

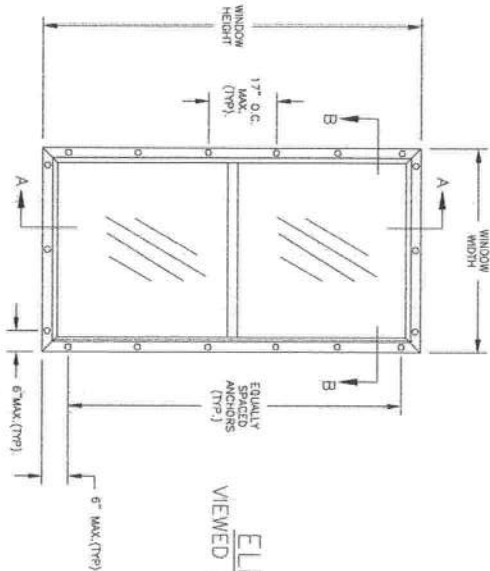
44

As required by Florida Statute 553.842 and Florida Administrative Code 9B-72, please provide the information and approval numbers on the building components listed below if they will be utilized on the construction project for which you are applying for a building permit. We recommend you contact your local product supplier should you not know the product approval number for any of the applicable listed products. Statewide approved products are listed online @ www.floridabuilding.org

Category/Subcategory	Manufacturer	Product Description	Approval Number(s)
1. EXTERIOR DOORS			
A. SWINGING	Plastpro	Swinging Doors Exterior	FL-16094.1
B. SLIDING			
C. SECTIONAL/ROLL UP			
D. OTHER			
2. WINDOWS			
A. SINGLE/DOUBLE HUNG	MI	Single Hung Vinyl Windows	FL-17499
B. HORIZONTAL SLIDER			
C. CASEMENT			
D. FIXED			
E. MULLION			
F. SKYLIGHTS			
G. OTHER			
3. PANEL WALL			
A. SIDING	Hardie	Concrete Masonry Siding	FL-13192
B. SOFFITS			
C. STOREFRONTS			
D. GLASS BLOCK			
E. OTHER			
4. ROOFING PRODUCTS			
A. ASPHALT SHINGLES	Tamko	Architectural Shingles	FL-18355-R4
B. NON-STRUCT METAL			
C. ROOFING TILES			
D. SINGLE PLY ROOF			
E. OTHER			
5. STRUCT COMPONENTS			
A. WOOD CONNECTORS	Simpson	Wood Connectors / Anchors	
B. WOOD ANCHORS		SP 4	10456.43
C. TRUSS PLATES		HETA 16	11473.3
D. INSULATION FORMS		LLSTA 24	10852.4
E. LINTELS		ABW 66Z	10849.6
F. OTHERS		ABW 44Z	10849.6
6. NEW EXTERIOR ENVELOPE PRODUCTS			

The products listed below did not demonstrate product approval at plan review. I understand that at the time of inspection of these products, the following information must be available to the inspector on the jobsite; 1) copy of the product approval, 2) performance characteristics which the product was tested and certified to comply with, 3) copy of the applicable manufacturers installation requirements.
Further, I understand these products may have to be removed if approval cannot be demonstrated during inspection.

NOTES: _____



ELEVATION
VIEWED FROM EXTERIOR

Maximum design pressure capacity chart (psf)

Height (ft)	17.50	19.50	23.50	27.50	29.50	31.75	35.50	39.50	41.50	43.50	47.50	53.75
Pos	Pos	Pos	Pos	Pos	Pos	Pos	Pos	Pos	Pos	Pos	Pos	Pos
Mag	Mag	Mag	Mag	Mag	Mag	Mag	Mag	Mag	Mag	Mag	Mag	Mag
37.50	35.0	32.5	35.0	32.5	35.0	32.5	35.0	32.5	35.0	32.5	35.0	32.5
38.50	35.0	32.5	35.0	32.5	35.0	32.5	35.0	32.5	35.0	32.5	35.0	32.5
39.50	35.0	32.5	35.0	32.5	35.0	32.5	35.0	32.5	35.0	32.5	35.0	32.5
40.50	35.0	32.5	35.0	32.5	35.0	32.5	35.0	32.5	35.0	32.5	35.0	32.5
41.50	35.0	32.5	35.0	32.5	35.0	32.5	35.0	32.5	35.0	32.5	35.0	32.5
42.50	35.0	32.5	35.0	32.5	35.0	32.5	35.0	32.5	35.0	32.5	35.0	32.5
43.50	35.0	32.5	35.0	32.5	35.0	32.5	35.0	32.5	35.0	32.5	35.0	32.5
44.50	35.0	32.5	35.0	32.5	35.0	32.5	35.0	32.5	35.0	32.5	35.0	32.5
45.50	35.0	32.5	35.0	32.5	35.0	32.5	35.0	32.5	35.0	32.5	35.0	32.5
46.50	35.0	32.5	35.0	32.5	35.0	32.5	35.0	32.5	35.0	32.5	35.0	32.5
47.50	35.0	32.5	35.0	32.5	35.0	32.5	35.0	32.5	35.0	32.5	35.0	32.5
48.50	35.0	32.5	35.0	32.5	35.0	32.5	35.0	32.5	35.0	32.5	35.0	32.5
49.50	35.0	32.5	35.0	32.5	35.0	32.5	35.0	32.5	35.0	32.5	35.0	32.5
50.50	35.0	32.5	35.0	32.5	35.0	32.5	35.0	32.5	35.0	32.5	35.0	32.5
51.50	35.0	32.5	35.0	32.5	35.0	32.5	35.0	32.5	35.0	32.5	35.0	32.5
52.50	35.0	32.5	35.0	32.5	35.0	32.5	35.0	32.5	35.0	32.5	35.0	32.5
53.50	35.0	32.5	35.0	32.5	35.0	32.5	35.0	32.5	35.0	32.5	35.0	32.5
54.50	35.0	32.5	35.0	32.5	35.0	32.5	35.0	32.5	35.0	32.5	35.0	32.5
55.50	35.0	32.5	35.0	32.5	35.0	32.5	35.0	32.5	35.0	32.5	35.0	32.5
56.50	35.0	32.5	35.0	32.5	35.0	32.5	35.0	32.5	35.0	32.5	35.0	32.5
57.50	35.0	32.5	35.0	32.5	35.0	32.5	35.0	32.5	35.0	32.5	35.0	32.5
58.50	35.0	32.5	35.0	32.5	35.0	32.5	35.0	32.5	35.0	32.5	35.0	32.5
59.50	35.0	32.5	35.0	32.5	35.0	32.5	35.0	32.5	35.0	32.5	35.0	32.5
60.50	35.0	32.5	35.0	32.5	35.0	32.5	35.0	32.5	35.0	32.5	35.0	32.5
61.50	35.0	32.5	35.0	32.5	35.0	32.5	35.0	32.5	35.0	32.5	35.0	32.5
62.50	35.0	32.5	35.0	32.5	35.0	32.5	35.0	32.5	35.0	32.5	35.0	32.5
63.50	35.0	32.5	35.0	32.5	35.0	32.5	35.0	32.5	35.0	32.5	35.0	32.5
64.50	35.0	32.5	35.0	32.5	35.0	32.5	35.0	32.5	35.0	32.5	35.0	32.5
65.50	35.0	32.5	35.0	32.5	35.0	32.5	35.0	32.5	35.0	32.5	35.0	32.5
66.50	35.0	32.5	35.0	32.5	35.0	32.5	35.0	32.5	35.0	32.5	35.0	32.5
67.50	35.0	32.5	35.0	32.5	35.0	32.5	35.0	32.5	35.0	32.5	35.0	32.5
68.50	35.0	32.5	35.0	32.5	35.0	32.5	35.0	32.5	35.0	32.5	35.0	32.5
69.50	35.0	32.5	35.0	32.5	35.0	32.5	35.0	32.5	35.0	32.5	35.0	32.5
70.50	35.0	32.5	35.0	32.5	35.0	32.5	35.0	32.5	35.0	32.5	35.0	32.5
71.50	35.0	32.5	35.0	32.5	35.0	32.5	35.0	32.5	35.0	32.5	35.0	32.5
72.00	35.0	32.5	35.0	32.5	35.0	32.5	35.0	32.5	35.0	32.5	35.0	32.5

