



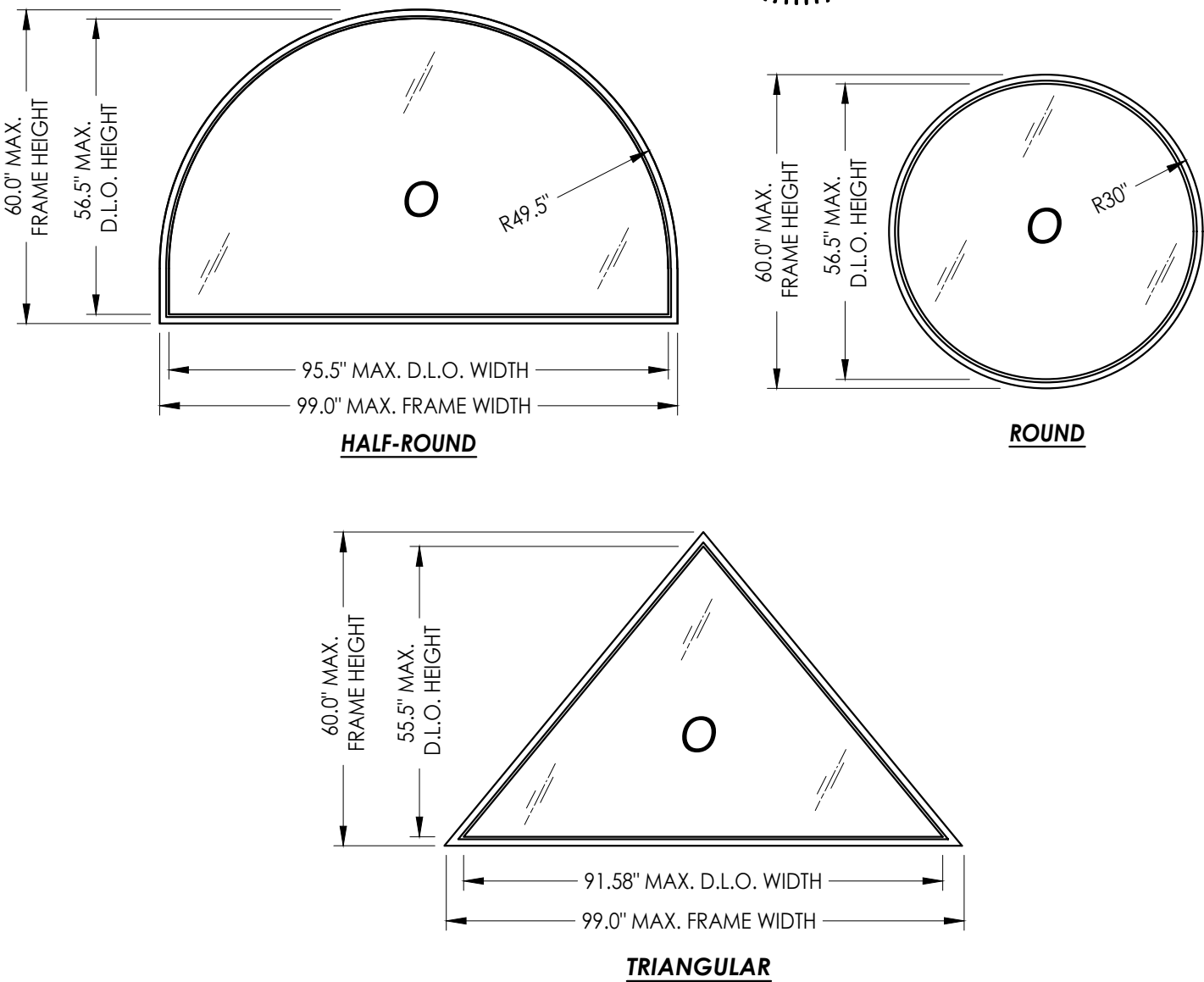
J. Sussman, Inc.
109-10 180th St. Jamaica, NY 11433

6400 Series
EXTRUDED THERMALLY BROKEN
FIXED ALUMINUM WINDOW
"IMPACT"

GENERAL NOTES

1. This product has been evaluated and is in compliance with the 8th Edition (2023) 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 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 (up to a max. frame area of 19.6 ft²) as defined in ASTM E 1996 and FBC Sections 1609.1.2.2 & R301.2.1.2.1.
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 elevation, general notes and design pressures
2	Vertical cross section
3	Buck anchoring
4	Frame anchoring
5	Bill of materials, glazing detail and components



