to the seal.

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FL # 41657

Signed & Sealed on 10/17/2022.

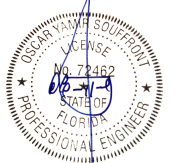
PRODUCT NAME:

SERIES "MG-4000"
ALUMINUM PIVOT DOOR - L. M. I.

REVISIONS			
No.	DATE	BY	DESCRIPTION



OSCAR YAMIR SOUFFRONT
PROFESSIONAL ENGINEER



Digitally signed by Oscar Souffront
DN: c=US, st=Florida, l=Miami, o=Souffront Construction's Group Ltd. Co., cn=Oscar Souffront,
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Date: 2022.10.17 05:18:44 -04'00'
Adobe Acrobat version: 2022.003.20258
DATE:

FLORIDA No. 72462

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CERTIFICATE OF AUTHORIZATION:
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DRAWING TITLE:

GENERAL NOTES, INSTRUCTIONS
AND TYPICAL ELEVATION

MANUFACTURER:

MR. GLASS
DOORS & WINDOWS
MANUFACTURING LLC.
8051 NW 79th PL
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FAX: 305-470 8285
www.mrglasswindows.com
info@mrglasswindows.com

TESTING LABORATORY:

Hurricane Engineering & Testing Inc.
6120 Northwest 07th Avenue
Doral, FL, 33178
United States

Date	Scale
10-17-2022	as Noted

Drawing No. SCG-07108-22

Sheet No. 1 OF 7

PRODUCT NAME:

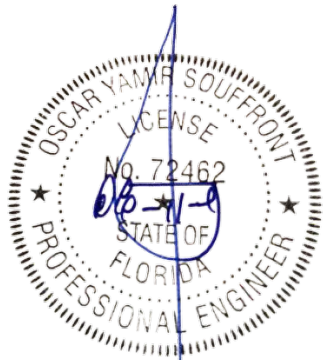
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DRAWING TITLE:

HORIZONTAL SECTION
GLAZING OPTIONS

MANUFACTURER:

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www.mrglasswindows.com
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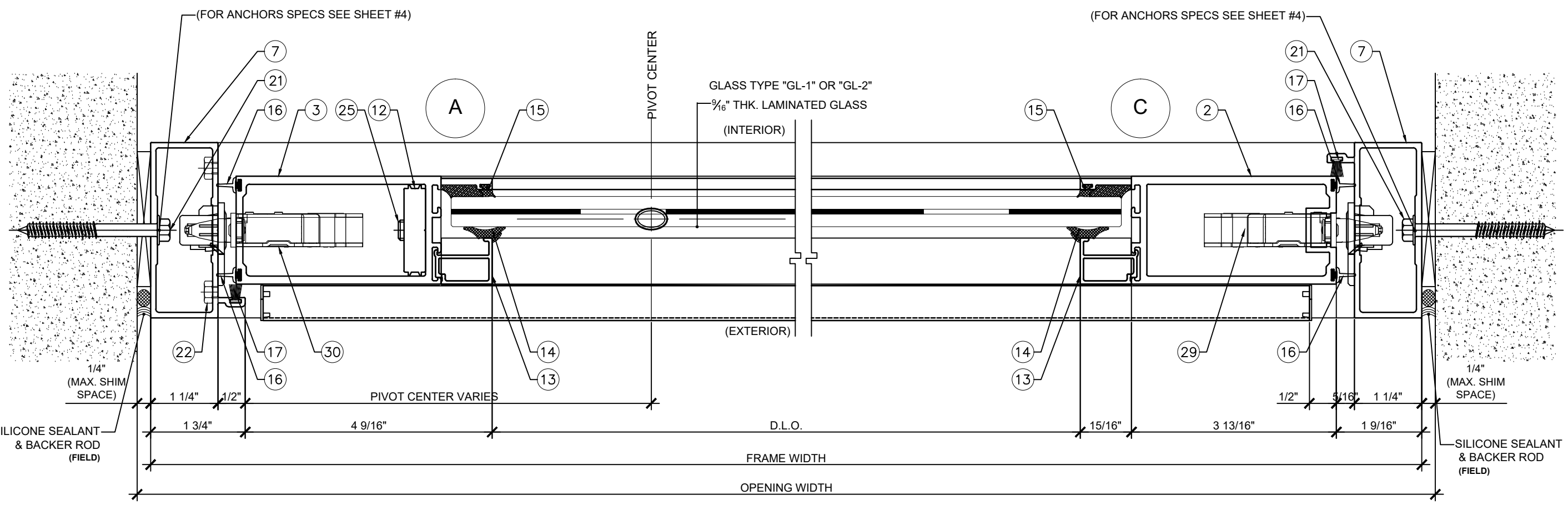
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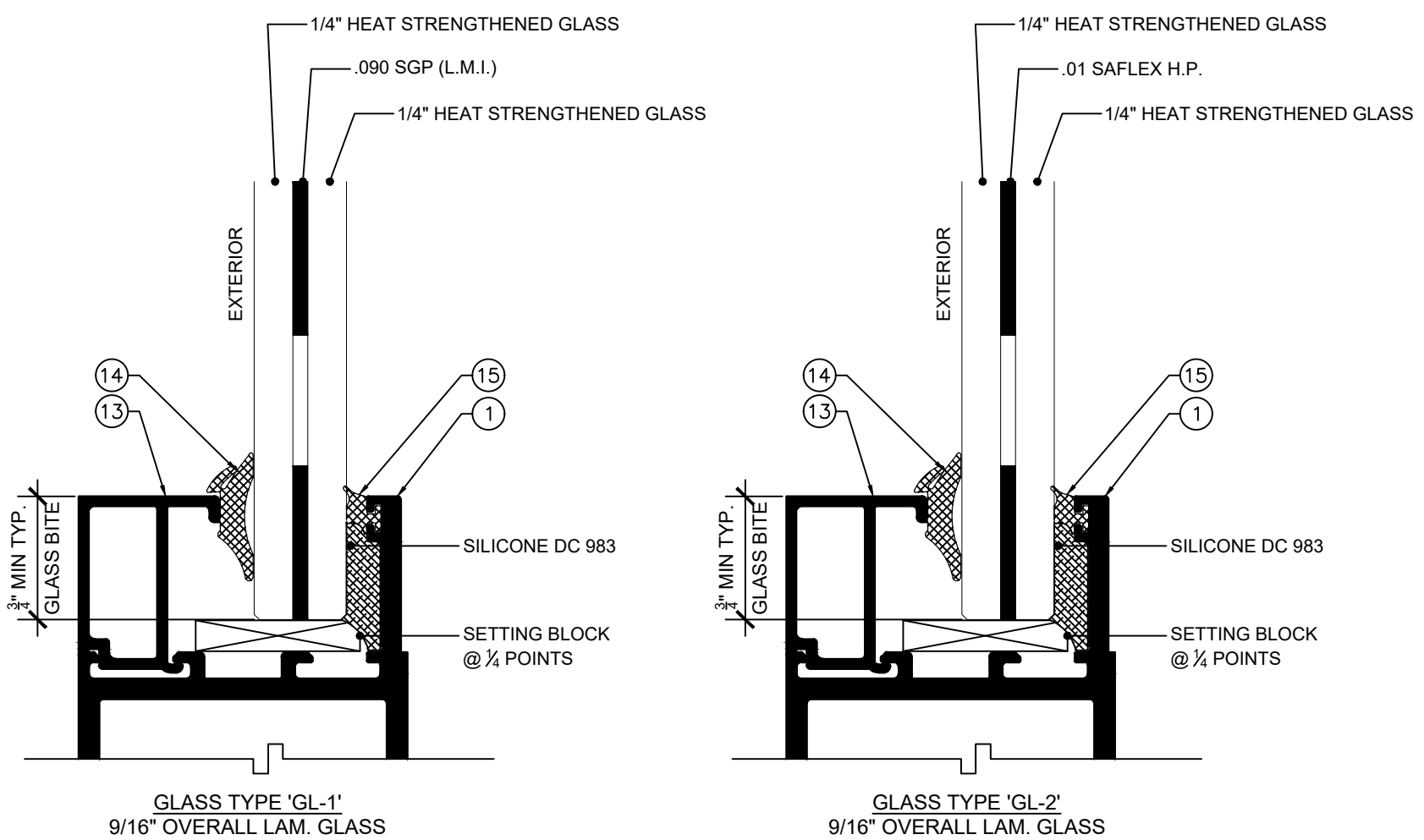
Date	Scale
10-17-2022	as Noted

