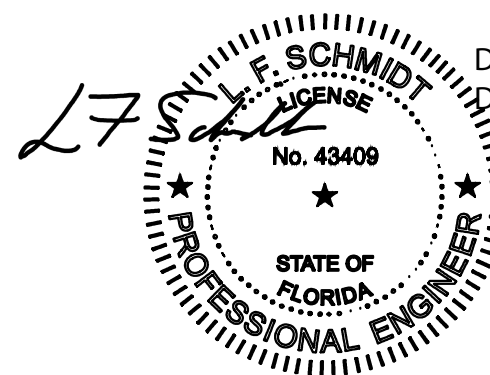




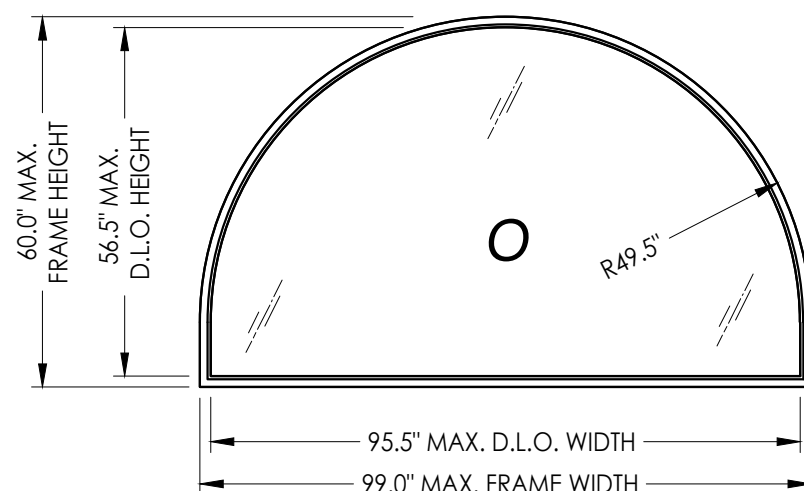
6400 Series
EXTRUDED THERMALLY BROKEN
FIXED ALUMINUM WINDOW
"NON-IMPACT"



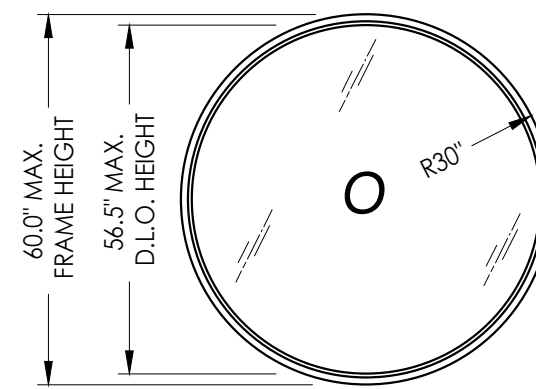
Digitally signed by Lyndon F Schmidt
Date: 2023.08.29 11:52:45 -04'00'

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.