GEOMETRIC SHAPE	MAX. O.A. DIMENSION	MAX. D.L.O. DIMENSION	GLASS TYPE	DESIGN PRESSURE (PSF)	
				POSITIVE	NEGATIVE
HALF-ROUND	99.0" X 60.0"	95.5" X 56.5"	G1, G2	+ 65.0	- 65.0
TRIANGULAR	99.0" X 60.0"	91.58" X 55.5"	G1, G2	+ 65.0	- 65.0
ROUND	60.0" DIA.	56.5" DIA.	G1, G2	+ 65.0	- 65.0

L F Schmidt

L. F. SCHMIDT
LICENSE
No. 43409
STATE OF FLORIDA
PROFESSIONAL ENGINEER

Digitally signed by Lyndon F Schmidt
Date: 2023.08.29 11:52:30 -04'00'

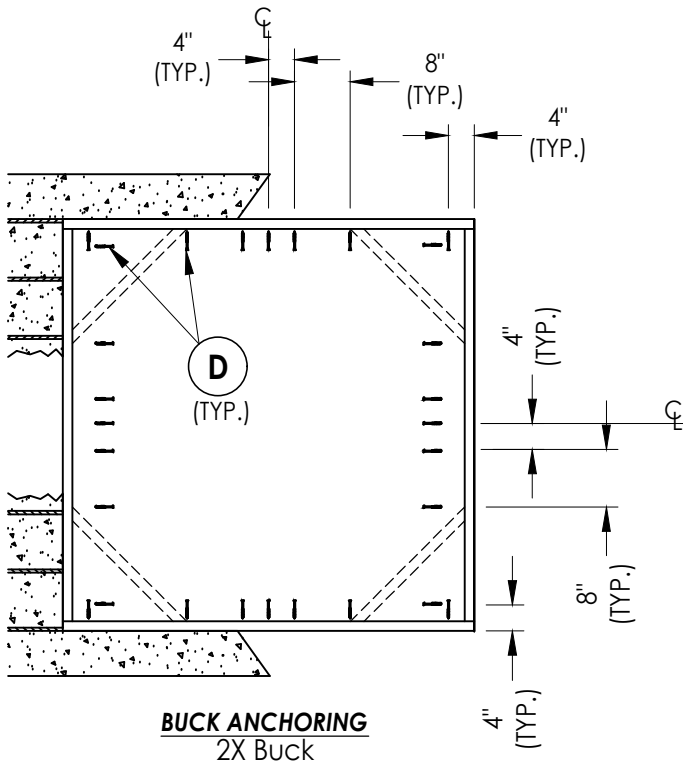
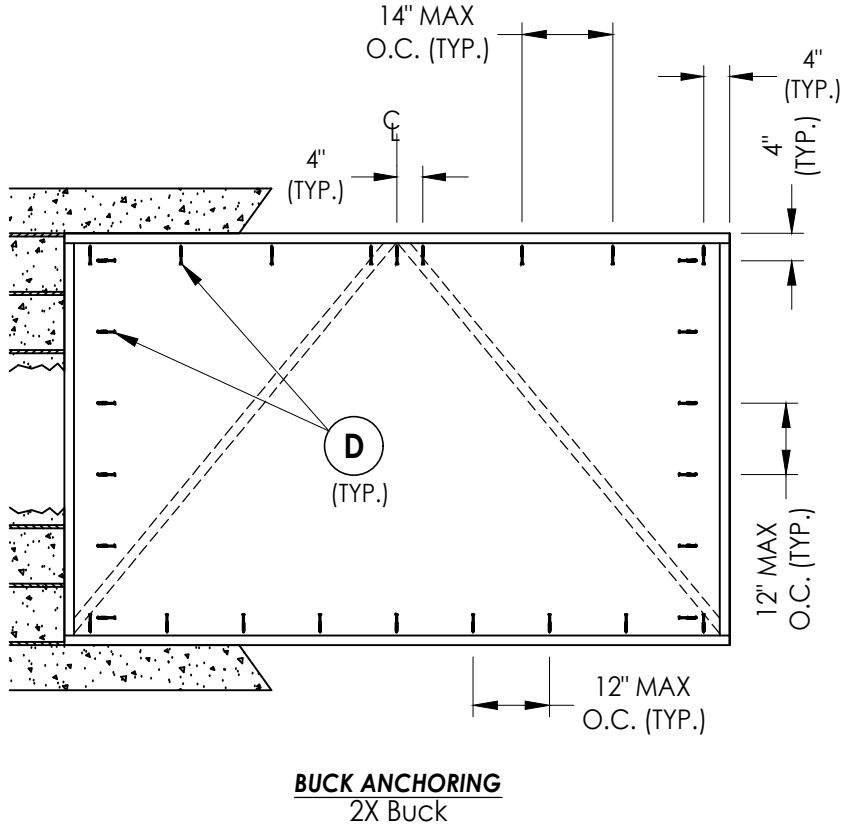
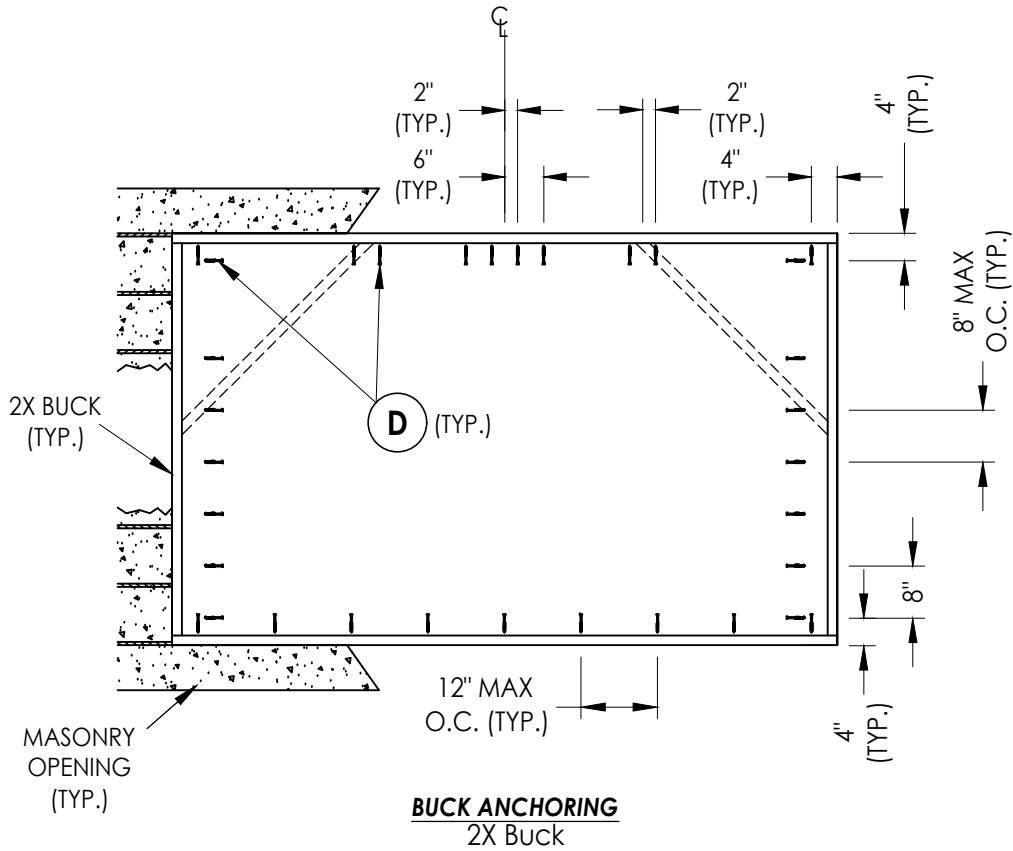
This item has been digitally signed and sealed by
L. F. Schmidt, P.E. on the date adjacent to the seal.

Printed copies of this document are not
considered signed and sealed and the signature
must be verified on any electronic copies.

