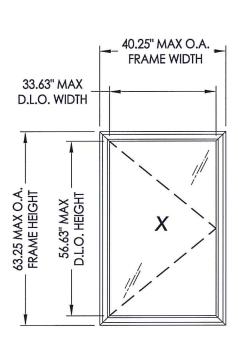


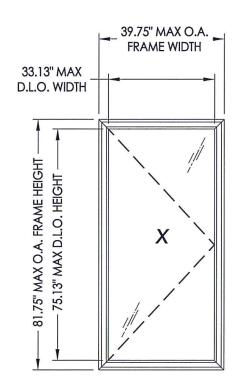
Series 250-T Aluminum Casement Window w/ Thermal Break Frame "IMPACT"

GENERAL NOTES

- 1. This product has been evaluated and is in compliance with the 5th Edition (2014) Florida Building Code (FBC) structural requirements including the "High Velocity Hurricane Zone" (HVHZ).
- 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 Section 1609.1.2 of the FBC 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 Section 1609.1.2.2 of the FBC.
- 5. For 2x stud framing 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. This product meets water infiltration requirements for "HVHZ".
- 8. Gaskets and setting blocks shall comply with Section 2411.3.4 of the FBC.
- 9. Aluminum components, including fasteners, shall meet the requirements of FBC Section 2003.

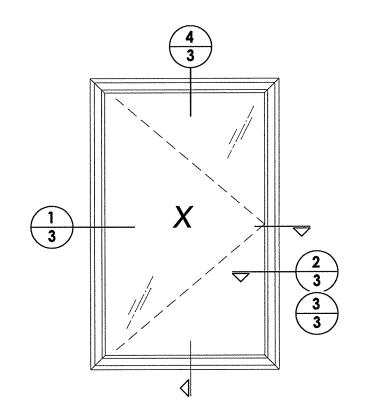
-	TABLE OF CONTENTS				
SHEET#	DESCRIPTION				
1	Typical elevations, design pressures and general notes				
2	Elevations				
3	Horizontal and vertical cross sections				
4	Horizontal and vertical cross sections				
5	Buck and frame anchoring				
6	Buck and frame anchoring				
7	Glazing details				
8	Bill of materials and components				

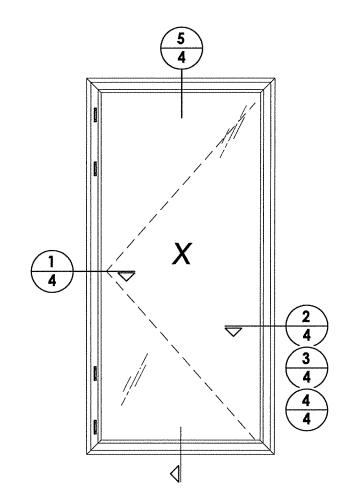




OVERALL FRAME	OVERALL D.L.O.	GLASS TYPE	DESIGN PRI	ESSURE (PSF)
DIMENSION	DIMENSION	01/100///1	POSITIVE	NEGATIVE
40.25" X 63.25"	33.63" X 56.63"	G1, G2, G3, G4, G5, G6	+65.0	-65.0
39.75" X 81.75"	33.13" X 75.13"	G1, G2, G3, G4, G5, G6	+65.0	-65.0

••		Lyndon F. Schmidt	S	1	LTA	10 M P.O. Box 230. Valrie	Phone No.: 813,659	FBPE C.A. No. 9813	
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	H.A	RDWARE 1	ABLE
HINGE			
Qty.	Description	Height	Snubbers
5	Butt hinge	≤ 81.75"	Not Req'd
4	Butt hinge	≤ 81.75"	Yes (2)
2	Butt hinge	≤ 50"	Yes (2)
2	4 Bar hinge	≤ 65"	Yes (3)
HANDLES			
Points	Description	Height	
4	Multipoint	> 72"]
3	Multipoint	≤ 72"	*Cam locks can be used
Qty.		······································	in conjunction with
3	Cam*	≤ 65"	multipoint lock or in lieu of
1	Cam*	≤ 50"	multipoint locks

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PRODUCT: FLEETWOOD WINDOWS AND DOORS

PART OR ASSEMBLY:
ELEVATIONS

INTERIOR

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1-1/4" MIN. EMB. (TYP.)

INTERIOR

FOLDING -(ROTO) DOORS

DATE: 10/23/13

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SHEET 4 OF 8

N.T.S.

