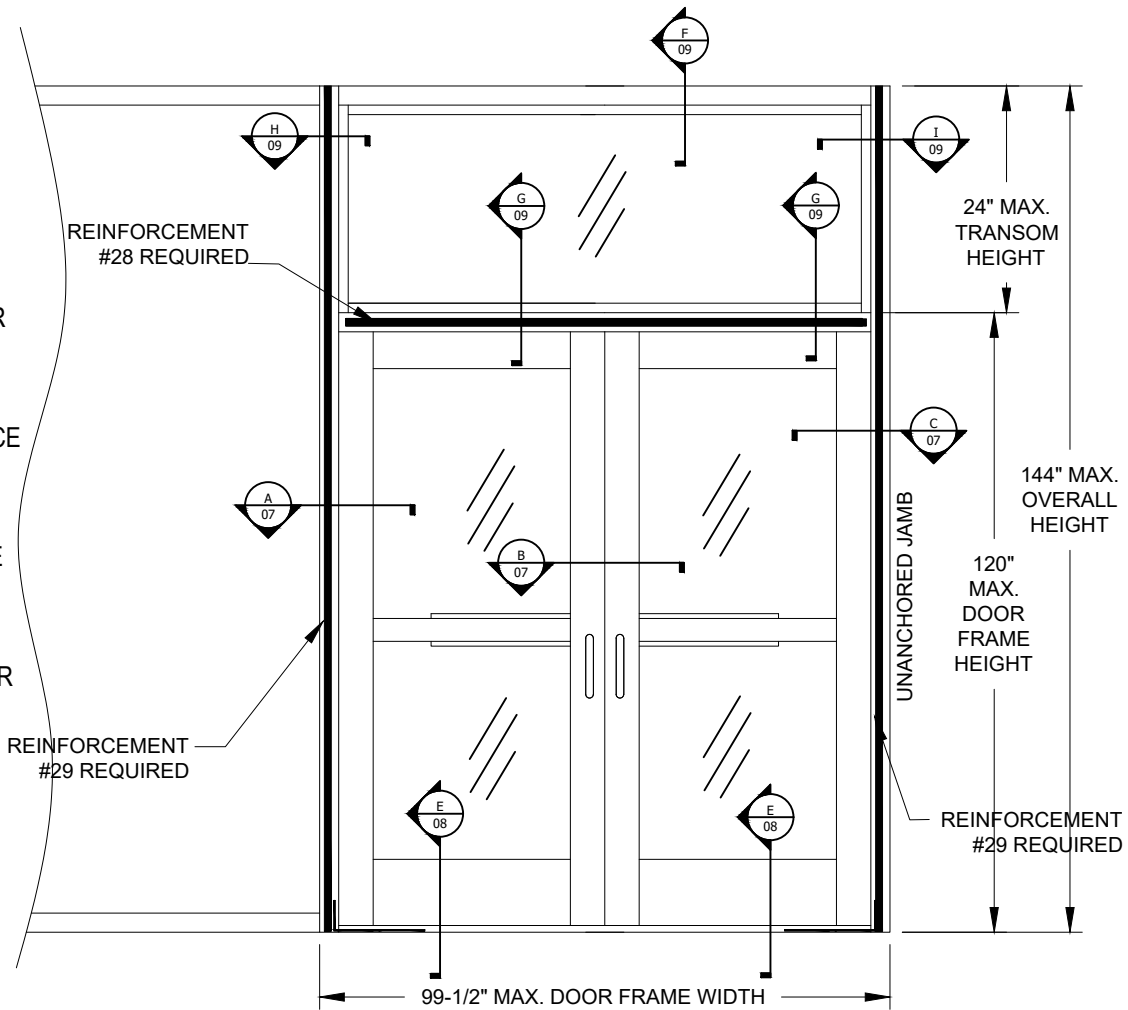


SERIES SE3450 NI OUTSWING ENTRANCE DOOR W/WO TRANSOM.- N. I.

1. THIS PRODUCT HAS BEEN DESIGNED AND TESTED TO COMPLY WITH THE REQUIREMENTS OF THE FLORIDA BUILDING CODE 2017 6TH. EDITION AND FLORIDA BUILDING CODE 2020 7TH EDITION, INCLUDING THE HIGH VELOCITY HURRICANE ZONE (HVHZ).
2. THIS PRODUCT IS NON-IMPACT RESISTANT, THEREFORE, APPROVED HURRICANE PROTECTION SYSTEM (SHUTTERS) ARE REQUIRED WHEN PRODUCT IS USED OR INSTALLED IN WIND-BORNE DEBRIS REGIONS.
3. THE DESIGN LOADS SHOWN IN THIS DOCUMENT FOR THIS PRODUCT ARE ALLOWABLE DESIGN LOADS. ULTIMATE DESIGN LOADS OBTAINED FROM ASCE 7-16, MULTIPLIED BY 0.6 SHALL BE LESS THAN OR EQUAL TO PRODUCT'S MAXIMUM DESIGN LOADS IN THIS DOCUMENT.
4. WOOD BUCKS DEPICTED AS "1X" ARE BUCKS WHOSE TOTAL THICKNESS IS LESS THAN 1-1/2" AND ARE OPTIONAL IF PRODUCT CAN BE INSTALLED DIRECTLY TO SUBSTRATE.
WOOD BUCKS DEPICTED AS "2X" ARE BUCKS WHOSE TOTAL THICKNESS IS 1-1/2" OR GREATER. "2X" WOOD BUCKS, WHEN USED, SHALL BE DESIGNED AND ANCHORED TO PROPERLY TRANSFER ALL LOADS IMPOSED ON THEM BY THE DOOR TO THE BUILDING STRUCTURE.
THE DESIGN AND INSTALLATION TO THE SUBSTRATE OF WOOD BUCKS TO BE ENGINEERED BY OTHER OR AS APPROVED BY THE AUTHORITY HAVING JURISDICTION.
5. THE INSTALLATION CONDITIONS DEPICTED ON DETAILS OF THIS DOCUMENT ARE GENERIC AND MAY NOT REFLECT ACTUAL CONDITIONS FOR A SPECIFIC SITE.
SITE SPECIFIC CONDITIONS THAT DEVIATE FROM THE CONDITIONS DETAILED HEREIN, SHALL BE PREPARED BY A REGISTERED ENGINEER OR ARCHITECT WHO WILL BECOME RESPONSIBLE FOR THE PROPER USE OF THIS PRODUCT APPROVAL DOCUMENT AND SHALL BE REVIEWED BY THE AUTHORITY HAVING JURISDICTION.
6. INSTALLATION ANCHOR CAPACITY, ANCHOR SPACING, ANCHOR EMBEDMENT AND EDGE DISTANCE LIMITS ARE BASED ON MINIMUM PROPERTIES OF SUBSTRATE MATERIALS, AS INDICATED IN ANCHOR NOTES AND SPECIFICATIONS SECTION.
7. SHIMS ARE REQUIRED AT EACH ANCHOR LOCATION WHERE THE PRODUCT IS NOT FLUSH TO THE SUBSTRATE. USE SHIMS CAPABLE OF TRANSFERRING APPLIED LOADS
8. MATERIALS, INCLUDING BUT NOT LIMITED TO STEEL THAT COME INTO CONTACT WITH OTHER DISSIMILAR MATERIALS, SHALL MEET THE REQUIREMENTS OF THE FLORIDA BUILDING CODE FOR CORROSION RESISTANCE.
9. MATERIAL FOR DOOR FRAME TO BE WOOD PRESSURE TREATED WITH A MINIMUM SPECIFIC GRAVITY OF 0.55
10. EGRESS REQUIREMENT: COMPLIANCE WITH THIS FEATURE, WHEN REQUIRED, SHALL BE REVIEWED BY THE AUTHORITY HAVING JURISDICTION.

INSTRUCTIONS:

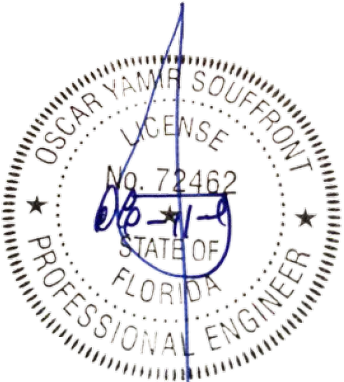
1. DETERMINE THE BUILDING'S REQUIRED DESIGN PRESSURE USING THE ASCE 7-10 STANDARD.
THE PRODUCT'S DESIGN PRESSURE MUST MEET OR EXCEED THIS VALUE.
2. DETERMINE THE GLASS DESIGN PRESSURE FROM GLASS CAPACITY TABLE 1.
3. DETERMINE THE ANCHOR TYPE FROM TABLE A, B & C , SHEET 2
 - a) DETERMINE THE ANCHOR CAPACITY FROM TABLES 2,2A,3,3A,4,4A,5 & 5A AS PER CONFIGURATION
4. THE LOWEST DESIGN PRESSURE FROM 2 & 3 ABOVE, SHALL BE USED FOR THE ENTIRE ASSEMBLY.
5. IF COMBINED WITH ANOTHER ASSEMBLY WITH A SEPARATE APPROVAL, (STOREFRONT ENTRANCE DOOR, PTAC LOUVER OR WINDOW INSERT) THE LESSER DESIGN PRESSURE VALUE OF ANY ASSEMBLY OR THE STOREFRONT WINDOW SHALL BE THE DESIGN PRESSURE FOR THE ENTIRE SYSTEM.
6. FREE STANDING JAMBS WITH $\frac{3}{4}$ " MAXIMUM SILICONE GAP AND MINIMUM AS PER TABLE D ON SHEET 6
7. REINFORCEMENT # 28 IS REQUIRED AT DOOR HEAD WITH TRANSOM
8. REINFORCEMENT # 29 IS REQUIRED AT FREE STANDING JAMB AND INTERIOR MULLION



TYP. ELEVATION OF DOUBLE DOOR WITH TRANSOM

NOTES:

1. IF COMBINED WITH ANOTHER ASSEMBLY WITH A SEPARATE APPROVAL, (STOREFRONT ,WINDOW OR DOOR) THE LESSER DESIGN PRESSURE VALUE OF ANY ASSEMBLY OR THE STOREFRONT WINDOW SHALL BE THE DESIGN PRESSURE FOR THE ENTIRE SYSTEM.
2. SEE TABLES FOR MAXIMUM ALLOWED SIZES.
3. SEE TABLES FOR ANCHORAGE CAPACITIES & CONFIGURATIONS



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Series SS3450 NI OUTSWING ENTRANCE DOOR W/WO TRANSOM.-N.I.

CGIC Architectural Products
2970 NW 75TH Avenue.
Miami FL 33122.
Phone (305)-718-8890
www.commercialcgi.com

Souffront Construction's Group, Ltd. Co.
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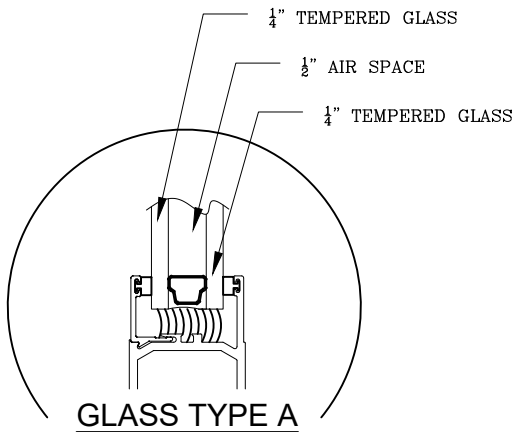
REV.	DATE	DESCRIPTION	DRAWN: MG	CHECKED: OYS	SCALE: AS NOTED	DATE: 10-11-20
#1	10-11-2020	UPDATE FBC 2020 7TH EDITION				
DRAWING No.			SHEET			
SCG-11227-19			01 OF13			

PREPARED BY OSCAR YAMIR SOUFFRONT, P.E.
15261 SW 139th STREET
MIAMI, FL 33196 PH. (786) 306-9417
FLORIDA LICENSE No. 72462
CERTIFICATE OF AUTHORIZATION No. 29697

TABLE 1
GLASS CAPACITY TABLES

GLASS DESIGN LOAD CAPACITY PSF		
NOMINAL DIMS.		GLASS TYPE 'A'
D.L.O. WIDTH (INCHES)	D.L.O. HEIGHT (INCHES)	EXT. (+) INT. (-)
26	78"	90.83
28		85.66
30		81.22
32		77.37
34		74.01
36		71.06
38		68.47
26	82"	85.56
28		80.62
30		76.37
32		72.68
34		69.46
36		66.62
38		64.12
26	86"	80.87
28		76.14
30		72.07
32		68.53
34		65.43
36		62.70
38		60.29
26	90"	76.67
28		72.13
30		68.22
32		64.82
34		61.85
36		59.22
38		56.89
26	94"	72.89
28		68.53
30		64.77
32		61.50
34		58.63
36		56.10
38		53.86

GLASS DESIGN LOAD CAPACITY PSF		
NOMINAL DIMS.		GLASS TYPE 'A'
D.L.O. WIDTH (INCHES)	D.L.O. HEIGHT (INCHES)	EXT. (+) INT. (-)
26	98"	69.46
28		65.26
30		61.65
32		58.50
34		55.74
36		53.30
38		51.13
26	102"	66.34
28		62.30
30		58.81
32		55.78
34		53.11
36		50.76
38		46.67
26	106"	63.48
28		59.59
30		56.23
32		53.30
34		50.73
36		48.45
38		46.43
26	108"	62.15
28		58.32
30		55.02
32		52.14
34		49.61
36		47.38
38		45.39



GLASS TYPE A

GLAZING OPTIONS

NOTE:
GLASS CAPACITIES ON THIS SHEET ARE
BASED ON ASTM E1300-09 (3 SEC. GUSTS).