**THIS PRODUCT APPROVAL IS VALID
ONLY FOR THE STATE OF FLORIDA**

PRODUCT:		J. SUSSMAN, INC. 6400 SERIES WINDOW		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 Registry No. 9813	
PART OR ASSEMBLY:		TYPICAL ELEVATION, GENERAL NOTES & DESIGN PRESSURES			
4	8/29/23	UPDATE TO 8TH ED. (2023)	FBC	LFS	
3	8/26/20	UPDATE TO 7TH ED. (2020)	FBC	DAC	
2	7/17/18	UPDATE TO 6TH ED. (2017)	FBC	LFS	
1	1/25/12	UPDATE TO 2010 FBC	KV	BY	
NO.	DATE				
					REVISIONS
DATE: 10/18/10					
SCALE: N.T.S.					
DWG. BY: JK					
CHK. BY: LFS					
DRAWING NO.: FL-14163.2					
SHEET 1 OF 5					

Z:\2023 FBC Drawings\J. Sussman, Inc\FL-14163 R4\FL-14163.1-6.dwg



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"
DeWALT ULTRA-CON®	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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6400 SERIES WINDOW

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

PART OR ASSEMBLY:
BUCK ANCHORING

NO.	DATE	REVISIONS
4	8/29/23	UPDATE TO 8TH ED. (2023) FBC
3	8/26/20	UPDATE TO 7TH ED. (2020) FBC
2	7/17/18	UPDATE TO 6TH ED. (2017) FBC
1	1/25/12	UPDATE TO 2010 FBC

DATE: 10/18/10

SCALE: N.T.S.

