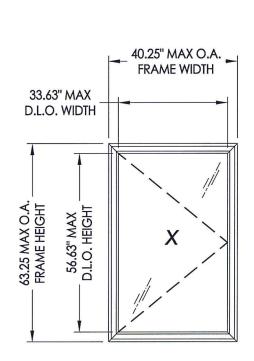


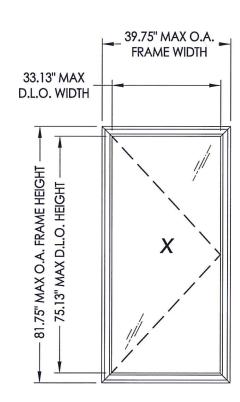
Series 250-T Aluminum Casement Window w/ Thermal Break Frame "IMPACT"

GENERAL NOTES

- 1. This product has been evaluated and is in compliance with the 5th Edition (2014) Florida Building Code (FBC) structural requirements excluding 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 areas 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 E1996 and Section 1609.1.2.2 of the FBC.
- 4. For 2x stud framing construction, anchoring of these units shall be the same as that shown for 2x buck masonry construction.
- 5. Site conditions that deviate from the details of this drawing require further engineering analysis by a licensed engineer or registered architect.

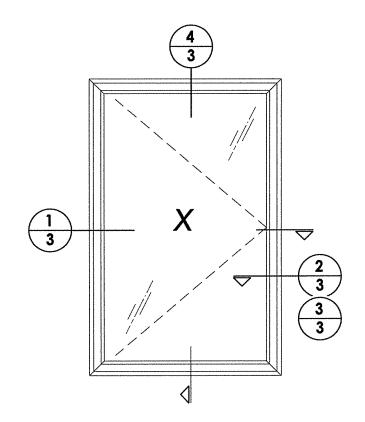
	TABLE OF CONTENTS
SHEET#	DESCRIPTION
1	Typical elevations, design pressures and general notes
2	Elevations
3	Horizontal and vertical cross sections
4	Horizontal and vertical cross sections
5	Buck and frame anchoring
6	Buck and frame anchoring
7	Glazing details
8	Bill of materials and components

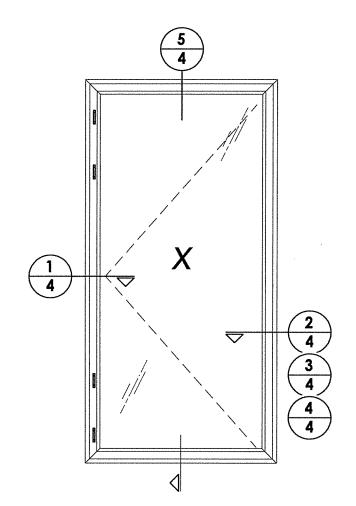




OVERALL FRAME	OVERALL D.L.O.	GLASS TYPE	DESIGN PRI	ESSURE (PSF)
DIMENSION	DIMENSION	01/100 11/12	POSITIVE	NEGATIVE
40.25" X 63.25"	33.63" X 56.63"	G1, G2, G3, G4, G5	+65.0	-65.0
39.75" X 81.75"	33.13" X 75.13"	G1, G2, G3, G4, G5	+65.0	-65.0