TYPICAL ANCHORS:

TYPE 'A' **TABLE A**
1/4" DIA ULTRACON BY 'ELCO' (Fu=177 KSI, Fy=155 KSI)

DIRECTLY INTO CONCRETE
WITH 1-3/4" MIN. EMBED INTO CONC.

PASS THRU 1" BY NOMINAL PRESSURE TREATED WOOD BUCK
WITH 1-3/4" MIN. EMBED INTO CONC.

ANCHOR EDGE DISTANCES
INTO CONCRETE = 2-1/2" MIN.

SPACING O. C.
MIN. SPACING O.C. = 3" MIN.
1/4" MAXIMUM GAP

TYPE 'B' **TABLE B**
1/4" DIA.SMS DRIL-FLEX SELF DRILLING SCREWS (SAE GRADE 5)
INTO METAL STRUCTURES
STEEL : 1/8" THK. MIN. (Fy = 36 KSI MIN.)
ALUMINUM : 1/8" THK. MIN. 6063-T5 OR BETTER
(STEEL IN CONTACT WITH ALUMINUM TO BE PLATED OR PAINTED)

ANCHOR EDGE DISTANCES
INTO METAL STRUCTURE = 1" MIN.

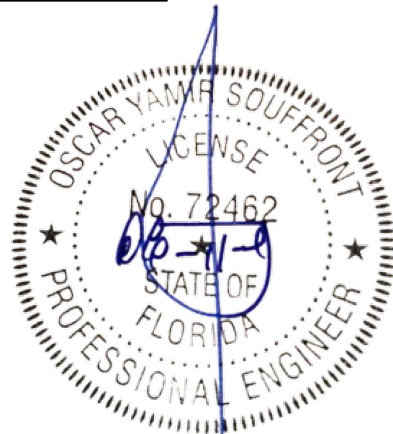
SPACING O. C.
MIN. SPACING O.C. = 3" MIN.
1/4" MAXIMUM GAP

TYPE 'C' **TABLE C**
1/4" DIA TEK'
DIRECTLY INTO 2" BY NOM. P.T. WOOD STRUCTURE G MIN=0.55
WITH 1 3/8" MIN. EMBED INTO CONC.

ANCHOR EDGE DISTANCES
INTO WOOD = 1" MIN

SPACING O. C.
MIN. SPACING O.C. = 3" MIN.
1/4" MAXIMUM GAP

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SIGNED & SEALED ON 10-15-2020



Souffront Construction's Group, Ltd. Co.
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Miami, FL 33196
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Series SS3450 NI OUTSWING ENTRANCE
DOOR W/NO TRANSOM.-N.I.

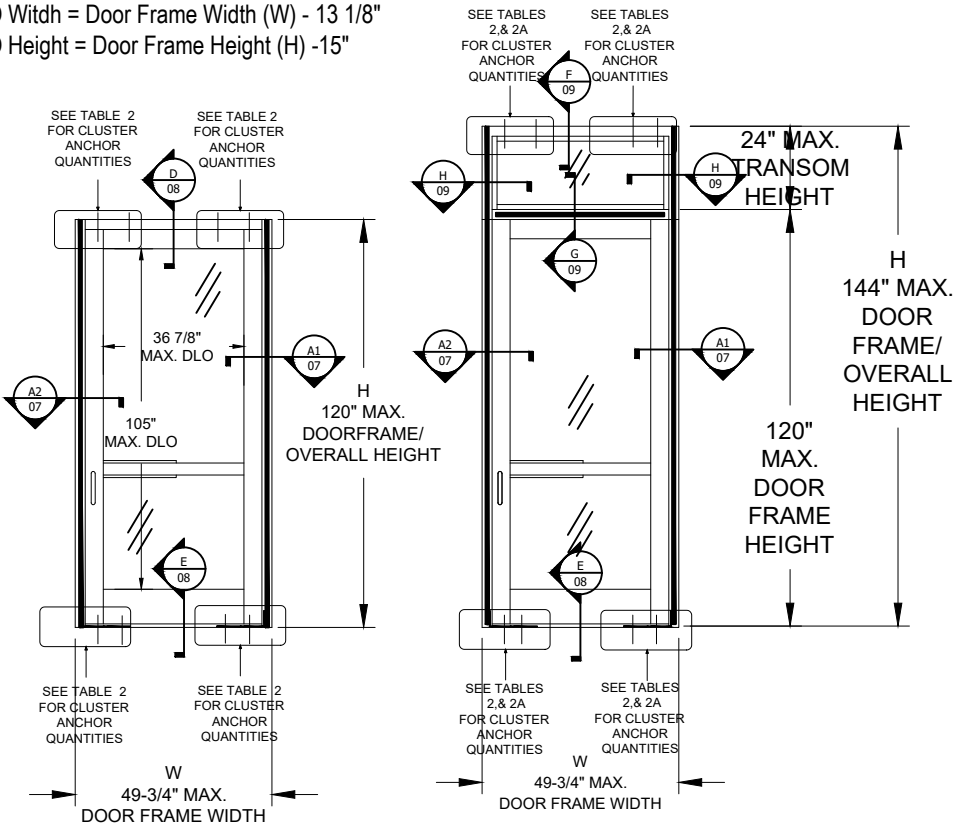
CGIC Architectural Products
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REV.	DATE	DESCRIPTION
#1	10-11-2020	UPDATE FBC 2020 7TH EDITION
DRAWING No. SCG-11227-19		
SHEET 02 OF 13		
DRAWN: MG	CHECKED: OYS	SCALE: AS NOTED
DATE: 10-11-20		

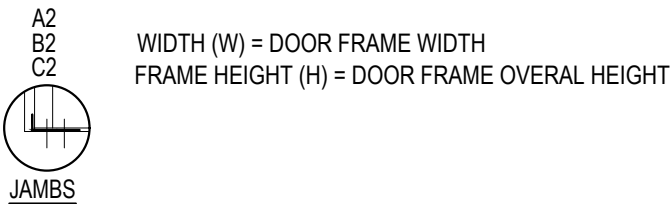
PREPARED BY OSCAR YAMIR SOUFFRONT, P.E.
15261 SW 139th STREET
MIAMI, FL 33196 PH. (786) 306-9417
FLORIDA LICENSE No. 72462
CERTIFICATE OF AUTHORIZATION No. 29697

DLO FORMULAS FOR SINGLE DOOR PANEL:

DLO Width = Door Frame Width (W) - 13 1/8"
DLO Height = Door Frame Height (H) - 15"



NOTES:
REINFORCEMENT # 28 IS REQUIRED AT DOOR HEAD
REINFORCEMENT #29 IS REQUIRED AT FREE STANDING JAMBS

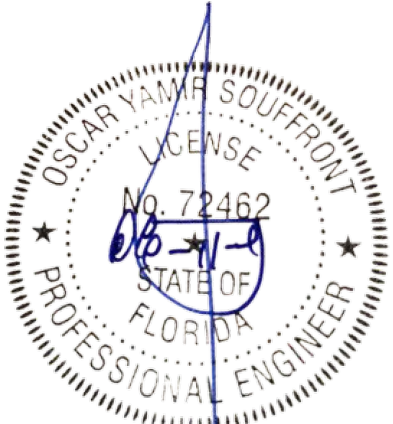


ANCHORS TYPES:
SEE TABLES A,B & C FOR ANCHOR DESCRIPTION
A2 = (2) ANCHORS TYPE 'A' AT JAMB CLUSTER
B2 = (2) ANCHORS TYPE 'B' AT JAMB CLUSTER
C2 = (2) ANCHORS TYPE 'C' AT JAMB CLUSTER

TABLE 2				
NOMINAL DIMS.		TYPES EXT.(+) & INT. (-)		
WIDTH	FRAME HEIGHT	A2	B2	C2
Inches	Inches	psf	psf	psf
30	84	105.81	147.98	77.80
36		88.18	123.32	64.83
42		75.58	105.70	55.57
48		66.13	92.49	48.62
49.75		63.81	89.24	46.91
30	96	92.59	129.48	68.07
36		77.16	107.90	56.73
42		66.13	92.49	48.62
48		57.87	80.93	42.54
49.75		55.83	78.08	41.05
30	108	82.30	115.10	60.51
36		68.58	95.91	50.42
42		58.78	82.21	43.22
48		51.44	71.94	37.82
49.75		49.63	69.41	36.49
30	120	74.07	103.59	54.46
36		61.72	86.32	45.38
42		52.91	73.99	38.90
48		46.29	64.74	34.04
49.75		44.66	62.46	32.84

TABLE 2A				
NOMINAL DIMS.		TYPES EXT.(+) & INT. (-)		
WIDTH	FRAME HEIGHT	A2	B2	C2
Inches	Inches	psf	psf	psf
30	126	70.54	98.65	51.86
36		58.78	82.21	43.22
42		50.39	70.47	37.05
48		44.09	61.66	32.42
49.75		42.54	59.49	31.27
30	132	67.34	94.17	49.51
36		56.11	78.48	41.26
42		48.10	67.26	35.36
48		42.08	58.86	30.94
49.75		40.60	56.79	29.85
30	138	64.41	90.08	23.68
36		53.67	75.06	19.73
42		46.01	64.34	16.91
48		40.25	56.30	14.80
49 3/4		38.84	54.32	14.28
30	144	61.72	86.32	22.69
36		51.44	71.94	18.91
42		44.09	61.66	16.21
48		38.58	53.95	14.18
49 3/4		37.22	52.05	13.68

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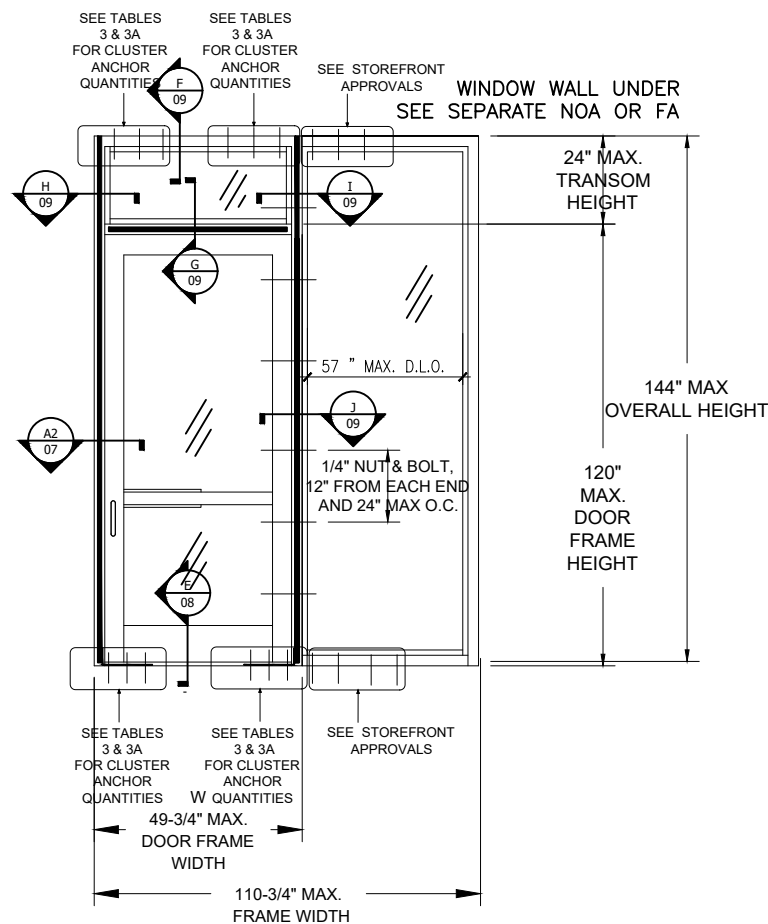


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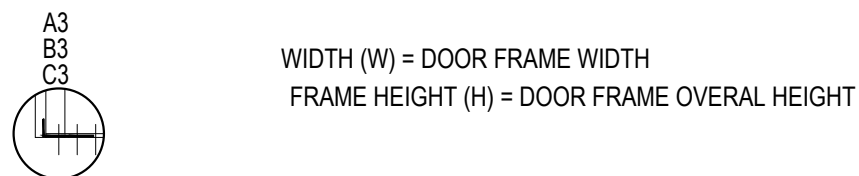
Series SS3450 NI OUTSWING ENTRANCE
DOOR W/NO TRANSOM.-N.I.