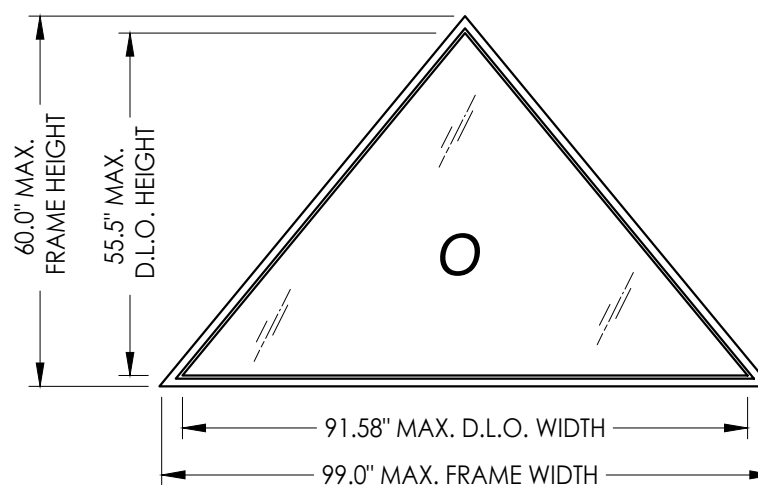
THIS PRODUCT APPROVAL IS VALID
ONLY FOR THE STATE OF FLORIDA



HALF-ROUND



ROUND



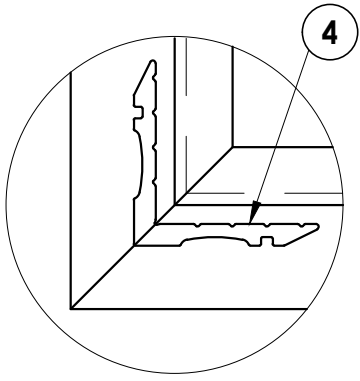
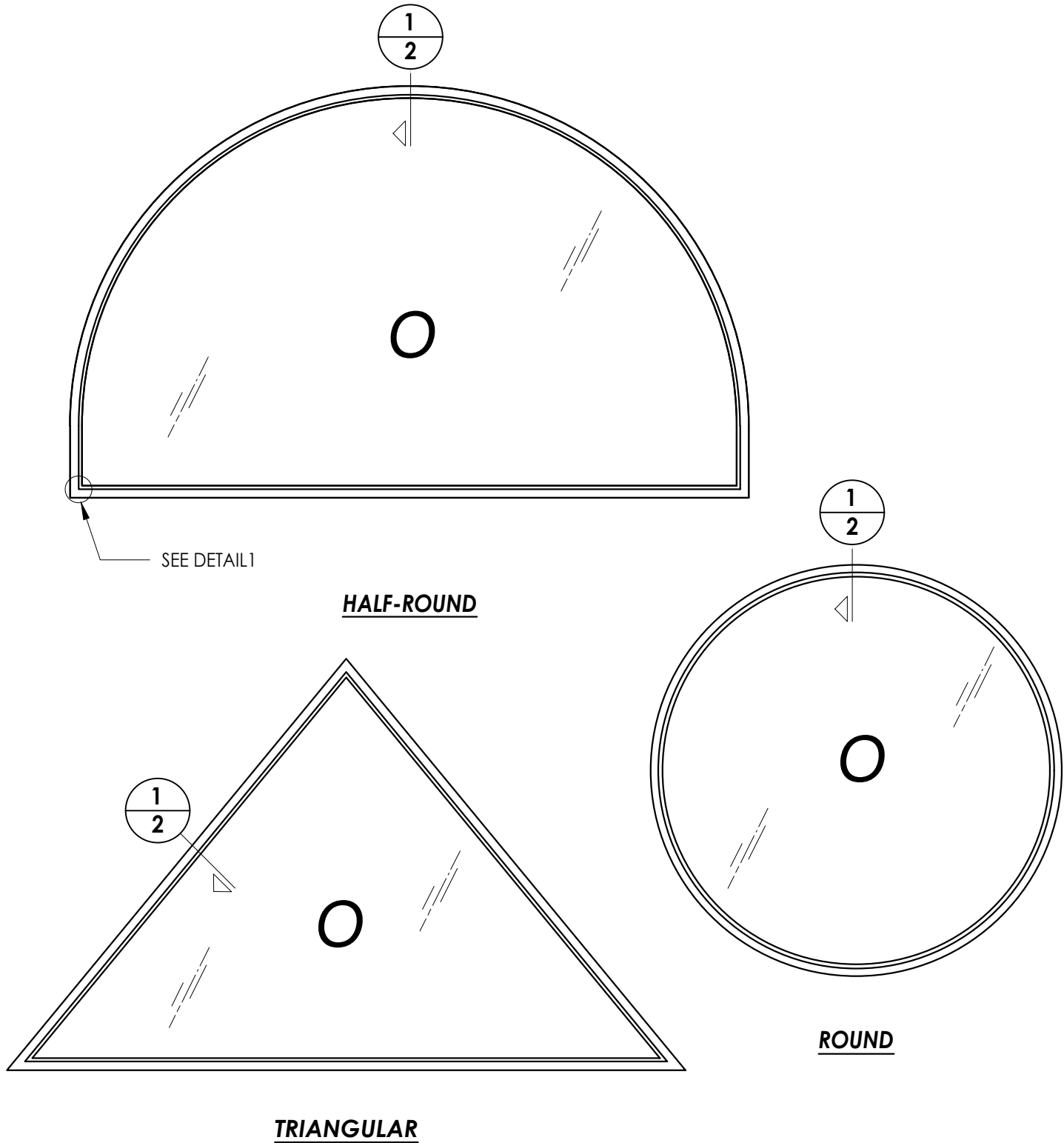
TRIANGULAR

