

J. Sussman, Inc.

109-10 180th St. Jamaica, NY 11433

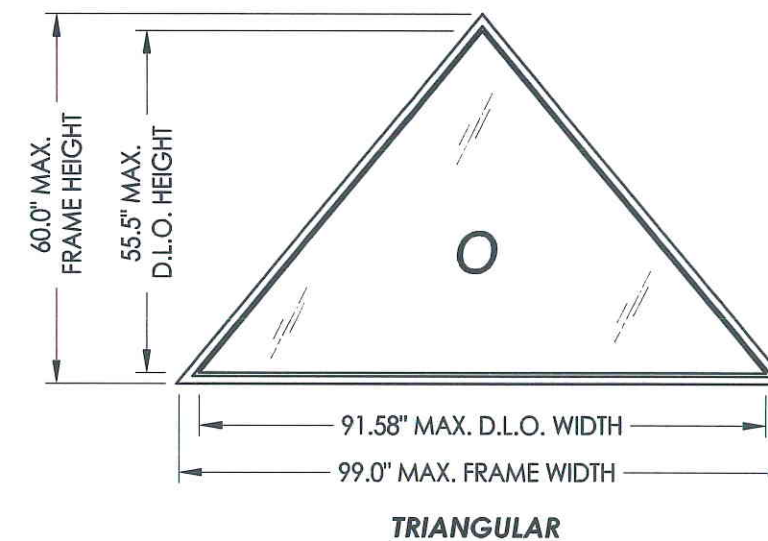
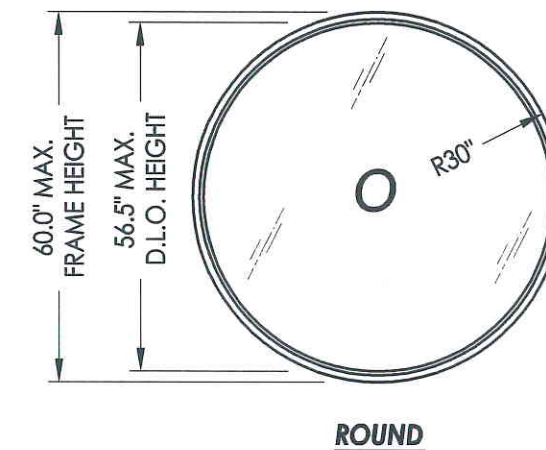
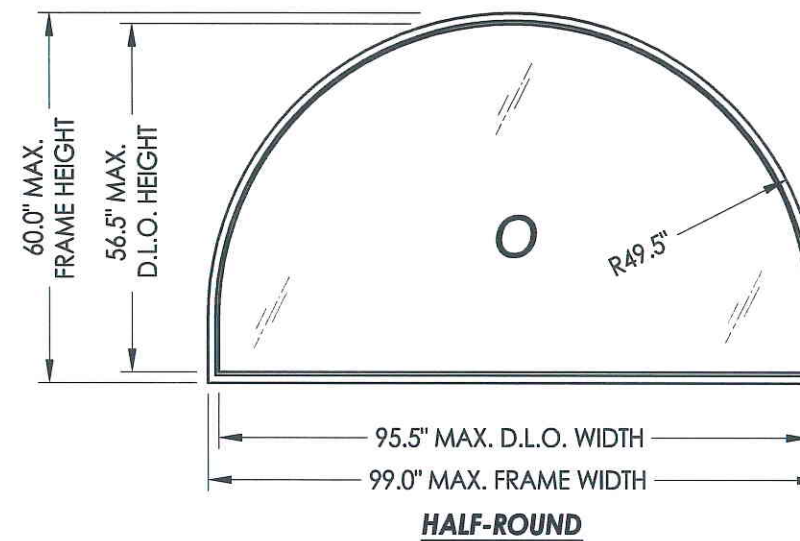
6400 Series EXTRUDED THERMALLY BROKEN FIXED ALUMINUM WINDOW "IMPACT"

GENERAL NOTES

1. This product has been evaluated and is in compliance with the 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 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.
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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1	Typical elevation, general notes and design pressures
2	Vertical cross section
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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

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

Lyndon F. Schmidt 11.8.10
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	REVISIONS	
		BY	

DATE: 10/18/10

SCALE: N.T.S.