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2970 NW 75TH Avenue.
Miami FL 33122.
Phone (305)-718-8890
www.commercialcgi.com

REV.	DATE	DESCRIPTION	DRAWN: MG	CHECKED: OYS	SCALE: AS NOTED	DATE: 10-11-20
#1	10-11-2020	UPDATE FBC 2020 7TH EDITION				
DRAWING No.			SHEET			
SCG-11227-19			03 OF13			



NOTES:
REINFORCEMENT # 28 IS REQUIRED AT DOOR HEAD
REINFORCEMENT #29 IS REQUIRED AT FREE STANDING JAMBS



ANCHORS TYPES:

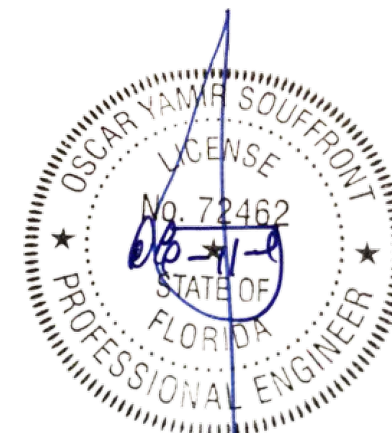
SEE TABLES A,B & C FOR ANCHOR DESCRIPTION

A3 = (3) ANCHORS TYPE 'A' AT JAMB CLUSTER
B3 = (3) ANCHORS TYPE 'B' AT JAMB CLUSTER
C3 = (3) ANCHORS TYPE 'C' AT JAMB CLUSTER

TABLE 3				
NOMINAL DIMS.		TYPES EXT.(+) & INT. (-)		
WIDTH	FRAME HEIGHT	A3	B3	C3
Inches	Inches	psf	psf	psf
30	84	158.72	221.97	116.69
36		132.27	184.98	97.25
42		113.37	158.55	83.35
48		99.20	138.73	72.93
49 3/4		95.71	133.85	70.37
30	96	138.88	194.23	102.11
36		115.73	161.86	85.09
42		99.20	138.73	72.93
48		86.80	121.39	63.82
49 3/4		83.75	117.12	61.57
30	108	123.45	172.65	90.76
36		102.87	143.87	75.64
42		88.18	123.32	64.83
48		77.16	107.90	56.73
49 3/4		74.44	104.11	54.73
30	120	111.10	155.38	81.69
36		92.59	129.48	68.07
42		79.36	110.99	58.35
48		69.44	97.11	51.05
49 3/4		67.00	93.70	49.26

TABLE 3A				
NOMINAL DIMS.		TYPES EXT.(+) & INT. (-)		
WIDTH	FRAME HEIGHT	A3	B3	C3
Inches	Inches	psf	psf	psf
30	126	105.81	147.98	77.80
36		88.18	123.32	64.83
42		75.58	105.70	55.57
48		66.13	92.49	48.62
49 3/4		63.81	89.24	46.91
30	132	101.00	141.26	74.26
36		84.17	117.71	61.88
42		72.15	100.90	53.04
48		63.13	88.28	46.41
49 3/4		60.91	85.18	44.78
30	138	96.61	135.11	35.52
36		80.51	112.60	29.60
42		69.01	96.51	25.37
48		60.38	84.45	22.20
49 3/4		58.26	81.48	21.42
30	144	92.59	129.48	34.04
36		77.16	107.90	28.36
42		66.13	92.49	24.31
48		57.87	80.93	21.27
49 3/4		55.83	78.08	20.52

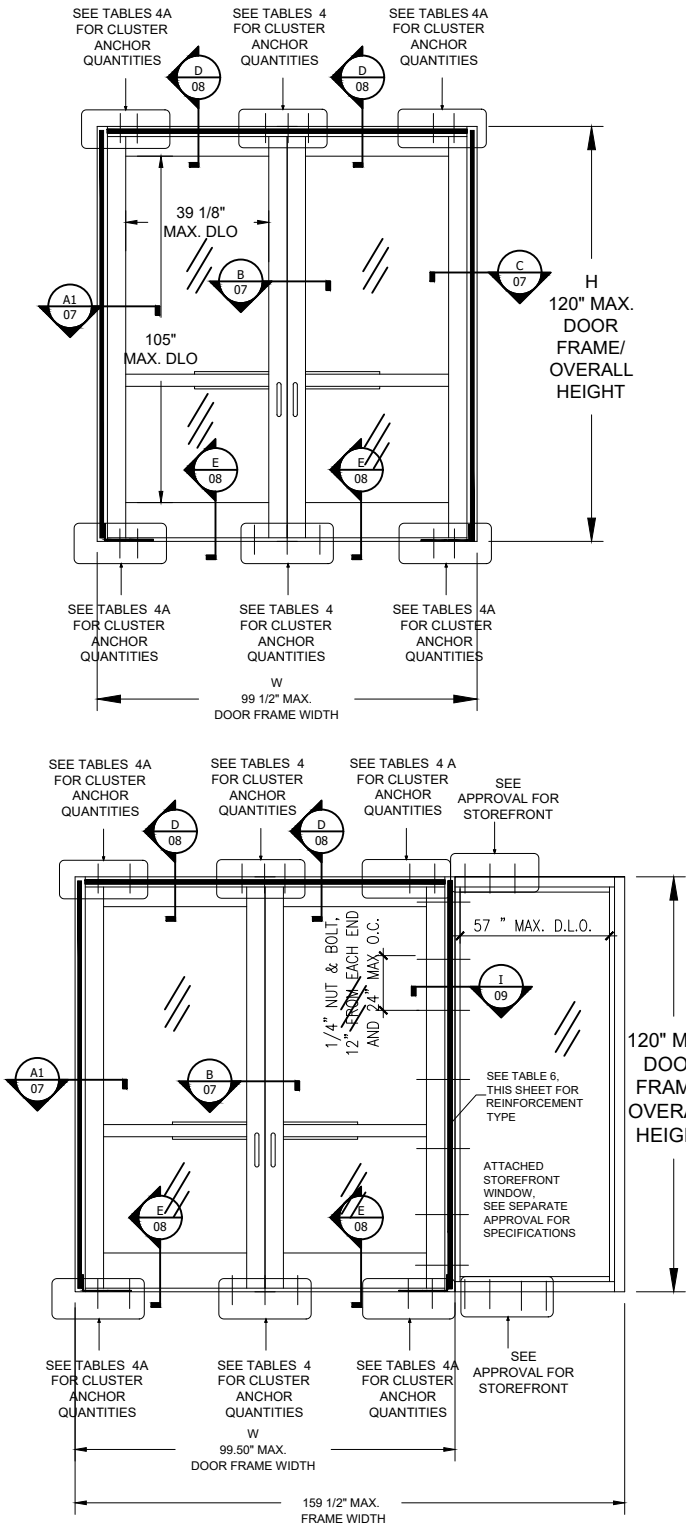
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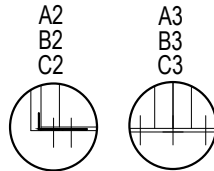


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Series SS3450 NI OUTSWING ENTRANCE DOOR W/NO TRANSOM.-N.I.		CGIC Architectural Products 2970 NW 75TH Avenue. Miami FL 33122. Phone (305)-718-8890 www.commercialcgi.com	
DESCRIPTION	UPDATE FBC 2020 7TH EDITION	PREPARED BY OSCAR YAMIR SOUFFRONT, P.E. 15261 SW 139th STREET MIAMI, FL 33196 PH. (786) 306-9417 FLORIDA LICENSE No. 72462 CERTIFICATE OF AUTHORIZATION No. 29697	
DATE	10-11-2020	DRAWN: MG	
REV.	#1	CHECKED: OYS	
		SCALE: AS NOTED	
		DATE: 10-11-20	
DRAWING No.		SHEET	
SCG-11227-19		04 OF13	



NOTES:
REINFORCEMENT # 28 IS REQUIRED AT DOOR HEAD
REINFORCEMENT #29 IS REQUIRED AT FREE STANDING JAMBS



WIDTH (W) = DOOR FRAME WIDTH
FRAME HEIGHT (H) = DOOR FRAME OVERALL HEIGHT

ANCHORS TYPES:
SEE TABLES A,B & C FOR ANCHOR DESCRIPTION

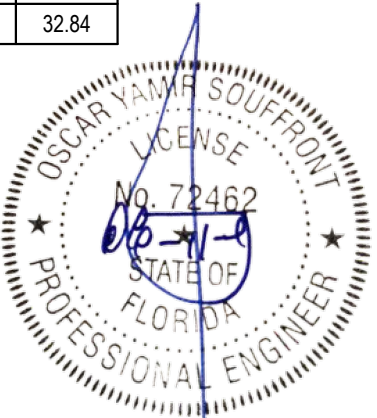
A2 = (2) ANCHORS TYPE 'A' AT JAMB CLUSTER
B2 = (2) ANCHORS TYPE 'B' AT JAMB CLUSTER
C2 = (2) ANCHORS TYPE 'C' AT JAMB CLUSTER

A3 = (3) ANCHORS TYPE 'A' AT CLUSTER
B3 = (3) ANCHORS TYPE 'B' AT CLUSTER
C3 = (3) ANCHORS TYPE 'C' AT CLUSTER

TABLE 4				
NOMINAL DIMS.		TYPES EXT.(+) & INT. (-)		
WIDTH	FRAME HEIGHT	A3	B3	C3
Inches	Inches	psf	psf	psf
60	84	79.36	110.99	58.35
66		72.15	100.90	53.04
72		66.13	92.49	48.62
78		61.05	85.37	44.88
84		56.69	79.28	41.68
90		52.91	73.99	38.90
96		49.60	69.37	36.47
99.5		47.86	66.93	35.18
60	96	69.44	97.11	51.05
66		63.13	88.28	46.41
72		57.87	80.93	42.54
78		53.42	74.70	39.27
84		49.60	69.37	36.47
90		46.29	64.74	34.04
96		43.40	60.70	31.91
99.5		41.87	58.56	30.79
60	108	61.72	86.32	45.38
66		56.11	78.48	41.26
72		51.44	71.94	37.82
78		47.48	66.40	34.91
84		44.09	61.66	32.42
90		41.15	57.55	30.25
96		38.58	53.95	28.36
99.5		37.22	52.05	27.37
60	120	55.55	77.69	40.84
66		50.50	70.63	37.13
72		46.29	64.74	34.04
78		42.73	59.76	31.42
84		39.68	55.49	29.17
90		37.03	51.79	27.23
96		34.72	48.56	25.53
99.5		33.50	46.85	24.63

TABLE 4A				
NOMINAL DIMS.		TYPES EXT.(+) & INT. (-)		
WIDTH	FRAME HEIGHT	A2	B2	C2
Inches	Inches	psf	psf	psf
60	84	105.81	147.98	77.80
66		96.19	134.53	70.72
72		88.18	123.32	64.83
78		81.39	113.83	59.84
84		75.58	105.70	55.57
90		70.54	98.65	51.86
96		66.13	92.49	48.62
99.5		63.81	89.24	46.91
60	96	92.59	129.48	68.07
66		84.17	117.71	61.88
72		77.16	107.90	56.73
78		71.22	99.60	52.36
84		66.13	92.49	48.62
90		61.72	86.32	45.38
96		57.87	80.93	42.54
99.5		55.83	78.08	41.05
60	108	82.30	115.10	60.51
66		74.82	104.63	55.01
72		68.58	95.91	50.42
78		63.31	88.54	46.54
84		58.78	82.21	43.22
90		54.87	76.73	40.34
96		51.44	71.94	37.82
99.5		49.63	69.41	36.49
60	120	74.07	103.59	54.46
66		67.34	94.17	49.51
72		61.72	86.32	45.38
78		56.98	79.68	41.89
84		52.91	73.99	38.90
90		49.38	69.06	36.30
96		46.29	64.74	34.04
99.5		44.66	62.46	32.84

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SIGNED & SEALED ON 10-15-2020



Series SS3450 NI OUTSWING ENTRANCE
DOOR W/NO TRANSOM.—N.I.