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

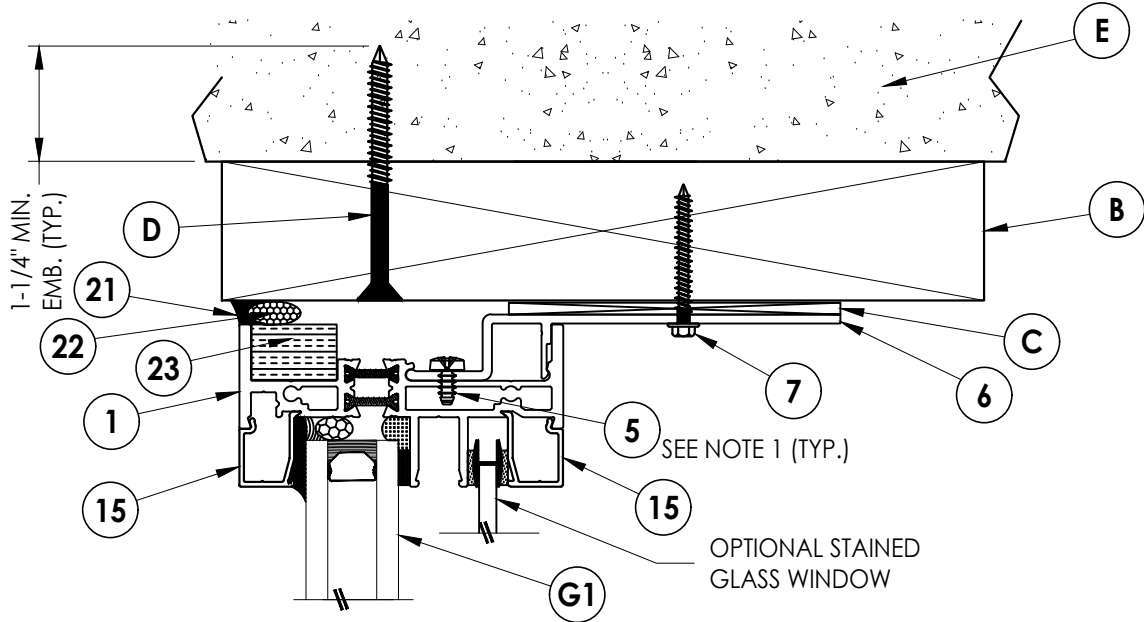
GEOMETRIC SHAPE	MAX. O.A. DIMENSION	MAX. D.L.O. DIMENSION	GLASS TYPE	DESIGN PRESSURE (PSF)	
				POSITIVE	NEGATIVE
HALF-ROUND	99.0" X 60.0"	95.5" X 56.5"	G1	+ 65.0	- 65.0
TRIANGULAR	99.0" X 60.0"	91.58" X 55.5"	G1	+ 65.0	- 65.0
ROUND	60.0" DIA.	56.5" DIA.	G1	+ 65.0	- 65.0

PRODUCT: J. SUSSMAN, INC. 6400 SERIES WINDOW		PART OR ASSEMBLY: TYPICAL ELEVATION, GENERAL NOTES & DESIGN PRESSURES	
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
NO.	DATE		
			BY
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