Number of anchors required. Units anchored using 6d nails.

Height (ft)	17.50	19.50	23.50	27.50	29.50	31.75	35.50	39.50	41.50	43.50	47.50	53.75
Pos	Pos	Pos	Pos	Pos	Pos	Pos	Pos	Pos	Pos	Pos	Pos	Pos
Mag	Mag	Mag	Mag	Mag	Mag	Mag	Mag	Mag	Mag	Mag	Mag	Mag
37.50	2	2	2	2	2	2	2	2	2	2	2	2
38.50	2	2	2	2	2	2	2	2	2	2	2	2
39.50	2	2	2	2	2	2	2	2	2	2	2	2
40.50	2	2	2	2	2	2	2	2	2	2	2	2
41.50	2	2	2	2	2	2	2	2	2	2	2	2
42.50	2	2	2	2	2	2	2	2	2	2	2	2
43.50	2	2	2	2	2	2	2	2	2	2	2	2
44.50	2	2	2	2	2	2	2	2	2	2	2	2
45.50	2	2	2	2	2	2	2	2	2	2	2	2
46.50	2	2	2	2	2	2	2	2	2	2	2	2
47.50	2	2	2	2	2	2	2	2	2	2	2	2
48.50	2	2	2	2	2	2	2	2	2	2	2	2
49.50	2	2	2	2	2	2	2	2	2	2	2	2
50.50	2	2	2	2	2	2	2	2	2	2	2	2
51.50	2	2	2	2	2	2	2	2	2	2	2	2
52.50	2	2	2	2	2	2	2	2	2	2	2	2
53.50	2	2	2	2	2	2	2	2	2	2	2	2
54.50	2	2	2	2	2	2	2	2	2	2	2	2
55.50	2	2	2	2	2	2	2	2	2	2	2	2
56.50	2	2	2	2	2	2	2	2	2	2	2	2
57.50	2	2	2	2	2	2	2	2	2	2	2	2
58.50	2	2	2	2	2	2	2	2	2	2	2	2
59.50	2	2	2	2	2	2	2	2	2	2	2	2
60.50	2	2	2	2	2	2	2	2	2	2	2	2
61.50	2	2	2	2	2	2	2	2	2	2	2	2
62.50	2	2	2	2	2	2	2	2	2	2	2	2
63.50	2	2	2	2	2	2	2	2	2	2	2	2
64.50	2	2	2	2	2	2	2	2	2	2	2	2
65.50	2	2	2	2	2	2	2	2	2	2	2	2
66.50	2	2	2	2	2	2	2	2	2	2	2	2
67.50	2	2	2	2	2	2	2	2	2	2	2	2
68.50	2	2	2	2	2	2	2	2	2	2	2	2
69.50	2	2	2	2	2	2	2	2	2	2	2	2
70.50	2	2	2	2	2	2	2	2	2	2	2	2
71.50	2	2	2	2	2	2	2	2	2	2	2	2
72.00	2	2	2	2	2	2	2	2	2	2	2	2

Number of anchors required. Units anchored with #8 wood screw.