Drawing No. SCG-07108-22

Sheet No. 2 OF 7



1 HORIZONTAL SECTIONS
SCALE: 1:2



2 GLAZING OPTIONS
SCALE: 1:2

FL # 41657

Signed & Sealed on 10/17/2022.

TABLE # 1

TYPICAL ANCHORS: SEE ELEV. SHEET #4 FOR SPACING

TYPE A:
5/16" DIA. DEWALT ULTRACON (Fu=177 KSI, Fy=155 KSI)
INTO 2 BY WOOD BUCKS OR WOOD STRUCTURES.
1 1/2" MIN. PENETRATION INTO WOOD (HEAD/ SILL/ JAMBS)
THRU 1 BY BUCKS INTO CONCRETE OR BLOCKS
1 3/4" MIN. EMBED IN TO CONCRETE (HEAD/ SILL/ JAMBS)
1 1/4" MIN. EMBED IN TO BLOCKS (JAMBS)
DIRECTLY INTO CONCRETE OR BLOCKS
1 3/4" MIN. EMBED IN TO CONCRETE (HEAD/ SILL/ JAMBS)
1 1/4" MIN. EMBED IN TO BLOCKS (JAMBS)

TYPE B:
1/4" - 20 DEWALT DRIL-FLEX INDENTED HEX WASHER HEAD (GRADE 5 CRS)
INTO F.B.C. APPROVED MULLIONS
OR IN TO METAL STRUCTURES (HEAD/ SILL/ JAMBS)
(3) THREADS MIN. TO EXTEND BEYOND METAL THICKNESS
ALUMINUM: 1/8" THK. MIN. (6063-T5 MIN.)
STEEL: 1/8" THK. MIN. (Fy=36 KSI MIN.)
(STEEL IN CONTACT WITH ALUMINUM TO BE AVOIDED. USE PLASTIC OR OTHER DIELECTRIC SHIMS AS SEPARATOR)

CRITICAL EDGE DISTANCE:
INTO CONCRETE AND BLOCKS = 2 1/2" MIN.
INTO WOOD STRUCTURE = 1" MIN.
INTO METAL STRUCTURE = 3/4" MIN.
WOOD AT HEAD, SILL OR JAMBS SG = 0.55 MIN.
CONCRETE AT HEAD, SILL OR JAMBS f_c = 3000 PSI MIN.
C-90 HOLLOW/FILLED BLOCK AT JAMBS f_m = 2000 PSI MIN.

ANCHOR NOTES:

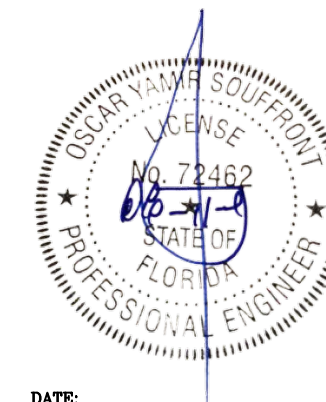
- FOR CONCRETE/CMU SUBSTRATE APPLICATIONS IN MIAMI-DADE COUNTY, USE ONLY MIAMI-DADE COUNTY APPROVED ANCHORS. SEE TABLE 1 ON THIS SHEET FOR EMBEDMENT, EDGE DISTANCE AND SUBSTRATE REQUIREMENTS.
- FOR SUBSTRATE APPLICATIONS SEE TABLE 1 ON THIS SHEET.
- WOOD BUCKS DEPICTED AS 1X ARE LESS THAN 1-1/2" THICK. PROPERLY SECURED, 1X WOOD BUCKS ARE OPTIONAL IF UNIT IS INSTALLED DIRECTLY TO SOLID CONCRETE OR CMU. WOOD BUCKS DEPICTED AS 2X ARE 1-1/2" THICK OR GREATER. 1X AND 2X BUCKS (WHEN USED) SHALL BE DESIGNED TO PROPERLY TRANSFER LOADS TO THE STRUCTURE. BUCK DESIGN AND INSTALLATION IS THE RESPONSIBILITY OF THE ENGINEER OR ARCHITECT OF RECORD & TO BE REVIEWED BY THE BUILDING OFFICIAL.
- SHIMS ARE REQUIRED AT EACH ANCHOR LOCATION WHERE THE PRODUCT IS NOT FLUSH TO THE SUBSTRATE. USE SHIMS CAPABLE OF TRANSFERRING APPLIED LOADS. WOOD BUCKS, BY OTHERS, MUST BE SUFFICIENTLY ANCHORED TO RESIST LOADS IMPOSED ON THEM BY THE WINDOW.
- METAL SUBSTRATE TO MEET MIN. STRENGTH AND THICKNESS REQUIREMENTS PER THE FBC AND TO BE REVIEWED BY THE AUTHORITY HAVING JURISDICTION.
- IF SILL IS TIGHT TO SUBSTRATE, GROUT OR OTHER MATERIAL IS NOT REQUIRED. IF USED, NON-SHRINK, NON-METALLIC GROUT, MAX. 1/4" THICK & 3400 PSI MIN., (DONE BY OTHERS) MUST FULLY SUPPORT THE ENTIRE LENGTH OF THE SILL THAT IS NOT TIGHT TO THE SUBSTRATE, AND TRANSFER SHEAR LOAD TO SUBSTRATE. IF SUBSTRATE IS WOOD, 30# FELT PAPER OR MASTIC IS REQUIRED BETWEEN THE GROUT AND WOOD SUBSTRATE, OR AS APPROVED BY THE AUTHORITY HAVING JURISDICTION.

REVISIONS

No.	DATE	BY	DESCRIPTION



OSCAR YAMIR SOUFFRONT
PROFESSIONAL ENGINEER



DATE:

FLORIDA No. 72462

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DRAWING TITLE:

VERTICAL SECTION
ANCHOR DETAIL

MANUFACTURER:

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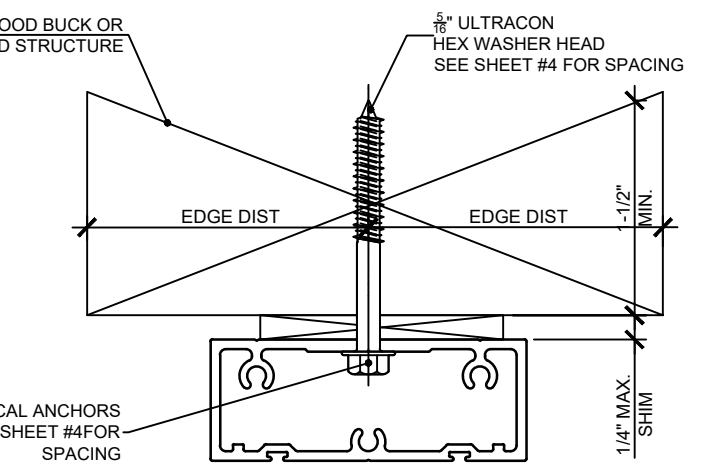
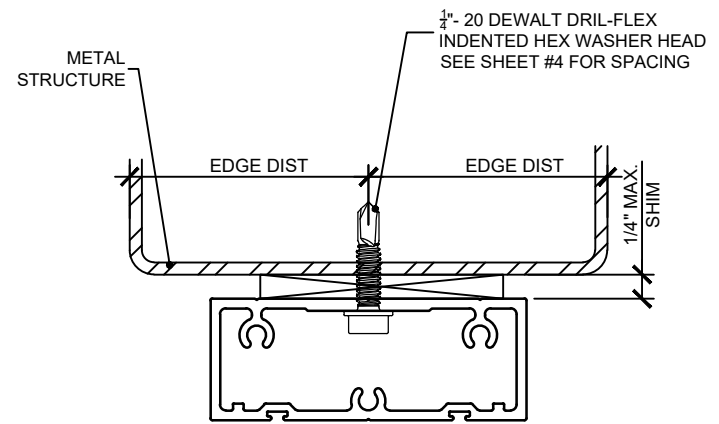
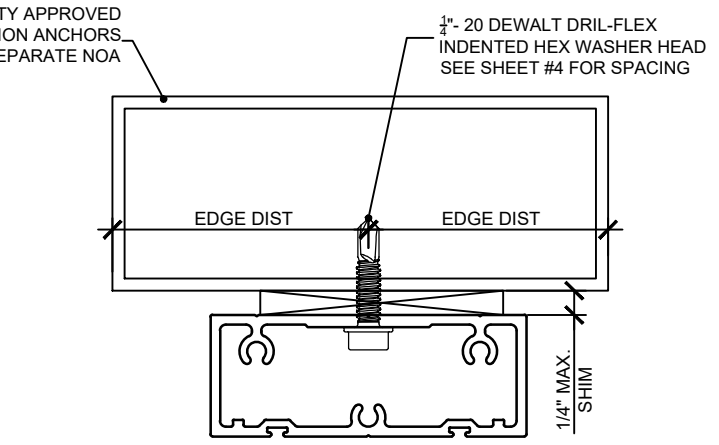
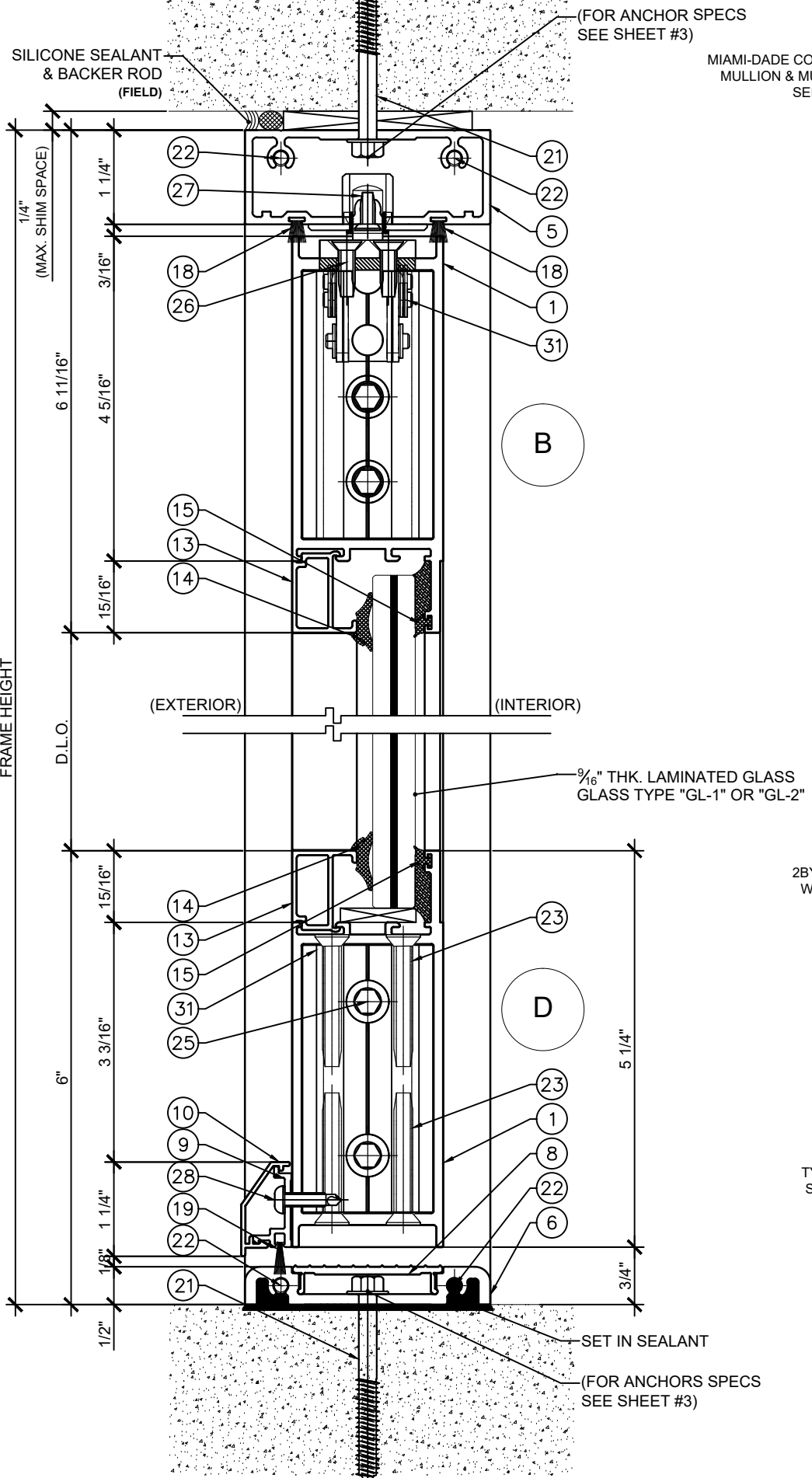
TESTING LABORATORY:

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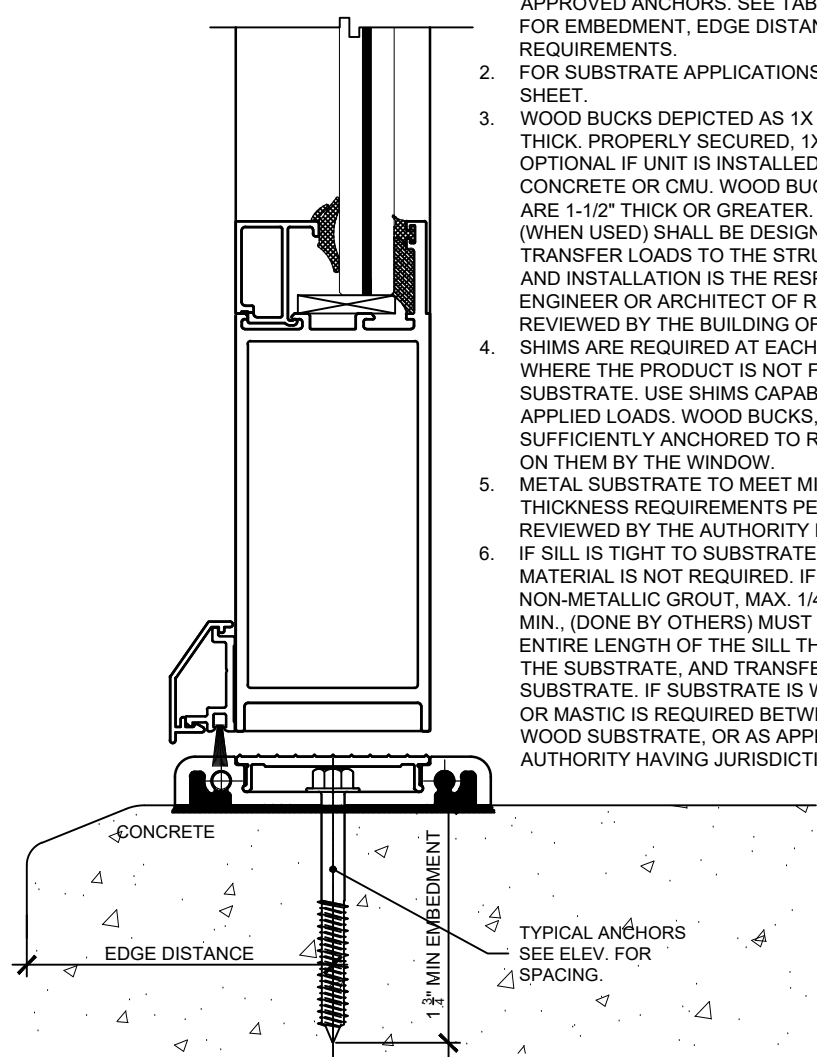
Date	Scale
10-17-2022	as Noted

Drawing No. SCG-07108-22

Sheet No. 3 OF 7



WOOD BUCKS AND METAL STRUCTURE NOT BY MANUFACTURER MUST SUSTAIN LOADS IMPOSED BY GLAZING SYSTEM AND TRANSFER THEM TO THE BUILDING STRUCTURE.