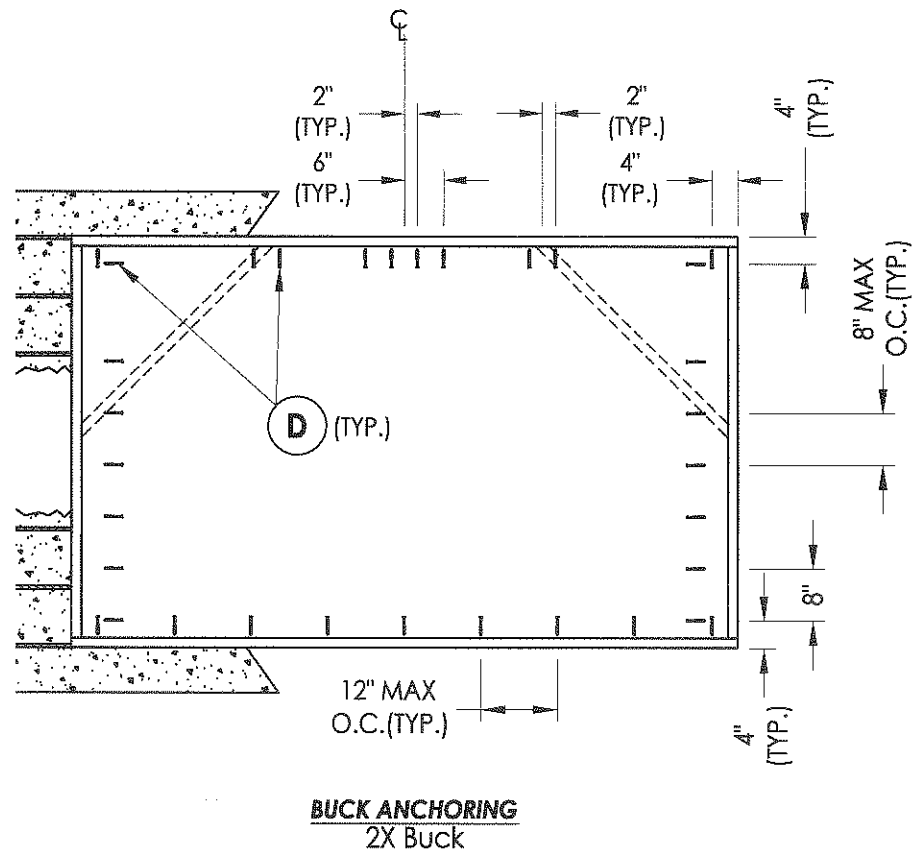
DWG. BY: JK

CHK. BY: LFS

DRAWING NO.:

FL-14163.2

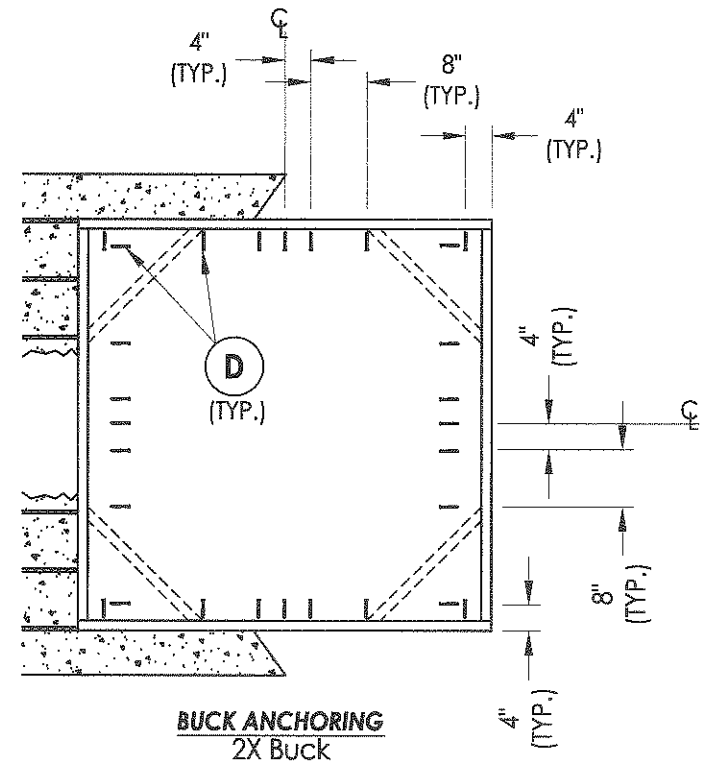
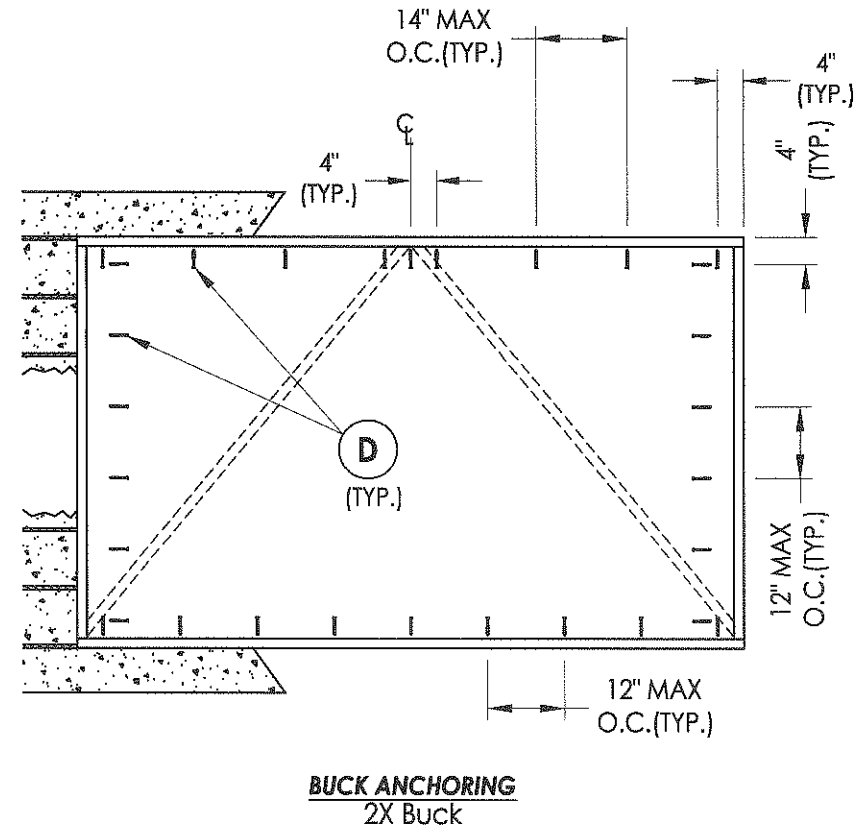
SHEET 1 OF 5



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"



Documents Prepared By:

PRODUCT: J. SUSSMAN INC.
6400 SERIES WINDO

PART OR ASSEMBLY:

BUCK ANCHORING

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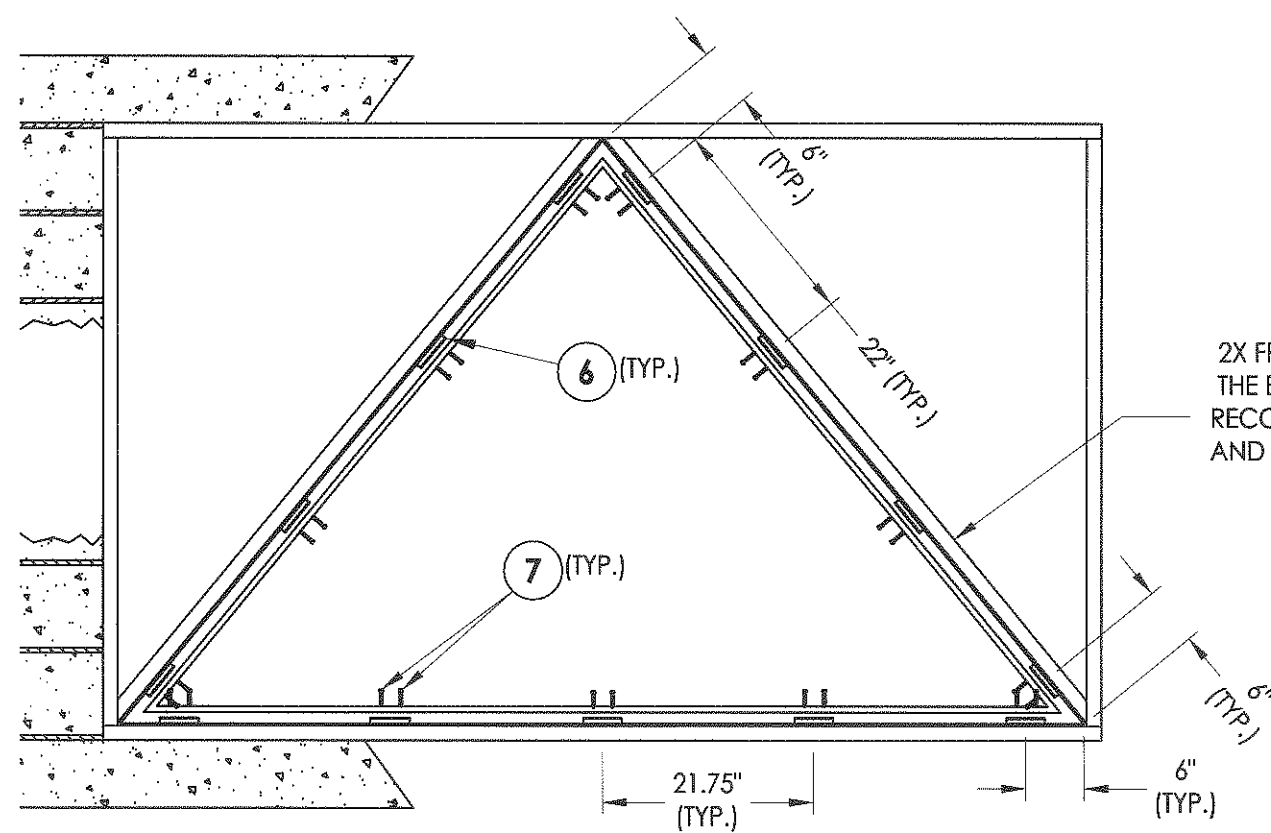
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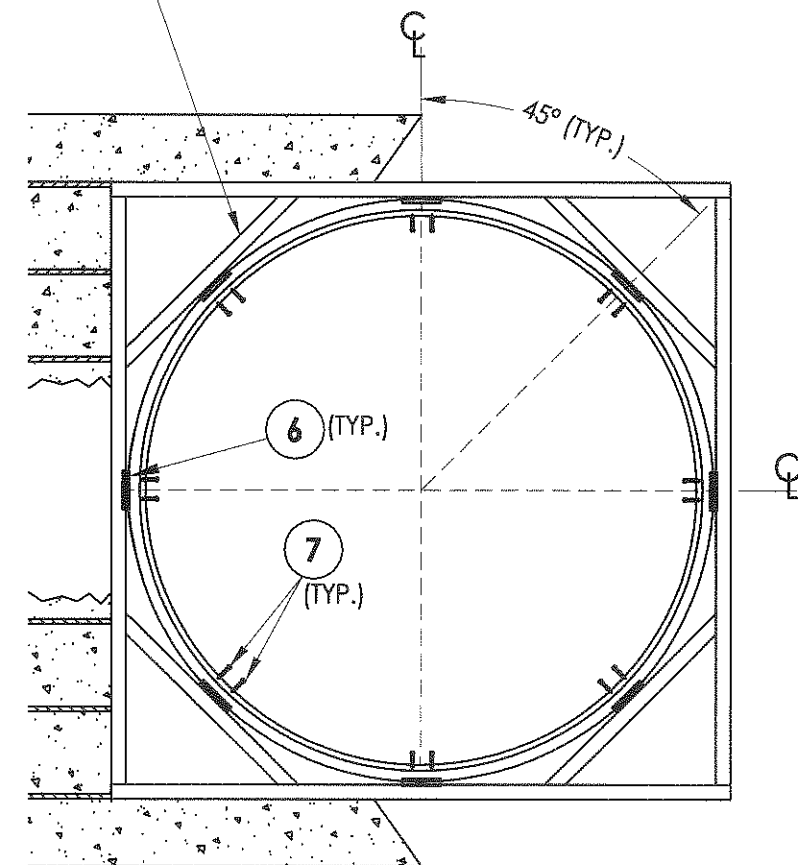
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SHEET 3 OF 5