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PRODUCT:		THEELWOOD WINDOWS AND DOOKS P.E. No. 43.		PART OR ASSEMBLY:	MOISTIG MOITH IN INCIDATE	DESCRIBES & CENERAL NOTES	LAESSURES & GENERAL NOTES	
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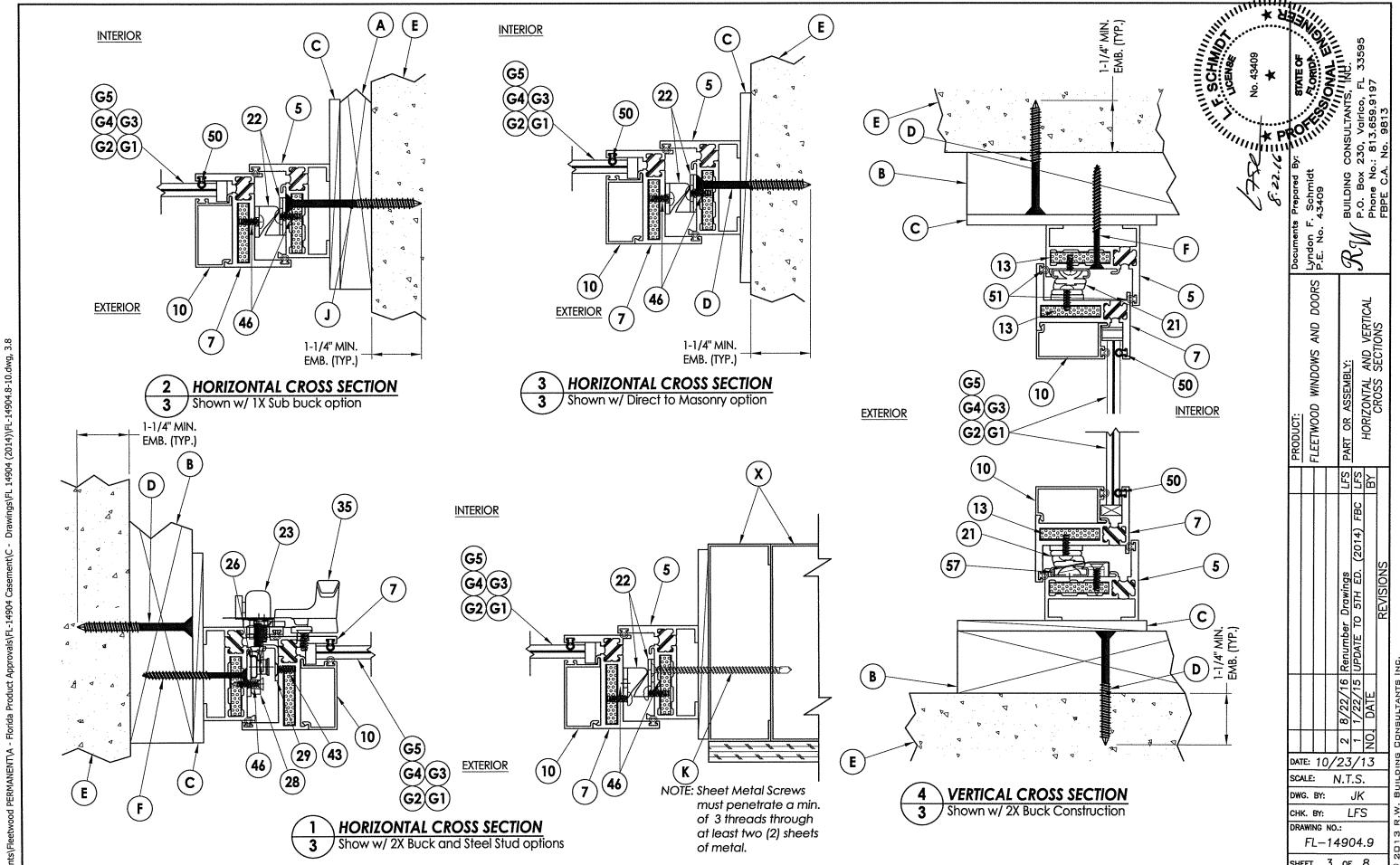


