

J. Sussman, Inc.

109-10 180th St. Jamaica, NY 11433

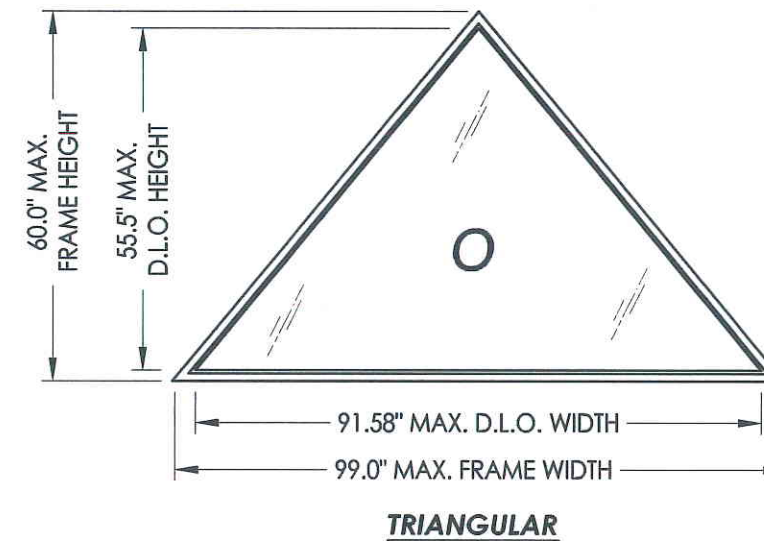
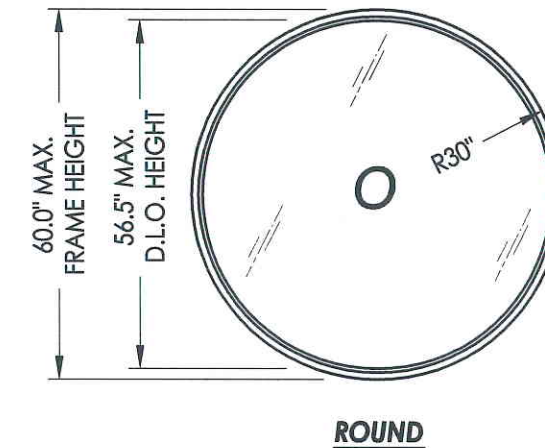
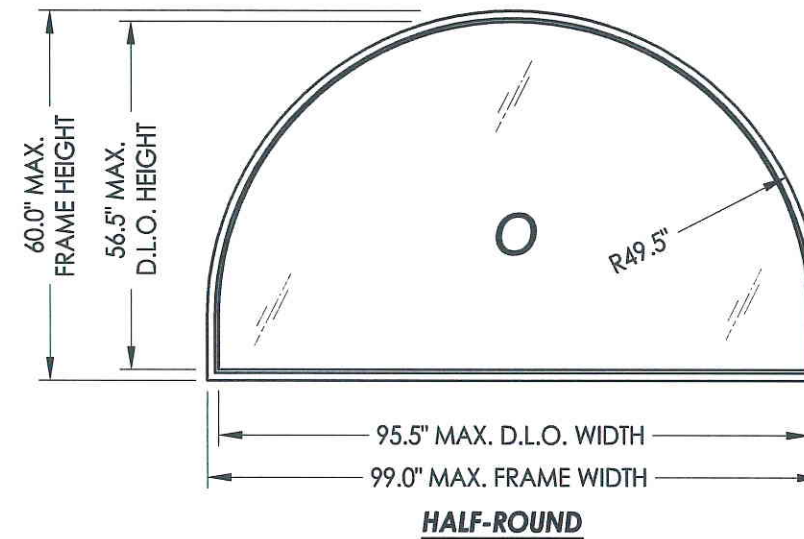
6400 Series EXTRUDED THERMALLY BROKEN FIXED ALUMINUM WINDOW "NON-IMPACT"

GENERAL NOTES

1. This product has been evaluated and is in compliance with the 2007 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 is required to be protected with an impact resistant covering that complies with Section 1609.1.2 of the 2007 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.