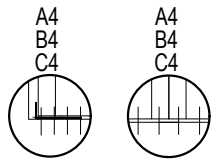
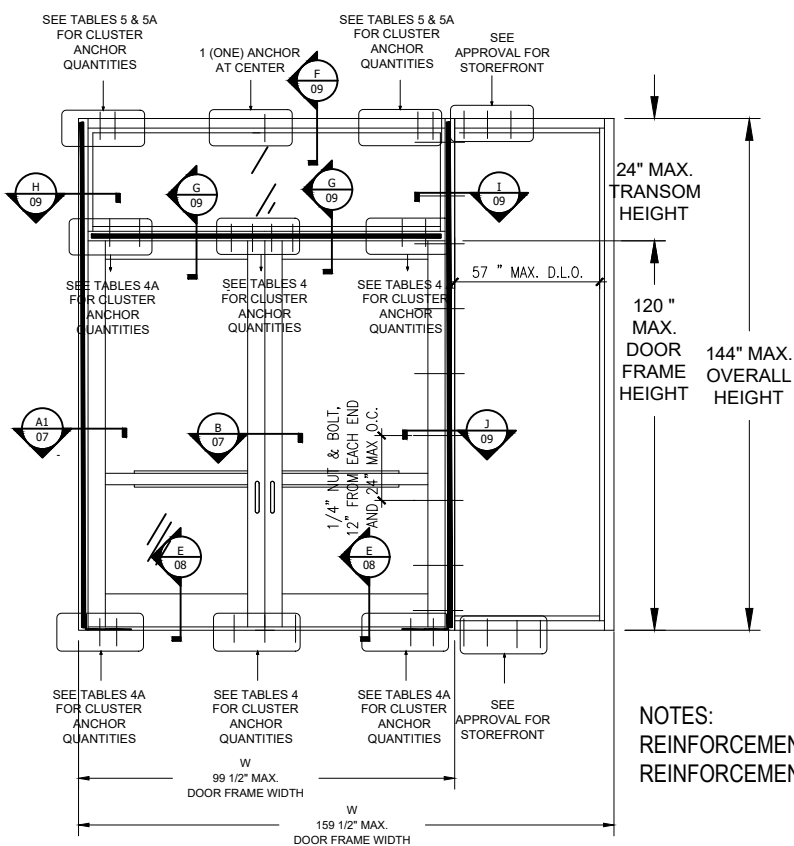
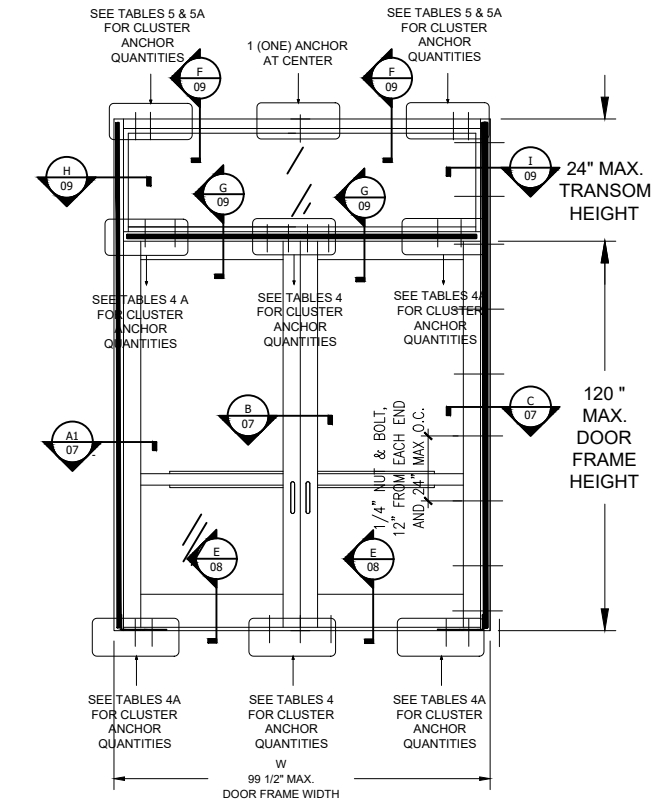
REV.	DATE	DESCRIPTION
#1	10-11-2020	UPDATE FBC 2020 7TH EDITION
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SCG-11227-19		
SHEET		
05 OF 13		

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Souffrontengineering@gmail.com

CGIC Architectural Products
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Phone (305)-718-8890
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15261 SW 139th STREET
MIAMI, FL 33196 PH. (786) 306-9417
FLORIDA LICENSE No. 72462
CERTIFICATE OF AUTHORIZATION No. 29697

DRAWN: MG
CHECKED: OYS
SCALE: AS NOTED
DATE: 10-11-20



WIDTH (W) = DOOR FRAME WIDTH
FRAME HEIGHT (H) = DOOR FRAME OVERALL HEIGHT

ANCHORS TYPES:

SEE TABLES A,B & C FOR ANCHOR DESCRIPTION

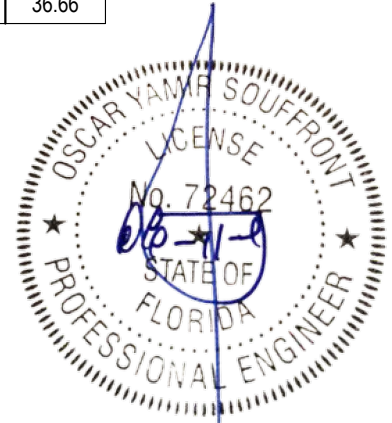
A4 = (4) ANCHORS TYPE 'A' AT CLUSTER
B4 = (4) ANCHORS TYPE 'B' AT CLUSTER
C4 = (4) ANCHORS TYPE 'C' AT CLUSTER

NOTES:
REINFORCEMENT # 28 IS REQUIRED AT DOOR HEAD
REINFORCEMENT #29 IS REQUIRED AT FREE STANDING JAMBS

TABLE 5				
NOMINAL DIMS.		TYPES EXT.(+) & INT. (-)		
WIDTH	FRAME HEIGHT	A4	B4	C4
Inches	Inches	psf	psf	psf
60	84	105.81	147.98	77.80
66		96.19	134.53	70.72
72		88.18	123.32	64.83
78		81.39	113.83	59.84
84		75.58	105.70	55.57
90		70.54	98.65	51.86
96		66.13	92.49	48.62
99.5	96	63.81	89.24	46.91
60		92.59	129.48	68.07
66		84.17	117.71	61.88
72		77.16	107.90	56.73
78		71.22	99.60	52.36
84		66.13	92.49	48.62
90		61.72	86.32	45.38
96	108	57.87	80.93	42.54
99.5		55.83	78.08	41.05
60		82.30	115.10	60.51
66		74.82	104.63	55.01
72		68.58	95.91	50.42
78		63.31	88.54	46.54
84		58.78	82.21	43.22
90	120	54.87	76.73	40.34
96		51.44	71.94	37.82
99.5		49.63	69.41	36.49
60		74.07	103.59	54.46
66		67.34	94.17	49.51
72		61.72	86.32	45.38
78		56.98	79.68	41.89
84	144	52.91	73.99	38.90
90		49.38	69.06	36.30
96		46.29	64.74	34.04
99.5		44.66	62.46	32.84

TABLE 5A				
NOMINAL DIMS.		TYPES EXT.(+) & INT. (-)		
WIDTH	FRAME HEIGHT	A4	B4	C4
Inches	Inches	psf	psf	psf
60	126	118.86	139.58	69.49
66		108.05	126.89	63.17
72		99.05	116.32	57.90
78		91.43	107.37	53.45
84		84.90	99.70	49.63
90		79.24	93.05	46.32
96		74.29	87.24	43.43
99.5	132	71.67	84.17	41.90
60		113.45	133.24	66.33
66		103.14	121.12	60.30
72		94.55	111.03	55.27
78		87.27	102.49	51.02
84		81.04	95.17	47.38
90		75.64	88.82	44.22
96	138	70.91	83.27	41.45
99.5		68.41	80.34	40.00
60		108.52	127.44	63.44
66		98.66	115.86	57.68
72		90.43	106.20	52.87
78		83.48	98.03	48.80
84		77.52	91.03	45.32
90	144	72.35	84.96	42.30
96		67.83	79.65	39.65
99.5		65.44	76.85	38.26
60		104.00	122.13	60.80
66		94.55	111.03	55.27
72		86.67	101.78	50.67
78		80.00	93.95	46.77
84	144	74.29	87.24	43.43
90		69.33	81.42	40.53
96		65.00	76.33	38.00
99.5		62.71	73.65	36.66

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**Series SS3450 NI OUTSWING ENTRANCE
DOOR W/NO TRANSOM.-N.I.**

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Phone (305)-718-8890
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DRAWN: MG	PREPARED BY OSCAR YAMIR SOUFFRONT, P.E.
CHECKED: OYS	15261 SW 139th STREET
SCALE: AS NOTED	MIAMI, FL 33196 PH. (786) 306-9417
DATE: 10-11-20	FLORIDA LICENSE No. 72462