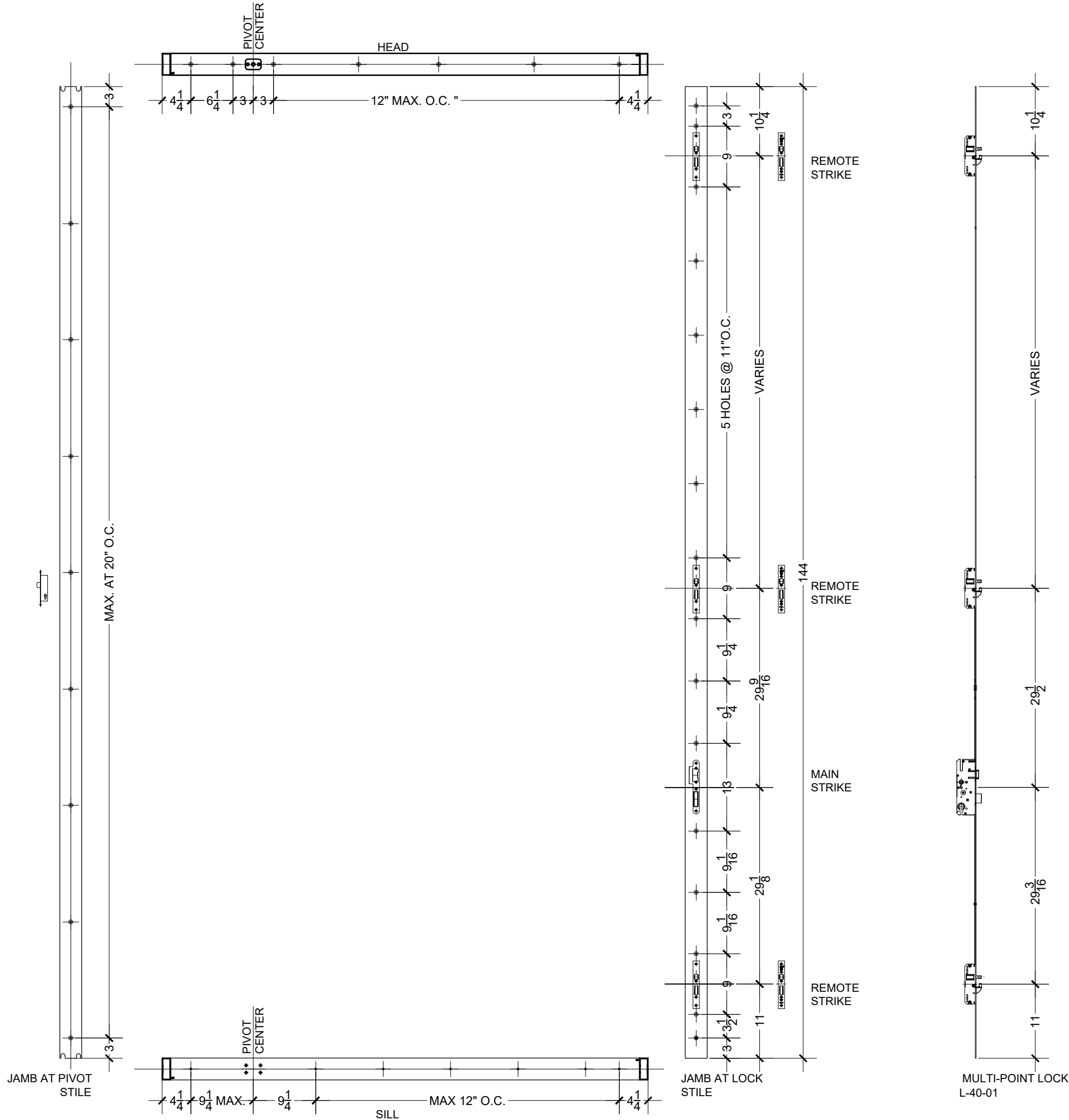


1 VERTICAL SECTION
3 SCALE: 1:2

2 ANCHORS DETAILS
3 SCALE: 1:16

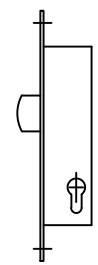
FL # 41657

Signed & Sealed on 10/17/2022.



HARDWARE SCHEDULE

- LOCK STILE:
 - 16mm FACE PLATE MULTIPOINT LOCK, 4 POINT LOCK MINIMUM.
 - CYLINDER OR LEVER ACTUATED FROM EXTERIOR.
 - THUMB TURN OR LEVER ACTUATED FROM INTERIOR. (SEE L40-01 SCHEME)
- PIVOT STILE:
 - SINGLE LOCK POINT INSTALLED @ 1/2 IN THE STILE.
 - HALF CYLINDER WITH THUMB TURN ACTUATED. (SEE L40-02 SCHEME)



L-40-02
ESC: 1:1

- HYDRAULIC PIVOT CONCEALED @ BOTTOM RAIL.
- ADJUSTABLE TOP PIVOT CONCEALED @ TOP RAIL.

1
4
ANCHORS DISTRIBUTION
 SCALE: 1:16
 FL # 41657

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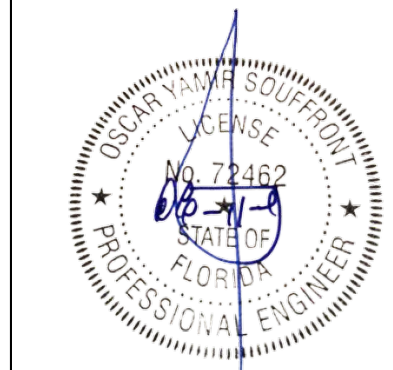
PRODUCT NAME:

SERIES "MG-4000"
ALUMINUM PIVOT DOOR - L. M. I.