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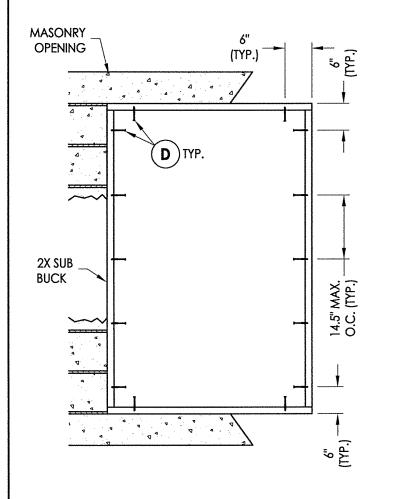
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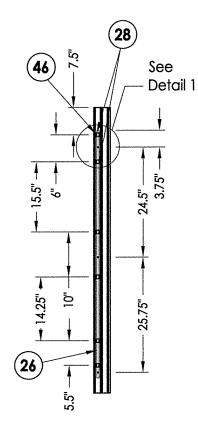
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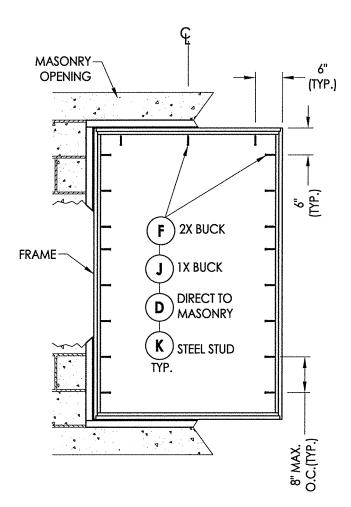
INTERIOR



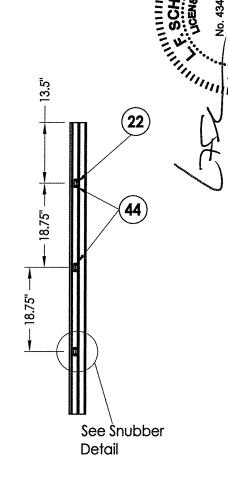
2X BUCK ANCHORING 40.25" X 63.25" Max Size



LOCK JAMB Locking Points (3)



FRAME MOUNT ANCHORING 40.25" X 63.25" Max Size



DOORS

PRODUCT: FLEETWOOD WINDOWS AND

SNUBBERS JAMB

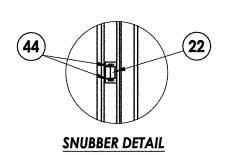
CONCRETE ANCHOR NOTES:

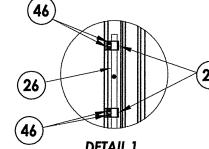
- 1. Concrete anchor locations at the corners may be adjusted to maintain the min. edge distance to mortar joints.
- 2. Concrete anchor locations noted as "MAX. ON CENTER" must be adjusted to maintain the min. edge distance to mortar joints, additional concrete anchors may be required to ensure the "MAX. ON CENTER" 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 TAPCON®	1/4"	1-1/4"	2"	4"
ELCO ULTRACON [®]	1/4"	1-1/4"	1"	4"

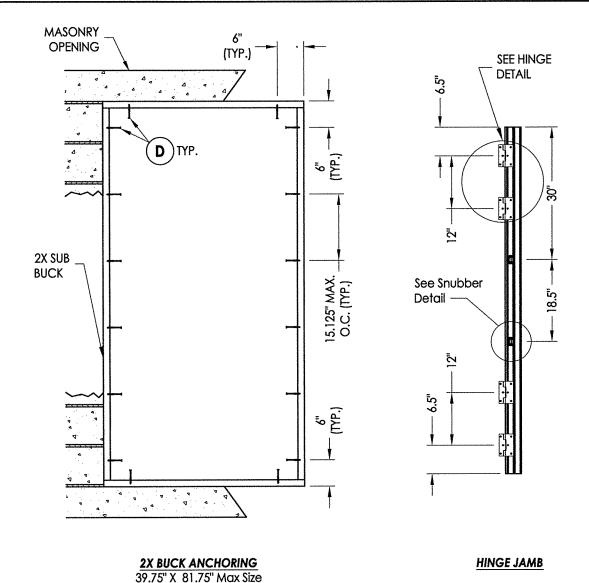
WOOD SCREW INSTALLATION NOTES:

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





DETAIL 1				- 27,00/0	2 8/22/16 Renumber Drawings	DATE	11
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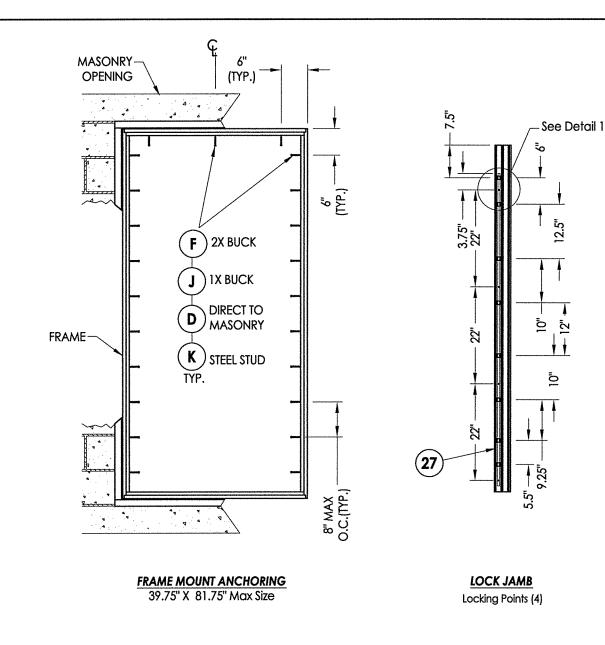
CONCRETE ANCHOR NOTES:

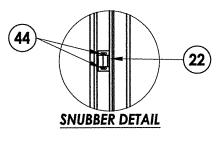
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- 3. Concrete anchor table:

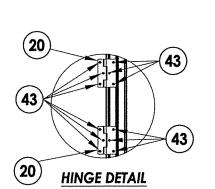
ANCHOR	ANCHOR	MIN.	MIN. CLEARANCE	
TYPE	SIZE	EMBEDMENT	TO MASONRY EDGE	TO ADJACENT ANCHOR
ITW TAPCON®	1/4"	1-1/4"	2"	4"
ELCO ULTRACON®	1/4"	1-1/4"	1"	4"

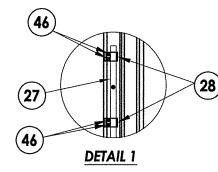
WOOD SCREW INSTALLATION NOTES:

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









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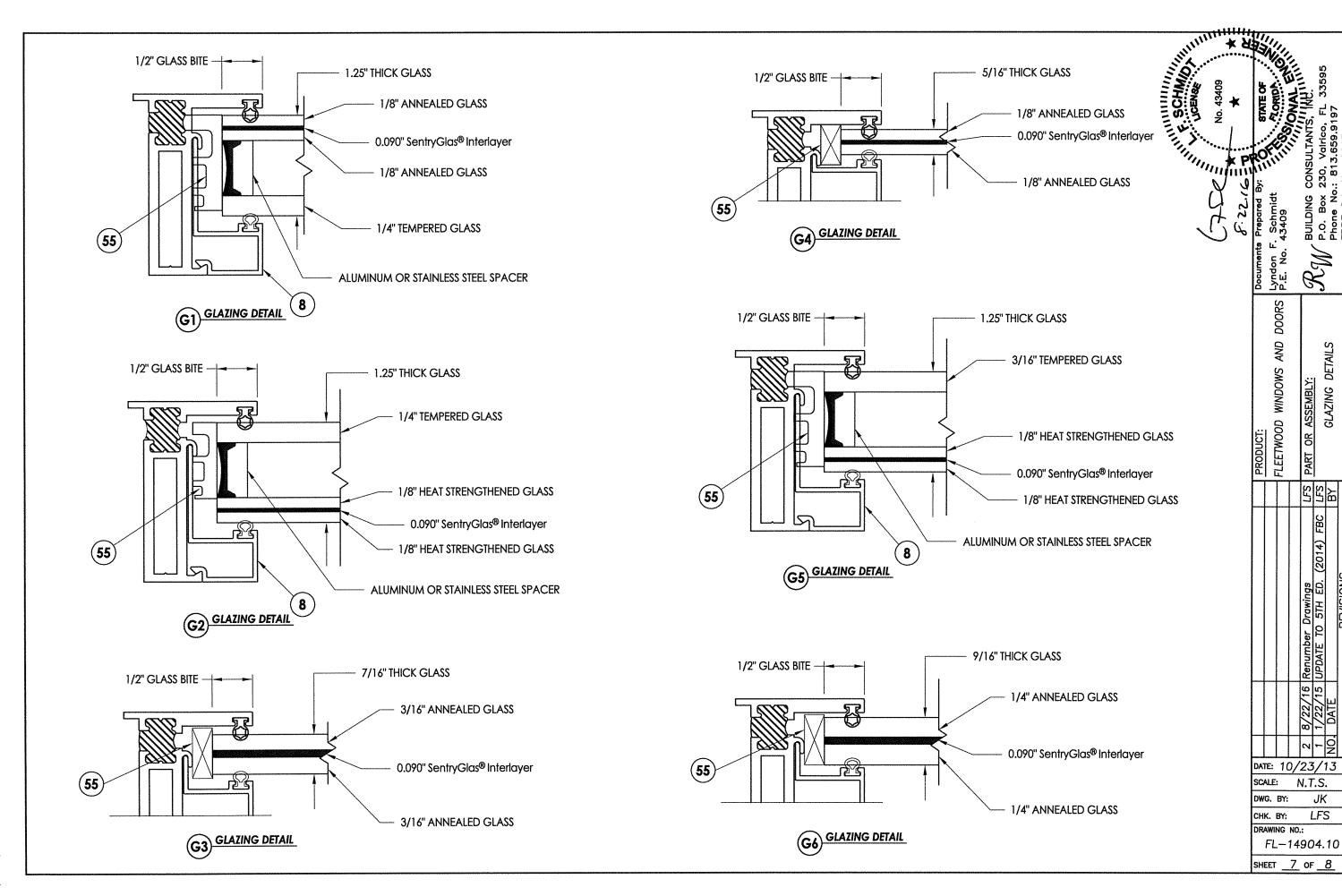
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SHEET 6 OF 8