DRAWING No. **SCG-11227-19**

SHEET **06 OF 13**

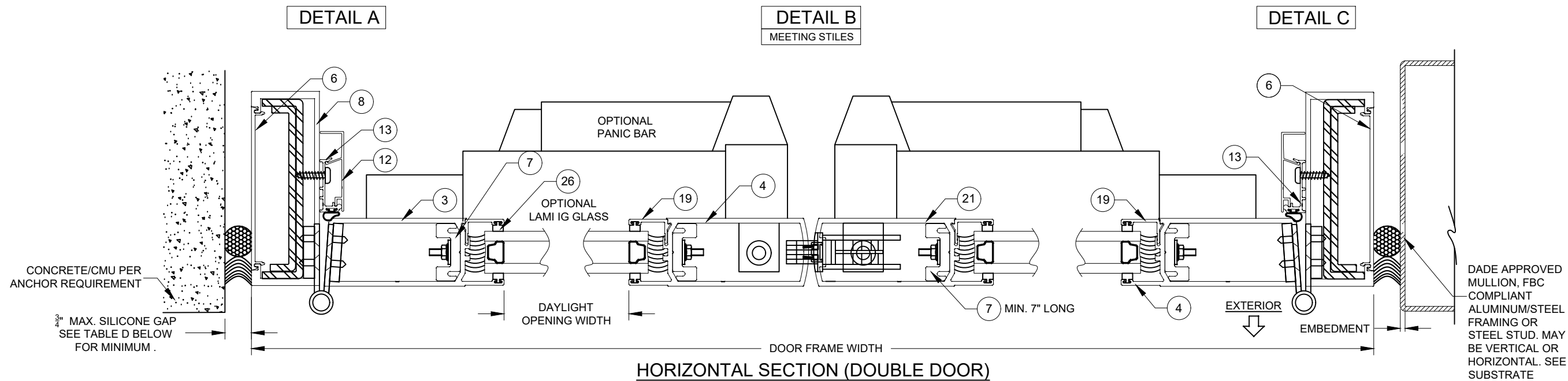


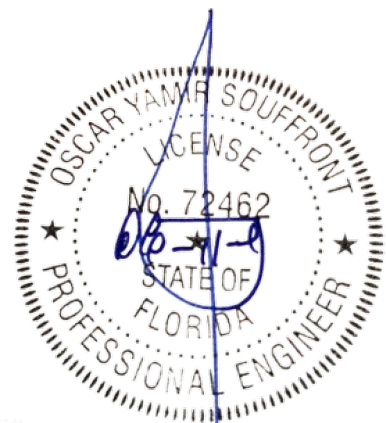
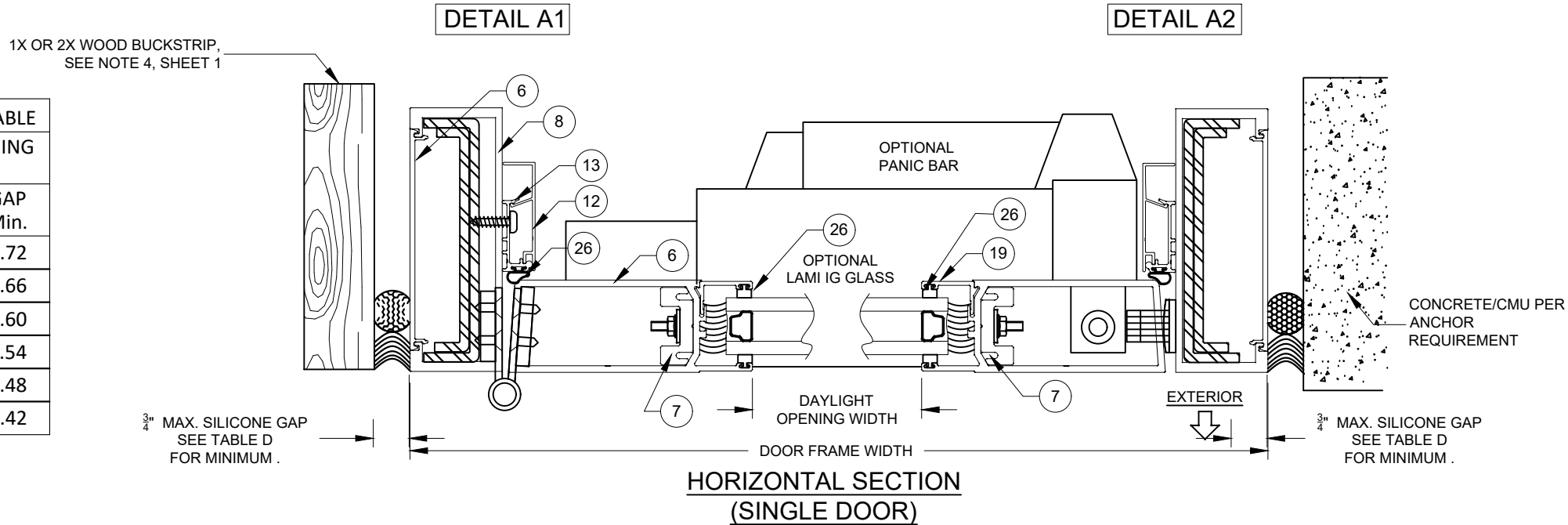
TABLE D

SILICONE TABLE DOW CORNING 790		SILICONE TABLE DOW CORNING 795	
FRAME HEIGHT	GAP Min.	FRAME HEIGHT	GAP Min.
144.00	0.46	144.00	0.72
132.00	0.42	132.00	0.66
120.00	0.38	120.00	0.60
108.00	0.35	108.00	0.54
96.00	0.31	96.00	0.48
84.00	0.27	84.00	0.42

ALL DIMENSIONS ARE INCHES

NOTES:

- USE ONLY SUBSTRATE APPROPRIATE ANCHORS, FOLLOW EMBEDMENT, EDGE DISTANCE AND SUBSTRATE REQUIREMENTS PER TABLE A,B & C. ANY INSTALLATION OPTION SHOWN MAY BE USED. ALL ANCHOR HEAD TYPES ARE ALLOWED.
- ALL WOOD BUCKS LESS THAN 1-1/2" THICK ARE TO BE CONSIDERED 1X INSTALLATIONS. 1X WOOD BUCKS ARE OPTIONAL. UNIT MAY BE INSTALLED DIRECTLY TO SUBSTRATE. 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. WOOD BUCK DESIGN AND INSTALLATION IS THE RESPONSIBILITY OF THE ENGINEER OR ARCHITECT OF RECORD.



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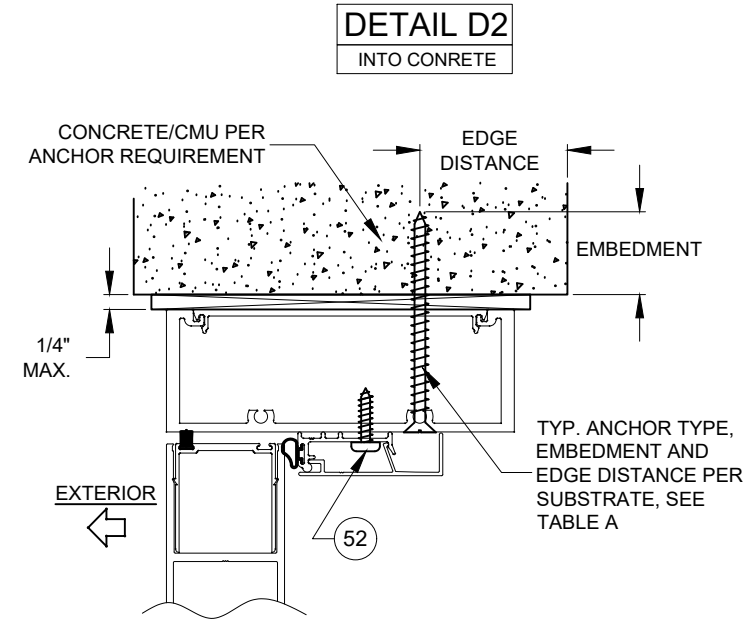
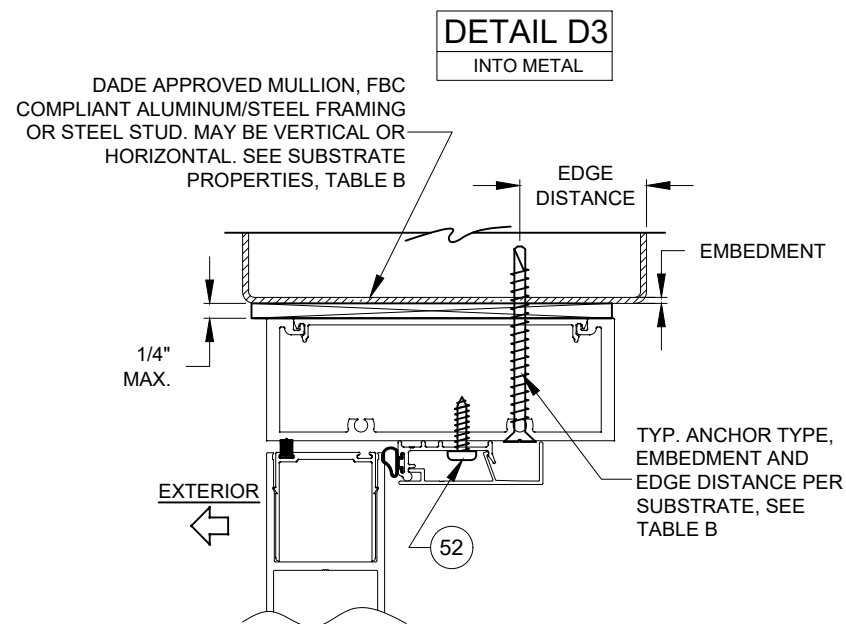
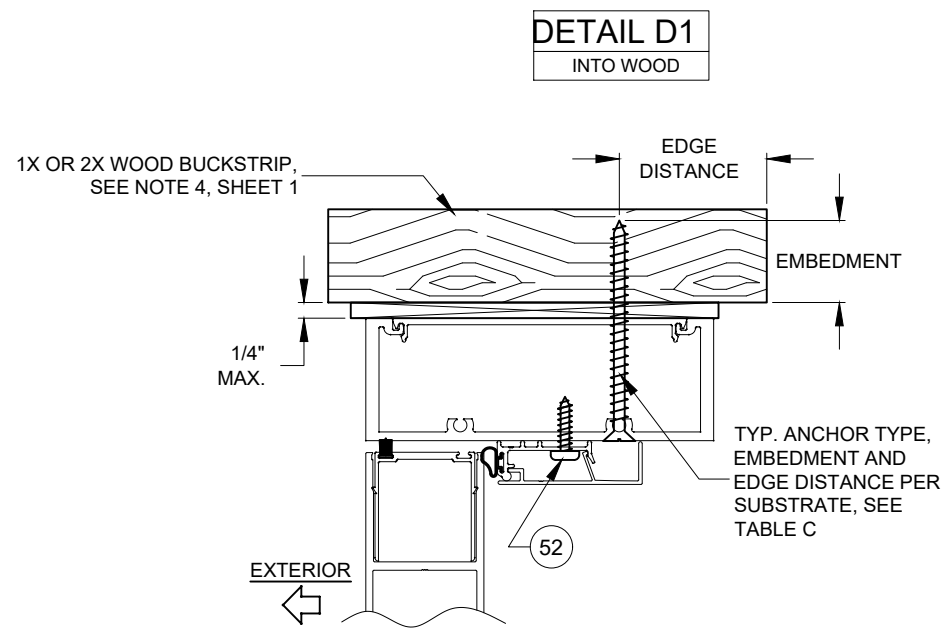
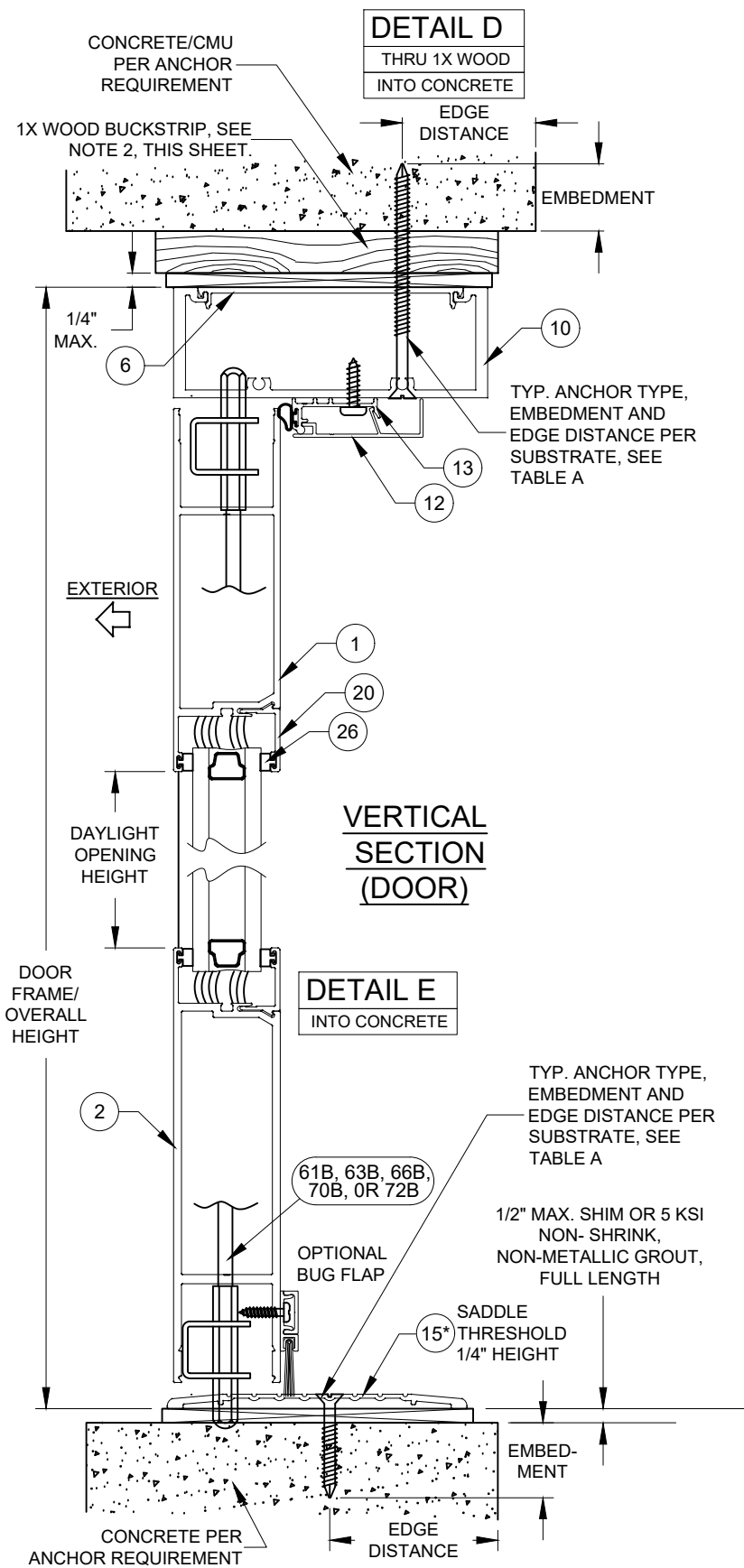
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SCG-11227-19			07 OF 13			