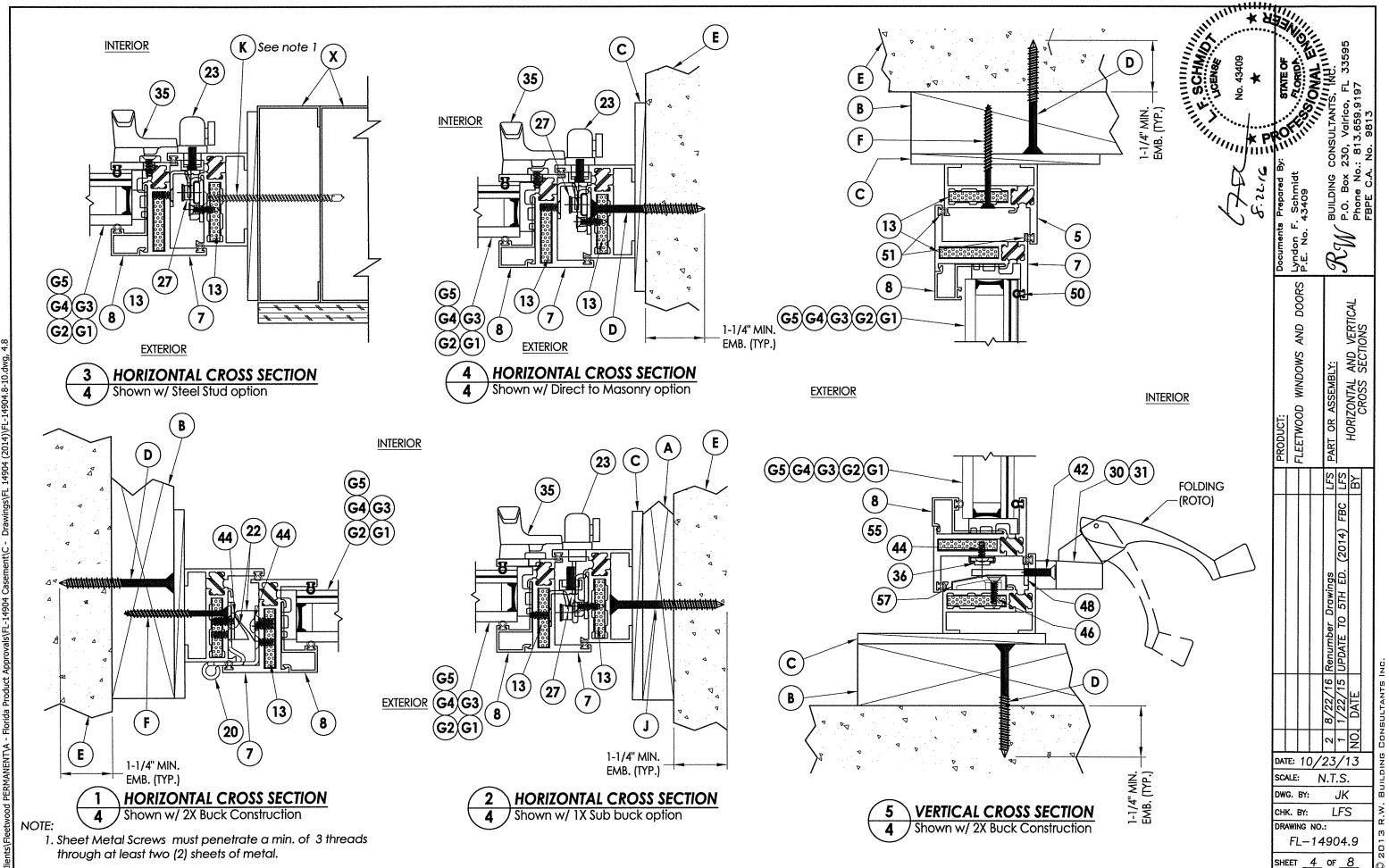
	HA	RDWARET	'ABLE
HINGE			
Qty.	Description	Height	Snubbers
5	Butt hinge	≤81.75"	Not Req'd
4	Butt hinge	≤81.75"	Yes (2)
2	Butt hinge	≤ 50"	Yes (2)
2	4 Bar hinge	≤ 65"	Yes (3)
HANDLES			
Points	Description	Height	
4	Multipoint	> 72"	
3	Multipoint	≤ 72"	*Cam locks can be used
Qty.			in conjunction with
3	Cam*	≤ 65"	multipoint lock or in lieu of
1	Cam*	≤ 50"	multipoint locks

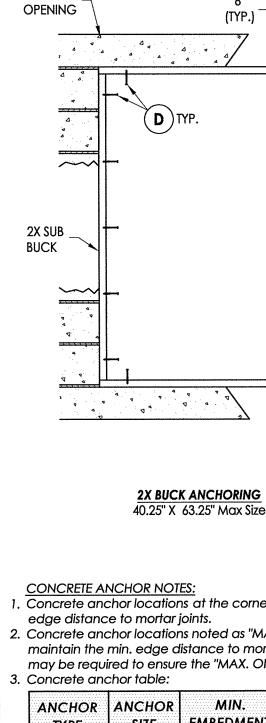
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SHEET 2 OF 8