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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

Documents Prepared By:
RW BUILDING CONSULTANTS, INC.
P.O. Box 230 Valrico FL 33595
Phone No.: 813.659.9197
Florida Board of Professional Engineers
Certificate Of Authorization No. 9813
RW 11.8.16
Lyndon F. Schmidt, P.E. No. 43409

PRODUCT: J. SUSSMAN, INC.
6400 SERIES WINDOW

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

NO.	DATE	BY	REVISIONS

DATE: 10/18/10

SCALE: N.T.S.

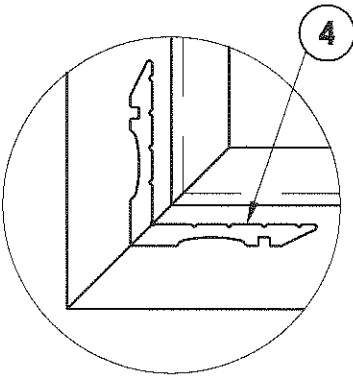
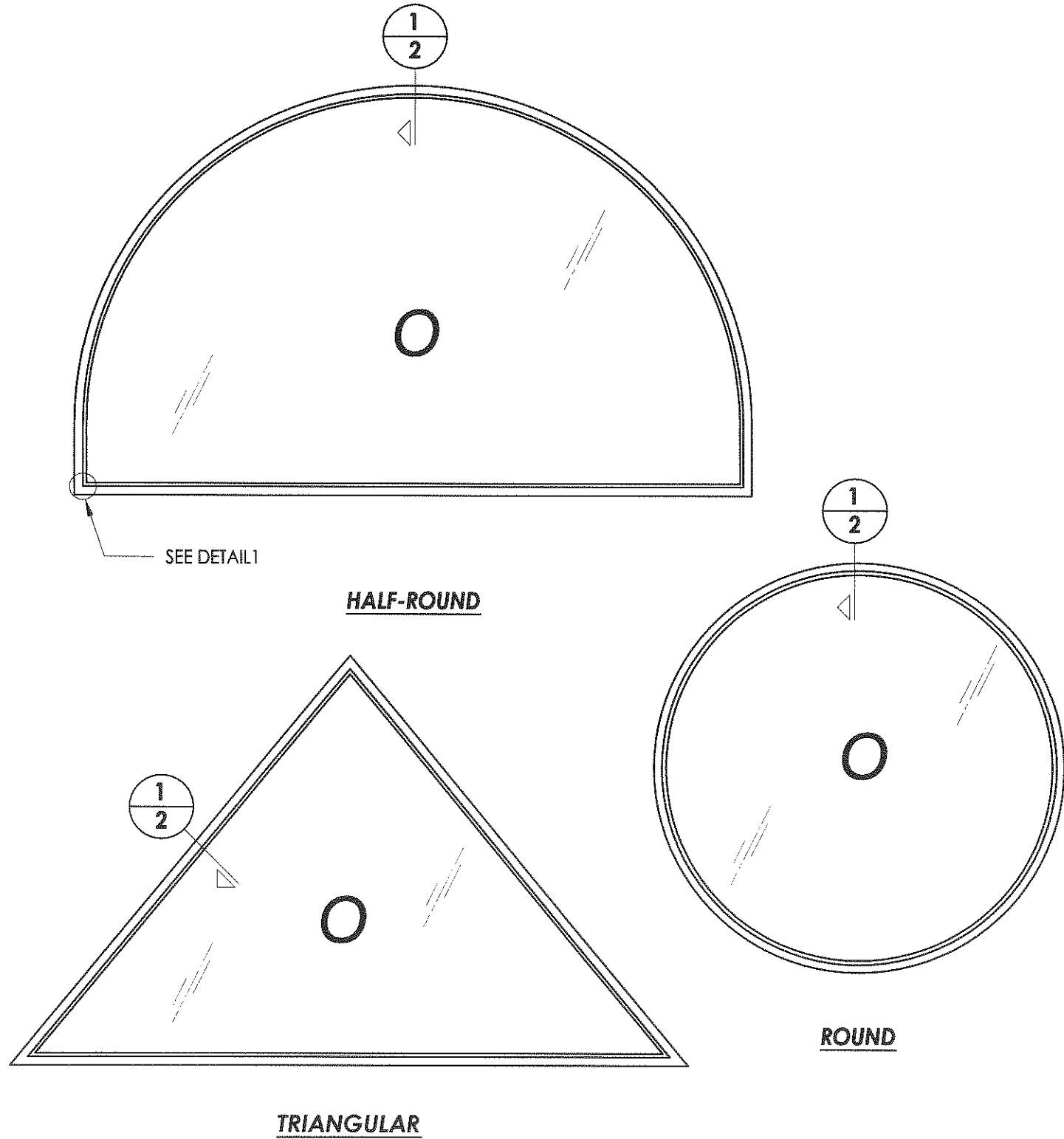
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CHK. BY: LFS