FRAME ANCHORING
2X Buck

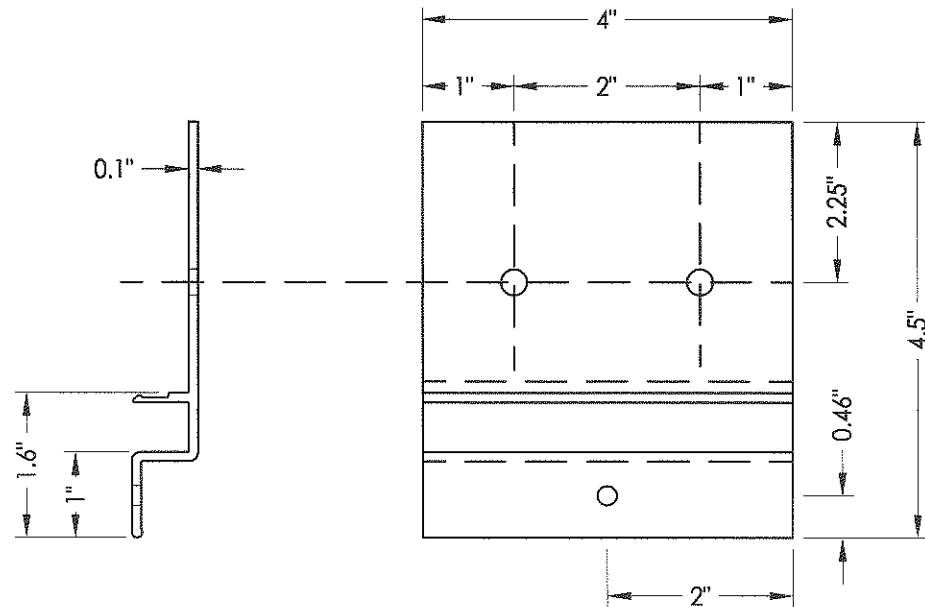


FRAME ANCHORING
2X Buck

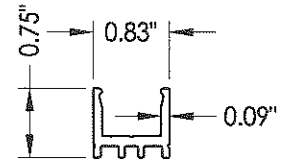


FRAME ANCHORING
2X Buck

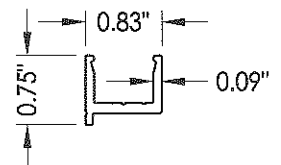
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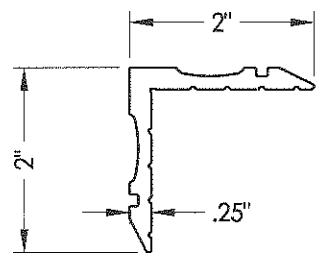
6 ANCHOR STRAP