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FLEETWOOD WINDOWS

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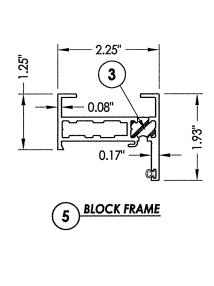


GLAZING DETAILS

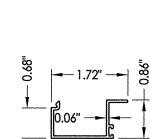
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LFS

	BILL OF MATERIALS	
ITEM #	DESCRIPTION	MATERIAL
Α	1X BUCK SG >= 0.55	WOOD
В	2X BUCK SG >= 0.55	WOOD
С	1/4" MAX. SHIM SPACE	-
D	1/4" X 2-3/4" ELCO OR ITW PFH CONCRETE SCREW	STEEL
E	MASONRY - 3,000 PSI MIN. CONCRETE CONFORMING TO ACI 301 OR HOLLOW BLOCK CONFORMING TO ASTM C90	CONCRETE
F	#10 X 2" PPH WOOD SCREW (1-1/4" MIN. EMBEDMENT)	STEEL
J	1/4" x 3-1/4" ELCO OR ITW PFH CONCRETE SCREW	STEEL
K	#10 PPH SELF-DRILLING SMS	STEEL
Х	STEEL STUD Min. Thk .033" (ASTM A653 GRADE 33 Fy=33 Ksi Min, Fu=45 Ksi Min)	STEEL
3	THERMAL BREAK ("LIQUID POLYURETHANE" by Azon USA, Inc.)	-
5	WESTWOOD BLOCK FRAME	6063-T6 ALUM
7	WESTWOOD ZEE BAR (PANEL)	6063-T6 ALUM
8	GLASS STOP (1-1/4")	6063-T6 ALUM
10	GLASS STOP (5/16", 7/16")	6063-T6 ALUM
13	CORNER KEY	6063-T6 ALUM
20	SS. BUTT HINGE	SS
21	4 BAR HINGE	SS
22	SNUBBER-COMMERCIAL PULL-IN BLOCK	SS
23	MULTIPOINT LOCK HANDLE (STEVE HAGG)	SS
26	3 POINTS LOCKING BAR (TRUTH)	SS
27	4 POINTS LOCKING BAR (TRUTH)	SS
28	TIE BAR GUIDE (TRUTH)	-
29	KEEPER (TRUTH)	SS
30	CASEMENT ROTOR GEAR 13.5"(TRUTH)	SS
31	CASEMENT ROTOR GEAR 9.5"(TRUTH)	SS
35	CAM HANDLE / STRIKE PLATE (MELRON)	SS
36	CASEMENT SS. TRACK (TRUTH)	SS
40	#10 X 1" PPH SMS	STEEL
42	MACHINGE SCREW NO 10-32, FHP .75"	STEEL
43	SCREW NO 10 , UFHP .5"	STEEL
44	SCREW NO 8, PHP, .50"	STEEL
46	SCREW NO 8, FHP, .750"	STEEL
48	BACK UP NUTS	STEEL
50	BULB VINYL (EPDM 70 DUROMETER) - TREMCO	
51	MINI BULB VINYL (EPDM 70 DUROMETER) - TREMCO	
55	SETTING BLOCK (SANTOPRENE - 86 DUROMETER) - TREMCO	
57	PIVOT SHIM	-



8 GLASS STOP 1-1/4"



	3
.9.	0.17"
	æ <u> </u>
Z	E BAR (PANEL)

0.06"
GLASS STOP 5/16", 7/16", 9/16'

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PRODUCT:
FLEETWOOD WINDOWS AND DOORS P.E. No.

BILL OF MATERIALS AND COMPONENTS