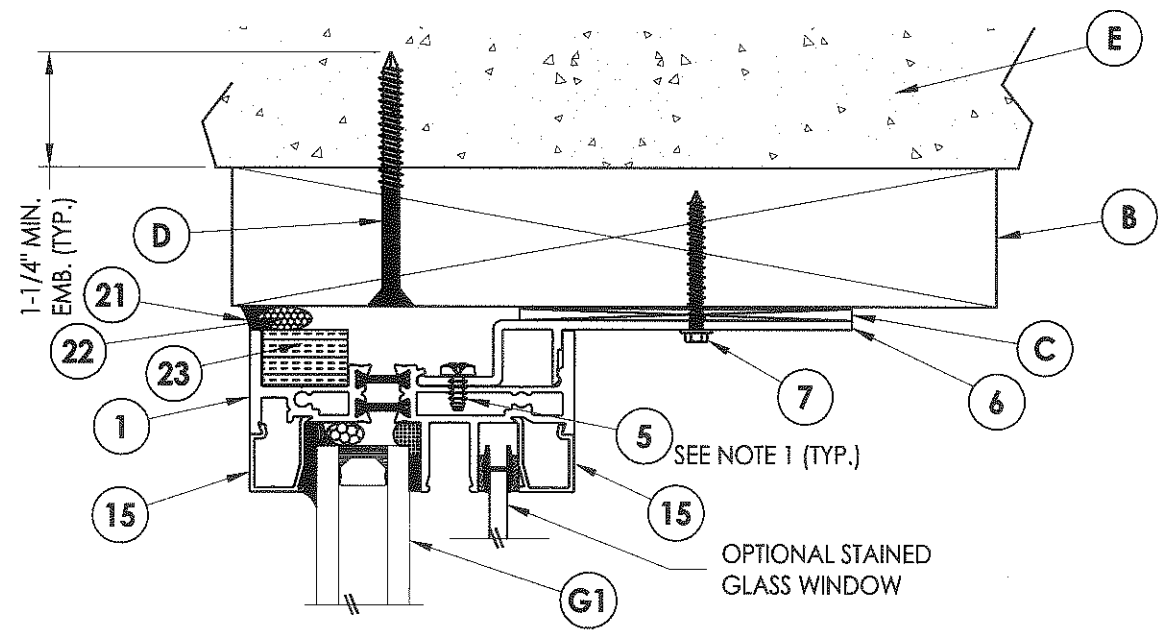
DRAWING NO.:
FL-14163.5

SHEET 1 OF 5

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DETAIL 1
Corner Construction



