

J. Sussman, Inc.

109-10 180th St. Jamaica, NY 11433

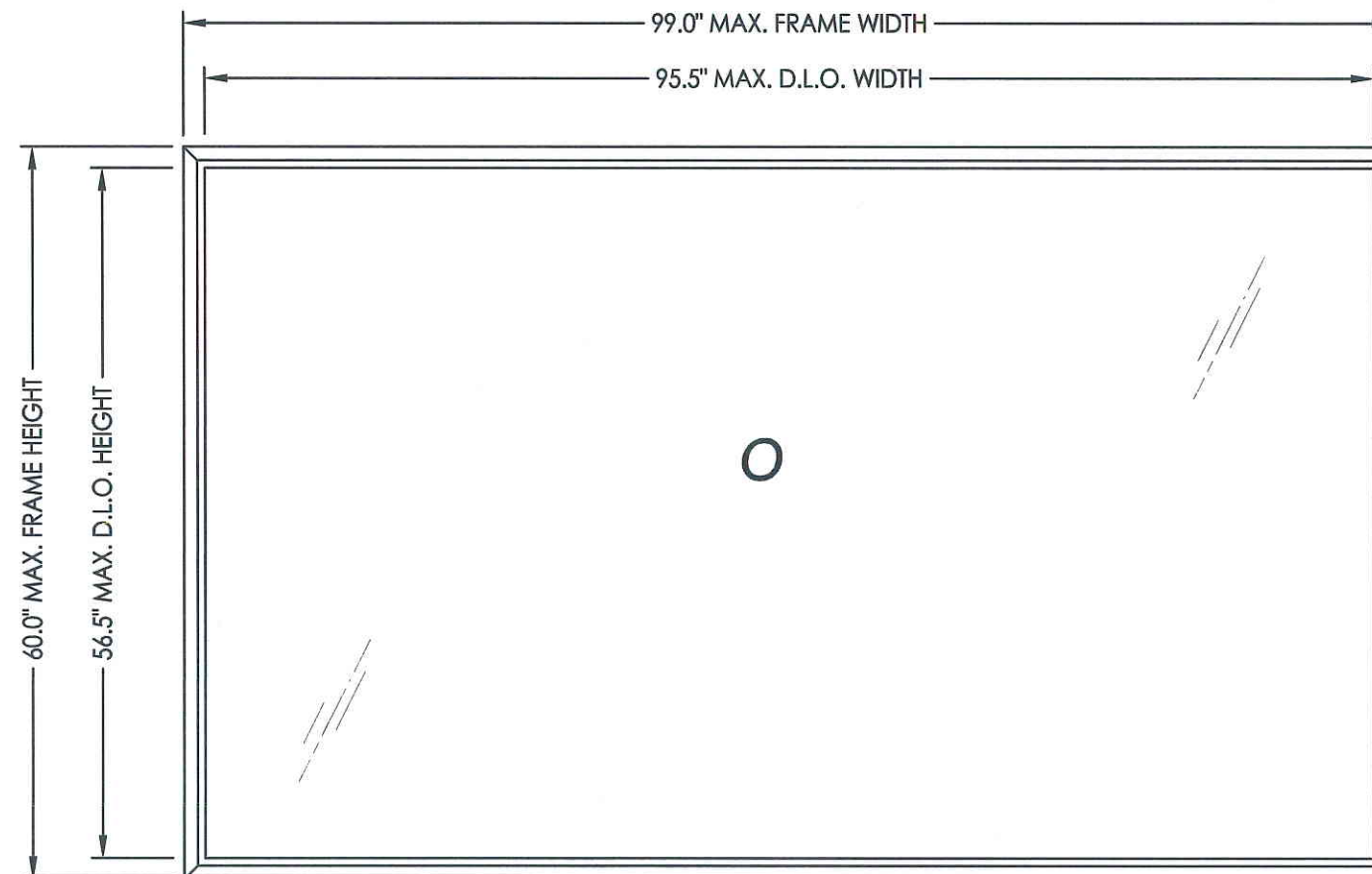
6400 Series EXTRUDED THERMALLY BROKEN FIXED ALUMINUM WINDOW "IMPACT"

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.

