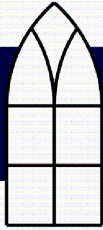


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Architectural Products LLC**

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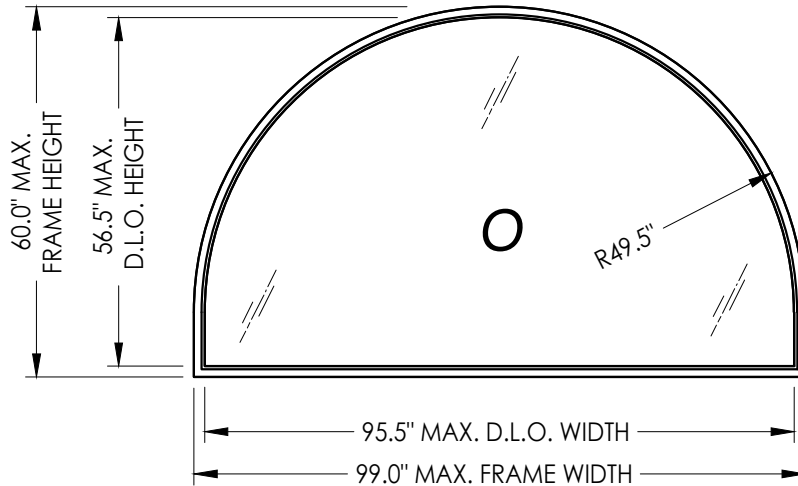
6400 Series EXTRUDED THERMALLY BROKEN FIXED ALUMINUM WINDOW "NON-IMPACT"

GENERAL NOTES

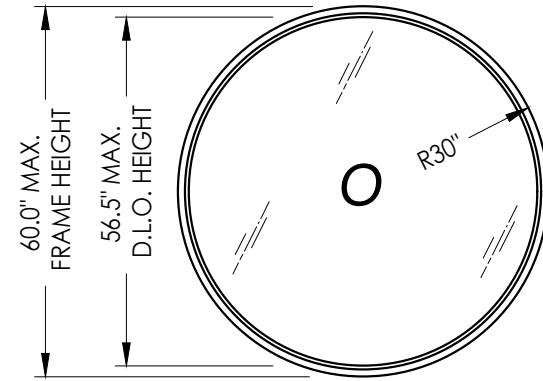
- This product has been evaluated and is in compliance with the 9th Edition (2026) Florida Building Code (FBC) structural requirements excluding the "High Velocity Hurricane Zone" (HVHZ).
- Product anchors shall be as listed and spaced as shown on details. Anchor embedment to base material shall be beyond wall dressing or stucco.
- When used in areas requiring wind borne debris protection this product is required to be protected with an impact resistant covering that complies with FBC Sections 1609.1.2 & R301.2.1.2.
- For 2x stud framing construction, anchoring of these units shall be the same as that shown for 2x buck masonry construction.
- Site conditions that deviate from the details of this drawing require further engineering analysis by a licensed engineer or registered architect.

TABLE OF CONTENTS

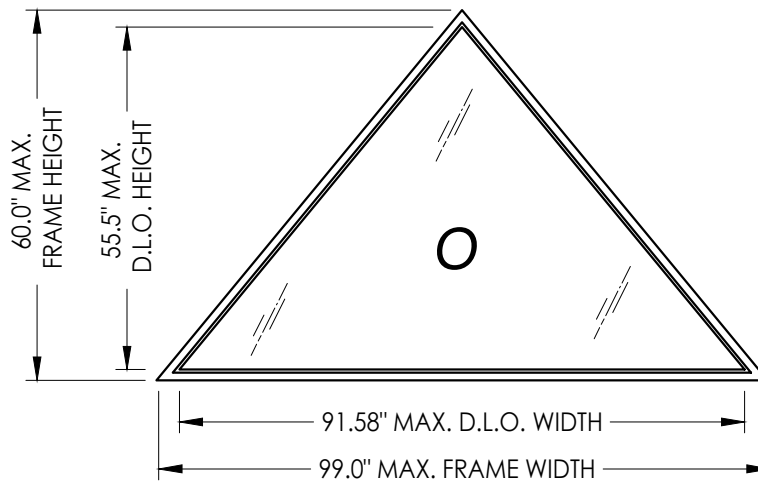
SHEET#	DESCRIPTION
1	Typical elevation, general notes and design pressures
2	Vertical cross section
3	Buck anchoring
4	Frame anchoring
5	Bill of materials, glazing detail and components