REVISIONS			
No.	DATE	BY	DESCRIPTION



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Date 10-17-2022	Scale as Noted
Drawing No. SCG-07108-22	Sheet No. 4 OF 7

<p>TOP & BOTTOM RAIL</p> <p>ALLOY 6063-T6 E-4002</p>	<p>FRAME JAMB</p> <p>ALLOY 6063-T6 E-4014</p>	<p>SHEAR BLOCK</p> <p>ALLOY 6005-T5 E 4024</p>	<p>FRAME HEADER</p> <p>ALLOY 6063-T6 E-4012</p>
<p>LOCK STILE</p> <p>ALLOY 6063-T6 E-4003</p>	<p>THRESHOLD COVER</p> <p>ALLOY 6063-T5 E 4015</p>	<p>COUNTER PLATE</p> <p>ALLOY 6063-T5 E-4025</p>	<p>DOOR THRESHOLD</p> <p>ALLOY 6063-T6 E 4013</p>
<p>PIVOT STILE</p> <p>ALLOY 6063-T6 E-4004</p>	<p>EXTERIOR DOOR SWEEP</p> <p>ALLOY 6063-T5 E 4022</p>	<p>SWEEP COVER</p> <p>ALLOY 6063-T5 E 4023</p>	<p>GLASS STOP FOR 9/16\"</p> <p>ALLOY 6063-T6 E 9001</p>

1 **PROFILES**
5 SCALE: 1:2.5

BILL OF MATERIAL				
ITEM	PART NUMBER	PICTURE	DESCRIPTION	MATERIAL
1	E 4002		TOP & BOTTOM RAIL	6063-T6
2	E 4003		LOCK STILE	6063-T6
3	E 4004		PIVOT STILE	6063-T6
5	E 4012		FRAME HEADER	6063-T6
6	E 4013		DOOR THRESHOLD	6063-T6
7	E 4014		FRAME JAMB	6063-T6
8	E 4015		THRESHOLD COVER	6063-T5
9	E 4022		EXTERIOR DOOR SWEEP	6063-T5
10	E 4023		SWEEP COVER	6063-T5
11	E 4024		SHEAR BLOCK	6063-T5
12	E 4025		COUNTER PLATE	6005-T5
13	E 9001		GLASS STOP	6063-T6
14	G10-04		WEDGE GASKET	EPDM BLACK
15	G30-01		OFFSET GASKET	SANTOPRENE
16	G40-01		SWEEP GASKET	SILICONE
17	G40-02		REBATE GASKET (FOR PIVOT GLASS DOOR)	SILICONE
18	G40-04		PILE WEATHER STRIP	POLYPROPYLENE & YARN
19	G40-06		DOOR SWEEPER	POLYPROPYLENE & YARN
21	AA1		ANCHOR AS REQUIRED	PER ANCHOR SPECS (SHEET #3)
22	S1		#12 - 24 x 1 3/4" HH TAPPING SCREW POINT TYPE "F" SS 410	STAINLESS STEEL
23	S2		1/4"-20 x 1 3/4" PH FH TAPPING SCREW POINT TYPE "F" SS 304	STAINLESS STEEL
24	S3		#6-32 x 1" PH FH TAPPING SCREW TYPE "F" SS 304	STAINLESS STEEL
25	S4		3/8"-16 UNC x 1" HEXAGONAL SOCKET SS 410	STAINLESS STEEL
26	S6		#12 - 24 x 3/4" PH FH TAPPING SCREW POINT TYPE "F" SS 410	STAINLESS STEEL
27	S7		#10 - 24 x 1/2" UC FH TAPPING SCREW POINT TYPE "F" SS 304	STAINLESS STEEL
28	S12		#10'-16 x 3/4" PH PH SELF DRILLING SCREW SS 410	STAINLESS STEEL
29	L40-01		MULTIPOINT LOCK	STEEL
30	L40-02		ONE POINT LOCK	STEEL
31	L40-02		PIVOT SET	STEEL

1 **BILL OF MATERIALS**
5 SCALE: 1:2.5

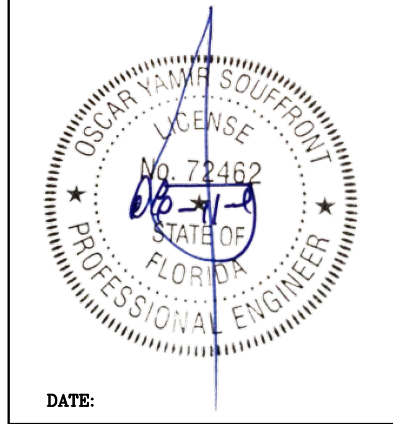
PRODUCT NAME:

SERIES "MG-4000"
ALUMINUM PIVOT DOOR - L. M. J.

REVISIONS			
No.	DATE	BY	DESCRIPTION



OSCAR YAMIR SOUFFRONT
PROFESSIONAL ENGINEER



DATE:

FLORIDA No. 72462

SOUFFRONT CONSTRUCTION GROUP Ltd. Co.
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DRAWING TITLE:

PROFILES
BILL OF MATERIALS

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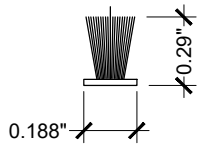
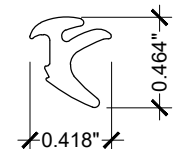
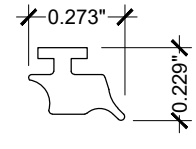
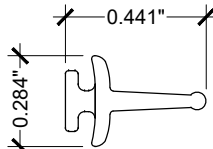
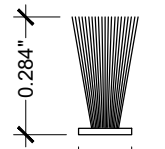
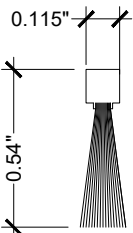

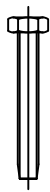
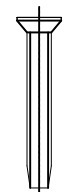

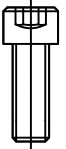

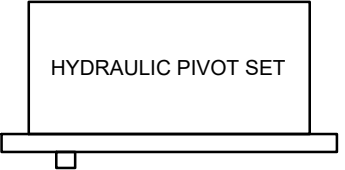

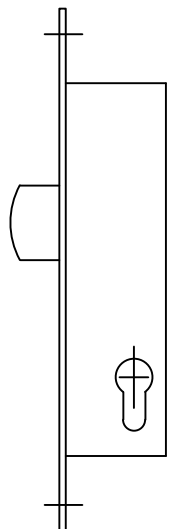

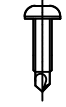
Date 10-17-2022	Scale as Noted
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Drawing No. SCG-07108-22

Sheet No. 5 OF 7

FL # 41657

Signed & Sealed on 10/17/2022.