1 VERTICAL CROSS SECTION
2 2X Buck Construction

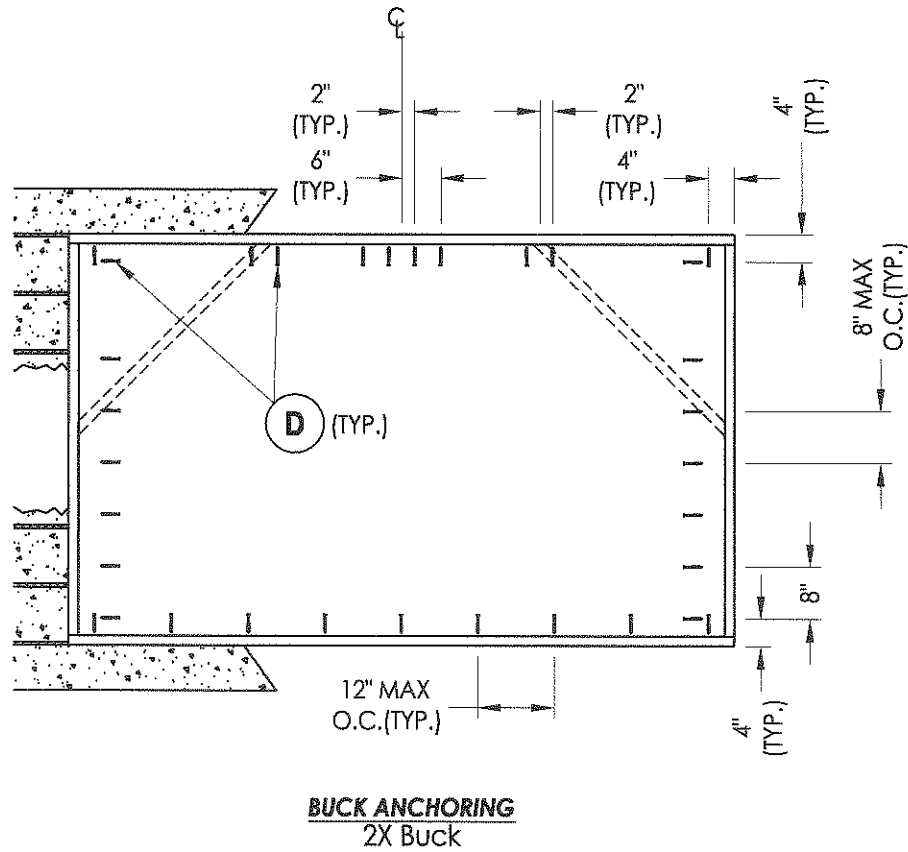
- NOTES:
- Anchor strap secured to frame with item 5 as follows:
Triangular & Half-round : one per strap
Round: two per strap

DATE: 10/18/10
SCALE: N.T.S.
DWG. BY: JK
CHK. BY: LFS
DRAWING NO.: FL-14163.5
SHEET 2 OF 5

NO.		DATE	BY

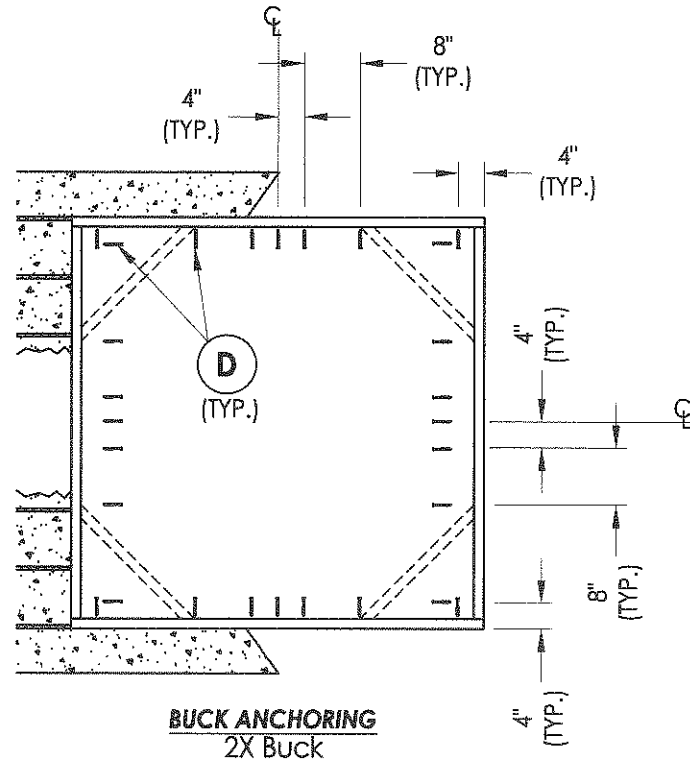
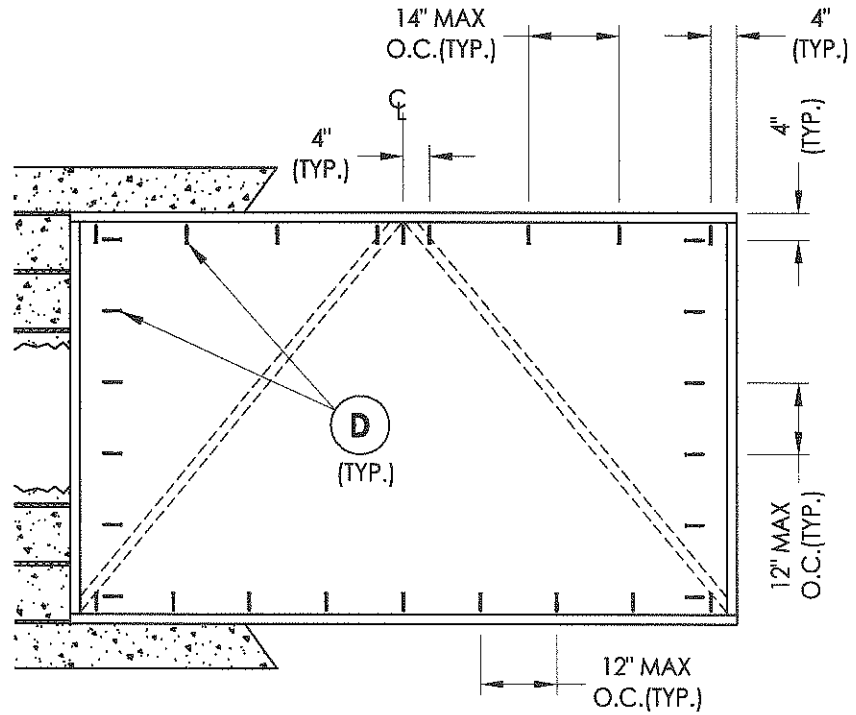
PRODUCT: J. SUSSMAN INC.
6400 SERIES WINDOW
PART OR ASSEMBLY: VERTICAL CROSS SECTION