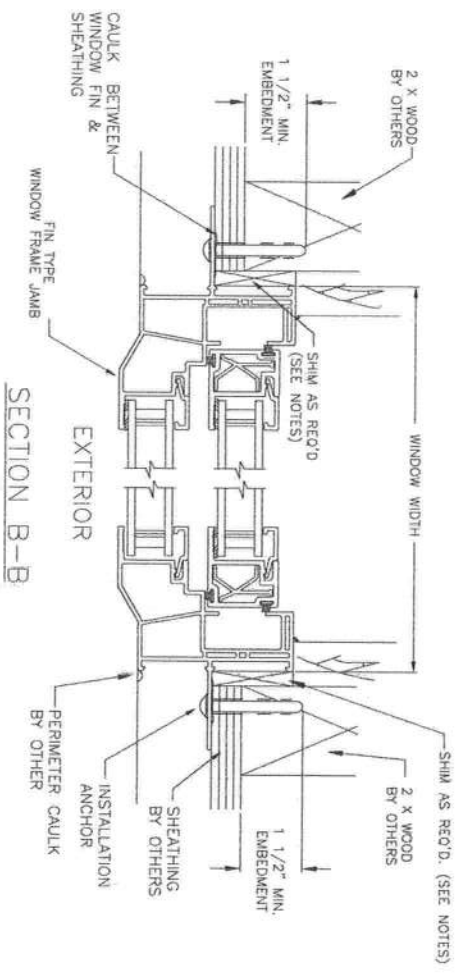
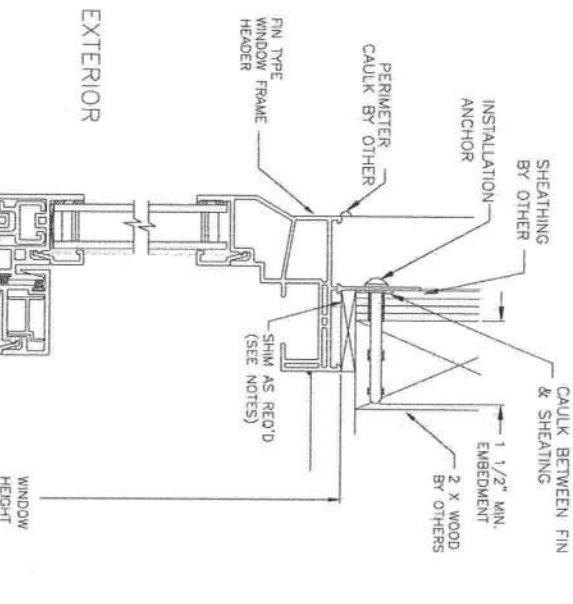
Height (ft)	17.50	19.50	23.50	27.50	29.50	31.75	35.50	39.50	41.50	43.50	47.50	53.75
Pos	Pos	Pos	Pos	Pos	Pos	Pos	Pos	Pos	Pos	Pos	Pos	Pos
Mag	Mag	Mag	Mag	Mag	Mag	Mag	Mag	Mag	Mag	Mag	Mag	Mag
37.50	2	2	2	2	2	2	2	2	2	2	2	2
38.50	2	2	2	2	2	2	2	2	2	2	2	2
39.50	2	2	2	2	2	2	2	2	2	2	2	2
40.50	2	2	2	2	2	2	2	2	2	2	2	2
41.50	2	2	2	2	2	2	2	2	2	2	2	2
42.50	2	2	2	2	2	2	2	2	2	2	2	2
43.50	2	2	2	2	2	2	2	2	2	2	2	2
44.50	2	2	2	2	2	2	2	2	2	2	2	2
45.50	2	2	2	2	2	2	2	2	2	2	2	2
46.50	2	2	2	2	2	2	2	2	2	2	2	2
47.50	2	2	2	2	2	2	2	2	2	2	2	2
48.50	2	2	2	2	2	2	2	2	2	2	2	2
49.50	2	2	2	2	2	2	2	2	2	2	2	2
50.50	2	2	2	2	2	2	2	2	2	2	2	2
51.50	2	2	2	2	2	2	2	2	2	2	2	2
52.50	2	2	2	2	2	2	2	2	2	2	2	2
53.50	2	2	2	2	2	2	2	2	2	2	2	2
54.50	2	2	2	2	2	2	2	2	2	2	2	2
55.50	2	2	2	2	2	2	2	2	2	2	2	2
56.50	2	2	2	2	2	2	2	2	2	2	2	2
57.50	2	2	2	2	2	2	2	2	2	2	2	2
58.50	2	2	2	2	2	2	2	2	2	2	2	2
59.50	2	2	2	2	2	2	2	2	2	2	2	2
60.50	2	2	2	2	2	2	2	2	2	2	2	2
61.50	2	2	2	2	2	2	2	2	2	2	2	2
62.50	2	2	2	2	2	2	2	2	2	2	2	2
63.50	2	2	2	2	2	2	2	2	2	2	2	2
64.50	2	2	2	2	2	2	2	2	2	2	2	2
65.50	2	2	2	2	2	2	2	2	2	2	2	2
66.50	2	2	2	2	2	2	2	2	2	2	2	2
67.50	2	2	2	2	2	2	2	2	2	2	2	2
68.50	2	2	2	2	2	2	2	2	2	2	2	2
69.50	2	2	2	2	2	2	2	2	2	2	2	2
70.50	2	2	2	2	2	2	2	2	2	2	2	2
71.50	2	2	2	2	2	2	2	2	2	2	2	2
72.00	2	2	2	2	2	2	2	2	2	2	2	2

REV	DESCRIPTION	DATE	APPROVED
A	REVISED PER 2007 FBC	8/13/08	R.L.
B	ADDED ANCHOR CHARTS	01/25/12	R.L.
C	REVISED NAME	10/15/13	R.L.

NOTES:

- 1) THE PRODUCT SHOWN HEREIN IS DESIGNED AND MANUFACTURED TO COMPLY WITH REQUIREMENTS OF THE FLORIDA BUILDING CODE.
- 2) OPENING TO BE DESIGNED TO PROPERLY TRANS

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
A	REVISED PER 2007 FBC	8/13/08	R.L.
B	ADDED ANCHOR CHARTS	01/25/12	R.L.
C	REVISED NAME	10/15/13	R.L.



Horizontal		
Window Horizontal Call Size	Window Horizontal I F D	
1-6	17 1/2	
1-8	19 1/2	
2-0	23 1/2	
2-4	27 1/2	
2-6	29 1/2	
2-8	31 3/4	
3-0	35 1/2	
3-4	39 1/2	
3-6	41 1/2	
3-8	43 1/2	
4-0	47 1/2	
SPCL	53 1/8	

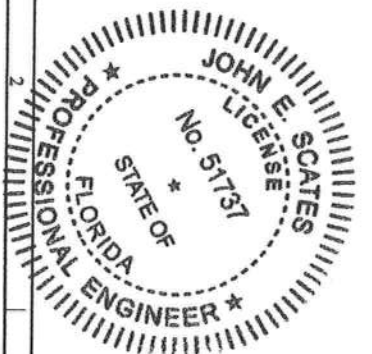
Vertical		
Window Vertical Call Size	Window Vertical I F D	
2-4	27 1/2	
3-0	35 1/2	
3-8	43 1/2	
4-0	47 1/2	
4-4	51 1/2	
4-8	55 1/2	
5-0	59 3/4	
SPCL	72	

MI WINDOWS AND DOORS LLC
 1001 W. CROSBY RD.
 CARROLLTON, TX 75006

SERIES GA 7050 RECTANGULAR PVC SH
 TILT WINDOW - 53 1/8 X 72
 INSTALLATION DETAILS AND DESIGN PRESURE CHART

DESIGN: R.L.
 SCALE: NTS
 DATE: 9/09/07
 SHEET: 2 OF 2





Window Options:

For Glass:
 Max daylight opening 30'-3/8" x 12'-1/2"
 (up to +44.3/-51.5 psf)
 Max daylight opening 16'-3/4" x 10'-1/4"
 (up to +50.7/-57.5 psf)
 1/8" DSB
 1/4" Tempered Glass
 7/16" Insulated Glass
 For Lexan:
 Max daylight opening 16'-3/4" x 10'-1/4"
 (up to +44.7/-51.5 psf)
 1/4" Lexan with Aluminum Frame

door height	section quantity	strut quantity	trk brkt per side
6'-6" to 7'-0"	4	4	3
7'-6" to 8'-0"	5	5	4
8'-3" to 8'-9"	5	5	4
9'-0" to 10'-6"	6	6	5
10'-9" to 12'-3"	7	7	6
12'-6" to 14'-0"	8	8	7
14'-3" to 15'-9"	9	9	8
16'-0" to 17'-6"	10	10	9
17'-9" to 19'-3"	11	11	10
19'-6" to 20'-0"	12	12	11

Track bracket quantities shown are for use with grade 2 or better space-pine-fir (SPF) or southern pine joints.