DWG. BY: JK

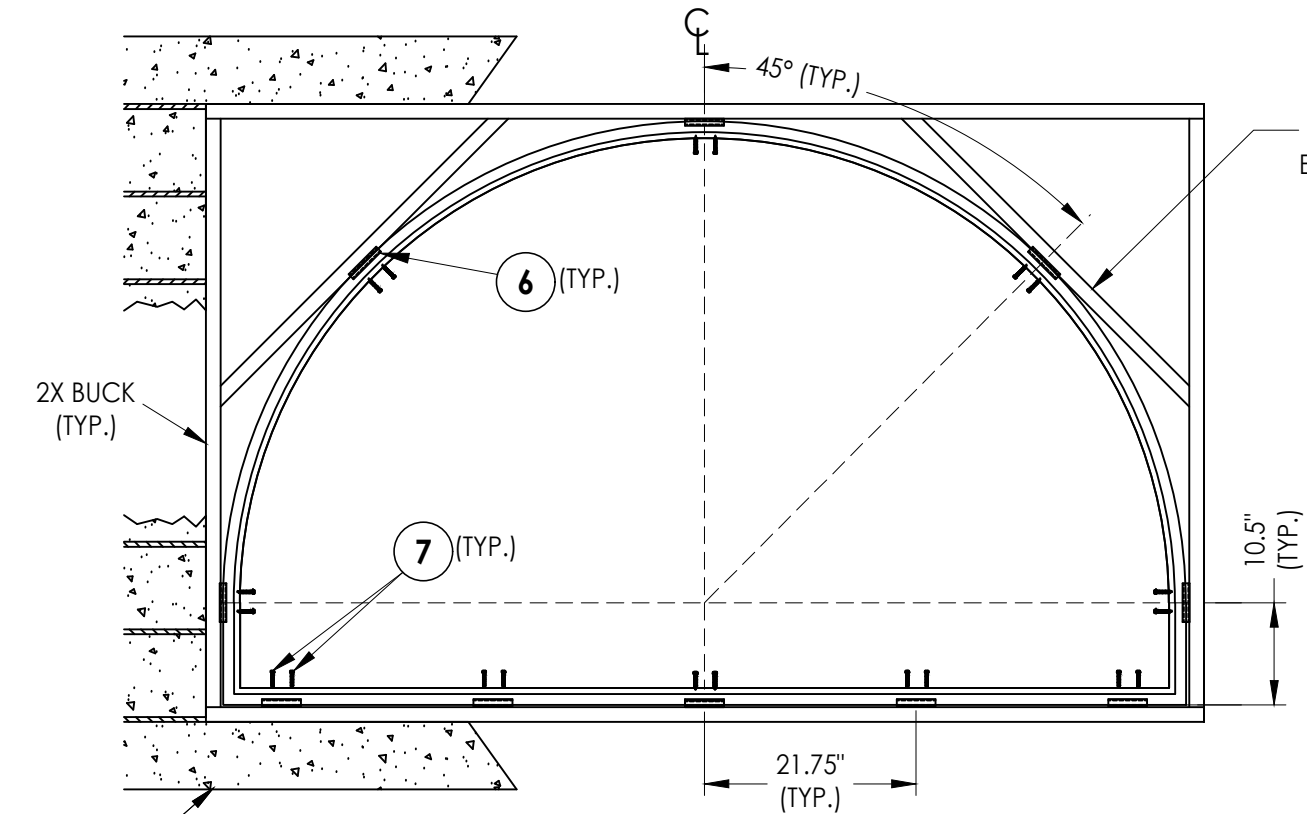
CHK. BY: LFS

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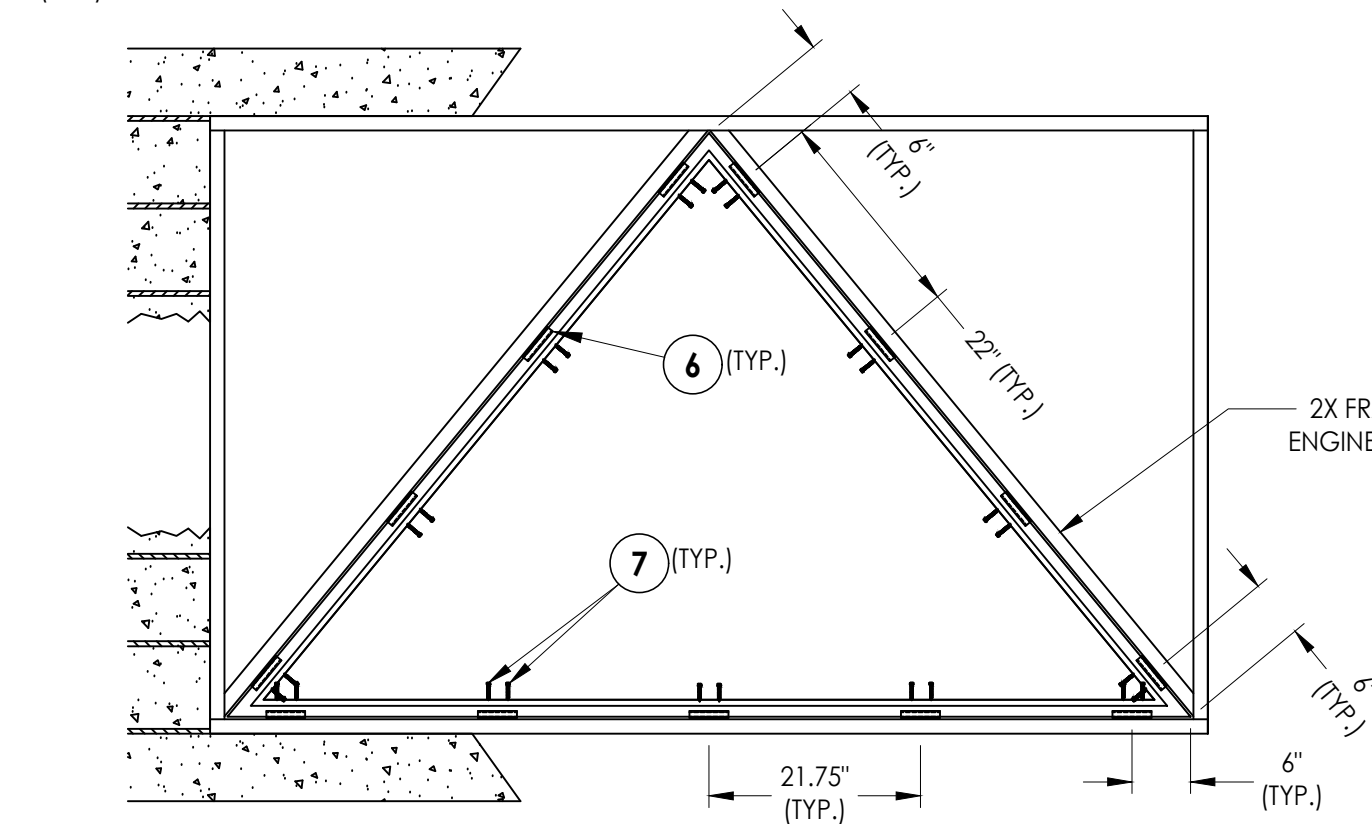
FL-14163.2