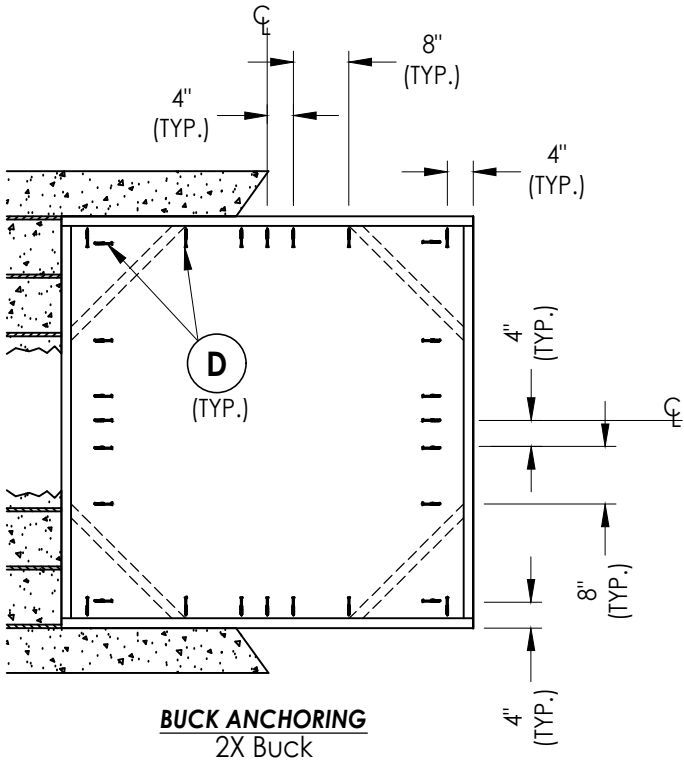
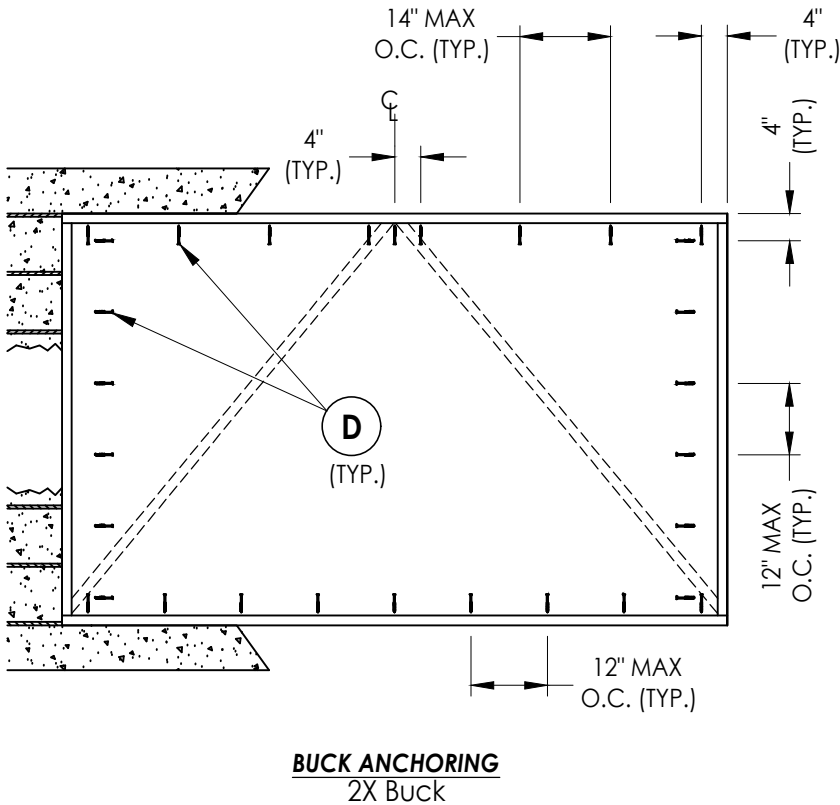
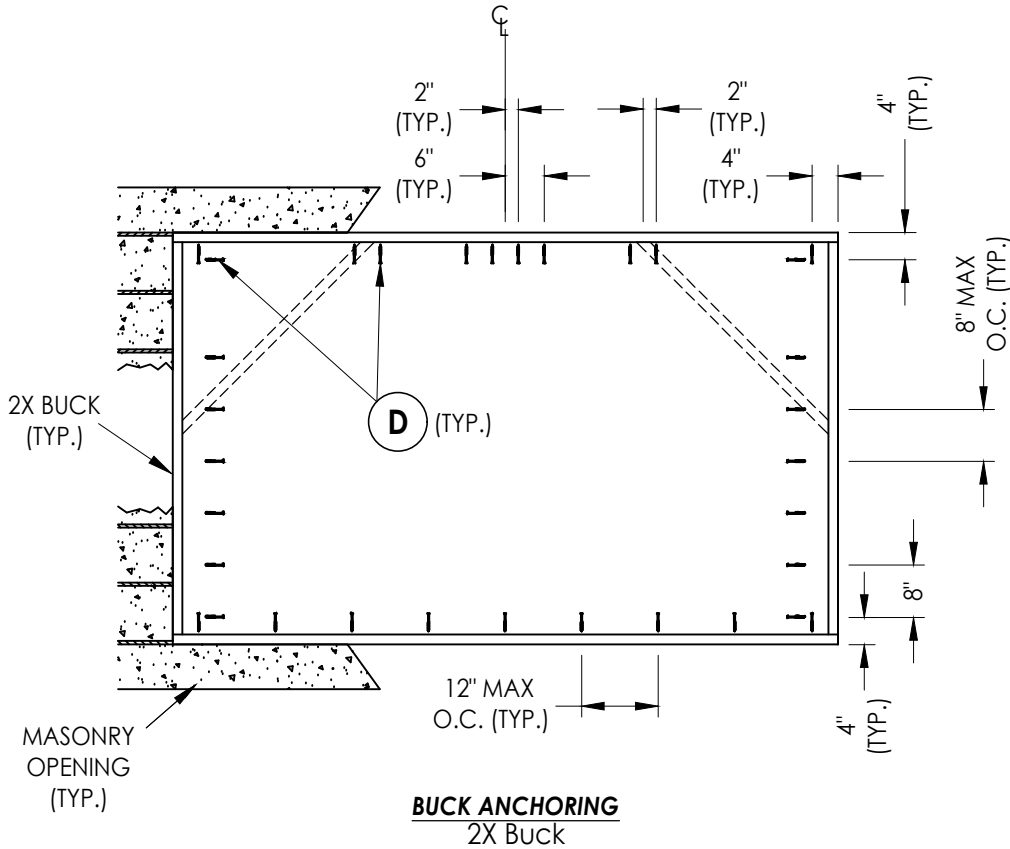