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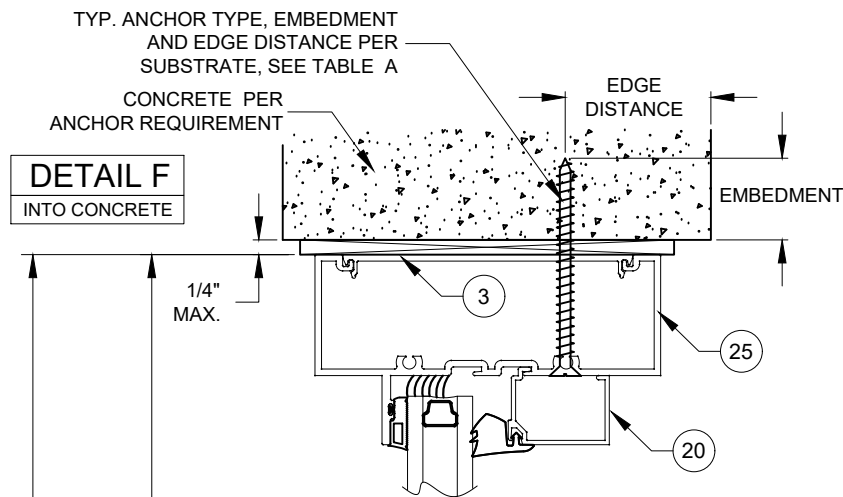
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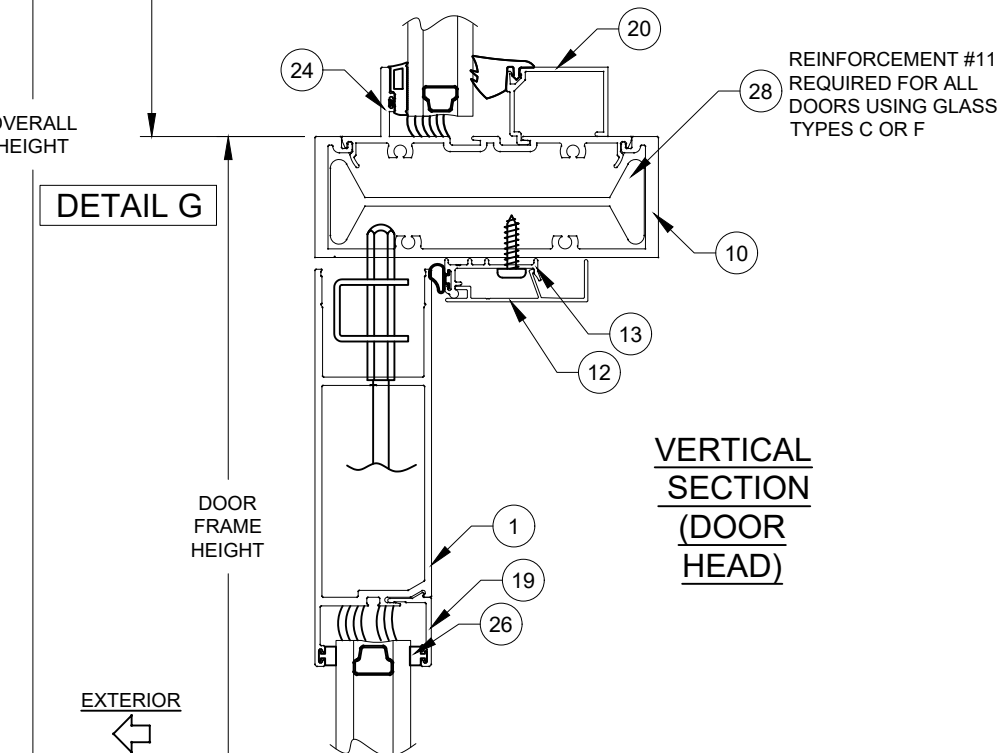
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SCG-11227-19			08 OF 13			

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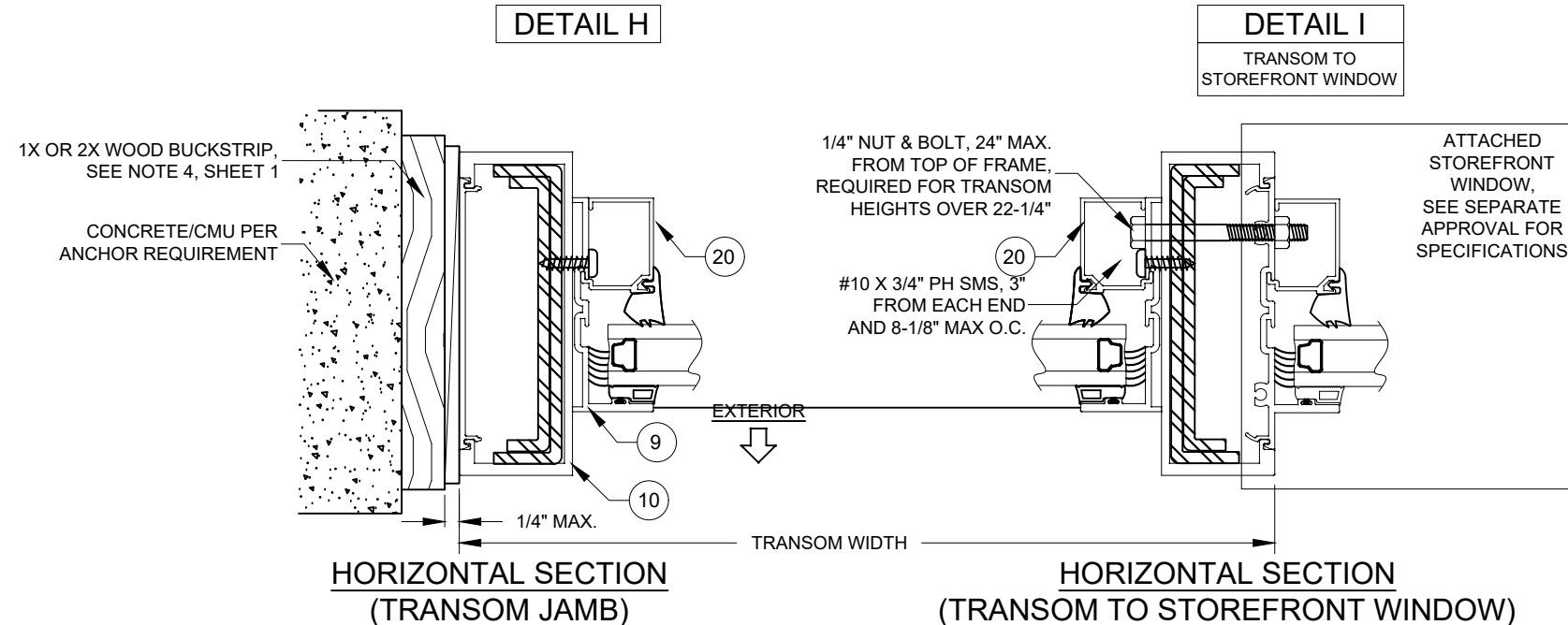
DETAIL F
INTO CONCRETE

VERTICAL SECTION
(TRANSOM)

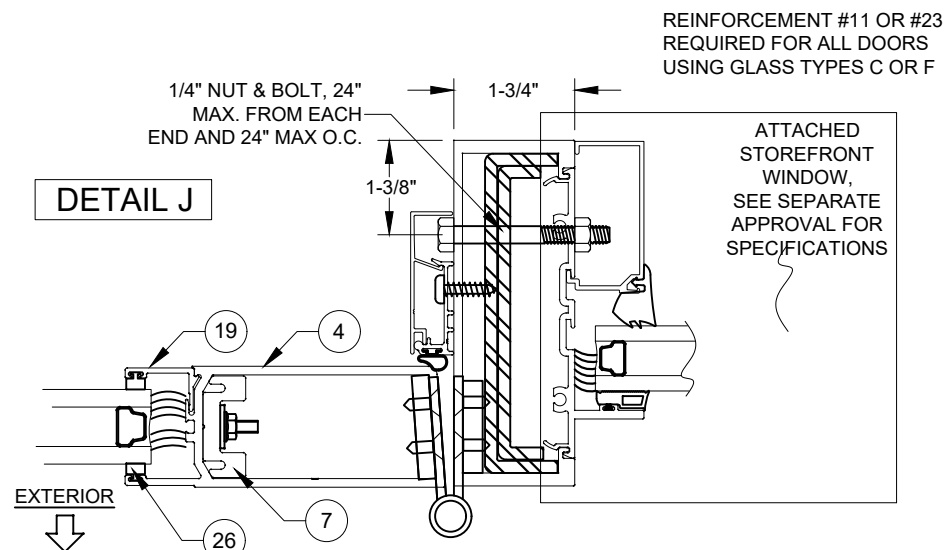


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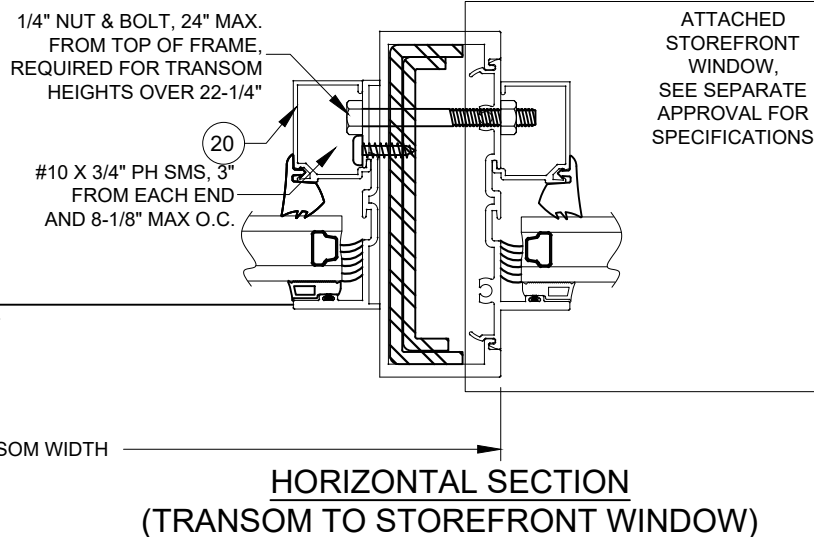
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HORIZONTAL SECTION
(TRANSOM JAMB)



HORIZONTAL SECTION
(DOOR TO STOREFRONT WINDOW)



HORIZONTAL SECTION
(TRANSOM TO STOREFRONT WINDOW)