TABLE OF CONTENTS

SHEET#	DESCRIPTION
1	Typical elevation, general notes and design pressures
2	Horizontal and vertical cross sections
3	Buck and frame anchoring - 2X buck
4	Frame anchoring - 1X buck / direct to masonry
5	Bill of materials, glazing detail and components



HORIZONTAL ORIENTATION SHOWN
(VERTICAL ORIENTATION ALSO APPROVED)

MAX. O.A. DIMENSION	MAX. D.L.O. DIMENSION	GLASS TYPE	DESIGN PRESSURE (PSF)	
			POSITIVE	NEGATIVE
99.0" X 60.0"	95.5" X 56.5"	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

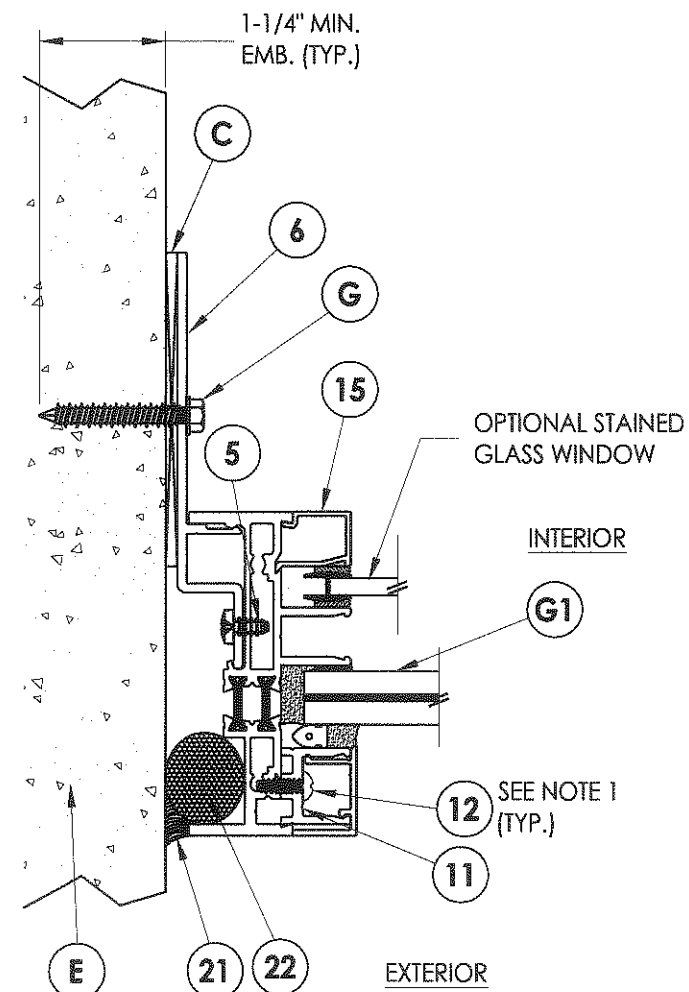
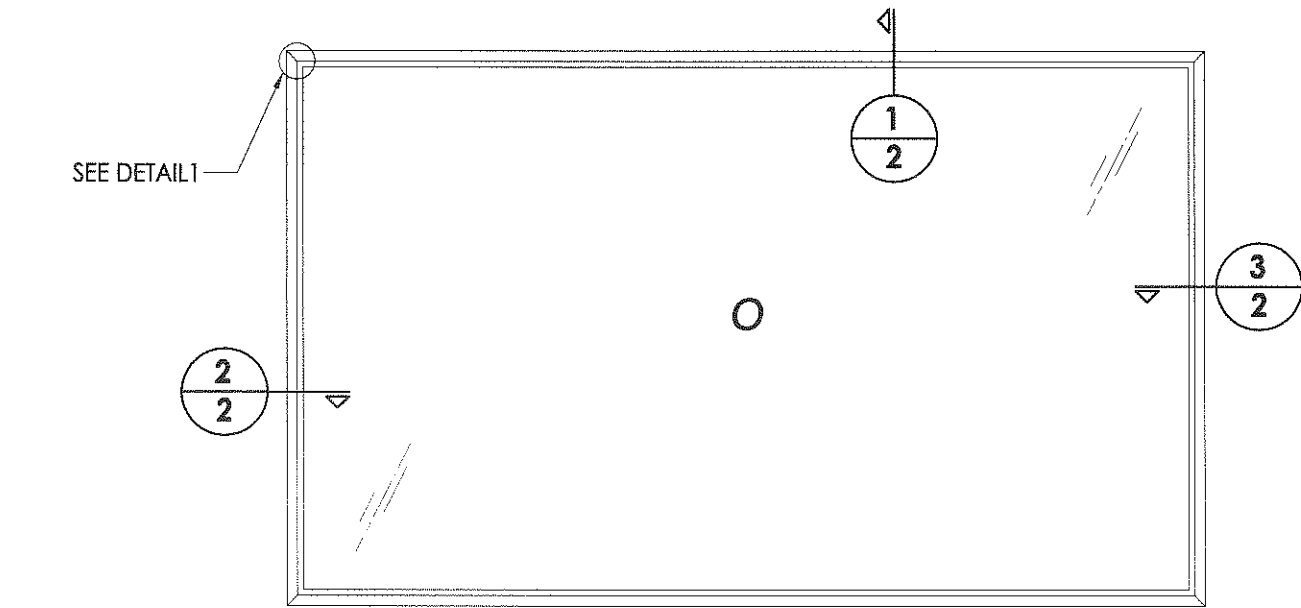
PRODUCT: J. SUSSMAN, INC.
6400 SERIES WINDOW