1 VERTICAL CROSS SECTION
2 2X Buck Construction

- 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		REVISIONS			
4	8/29/23	UPDATE TO 8TH ED. (2023)	FBC	LFS	NO.	DATE	BY
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	FBC	KV			
DATE: 10/18/10				SCALE: N.T.S.			
DWG. BY: JK				CHK. BY: LFS			
DRAWING NO.: FL-14163.5				SHEET 2 OF 5			

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



CONCRETE ANCHOR NOTES:

- Concrete anchor locations at the corners may be adjusted to maintain the min. edge distance to mortar joints.
- 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.
- 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:

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

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

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

NO.	DATE	REVISIONS
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.

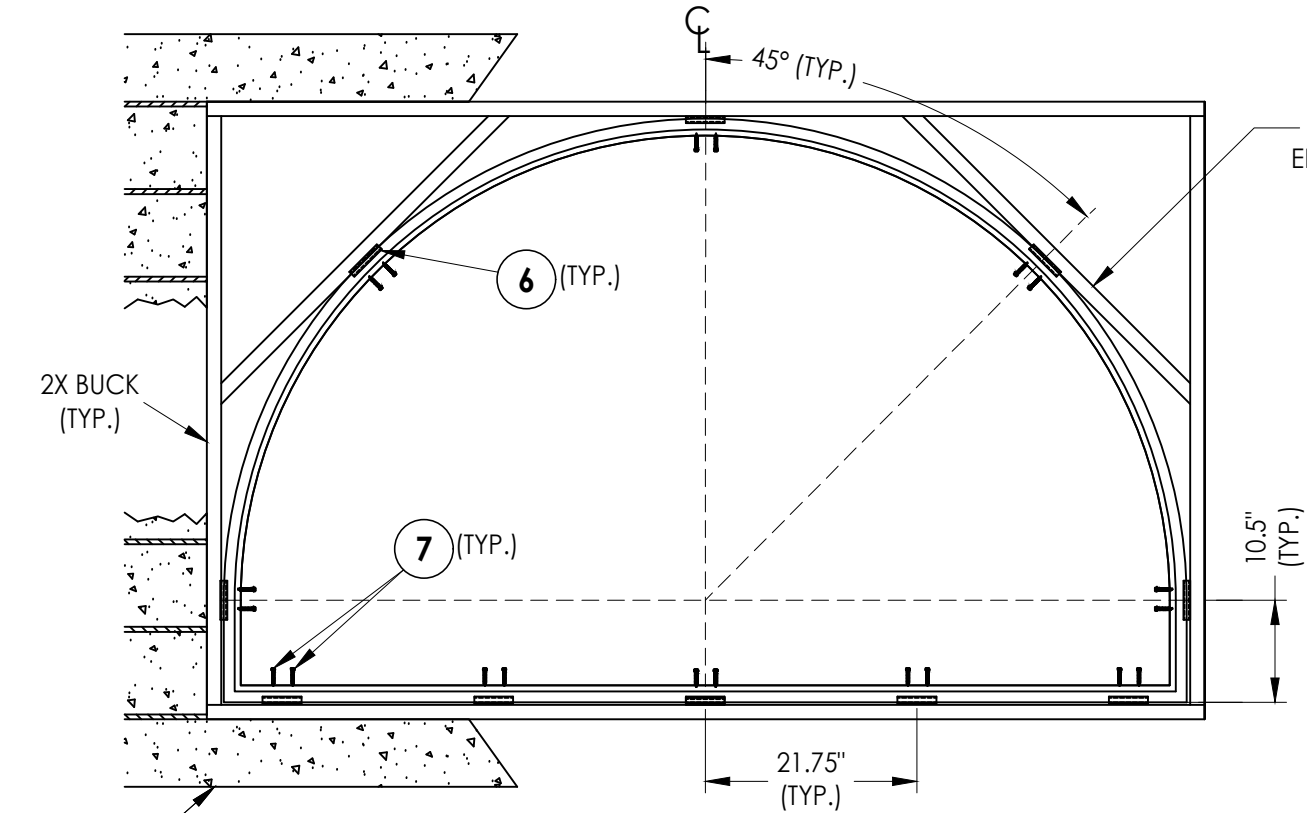
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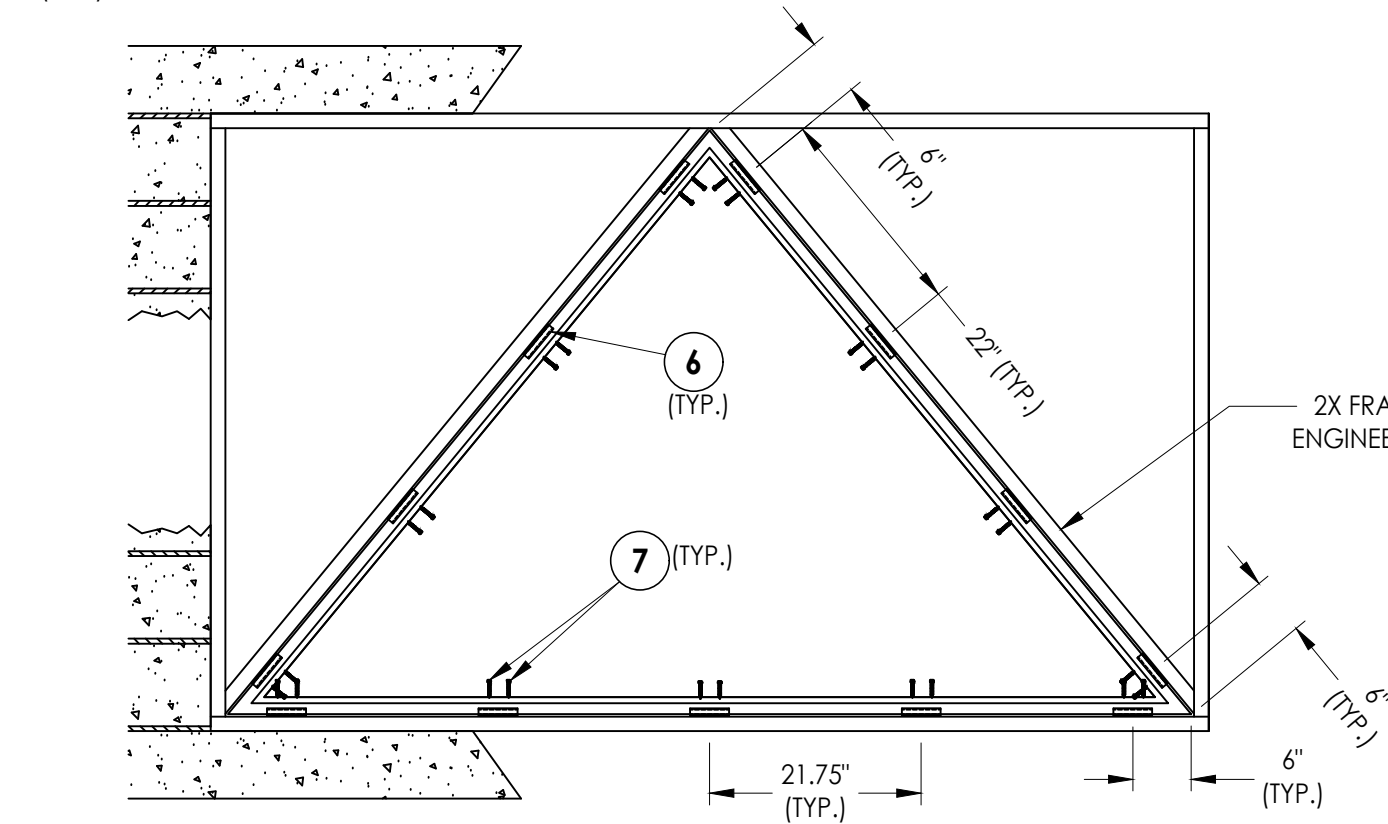
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FL-14163.5