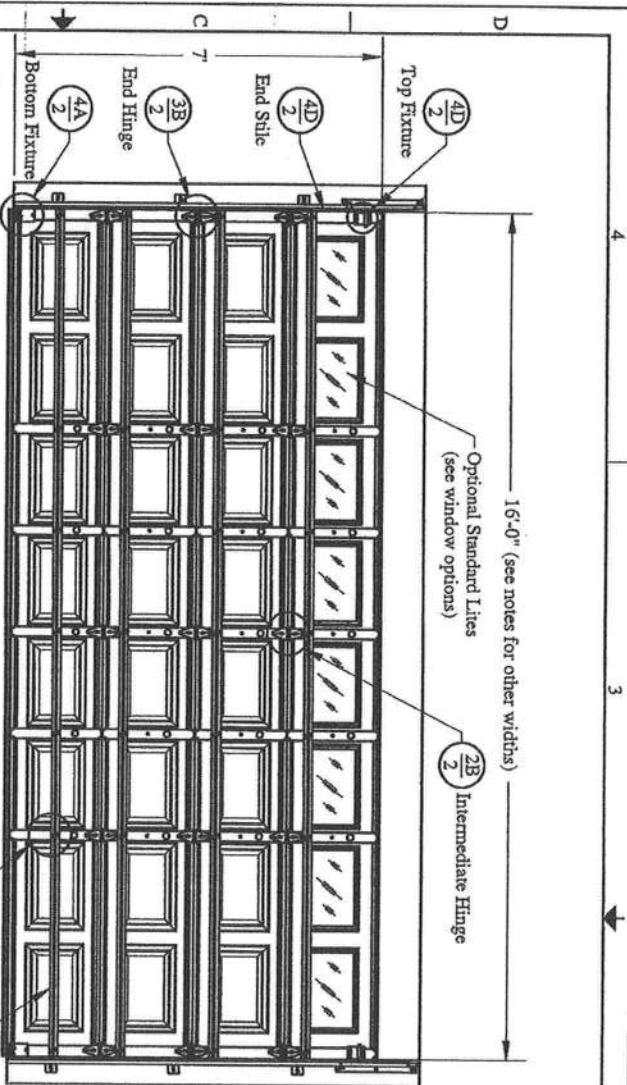
Supplemental Instructions contain details for doors up to 20'-0" high. These are required in addition to this drawing for installation. Always use supplemental instructions in addition to this drawing during door installation.



Model 2240, 2241, 2250, 2251
 03-15-2012

37.4 (psf) / -41.6 (psf) at 08'-00" through 10.9 (psf) / -12.1 (psf) at 21'-00"

C.H.I. Drawing: F23-16-01311



This door has been evaluated in accordance with ASTM E 330-02 and ANSI/DASMA 108-02 and 108-05. Per ASCE 7-10 as referenced by FBC 2010.

Design Pressures (DP) typically meet or exceed the requirements for the following wind speeds. These wind speeds are for 7 high doors, taller openings typically withstand higher wind speeds.

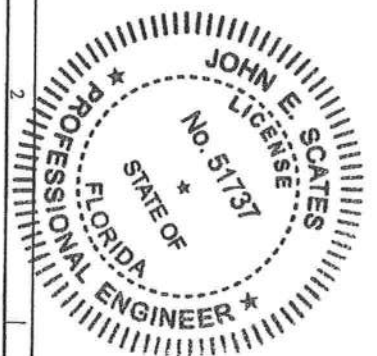
Width	Design Pressure	Exposure "B"	Exposure "C"	Windows	Center Siles
21'-00"	10.9 (psf) / -12.1 (psf)	110 (mph)	93 (mph)	10	9
20'-00"	12.0 (psf) / -13.3 (psf)	115 (mph)	98 (mph)	10	9
19'-00"	13.3 (psf) / -14.8 (psf)	121 (mph)	102 (mph)	10	9
18'-06"	14.0 (psf) / -15.6 (psf)	124 (mph)	105 (mph)	10	9
18'-00"	14.8 (psf) / -16.4 (psf)	128 (mph)	108 (mph)	8	5
16'-06"	17.6 (psf) / -19.6 (psf)	139 (mph)	117 (mph)	8	5
16'-00"	18.7 (psf) / -20.8 (psf)	143 (mph)	121 (mph)	8	5
15'-00"	19.9 (psf) / -22.2 (psf)	147 (mph)	124 (mph)	7	4
14'-00"	21.4 (psf) / -23.8 (psf)	152 (mph)	128 (mph)	7	4
12'-00"	24.9 (psf) / -27.7 (psf)	163 (mph)	138 (mph)	6	4
11'-00"	27.2 (psf) / -30.3 (psf)	169 (mph)	143 (mph)	5	4
10'-06"	28.5 (psf) / -31.7 (psf)	173 (mph)	146 (mph)	5	4
10'-00"	29.9 (psf) / -33.3 (psf)	177 (mph)	149 (mph)	5	4
09'-06"	31.5 (psf) / -35.0 (psf)	181 (mph)	153 (mph)	4	3
09'-00"	33.2 (psf) / -37.0 (psf)	185 (mph)	156 (mph)	4	3
08'-06"	35.2 (psf) / -39.2 (psf)	190 (mph)	160 (mph)	4	3
08'-00"	37.4 (psf) / -41.6 (psf)	195 (mph)	165 (mph)	4	3

Pressures must be reduced by the ratio of widths squared for a door wider than one shown. Pressures may be increased by the simple ratio of widths for a door narrower than one shown.