HALF-ROUND

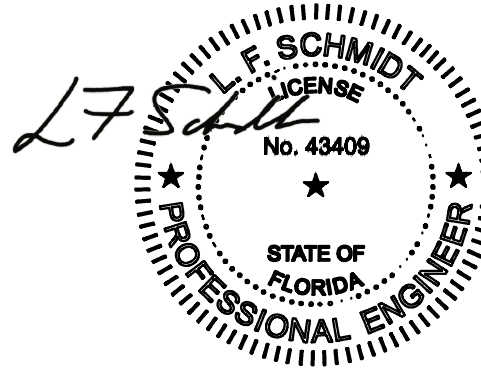


ROUND



TRIANGULAR

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	+ 65.0	- 65.0
TRIANGULAR	99.0" X 60.0"	91.58" X 55.5"	G1	+ 65.0	- 65.0
ROUND	60.0" DIA.	56.5" DIA.	G1	+ 65.0	- 65.0



Digitally signed by Lyndon F Schmidt
Date: 2026.09.29 16:57:49 -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

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

PRODUCT: J. SUSSMAN, INC.
6400 SERIES WINDOW

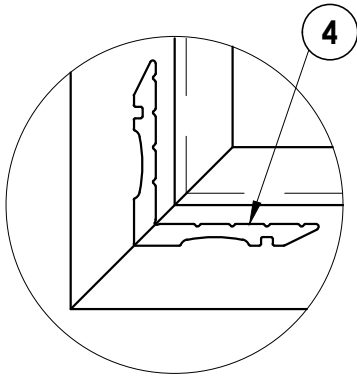
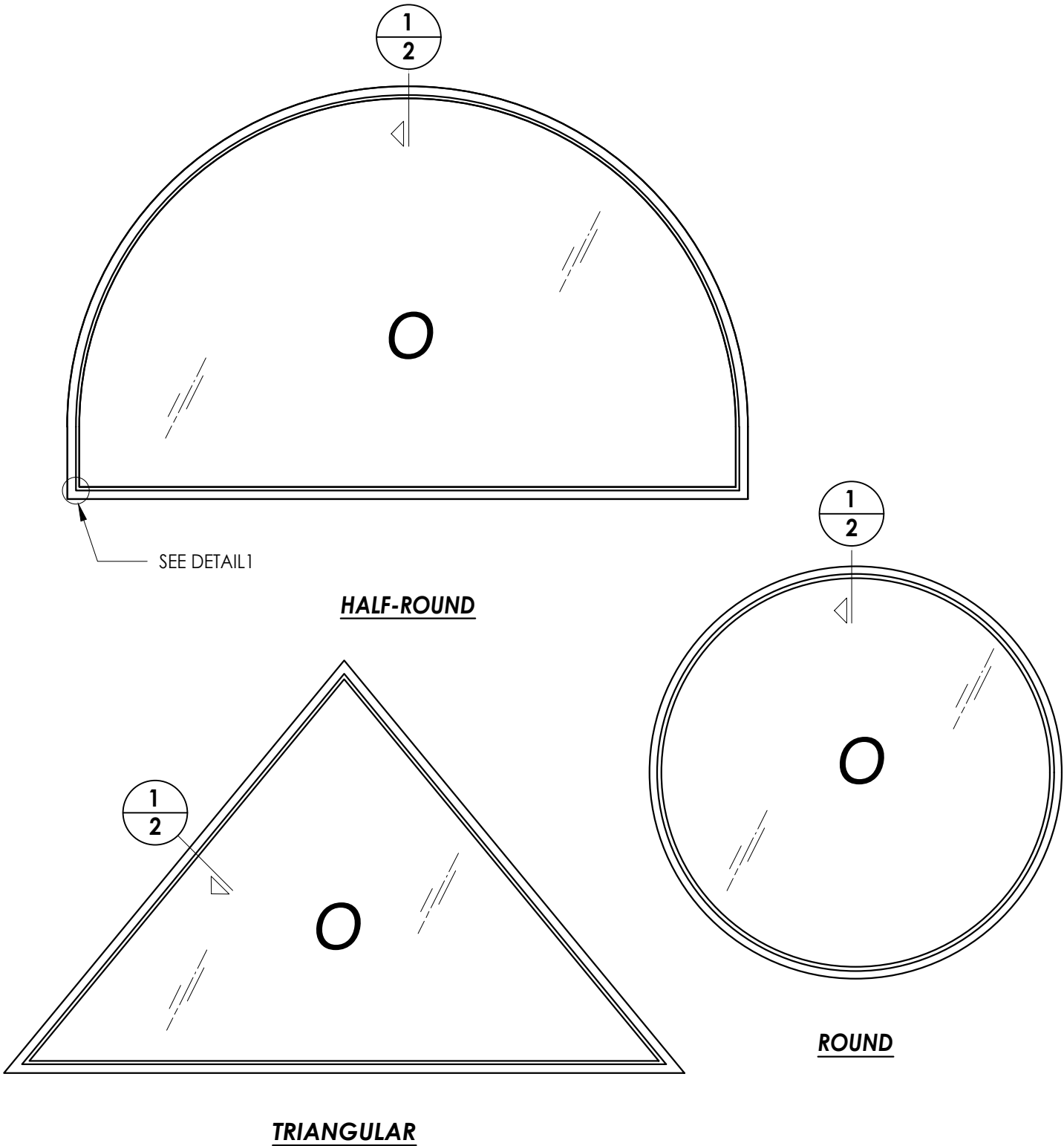
RW
BUILDING CONSULTANTS, INC.
P.O. Box 230, Valrico, FL 33595
Phone No.: 813.659.9197
FBPE Registry No. 9813