SHEET 3 OF 5

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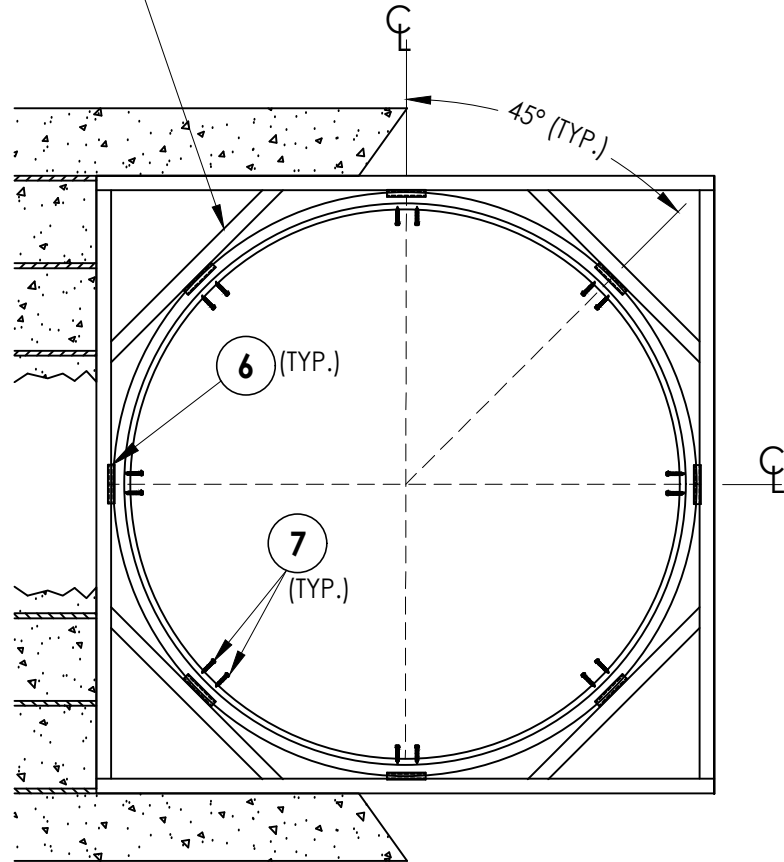
FRAME ANCHORING
2X Buck



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

DATE: 10/18/10												PRODUCT: J. SUSSMAN INC. 6400 SERIES WINDOW		Documents Prepared By: Lyndon F. Schmidt P.E. No. 43409	
SCALE: N.T.S.															
DWG. BY: JK															
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DRAWING NO.: FL-14163.5															
SHEET 4 OF 5															