Supporting structural elements to be designed by registered professional engineer for specified wind loads. If door is not electrically operated, a lock must be installed. Maximum door height: 20'-0"

FL 15012R1

John E. Scates, P.E.
 3121 Fatigue Drive
 Carrollton, Texas 75007
 Florida P.E. # 51737



Struct (if applicable) not shown for clarity.

(.059) galvanized steel top fixture. Each fixture attached with four 1/4" x 3/4" screws.

push nut

(.034) end stile manufactured by C.H.I.

(.109) galvanized steel top fixture. Each fixture attached with two 1/4" x 3/4" screws.

push nut

(.034) end stile manufactured by C.H.I.

Optional low head room top bracket

2" (max. for .069 thick) 4" (max. for .109 thick)

nominal Ø 2" (min.) 10 (min.) ball roller with nylon or steel tread.

(.102) galvanized steel bottom bracket manufactured by C.H.I. Each bracket attached with four red 1/4" x 3/4" screws.

push nut

Vinyl Aluminum extrusion

The vertical wood jamb fasteners may be counter sunk to provide a flat mounting surface. See jamb attachment details for more information about attaching jamb to structure.

2" x 7/16" (nominal) stop molding to be secured with minimum 8d nail or 2-1/2" long screw on 8" spacing. Stop molding not required when door is more than 1" wider than opening.

nominal (.0185) galvanized steel minimum

(.034) center stile manufactured by C.H.I.

2" (min) x .045 (min) galvanized steel track

End Hinge galvanized steel fastened to section with four 1/4" x 3/4" screws.

push nut

2-3/4"

Intermediate Hinge (.058) galvanized steel fastened to section with four 1/4" x 3/4" screws.

2-3/4"

3" 1-7/8" 1/2"

(.051) 50 ksi galvanized steel 3" strut attached with two 1/4" x 3/4" screws per stile or hinge plate.

push nut

(.109) galvanized steel bottom bracket manufactured by C.H.I. Each bracket attached with four red 1/4" x 3/4" screws.

Optional low head room bottom bracket

Details on some views may have been omitted for clarity.

(.086) galvanized steel flag bracket fastened to wood jamb with three 5/16" x 1-5/8" wood lag screws.

Flag bracket attached to horizontal track with two 1/4" x 5/8" track bolts and nuts.

Flag bracket attached to vertical track with two 1/4" x 5/8" track bolts and nuts. Or two 1/4" x 11/32" rivets.

(.102) galvanized steel track bracket fastened to wood jamb with one 5/16" x 1-5/8" wood lag screw per bracket.

Each track bracket attached with one 1/4" x 5/8" track bolt and nut. Or two 1/4" x 11/32" rivets.

John E. Scates
5/2/12

John E. Scates, P.E.
3121 Fairgate Drive
Carrollton, Texas 75007
Florida P.E. # 51737

Model	2240, 2241, 2250, 2251
DATE	03-15-2012
BY	nts
37.4 (psf) / -41.6 (psf) at 08'-00" through	
10.9 (psf) / -12.1 (psf) at 21'-00"	

C.H.I. Drawing: FZ3-16-01311
page 2 of 2



plastpro

5200 W. CENTURY BLVD.
LOS ANGELES, CA 90045

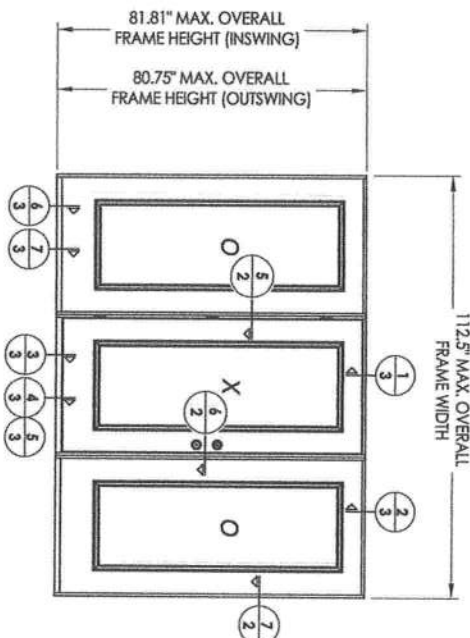
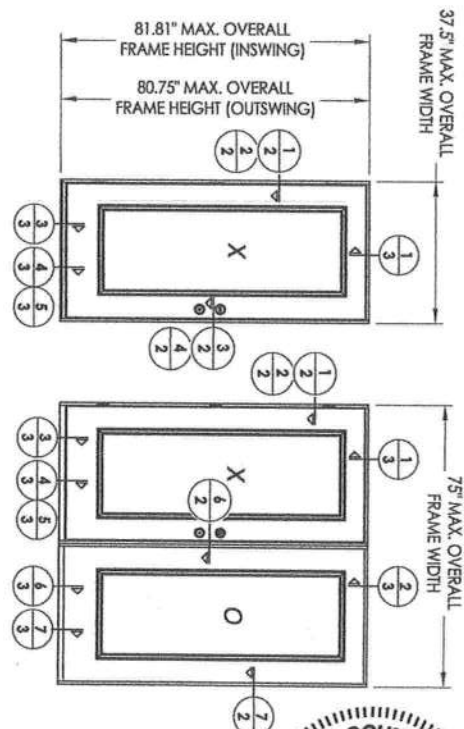
GLAZED FIBERGLASS SINGLE DOOR w/ or w/out SIDELITE(S) Inswing / Outswing "IMPACT"

GENERAL NOTES

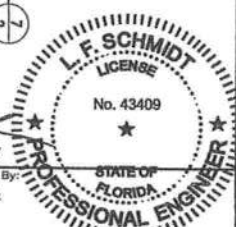
1. This product anchoring drawing has been developed and is in compliance with the 6th Edition (2017) Florida Building Code (FBC) structural requirements including the "High Velocity Hurricane Zone" (HVHZ). See the Certification Agency Certificate for sizes, specifications and rating.
2. Product anchors shall be as listed and spaced as shown on details. Anchor embedment to base material shall be beyond wall dressing or stucco.
3. When used in the "HVHZ" this product complies with Section 1626 of the Florida Building Code and does not require an impact resistant covering.
4. When used in areas outside of the "HVHZ" requiring wind borne debris protection this product complies with FBC Sections 1609.1.2 & R301.2.1.2 and does not require an impact resistant covering. This product meets missile level "D" and includes Wind Zone 4 as defined in ASTM E 1996 and FBC Sections 1609.1.2.2 & R301.2.1.2.1.
5. For 2x stud construction, anchoring of these units shall be the same as that shown for 2x buck masonry construction.
6. Site conditions that deviate from the details of this drawing require further engineering analysis by a licensed engineer or registered architect.
7. Outswing configurations utilizing the high dom sill (see Section 5/3), meet water infiltration requirements for "HVHZ". All other configurations do not meet the water infiltration requirements for the "HVHZ" and must be installed only in non-habitable areas or of habitable locations protected by an overhang or canopy such that the angle between the edge of canopy or overhang to sill is less than 45 degrees.