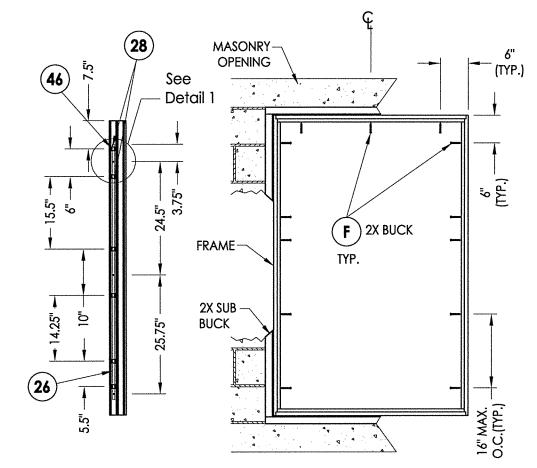
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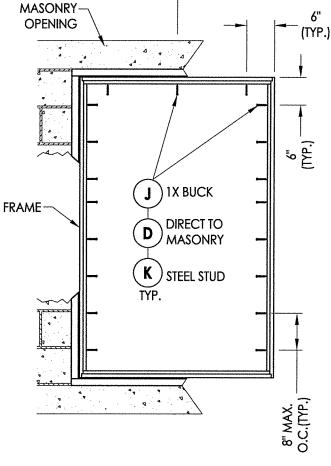


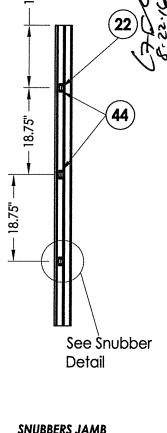




MASONRY







Lyndon F.E. No.

FLEETWOOD WINDOWS AND

BUCK & FRAME ANCHORING

2X BUCK ANCHORING

LOCK JAMB Locking Points (3) FRAME MOUNT ANCHORING 40.25" X 63.25" Max Size (2X BUCK)

FRAME MOUNT ANCHORING 40.25" X 63.25" Max Size (1X BUCK, DIR. TO MASONRY, STEEL STUD)

(46)

SNUBBERS JAMB

1. Concrete anchor locations at the corners may be adjusted to maintain the min.

6" | (TYP.)

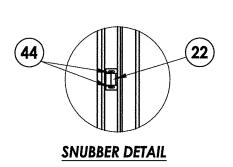
14.5" MAX. O.C. (TYP.)

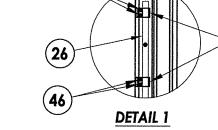
2. Concrete anchor locations noted as "MAX. ON CENTER" must be adjusted to maintain the min. edge distance to mortar joints, additional concrete anchors may be required to ensure the "MAX. ON CENTER" dimension are not exceeded.

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:

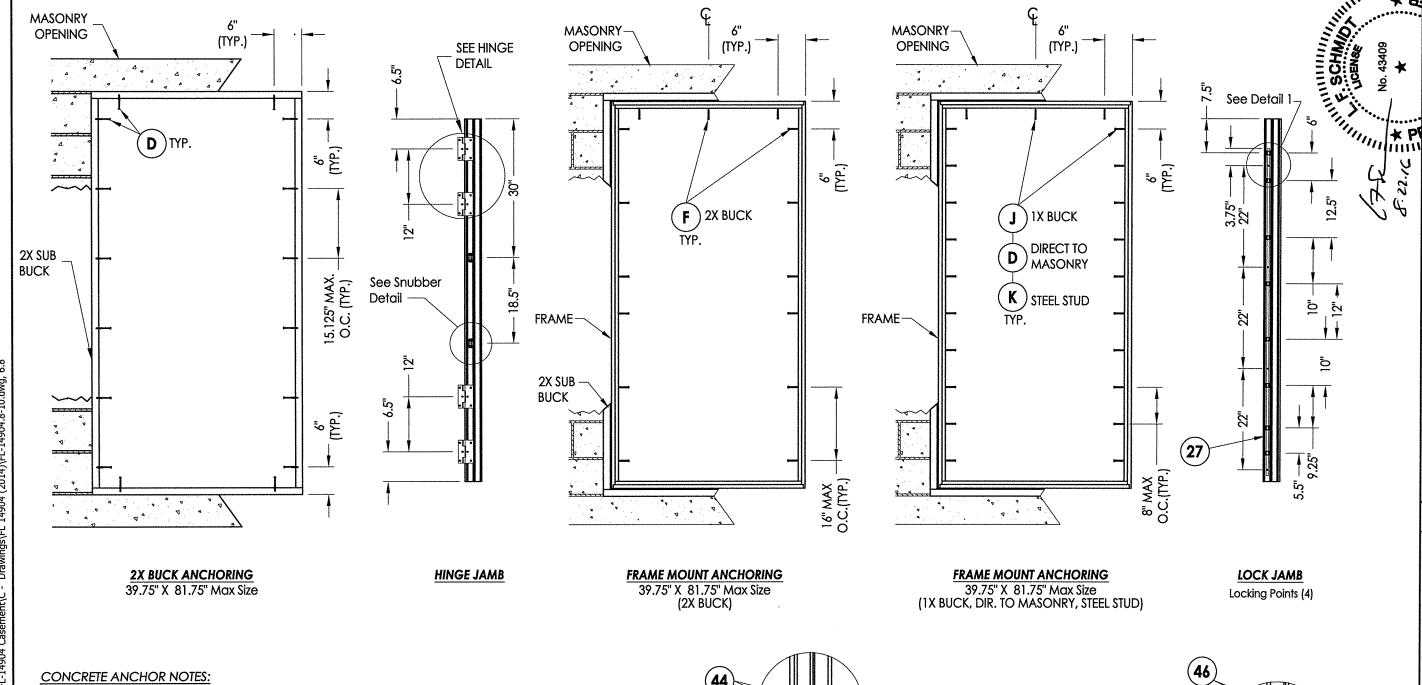
1. Maintain a minimum 5/8" edge distance, 1" end distance, & 1" o.c. spacing of wood screws to prevent the splitting of wood.