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

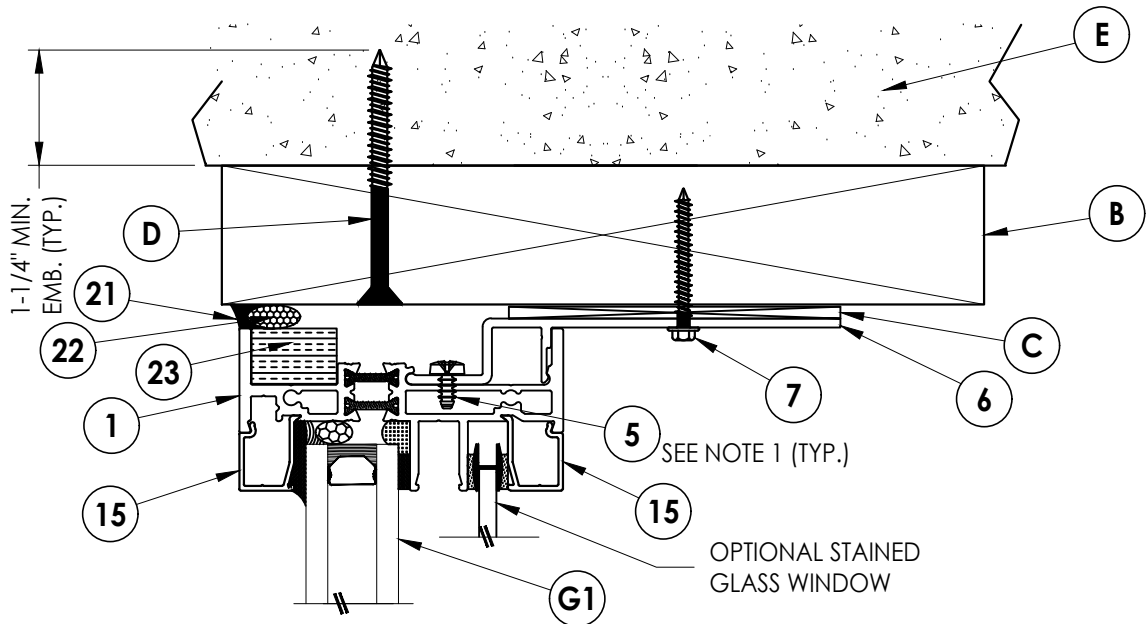
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4	8/29/23	UPDATE TO 8TH ED. (2023) FBC LFS
3	8/26/20	UPDATE TO 7TH ED. (2020) FBC DAC
2	7/17/18	UPDATE TO 6TH ED. (2017) FBC LFS
1	1/25/12	UPDATE TO 2010 FBC KV