TABLE OF CONTENTS

SHEET #	DESCRIPTION
1	Typical elevations, design pressures & general notes
2	Horizontal cross sections
3	Vertical cross sections
4	Buck anchoring & bill of materials
5	Frame anchoring & glazing details



CONFIGURATION	MAX. FRAME DIMENSION	DESIGN PRESSURE (PSF)	
		POSITIVE	NEGATIVE
X	37.5" x 81.81"	+50.0	-50.0
XO/OX	75.0" x 81.81"	+50.0	-50.0
OXO	112.5" x 81.81"	+50.0	-50.0



October 14, 2017

Documents Prepared By:
Lyndon F. Schmidt
P.E. No. 43409

BUILDING CONSULTANTS, INC.
P.O. Box 230, Valrico, FL 33595
Phone No.: 813.659.9197
FBPE C.A. No. 9813

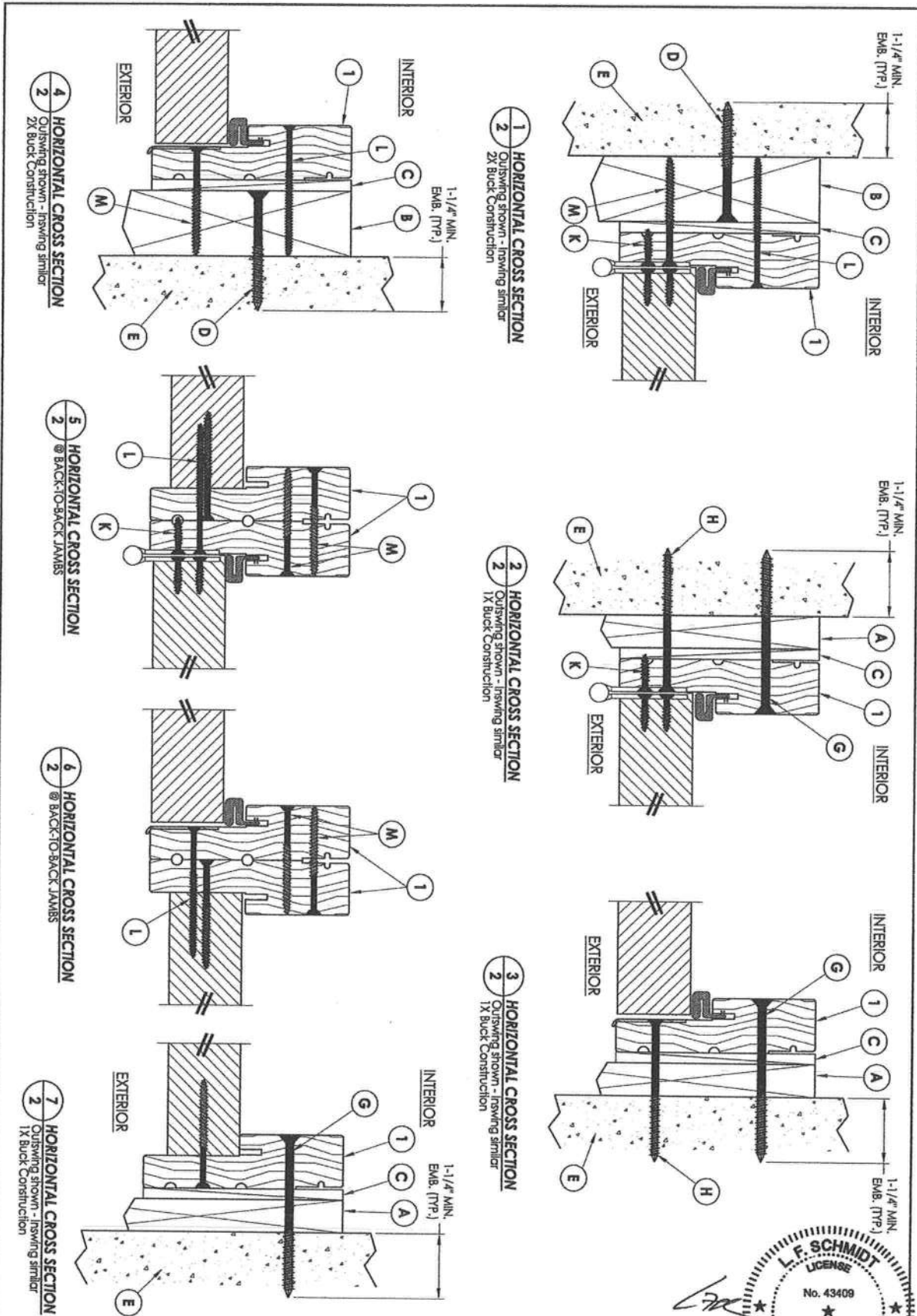
PRODUCT:
PLASTPRO
FIBERGLASS DOOR

PART OR ASSEMBLY:
TYPICAL ELEVATION, DESIGN
PRESSURES & GENERAL NOTES

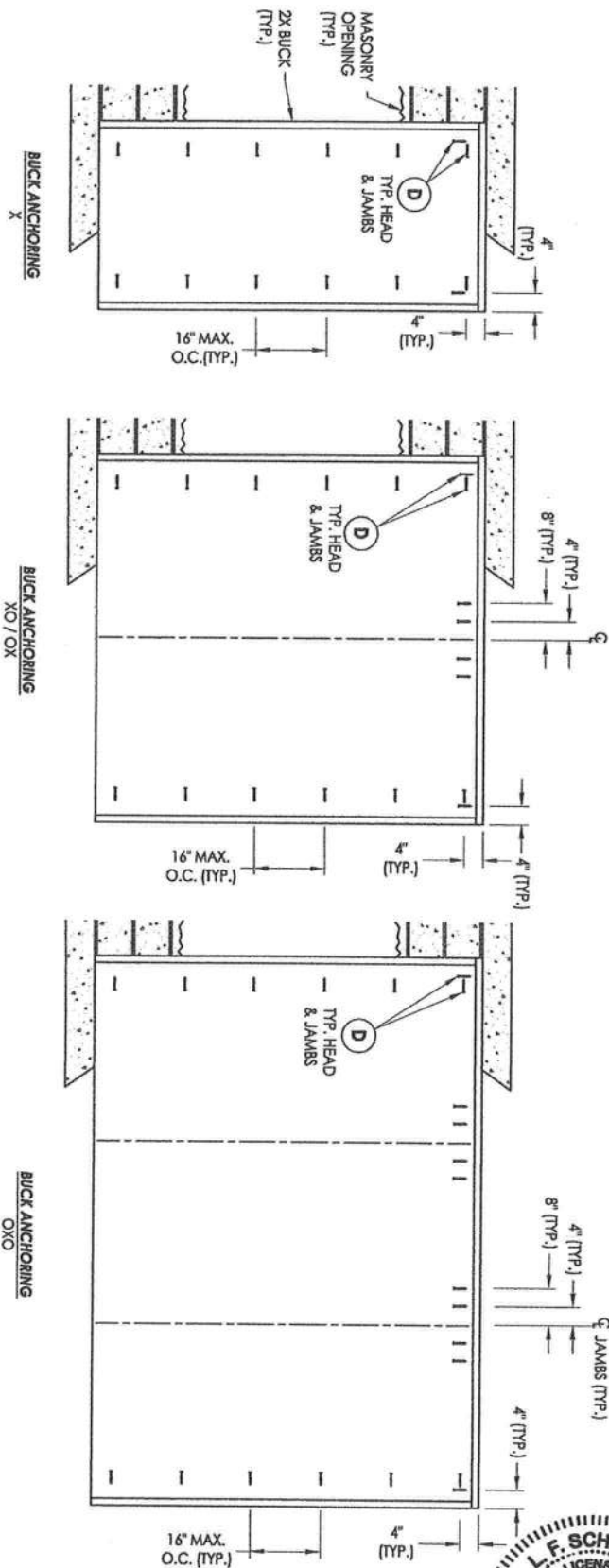
REVISIONS

NO.	DATE	DESCRIPTION	BY
2	10/14/17	UPDATE TO 6TH ED. (2017) FBC	LFS
1	8/04/14	CLARIFIED INSTALLATION DETAILS	LFS

DATE: 12/10/12
SCALE: N.T.S.
DWG. BY: JIK
CHK. BY: LFS
DRAWING NO.: FL-16094.1
SHEET 1 OF 5



October 14, 2017 Documents Prepared By: Lyndon F. Schmidt P.E. No. 43409 <i>RW</i> BUILDING CONSULTANTS, INC. P.O. Box 230, Valrico, FL 33595 Phone No.: 813.659.9197 FBPE C.A. No. 9813															
PRODUCT: PLASTPRO INC. FIBERGLASS DOOR															
PART OR ASSEMBLY: HORIZONTAL CROSS SECTIONS															
REVISIONS <table border="1"> <thead> <tr> <th>NO.</th> <th>DATE</th> <th>DESCRIPTION</th> <th>BY</th> </tr> </thead> <tbody> <tr> <td>2</td> <td>10/14/17</td> <td>UPDATE TO 6TH ED. (2017) FBC</td> <td>LFS</td> </tr> <tr> <td>1</td> <td>8/04/14</td> <td>CLARIFIED INSTALLATION DETAILS</td> <td>LFS</td> </tr> </tbody> </table>				NO.	DATE	DESCRIPTION	BY	2	10/14/17	UPDATE TO 6TH ED. (2017) FBC	LFS	1	8/04/14	CLARIFIED INSTALLATION DETAILS	LFS