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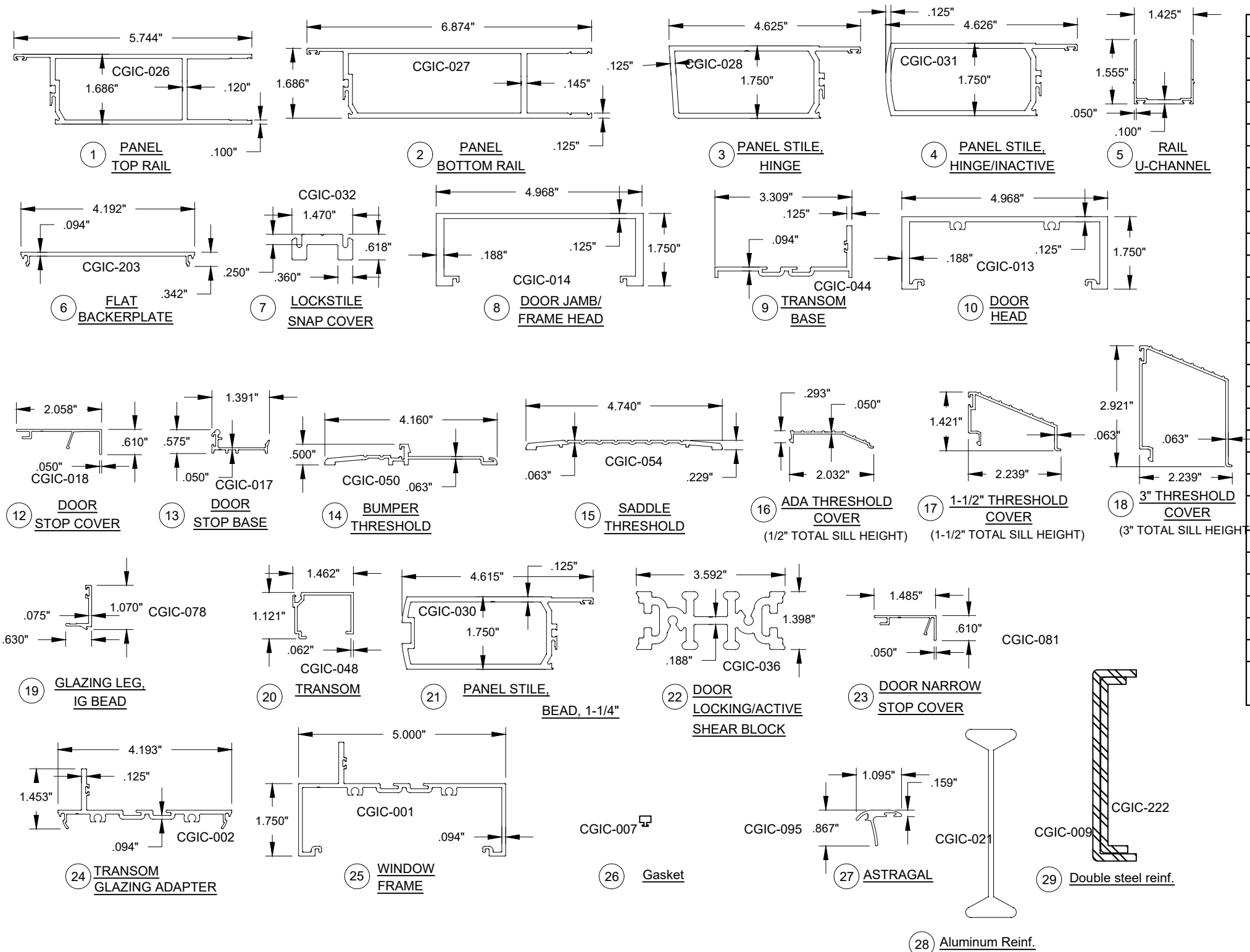
Series SS3450 NI OUTSWING ENTRANCE
DOOR W/VO TRANSOM.-N.I.

REV.	DATE	DESCRIPTION
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SHEET 09 OF 13		

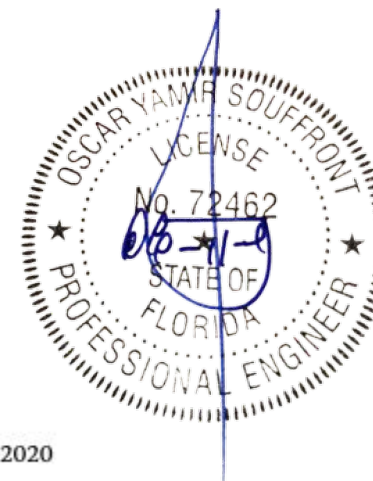
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ITEM No.	PART #	DESCRIPTION	MATERIAL
1	CGIC-026	PANEL TOP RAIL	6063-T6
2	CGIC-027	PANEL BOTTOM RAIL	6063-T6
3	CGIC-028	PANEL STILE HINGE	6063-T6
4	CGIC-031	PANEL STILE HINGE INACTIVE	6063-T6
5	CGIC-005	RAIL U-CHANNEL	6063-T6
6	CGIC-203	FLAT BACKER PLATE	6063-T6
7	CGIC-032	LOCKSTILE SNAP COVER	6063-T6
8	CGIC-014	DOOR JAMB FRAME HEAD	6063-T6
9	CGIC-044	TRANSOM BASE	6063-T6
10	CGIC-013	DOOR HEAD	6063-T6
11	NOT USED		
12	CGIC-018	DOOR STOP COVER	6063-T6
13	CGIC-017	DOOR STOP BASE	6063-T6
14	CGIC-050	BUMPER THRESHOLD	6063-T6
15	CGIC-054	SADDLE THRESHOLD	6063-T6
16		ADA THRESHOLD	6063-T6
17		1 1/2" THRESHOLD COVER	6063-T6
18		3" THRESHOLD COVER	6063-T6
19	CGIC-078	GLAZING LEG BEAD	6063-T6
20	CGIC-048	TRANSOM	6063-T6
21	CGIC-030	PANEL STILE	6063-T6
22	CGIC-036	DOOR LOCKING ACTIVE SHEAR BLOCK	6063-T6
23	CGIC-081	DOOR NARROW STOP COVER	6063-T6
24	CGIC-002	TRANSOM GLAZING ADAPTOR	6063-T6
25	CGIC-001	WINDOW FRAME	6063-T6
26	CGIC-007	GASKET	RUBBER
27	CGIC-095	ASTRAGAL	6063-T6
28	CGIC-021	ALUMINUM REINFORCEMENT	6063-T6
29	CGIC-009 CGIC-054	DOUBLE STEEL REINFORCEMENT	ASTM A36



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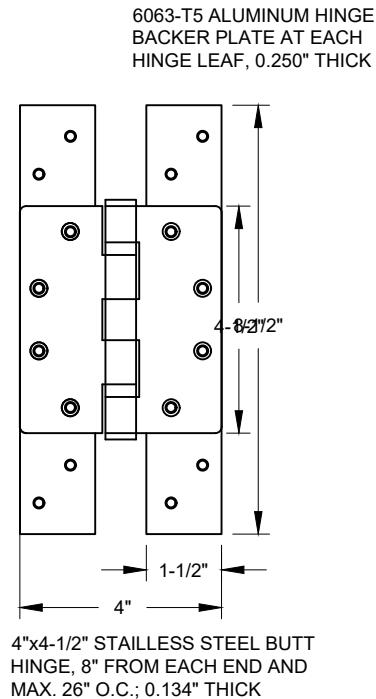
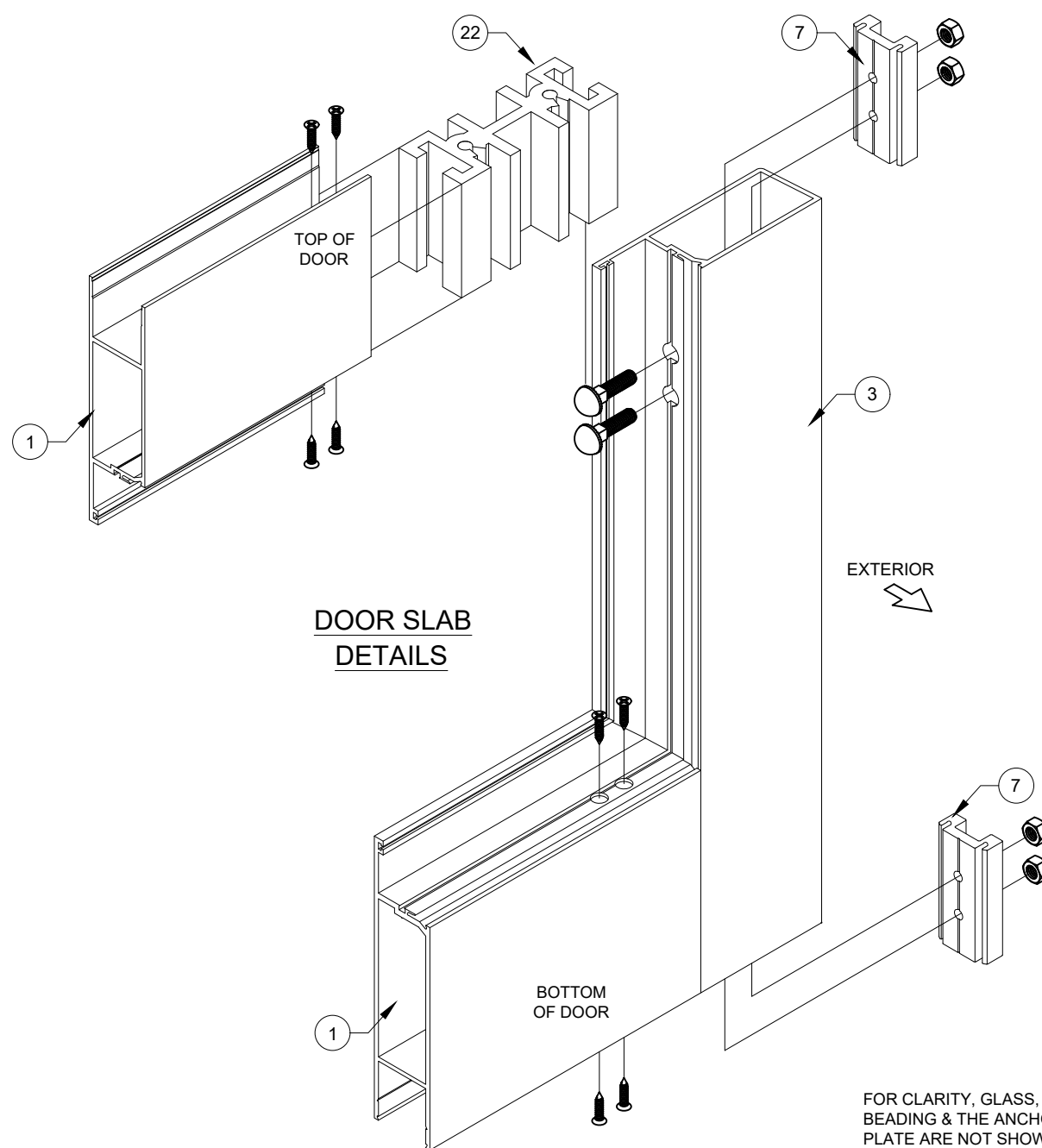
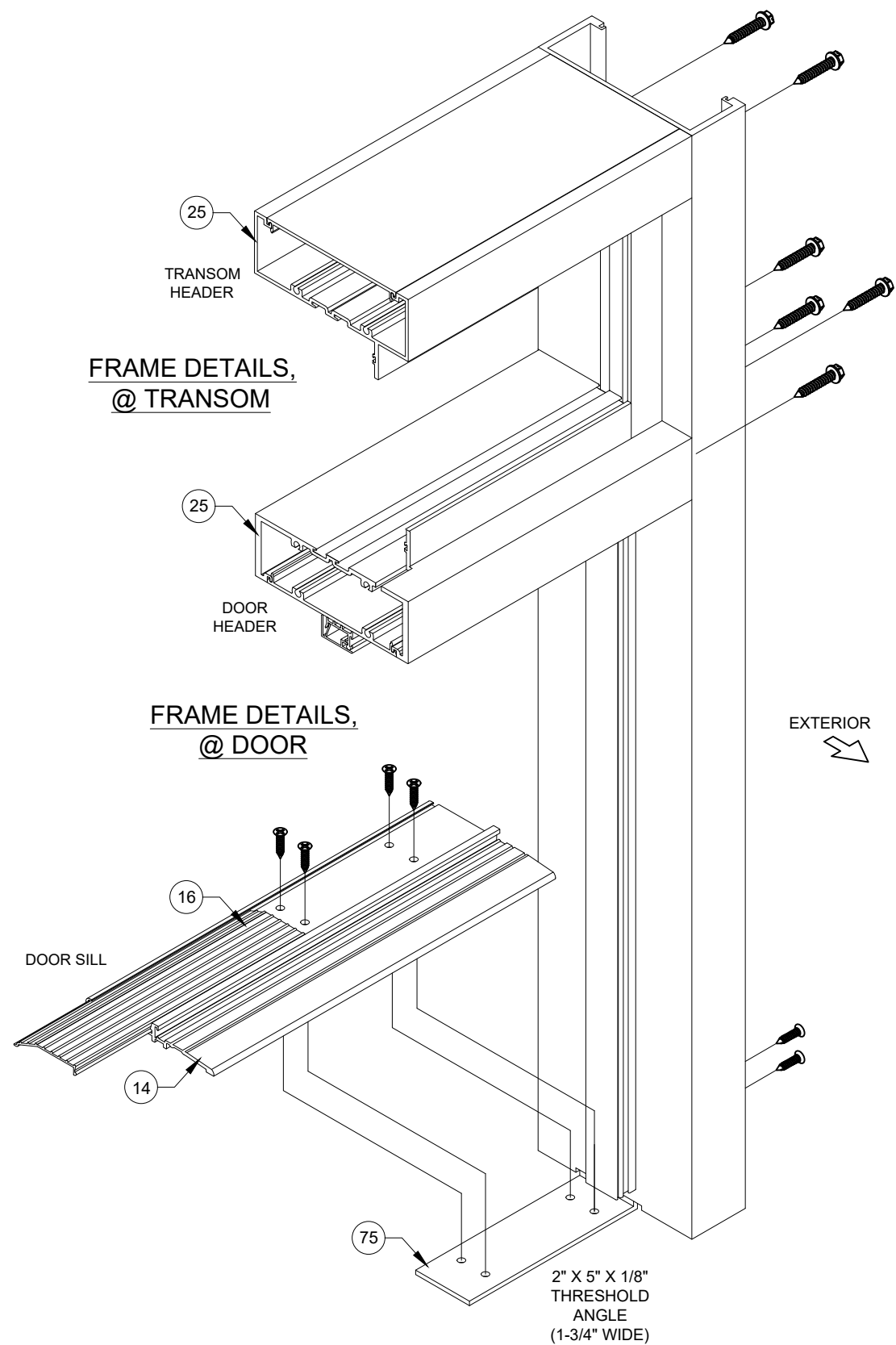
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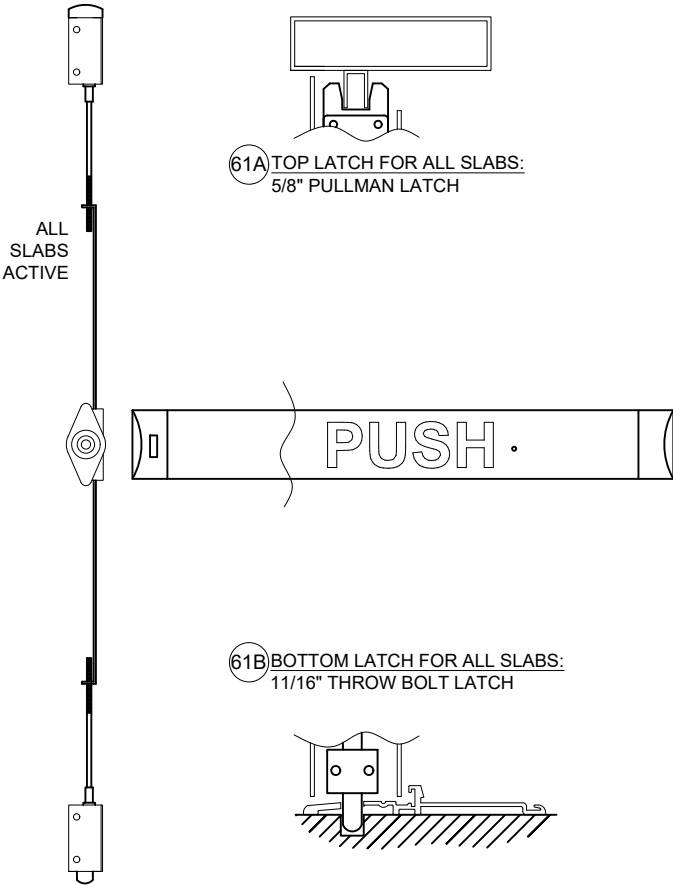
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DRAWING No.		SHEET			
SCG-11227-19		11 OF 13			