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(2014)

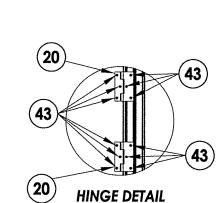


- Concrete anchor locations at the corners may be adjusted to maintain the min. edge distance to mortar joints.
- 2. Concrete anchor locations noted as "MAX. ON CENTER" must be adjusted to maintain the min. edge distance to mortar joints, additional concrete anchors may be required to ensure the "MAX. ON CENTER" dimension are not exceeded.
- 3. Concrete anchor table:

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

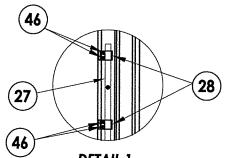
WOOD SCREW INSTALLATION NOTES:

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



(22)

SNUBBER DETAIL



46)		Renumber
7 (28		8/22/16
DETAIL 1		2
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Lyndon F P.E. No.

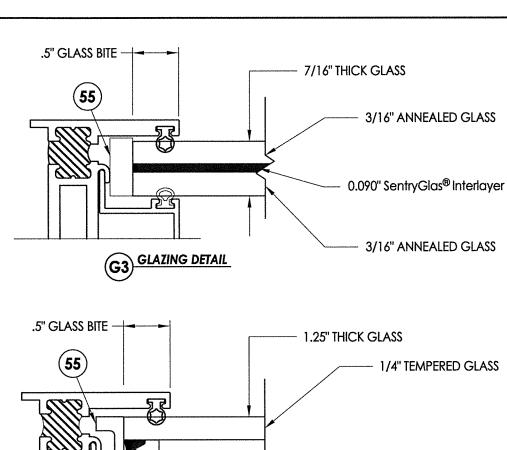
DOORS

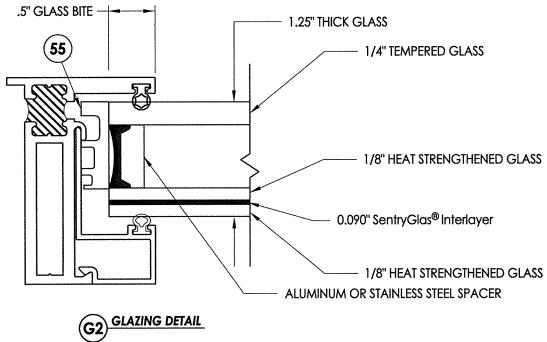
AND

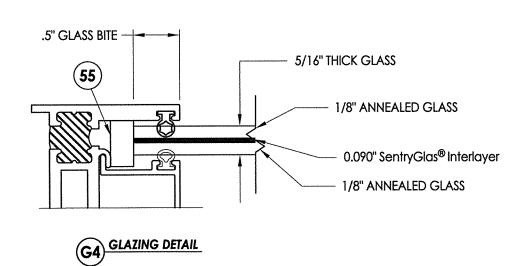
"LEETWOOD WINDOWS

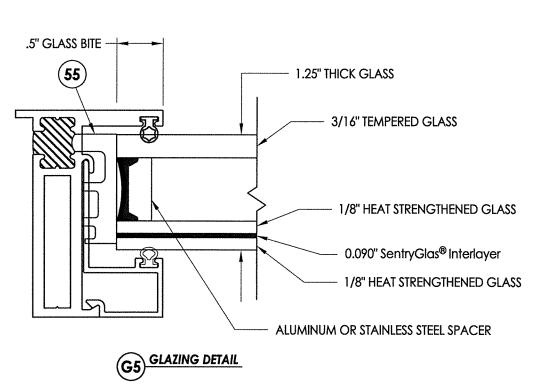
ASSEMBLY: BUCK & FRAME ANCHORING











.5" GLASS BITE 9.9	STATE OF	SO/ORION	によるが	ULTANTS, INC. Valrico, FL 3359	97
1.25" THICK GLASS	40	KKI.	•		13.65
1/8" ANNEALED GLASS	vared By:	. Schmidt 43409		BUILDING CONS P.O. Box 230,	Phone No.: 8
	Preg		;	₽ ₽ 0.	Pho
1/8" ANNEALED GLASS	Documents Prepared By	Lyndon F P.E. No.	(K111	<i>^</i>
1/4" TEMPERED GLASS		D DOORS		(S
ALUMINUM OR STAINLESS STEEL SPACER		S AN		į	ETAIL
G1) GLAZING DETAIL		WINDOW		OR ASSEMBLY:	GLAZING DETAILS