NO.	DATE	DESCRIPTION	BY												
2	10/14/17	UPDATE TO 6TH ED. (2017) FBC	LFS												
1	8/04/14	CLARIFIED INSTALLATION DETAILS	LFS												
DATE: 12/10/12 SCALE: N.T.S. DWN. BY: J/K CHK. BY: LFS DRAWING NO.: FL-16094.1 SHEET 2 OF 5															



BILL OF MATERIALS

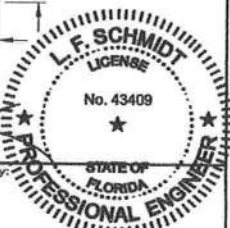
ITEM #	DESCRIPTION	MATERIAL
A	1X BUCK (SG >= 0.55)	WOOD
B	2X BUCK (SG >= 0.55)	WOOD
C	1/4" MAX. SHIM SPACE	-
D	1/4" X 2.3/4" PFH ITW CONCRETE SCREW	STEEL
E	MASONRY - 3,000 PSI MIN. CONCRETE CONFORMING TO ASTM C90	CONCRETE
G	1/4" X 3.3/4" PFH ITW CONCRETE SCREW	STEEL
H	3/16" X 3.1/4" PFH ITW CONCRETE SCREW	STEEL
K	#9 X 3/4" PFH WOOD SCREW	STEEL
L	#8 X 3" PFH WOOD SCREW (1-1/2" MIN. EMBEDMENT)	STEEL
M	#10 X 2-1/2" PFH WOOD SCREW	STEEL
I	FINGER JOINTED PINE HEAD & JAMB (SG >= 0.42)	WOOD

- CONCRETE ANCHOR NOTES:
1. Substitution of equal concrete anchors from a different supplier may have different edge distances and center distance requirements.
 2. Concrete anchor locations of the corners may be adjusted to maintain the min. edge distance to mortar joints. Concrete anchor locations noted as MAX. O.C. (TYP.) must be adjusted to maintain the min. edge distance to mortar joints; additional concrete anchors may be required to ensure the MAX. O.C. (TYP.) dimension are not exceeded.
 3. Concrete anchor table:

ANCHOR TYPE	ANCHOR SIZE	MIN. EMBEDMENT	MIN. CLEARANCE TO MASONRY EDGE	MIN. CLEARANCE TO ADJACENT ANCHOR
ITW TACON [®]	1/4"	1-1/4"	2"	4"

October 14, 2017

Documents Prepared By:
Lyndon F. Schmidt
P.E. No. 43409



BUILDING CONSULTANTS, INC.
P.O. Box 230, Valrico, FL 33595
Phone No.: 813.659.9197
FBPE C.A. No. 9813