SHEET 3 OF 5

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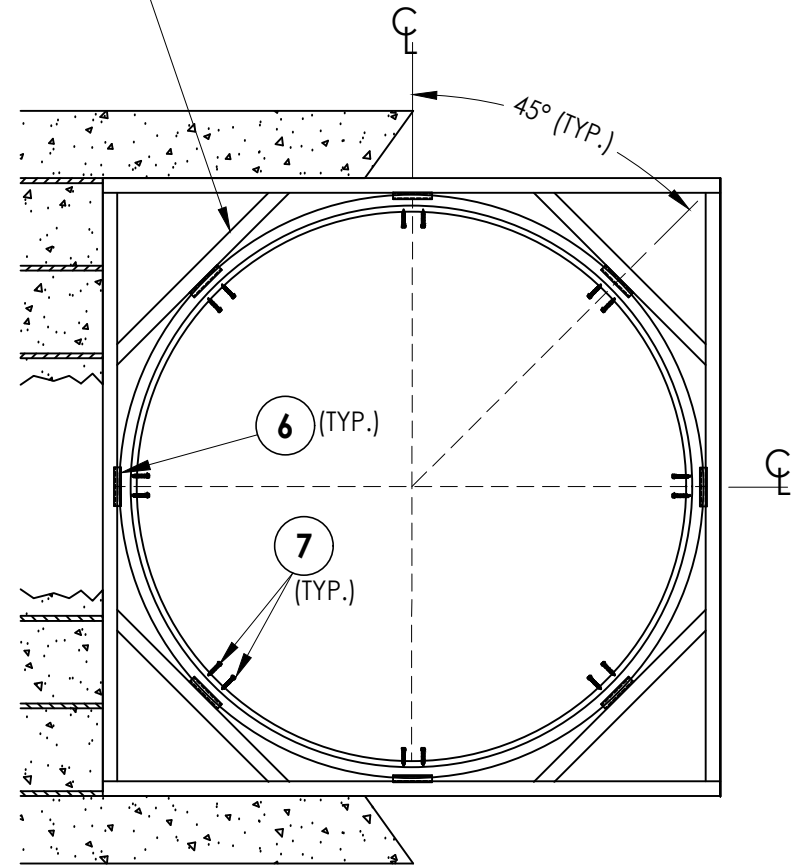
FRAME ANCHORING
2X Buck



FRAME ANCHORING
2X Buck

2X FRAMING TO BE DESIGNED BY THE
ENGINEER OR ARCHITECT OF RECORD.

2X FRAMING TO BE DESIGNED BY THE
ENGINEER OR ARCHITECT OF RECORD.



FRAME ANCHORING
2X Buck

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1	1/25/12	UPDATE TO 2010 FBC KV

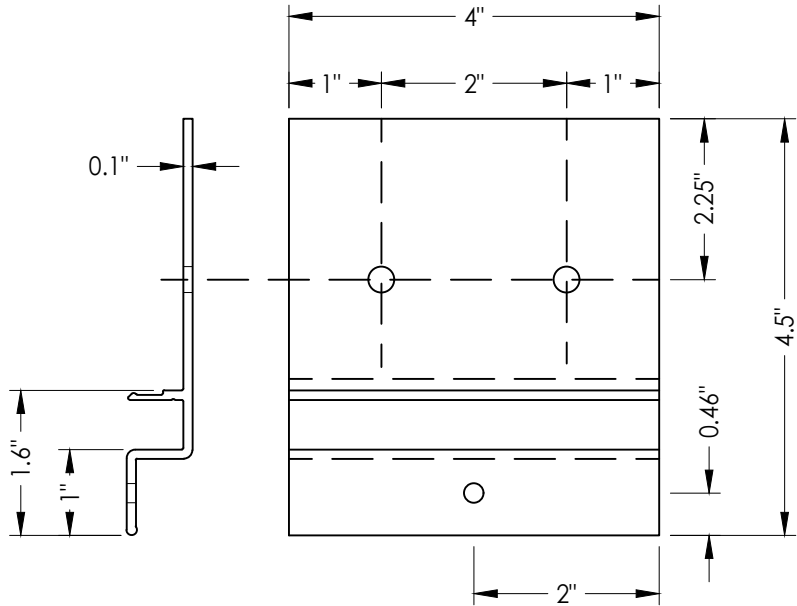
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SCALE:	N.T.S.
DWG. BY:	JK
CHK. BY:	LFS
DRAWING NO.:	FL-14163.2
SHEET	4 OF 5