	PRODUCT:	FLEETWOOD WINDOWS AND DOORS		PART OR A	.
GLASS BITE -			1	3 E	ձ
55 1.25" THICK GLASS				FBC	
3/16" TEMPERED GLASS				ngs ED. (2014) F	
1/8" HEAT STRENGTHENED GLASS				TO 5TH	
0.090" SentryGlas® Interlayer			C	UPDATE	
1/8" HEAT STRENGTHENED GLASS			91/00/8	1/22/15	DATE
ALUMINUM OR STAINLESS STEEL SPACER	\prod	廿	c	1-	Š Š

DATE: 10/23/13

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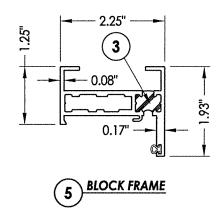
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FL-14904.9 SHEET 7 OF 8

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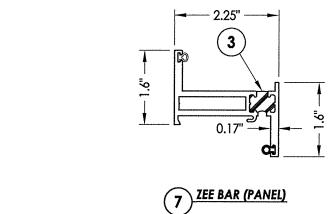
LFS

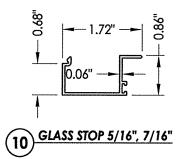
	BILL OF MATERIALS	
ITEM #	DESCRIPTION	MATERIAL
Α	1X BUCK SG >= 0.55	WOOD
В	2X BUCK SG >= 0.55	WOOD
С	1/4" MAX. SHIM SPACE	-
D	1/4" X 2-3/4" ELCO OR ITW PFH CONCRETE SCREW	STEEL
Е	MASONRY - 3,000 PSI MIN. CONCRETE CONFORMING TO ACI 301 OR HOLLOW BLOCK CONFORMING TO ASTM C90	CONCRETE
F	#10 X 2" PPH WOOD 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	-
57	PIVOT SHIM	

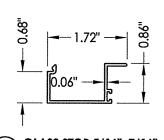


1.72" ---

8 GLASS STOP 1-1/4"







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PRODUCT: PRODUCT:		Documents Prepared By:	Lyndon F. Schmidt	P.E. No. 43409	***********	O BUILDING CON	1 P.O. Box 2:30	Phone No. 9
2 8/22/16 Renumber Drawings 1 1/22/15 UPDATE TO 5TH ED. (2014) FBC L				FLEEIWOOD WINDOWS AND DOORS				BILL OF MATERIALS
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FL-14904.9 SHEET <u>8</u> OF <u>8</u>