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- CONCRETE ANCHOR NOTES:**
1. Substitution of equal concrete anchors from a different supplier may have different edge distance and center distance requirements.
 2. 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.
 3. Concrete anchor table:

ANCHOR TYPE	ANCHOR SIZE	MIN. EMBEDMENT	MIN. CLEARANCE TO MASONRY EDGE	MIN. CLEARANCE TO ADJACENT ANCHOR
ITW	1/4"	1-1/4"	2-1/2"	3"
ELCO	1/4"	1-1/4"	1"	4"



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6400 SERIES WINDOW

PART OR ASSEMBLY:

BUCK ANCHORING

DATE: 10/18/10

SCALE: N.T.S.

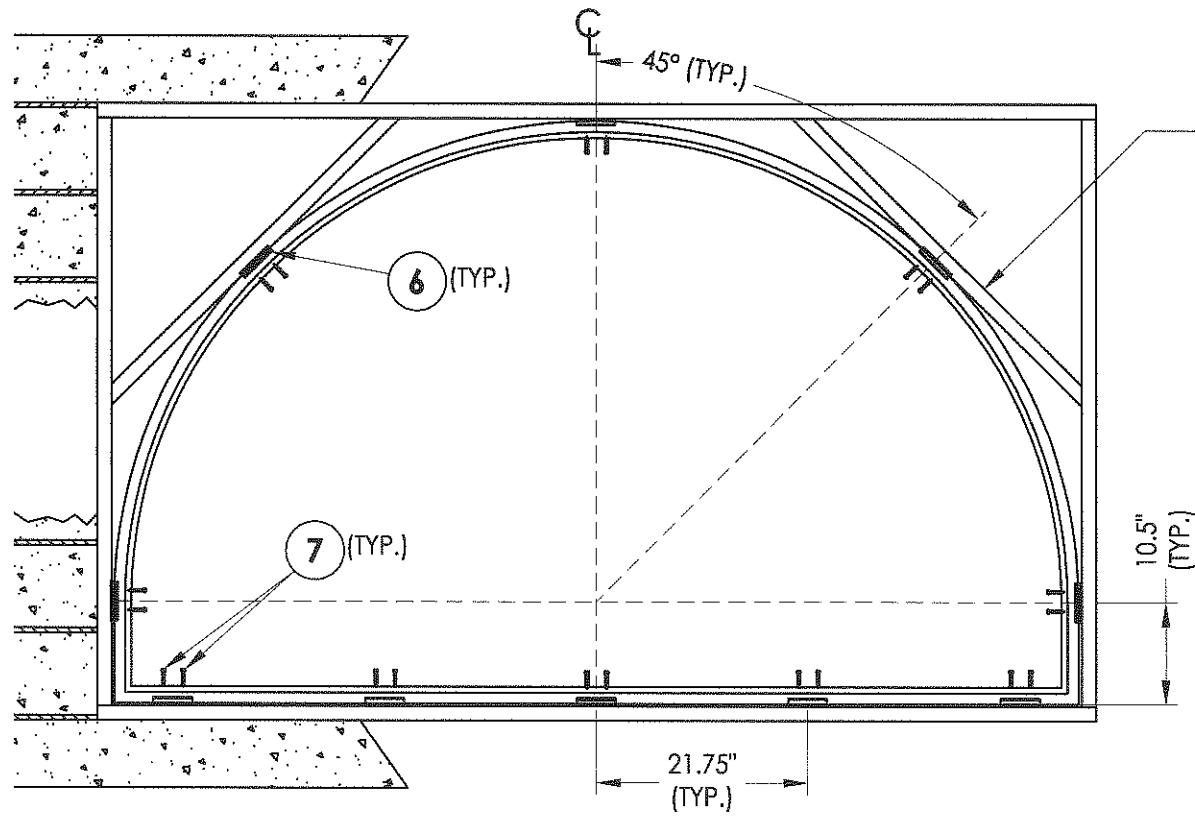
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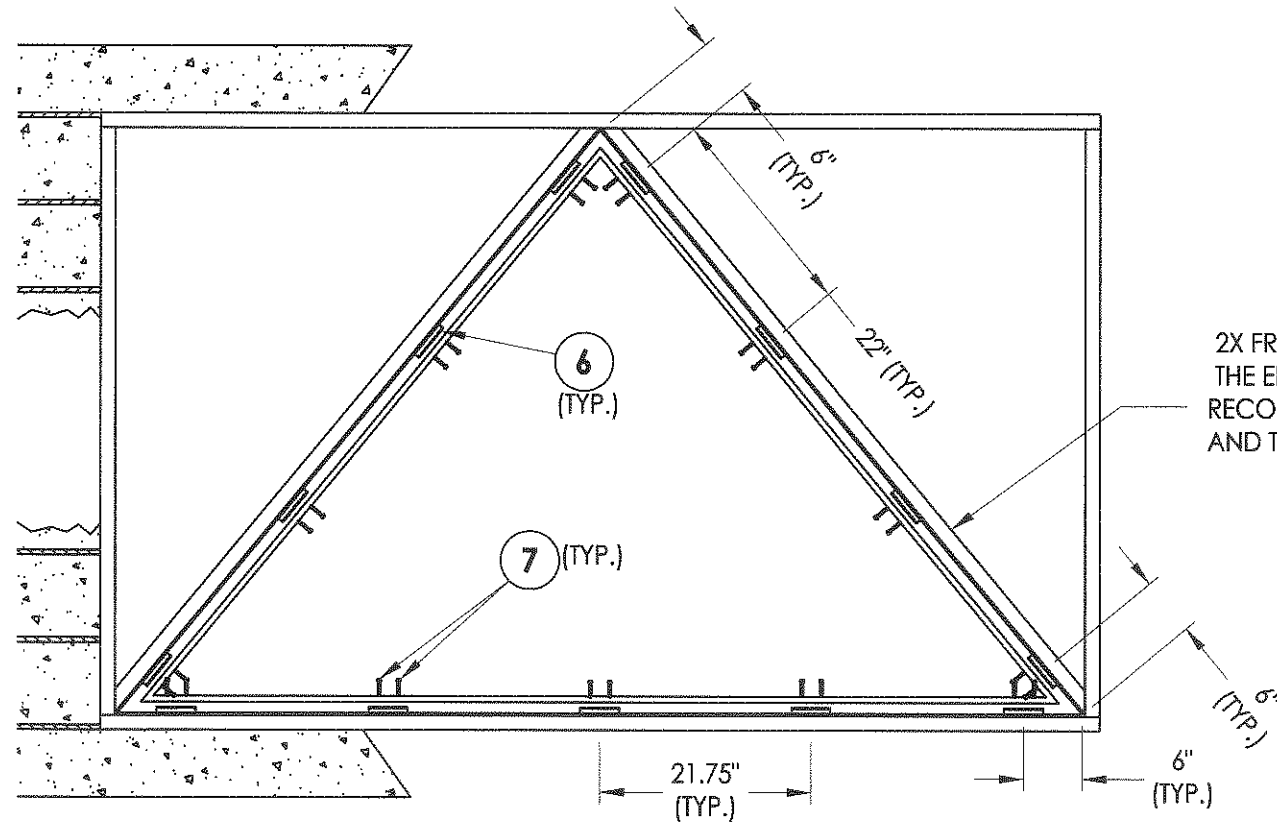
SHEET 3 OF 5