PRODUCT:	J. SUSSMAN INC. 6400 SERIES WINDOW
PART OR ASSEMBLY:	FRAME ANCHORING

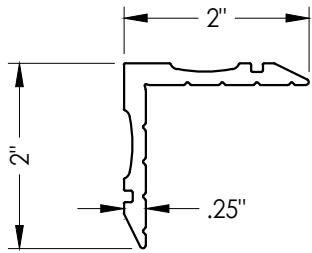
Documents Prepared By: Lyndon F. Schmidt P.E. No. 43409	RW BUILDING CONSULTANTS, INC. P.O. Box 230, Valrico, FL 33595 Phone No.: 813.659.9197 FBPE Registry No. 9813
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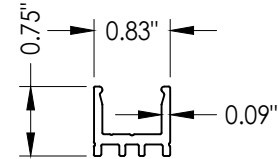
BILL OF MATERIALS		
ITEM #	DESCRIPTION	MATERIAL
A	1X BUCK SG >= 0.55	WOOD
B	2X BUCK SG >= 0.55	WOOD
C	3/32" MAX. SHIM SPACE	-
D	1/4" X 2-3/4" DeWALT OR ITW CONCRETE SCREW	STEEL
E	MASONRY - 3,000 PSI MIN. CONCRETE CONFORMING TO ACI 301 OR HOLLOW BLOCK CONFORMING TO ASTM C90	CONCRETE
F	3/16" X 2-1/4" ITW CONCRETE SCREW	STEEL
G	3/16" X 1-1/2" ITW CONCRETE SCREW	STEEL
1	FRAME (9/16" GLAZING)	ALUM/6063-T5
2	FRAME (1-5/16" GLAZING)	ALUM/6063-T5
4	CORNER KEY	ALUM/6063-T5
5	#10 X 3/8" PPH MACHINE SCREW	SS
6	ANCHOR STRAP (4" X 4-1/2")	ALUM/6063-T6
7	#14 X 1-1/2" HWH SMS (1-1/4" MIN. EMBEDMENT)	STEEL
8	#8 X 3/4" PPH SELF TAPPING SCREW	SS
9	#8 X 5/8" PPH SELF TAPPING SCREW	SS
11	GLAZING STOP COVER	ALUM/6063-T5
12	#8 X 5/8" PPH MACHINE SCREW	SS
13	GLAZING STOP (1-5/16" GLAZING)	ALUM/6063-T5
14	GLAZING STOP (9/16" GLAZING)	ALUM/6063-T5
15	GLAZING STOP (INTERIOR STAINED GLASS)	ALUM/6063-T5
17	#8 X 1" PPH SELF TAPPING SCREW	SS
21	DOW 995	SILICONE
22	BACKING ROD	FOAM