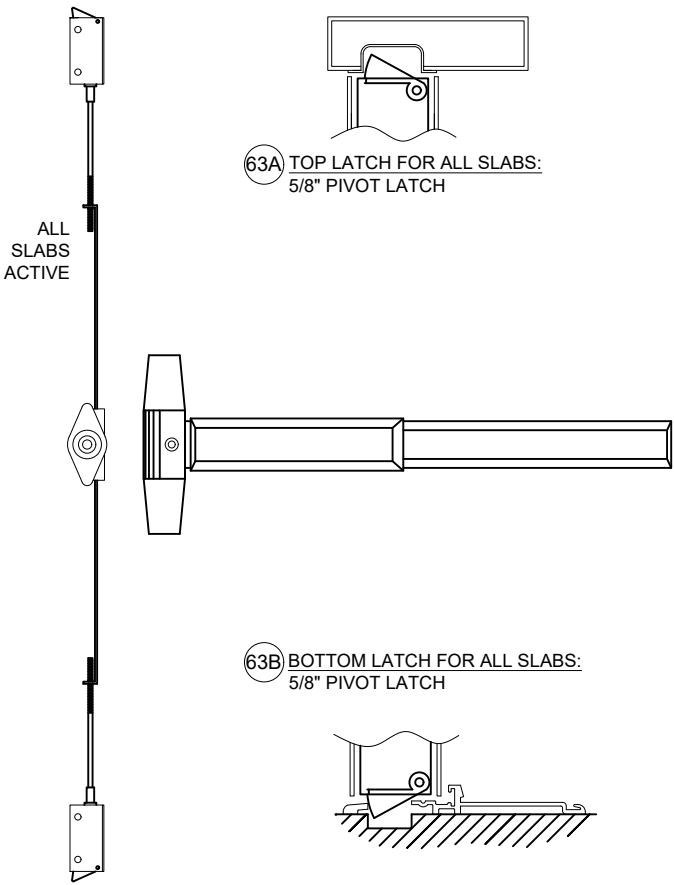
LOCK OPTION #1
(MAX. DP OF +90.0/-120.0)

- 60 FOR ALL SLABS:
2-POINT PANIC BAR, ALL SLABS
REGENT SERIES 5770
OPT. KEY OPERATED ON EXT.
OPT. KEY/THUMB-TURN ON INT.



LOCK OPTION #2
(MAX. DP OF +90.0/-120.0)

- 62 LOCK FOR ALL SLABS:
2-POINT PANIC BAR, ALL SLABS
VON DUPRIN SERIES 3347
OPT. KEY OPERATED ON EXT.
OPT. KEY/THUMB-TURN ON INT.



LOCK OPTION #3 (RESIDENTIAL)
(MAX. DP OF +90.0/-120.0)

- 64 LOCK FOR ACTIVE SLAB:
3-POINT LOCK SYSTEM
REGENT SERIES 206.2-3P
LEVER WITH KEY ON EXT.
LEVER WITH THUMB-TURN ON INT.
- 65 LOCK FOR NON-ACTIVE SLAB:
2-POINT LOCK SYSTEM
REGENT SERIES ML207-TT-2PT
INT./EXT. LEVER

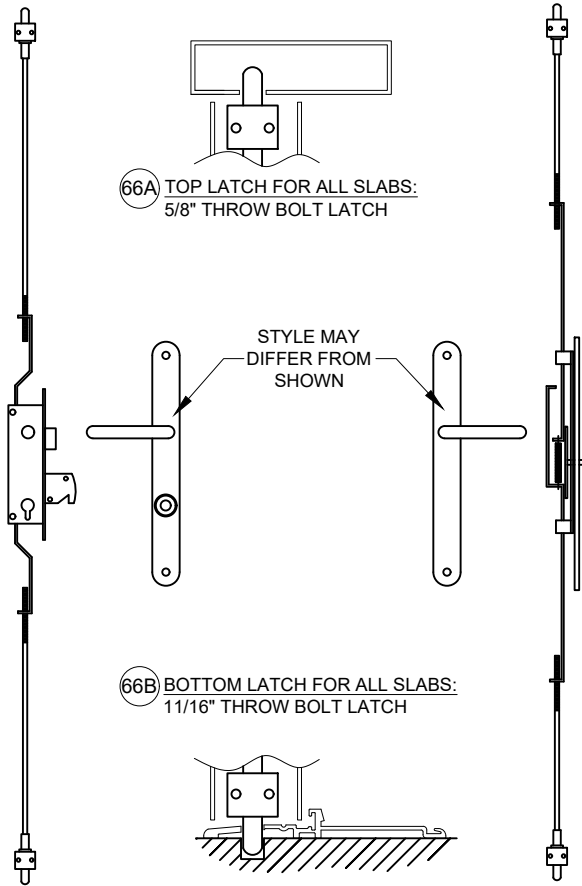
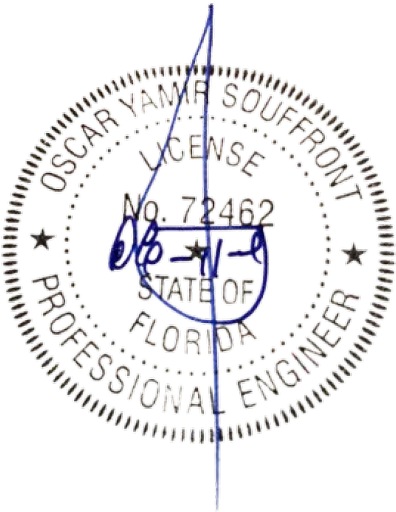


TABLE 6A:



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DRAWING No.		SHEET
SCG-11227-19		12 OF 13

LOCK OPTION #4 (COMMERCIAL)

(MAX. DP OF +90.0/-120.0)

67 LOCK FOR ACTIVE SLABS:
3-POINT LOCK SYSTEM
REGENT SERIES 2222
KEY OPERATED ON EXT.
THUMB-TURN ON INT.

68 LOCK FOR NON-ACTIVE SLABS:
2-POINT LOCK SYSTEM
REGENT SERIES 2-PT-L
KEY OPERATED ON EXT.
THUMB-TURN ON INT.

69A TOP LATCH FOR ALL SLABS:
1/2" THROW BOLT LATCH

69B BOTTOM LATCH FOR ALL SLABS:
1/2" THROW BOLT LATCH

STYLE MAY
DIFFER FROM
SHOWN

TABLE 6B:

LOCK OPTION #5 (HD COMMERCIAL)

(MAX. DP OF +90.0/-100.0)

67 LOCK FOR ACTIVE SLABS:
3-POINT LOCK SYSTEM
REGENT SERIES 2222
KEY OPERATED ON EXT.
THUMB-TURN ON INT.

68 LOCK FOR NON-ACTIVE SLABS:
2-POINT LOCK SYSTEM
REGENT SERIES 2-PT-L
KEY OPERATED ON EXT.
THUMB-TURN ON INT.

70A TOP LATCH FOR ALL SLABS:
BOLT GUIDE BLOCK
5/8" THROW BOLT LATCH

70B BOTTOM LATCH FOR ALL SLABS:
BOLT GUIDE BLOCK
11/16" THROW BOLT LATCH

STYLE MAY
DIFFER FROM
SHOWN

REQUIRED FOR DOOR FRAME HEIGHTS
OVER 97-3/4" OR DOOR FRAME WIDTHS
OVER 39-1/2" (SINGLE) OR 75-1/2" (DOUBLE).

LOCK OPTION #6

(MAX. DP OF +90.0/-100.0)

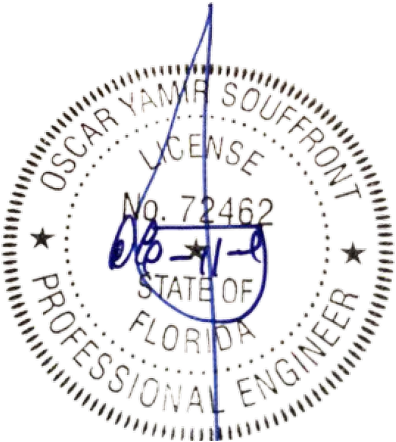
71 LOCK FOR ALL SLABS:
2-POINT PANIC BAR, ALL SLABS
JACKSON SERIES XXXX
OPT. KEY OPERATED ON EXT.
OPT. KEY/THUMB-TURN ON INT.

72A TOP LATCH FOR ALL SLABS:
JACKSON BOLT GUIDE BLOCK
1/2" THROW BOLT LATCH

72B BOTTOM LATCH FOR ALL SLABS:
JACKSON BOLT GUIDE BLOCK
1/2" THROW BOLT LATCH

ALL
SLABS
ACTIVE

REQUIRED FOR DOOR FRAME HEIGHTS
OVER 97-3/4" OR DOOR FRAME WIDTHS
OVER 39-1/2" (SINGLE) OR 75-1/2" (DOUBLE).



FL 31748
SIGNED & SEALED ON 10-15-2020



Souffront Construction's Group, Ltd. Co.
15261 SW 139th Street
Miami, FL 33196
Phone (786) 306-9417
Souffrontengineering@gmail.com

Series SS3450 NI OUTSWING ENTRANCE
DOOR W/VO TRANSOM.-N.I.

CGIC Architectural Products
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REV.	DATE	DESCRIPTION	DRAWING No.	SHEET
#1	10-11-2020	UPDATE FBC 2020 7TH EDITION	SCG-11227-19	13 OF 13
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