PRODUCT:
PLASTPRO
FIBERGLASS DOOR

PART OR ASSEMBLY:
BUCK ANCHORING &
BILL OF MATERIALS

NO.	DATE	REVISIONS	BY
1	10/14/17	UPDATE TO 6TH ED. (2017) FBC	LFS
2	8/04/14	CLARIFIED INSTALLATION DETAILS	LFS

DATE: 12/10/12
SCALE: N.T.S.
DWG. BY: J.K.
CHK. BY: LFS
DRAWING NO.: FL-16094.1
SHEET 4 OF 5

HARDWARE TABLE	
MANUFACTURER	MODEL
KWIKSET	KNOB: SIGNATURE SERIES DEADBOLT: SIGNATURE SERIES (980)

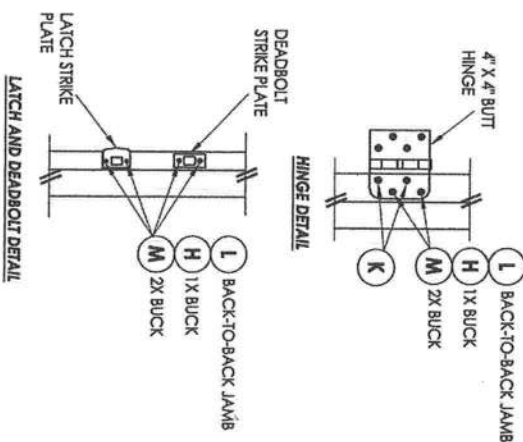
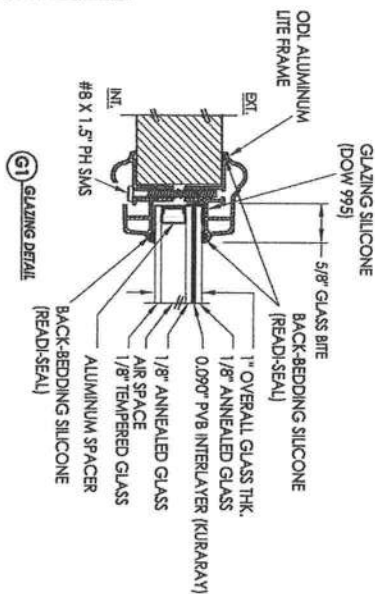
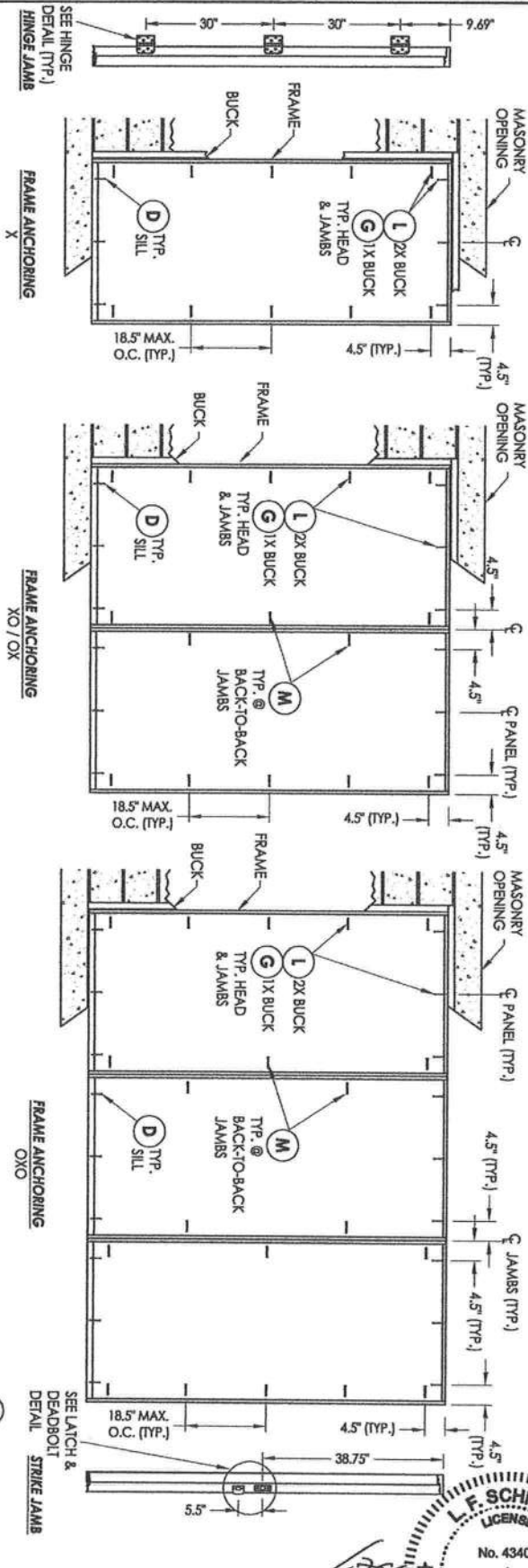
distance and center distance requirements.

2. Concrete anchor joints at the corners may be acquired to maintain the min. edge distance to mortar joints. Concrete anchor locations noted as MAX. O.C. (TPY.) must be adjusted to maintain the min. edge distance to mortar joints, additional concrete anchors may be required to ensure the MAX. O.C. (TPY.) dimension are not exceeded.
3. Concrete anchor table:

ANCHOR TYPE	ANCHOR SIZE	MIN. EMBEDMENT	MIN. CLEARANCE TO MASS CONCRETE EDGE	MIN. CLEARANCE TO ADJACENT ANCHOR
ITW TAPCON®	1/4"	1-1/4"	2"	4"
ITW TAPCON®	3/16"	1-1/4"	3"	1-1/2"

WOOD SCREW INSTALLATION NOTES:

1. Maintain a minimum 5/8" edge distance, 1" end distance, & 1" o.c. spacing of wood screws to prevent the splitting of wood.



DATE 12/10/12	SCALE N.T.S.	DWG. BY: JJK	CHK. BY: LFS	DESIGN NO.: FL-16094.1	SHEET 5 OF 5
2	10/14/17	UPDATE TO 6TH ED. (2017) FBC			LFS
1	8/04/14	CLARIFIED INSTALLATION DETAILS			LFS
NO	DATE	REVISIONS			BY

PRODUCT:	PLASTPRO FIBERGLASS DOOR
PART OR ASSEMBLY:	FRAME ANCHORING & GLAZING DETAILS

October 14, 2017
Documents Prepared By:
Lyndon F. Schmidt
P.E. No. 43409

**STATE OF
FLORIDA
PROFESSIONAL ENGINEER**

RW BUILDING CONSULTANTS, INC.
P.O. Box 230, Valrico, FL 33595
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BRF# C.A. No. 0813