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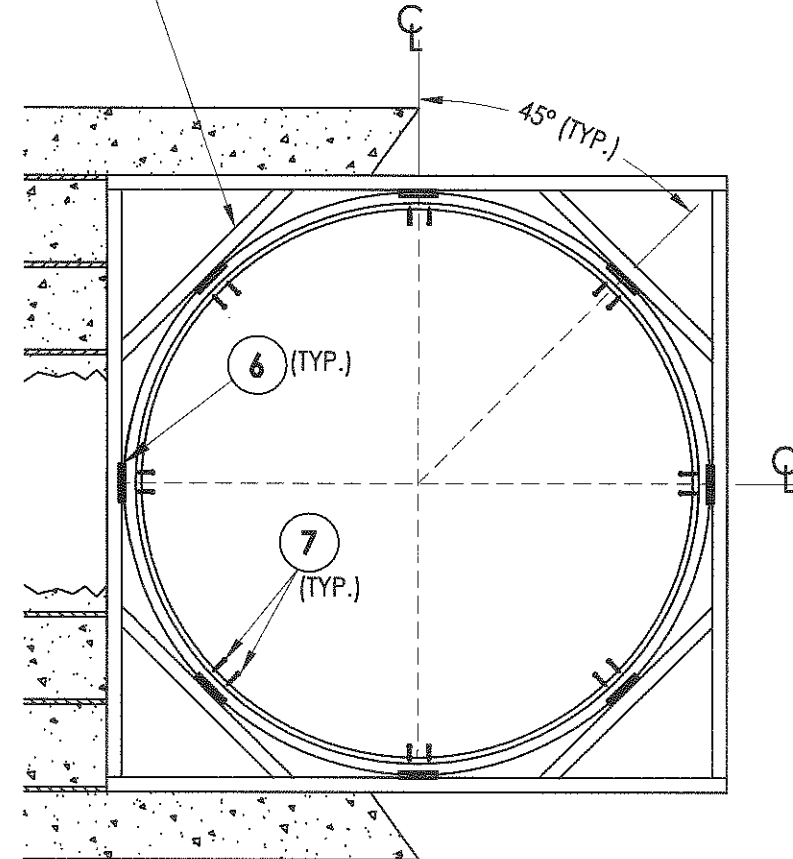
2X FRAMING TO BE DESIGNED BY
THE ENGINEER OR ARCHITECT OF
RECORD BASED ON WIND LOADS
AND THE CLADDING BEING USED.