DATE: 10/18/10
SCALE: N.T.S.
DWG. BY: JK
CHK. BY: LFS
DRAWING NO.:
FL-14163.5
SHEET 1 OF 5

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DETAIL 1
Corner Construction

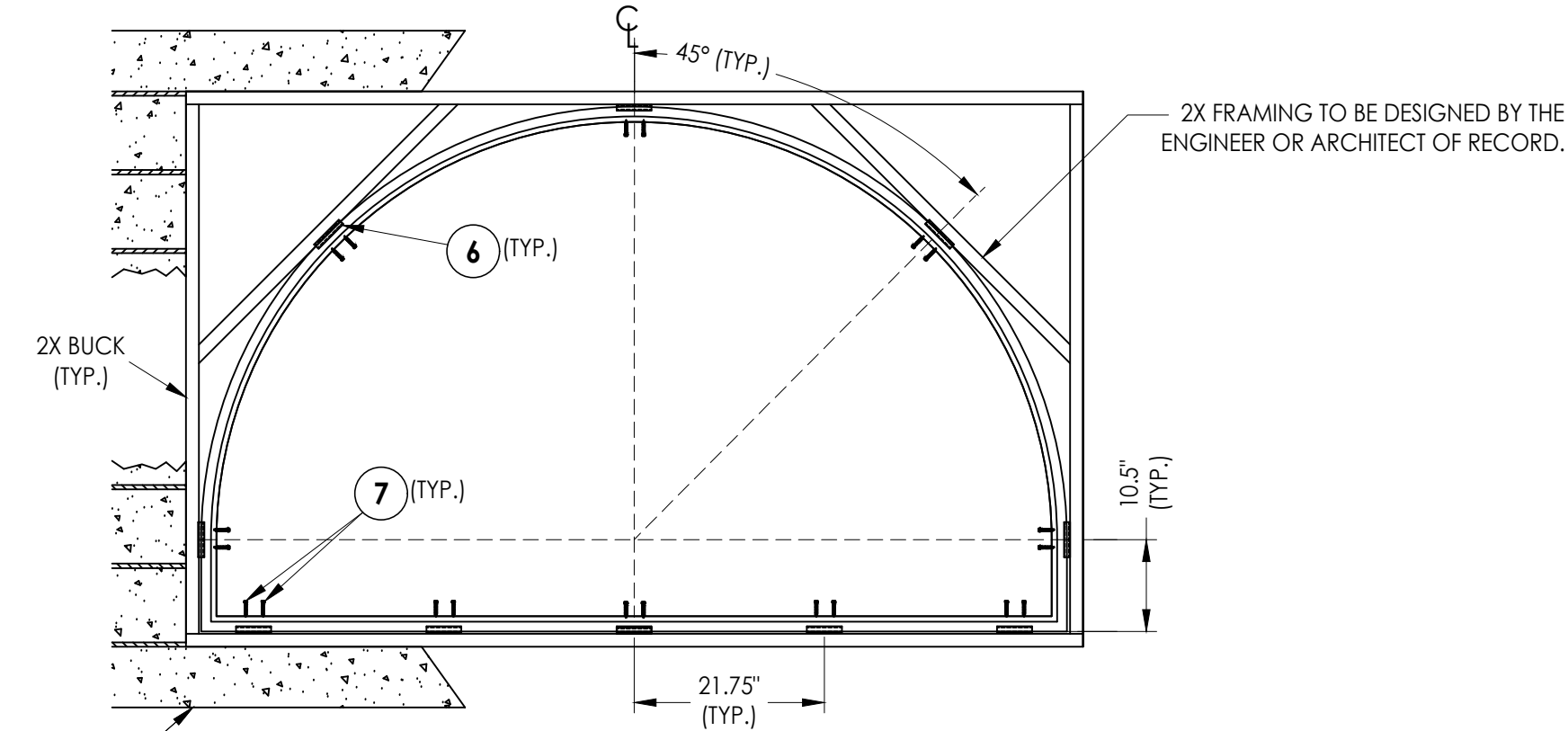


1 VERTICAL CROSS SECTION
2 2X Buck Construction

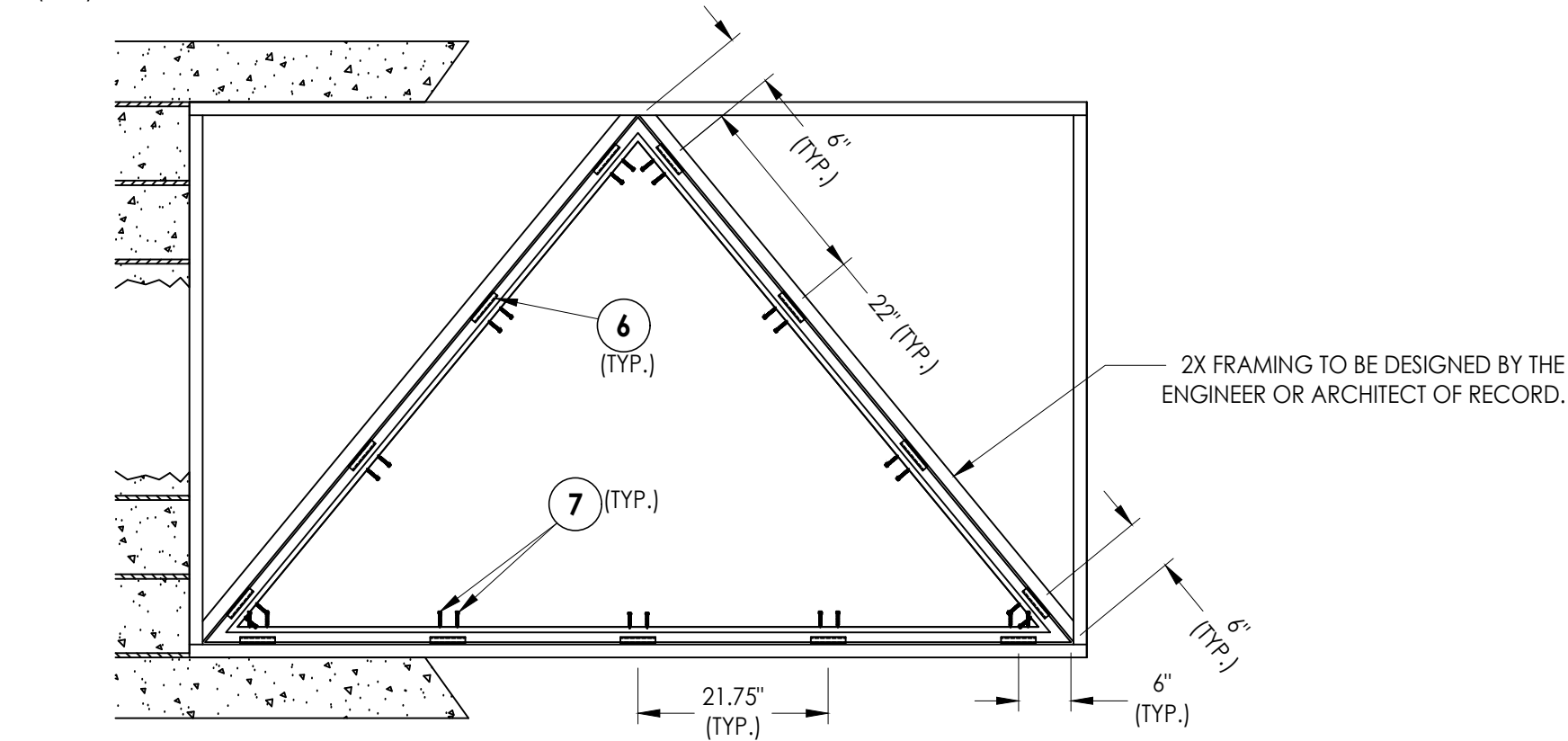
- NOTES:
- Anchor strap secured to frame with item 5 as follows:
Triangular & Half-round : one per strap
Round: two per strap

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			
PRODUCT: J. SUSSMAN INC. 6400 SERIES WINDOW				PART OR ASSEMBLY: VERTICAL CROSS SECTION			
5	7/07/26	UPDATE TO 9TH ED. (2026) FBC	LFS				
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NO.	DATE		BY				
				REVISIONS			
DATE: 10/18/10							
SCALE: N.T.S.							
DWG. BY: JK							
CHK. BY: LFS							
DRAWING NO.: FL-14163.5							
SHEET 2 OF 5							