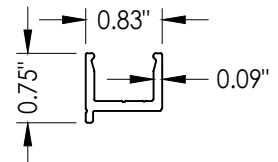
6 ANCHOR STRAP



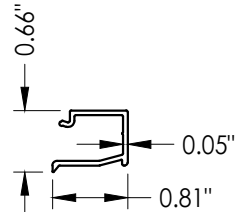
4 CORNER KEY



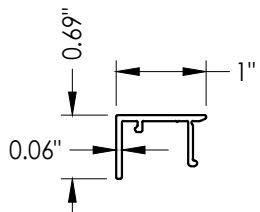
14 GLAZING STOP



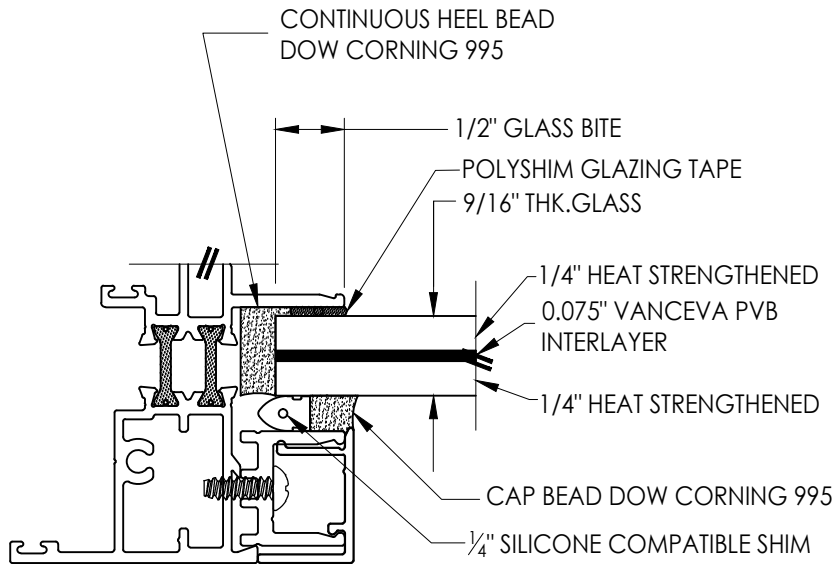
13 GLAZING STOP
1-5/16" Glazing



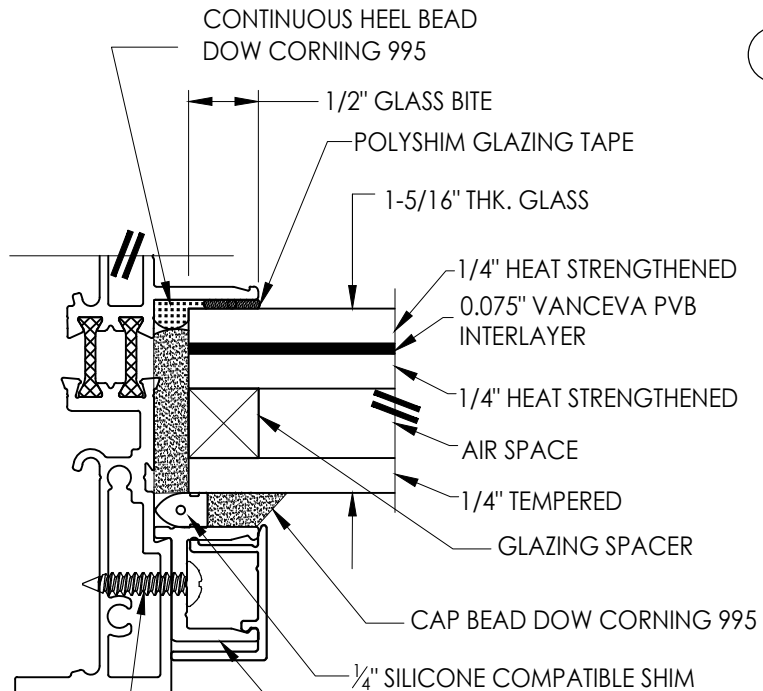
15 GLAZING STOP
Interior Stained Glass



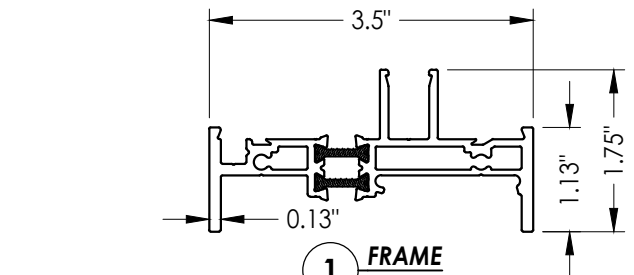
11 GLAZING STOP COVER



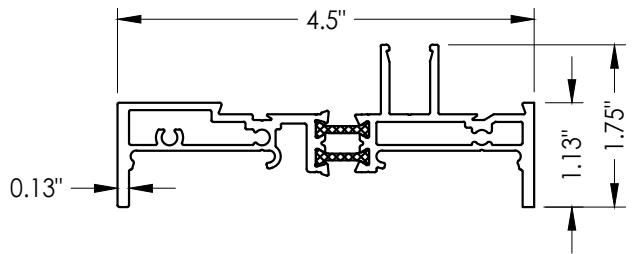
G1 GLAZING DETAIL



G2 GLAZING DETAIL



1 FRAME



2 FRAME
1-5/16" Glazing

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PRODUCT: J. SUSSMAN INC.
6400 SERIES WINDOW

PART OR ASSEMBLY:

BILL OF MATERIALS, GLAZING
DETAIL AND COMPONENTS

RW BUILDING CONSULTANTS, INC.
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SHEET 5 OF 5			