FRAME ANCHORING
2X Buck



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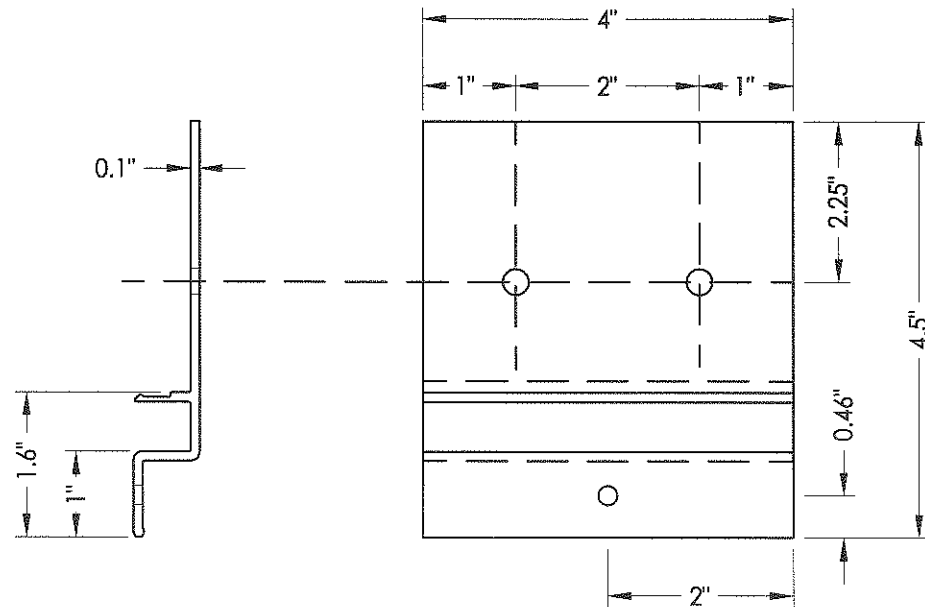
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DWG. BY: JK
CHK. BY: LFS
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SHEET 4 OF 5

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

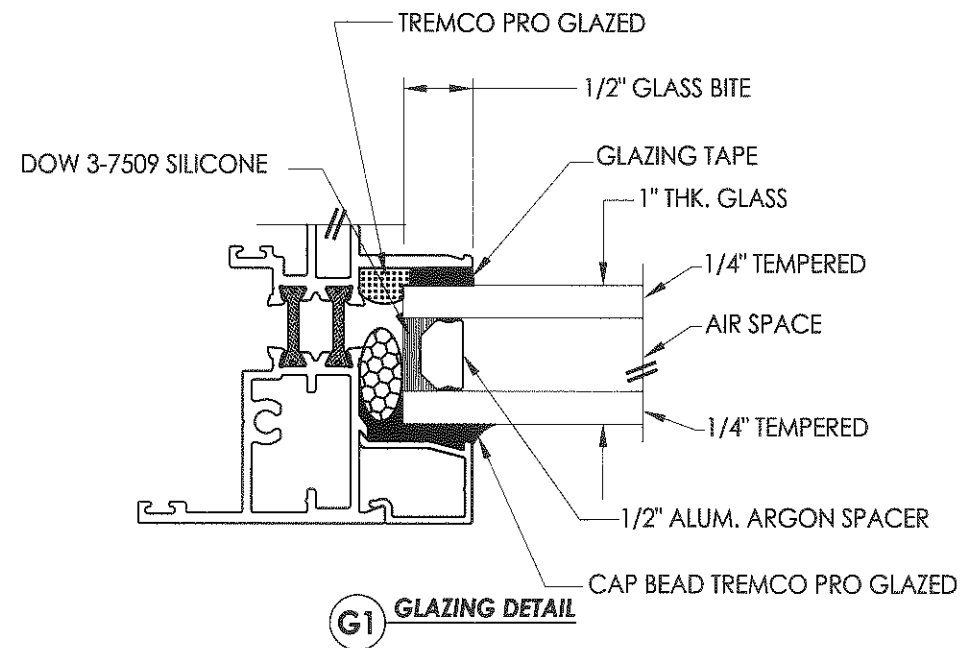
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11-8-10

15 GLAZING STOP
Interior Stained Glass



6 ANCHOR STRAP



1 FRAME

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" ELCO OR ITW CONCRETE SCREW	STEEL
E	MASONRY - 3,192 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	STEEL
15	GLAZING STOP	ALUM/6063-T5
21	DOW 995	SILICONE
22	BACKING ROD	FOAM
23	PLYWOOD FILLER	PLYWOOD

[illegible]

DATE:	10/18/10
SCALE:	N.T.S.
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SHEET	5 OF 5

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