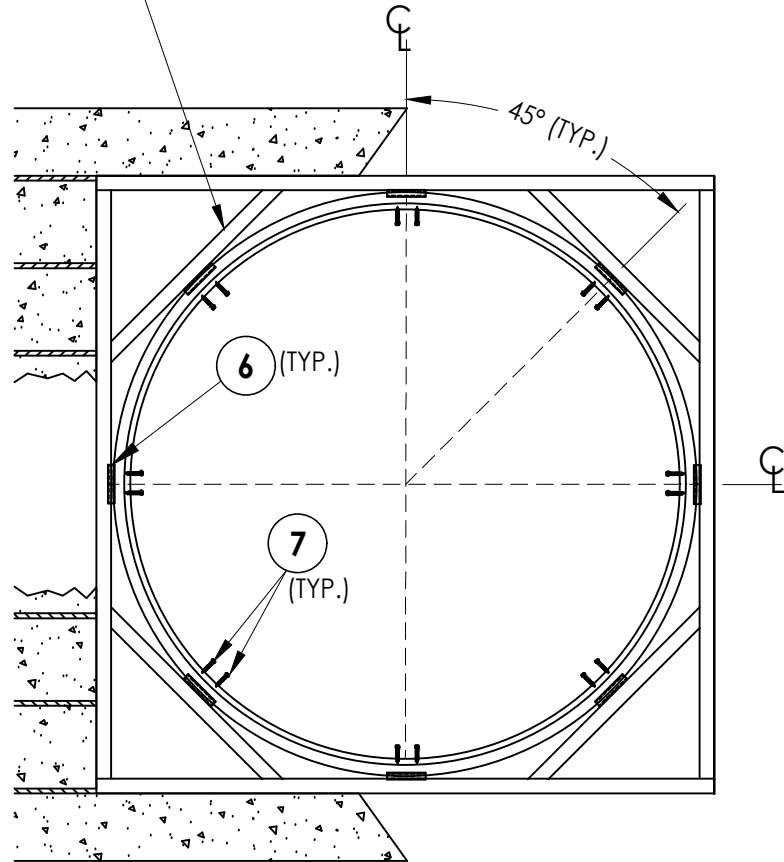
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FRAME ANCHORING
2X Buck