<p>PILE WEATHER STRIP</p>  <p>Material: POLYPROPYLENE & YARN G40-04</p>	<p>WEDGE GASKET</p>  <p>Material: EPDM G10-04</p>	<p>OFFSET GASKET</p>  <p>Material: POLYPROPYLENE / SANTOPRENE G30-01</p>	<p>SWEEP GASKET</p>  <p>Material: SILICONE G40-01</p>	<p>PILE WEATHER STRIP</p>  <p>Material: POLYPROPYLENE & YARN G40-02</p>
<p>PILE WEATHER STRIP DOOR SWEEPER</p>  <p>Material: POLYPROPYLENE & YARN G40-06</p>	<p>ANCHOR AS REQUIRED</p>  <p>Material: AS PER SPECS SHEET #3 AA1</p>	<p>#12-24 x 1-3/4\" HH TAPPING SCREW POINT TYPE \"F\" SS 410</p>  <p>Material: STAINLESS STEEL S1</p>	<p>1/4\"-20 x 1 3/4\" PH FH TAPPING SCREW POINT TYPE \"F\" SS 304</p>  <p>Material: STAINLESS STEEL S2</p>	<p>#6-32 x 1\" PH FH TAPPING SCREW TYPE \"F\" SS 304</p>  <p>Material: STAINLESS STEEL S3</p>
<p>3/8\"-16 UNC x 1\" HEXAGONAL SOCKET SS 410</p>  <p>Material: STAINLESS STEEL S4</p>	<p>#12 - 24 x 3#4\" PH FH TAPPING SCREW POINT TYPE \"F\" SS 410</p>  <p>Material: STAINLESS STEEL S6</p>	<p>ONE - POINT LOCK</p>  <p>Material: ALUM / STAINLESS STEEL L40-02</p>	<p>MULTI-POINT LOCK</p>  <p>Material: STEEL L40-01</p>	<p>ONE - POINT LOCK</p>  <p>Material: STEEL L40-02</p>
<p>#10 - 24 x 1#2\" UC FH TAPPING SCREW POINT TYPE \"F\" SS 304</p>  <p>Material: STAINLESS STEEL S7</p>	<p>#10'-16 x 3/4\" PH PH SELF DRILLING SCREW SS 410</p>  <p>Material: STAINLESS STEEL S12</p>			

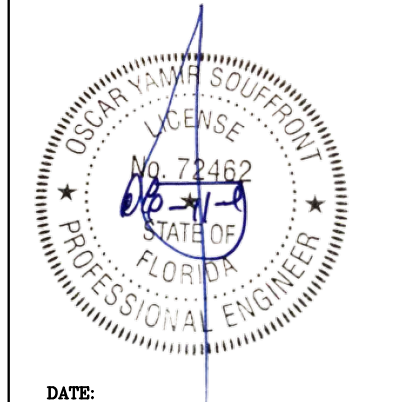
PRODUCT NAME:

SERIES "MG-4000"
ALUMINUM PIVOT DOOR - L. M. I.

REVISIONS			
No.	DATE	BY	DESCRIPTION



OSCAR YAMIR SOUFFRONT
PROFESSIONAL ENGINEER



DATE:

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DRAWING TITLE:

ACCESSORIES

MANUFACTURER:

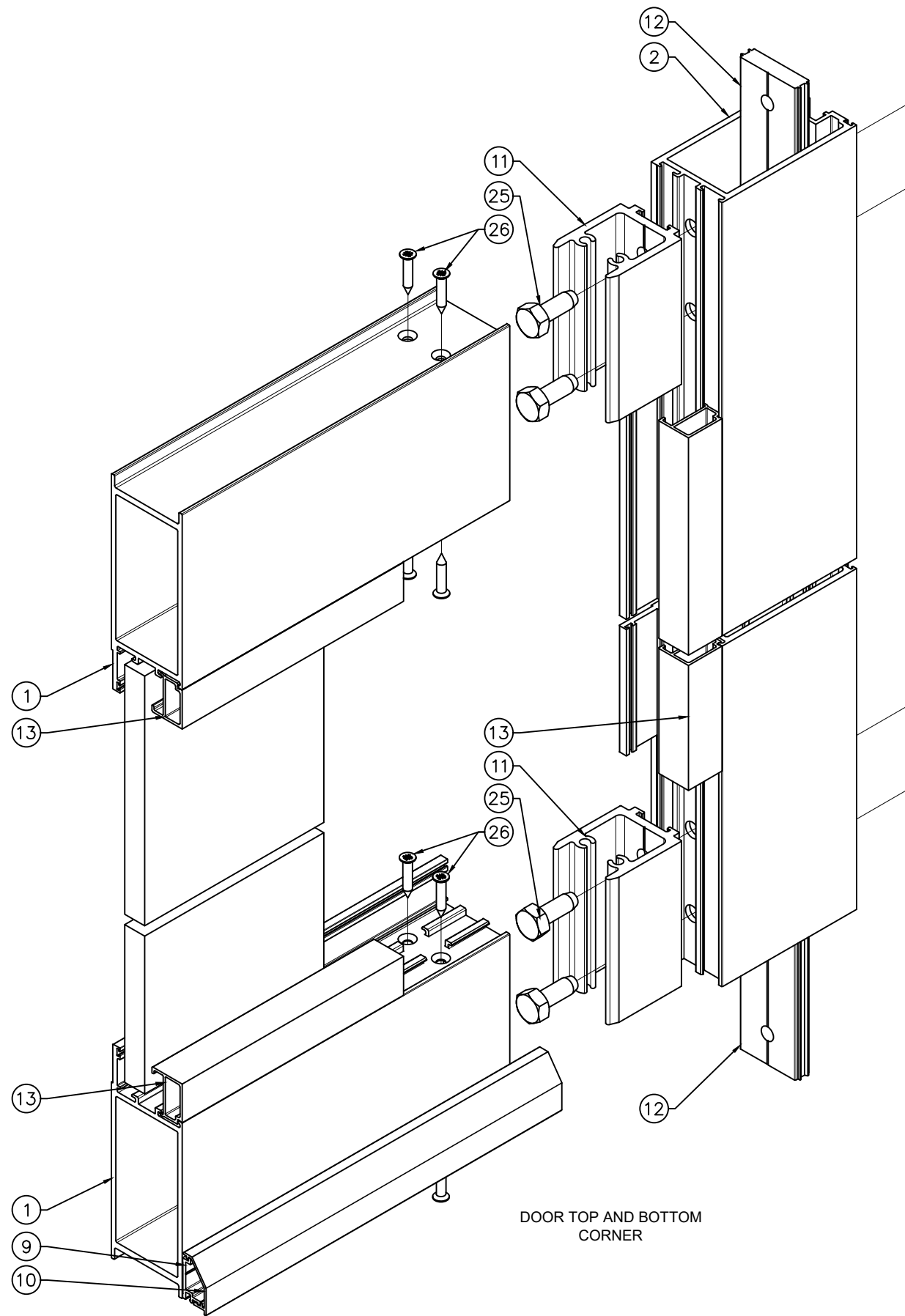


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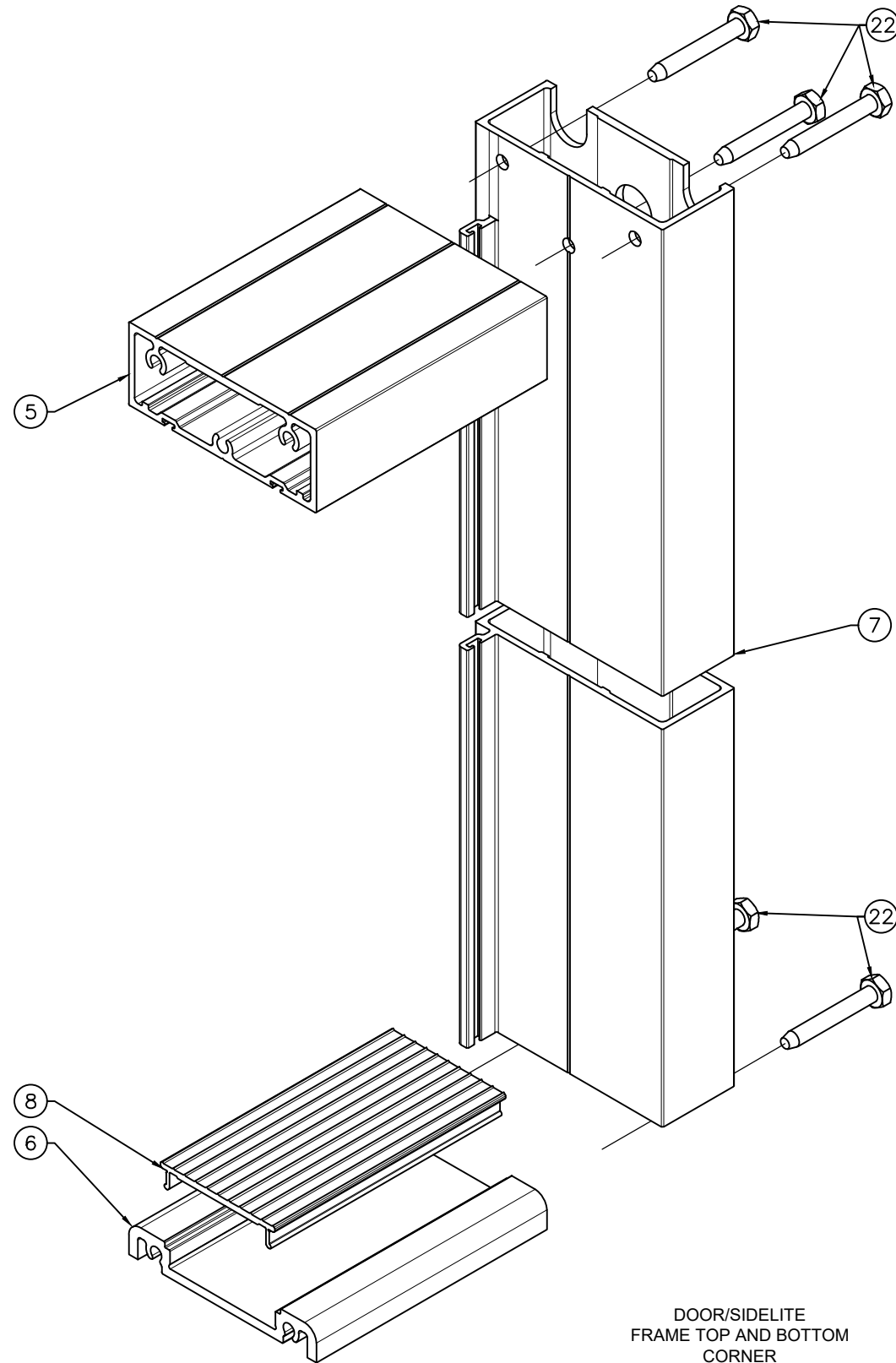
TESTING LABORATORY:

BLACKWATER TESTING INC.
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WEST PALM BEACH, FL 33413
PHONE: 561.508.2830
EMAIL: Engdep@blackwatertesting.com

Date 10-17-2022	Scale as Noted
Drawing No. SCG-07108-22	Sheet No. 6 OF 7



DOOR TOP AND BOTTOM CORNER



DOOR/SIDELITE FRAME TOP AND BOTTOM CORNER

1 3D VIEWS CONNETIONS
7 SCALE: 1:4

FL # 41657

Signed & Sealed on 10/17/2022.

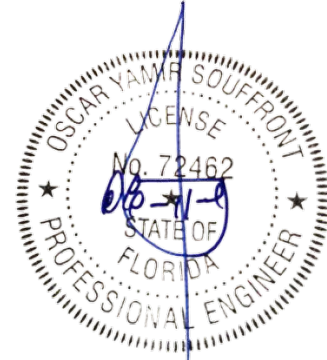
PRODUCT NAME:

SERIES "MG-4000"
ALUMINUM PIVOT DOOR - L. M. I.

REVISIONS			
No.	DATE	BY	DESCRIPTION



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DRAWING TITLE:

3D VIEWS CONNECTIONS

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Drawing No. SCG-07108-22

Sheet No. 7 OF 7