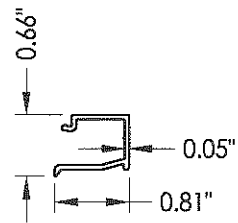
14 GLAZING STOP



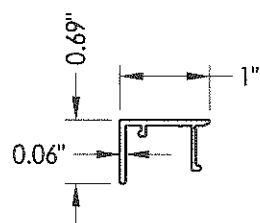
13 GLAZING STOP
1-5/16" Glazing



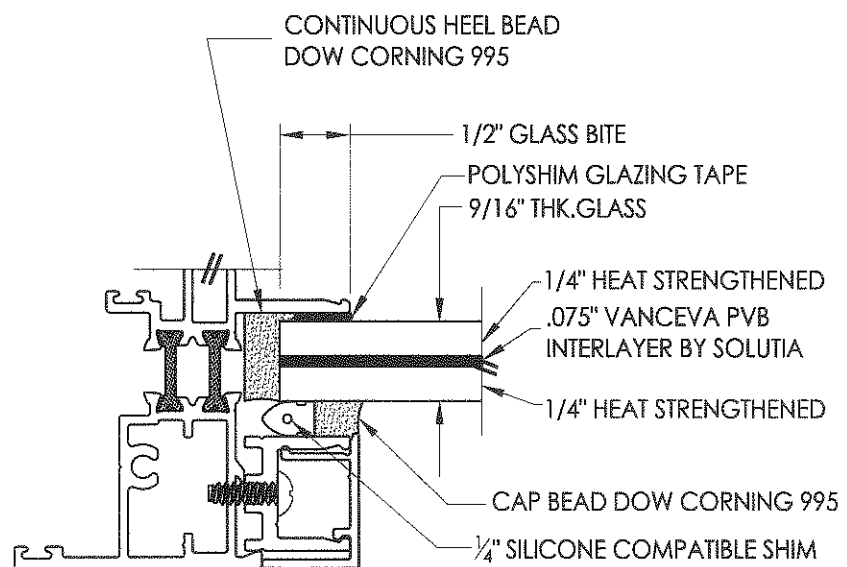
4 CORNER KEY



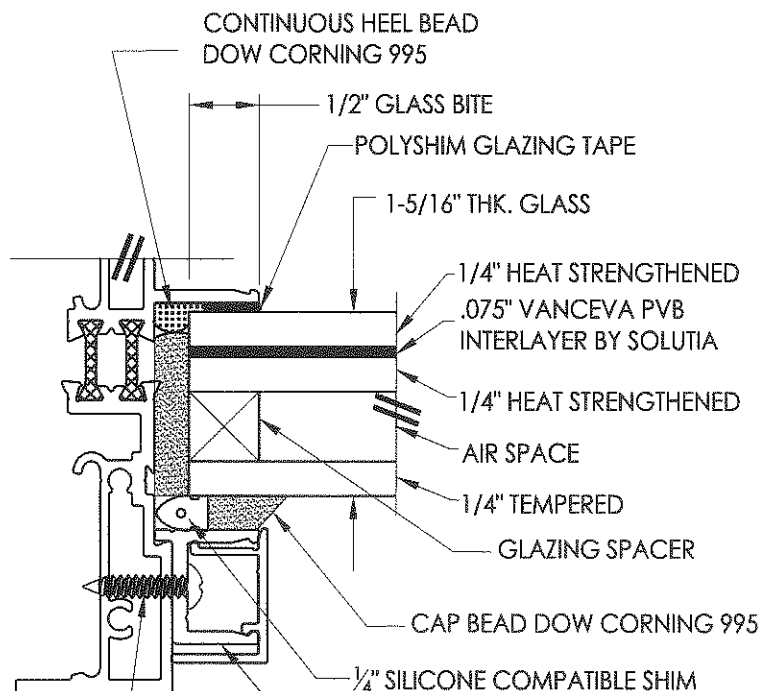
15 GLAZING STOP



11 GLAZING STOP COVER

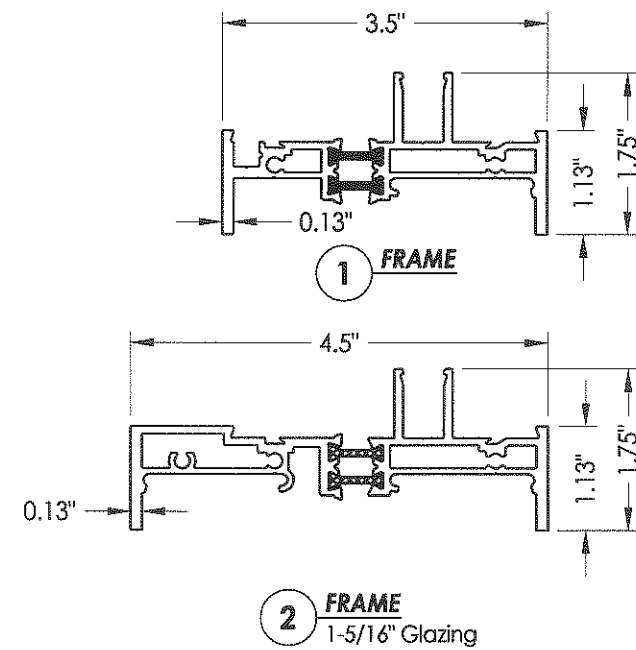


G1 GLAZING DETAIL



8 **13**
G2 GLAZING DETAIL

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
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	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



2 FRAME
1-5/16" Glazing

[illegible]

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17 Feb 11: 8-10
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