FRAME ANCHORING
2X Buck



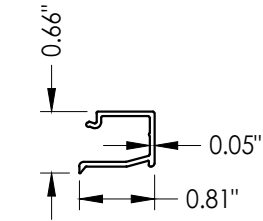
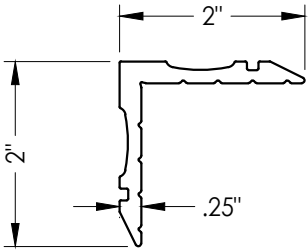
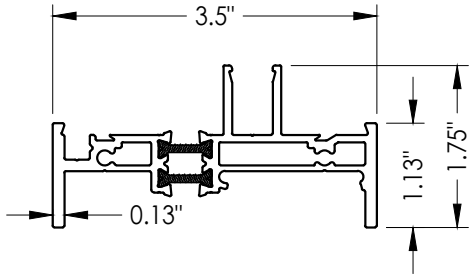
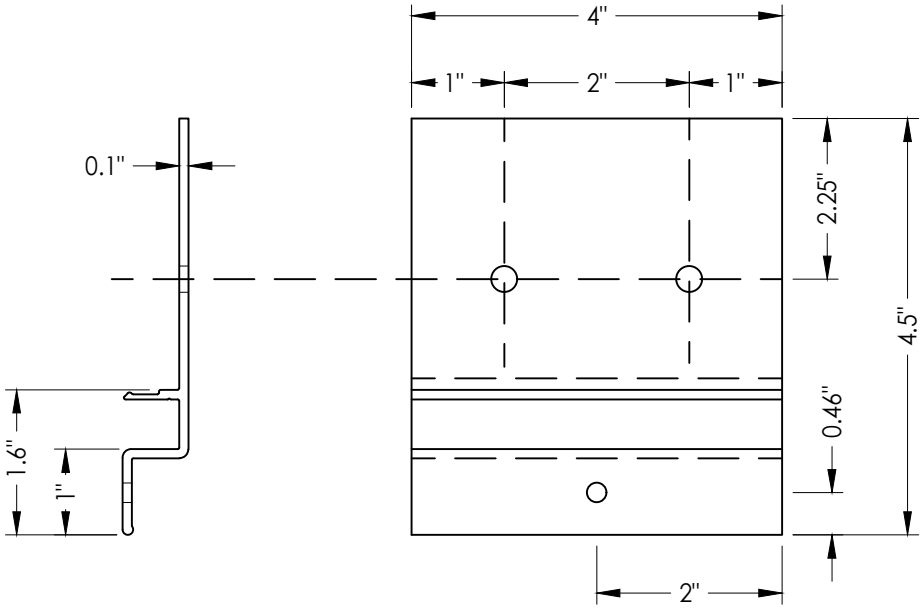
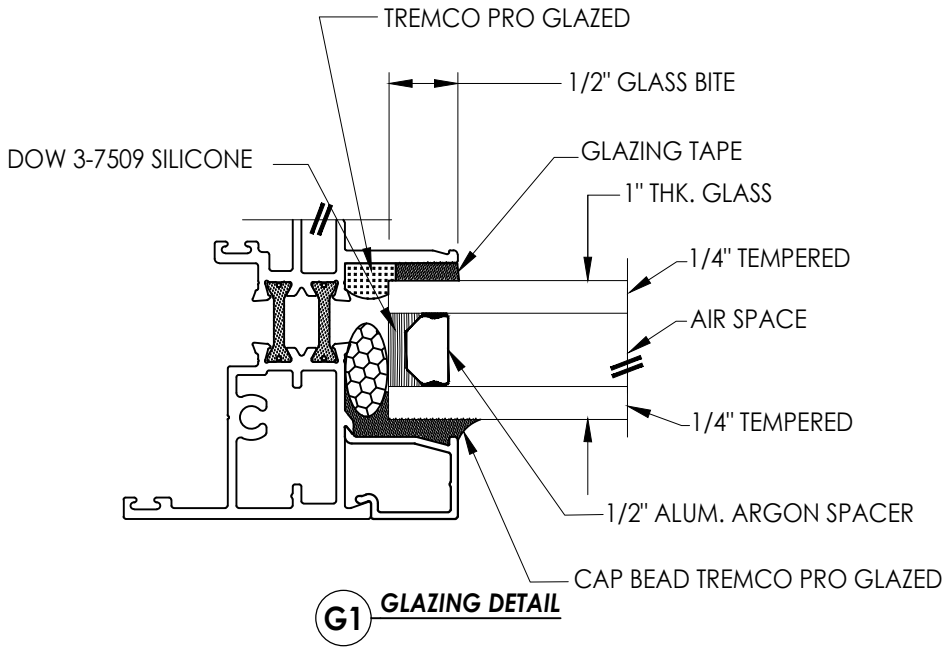
FRAME ANCHORING
2X Buck

CORROSION RESISTANCE - SALTWATER ENVIRONMENTS
Fasteners & connectors in areas within 3000 ft (914 m) of a saltwater coastline shall comply with FBC Sections 1711.1 or R332.1.

Documents Prepared By: Lyndon F. Schmidt P.E. No. 43409		J. SUSSMAN INC. 6400 SERIES WINDOW		BUILDING CONSULTANTS, INC. P.O. Box 230, Valrico, FL 33595 Phone No.: 813.659.9197 FBPE Registry No. 9813	
PRODUCT:		PART OR ASSEMBLY:		FRAME ANCHORING	
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1	1/25/12	UPDATE TO 2010 FBC		KV	
NO.	DATE			BY	
REVISIONS					
DATE: 10/18/10					
SCALE: N.T.S.					
DWG. BY: JK					
CHK. BY: LFS					
DRAWING NO.: FL-14163.5					
SHEET 4 OF 5					

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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
1	FRAME	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
15	GLAZING STOP	ALUM/6063-T5
21	DOW 995	SILICONE
22	BACKING ROD	FOAM
23	PLYWOOD FILLER	PLYWOOD



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PRODUCT: J. SUSSMAN INC. 6400 SERIES WINDOW		PART OR ASSEMBLY: BILL OF MATERIALS, GLAZING DETAIL AND COMPONENTS	
5	7/07/26	UPDATE TO 9TH ED. (2026) FBC	LFS
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DRAWING NO.: FL-14163.5			
SHEET 5 OF 5			