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

REVISIONS		NO.	DATE	BY

DATE: 10/18/10
SCALE: N.T.S.
DWG. BY: JK
CHK. BY: LFS
DRAWING NO.:
FL-14163.1
SHEET 1 OF 5

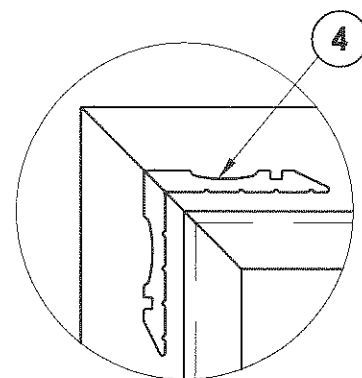
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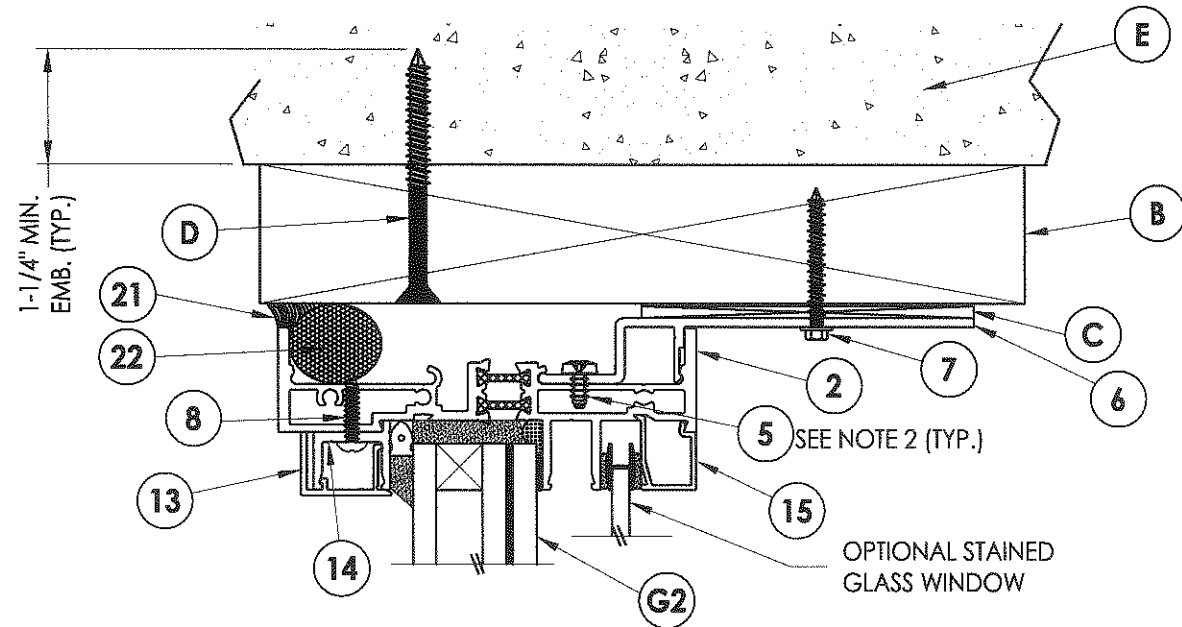
2 HORIZONTAL CROSS SECTION
2 Direct to Masonry
Shown w/ 9/16\" glazing

NOTES:

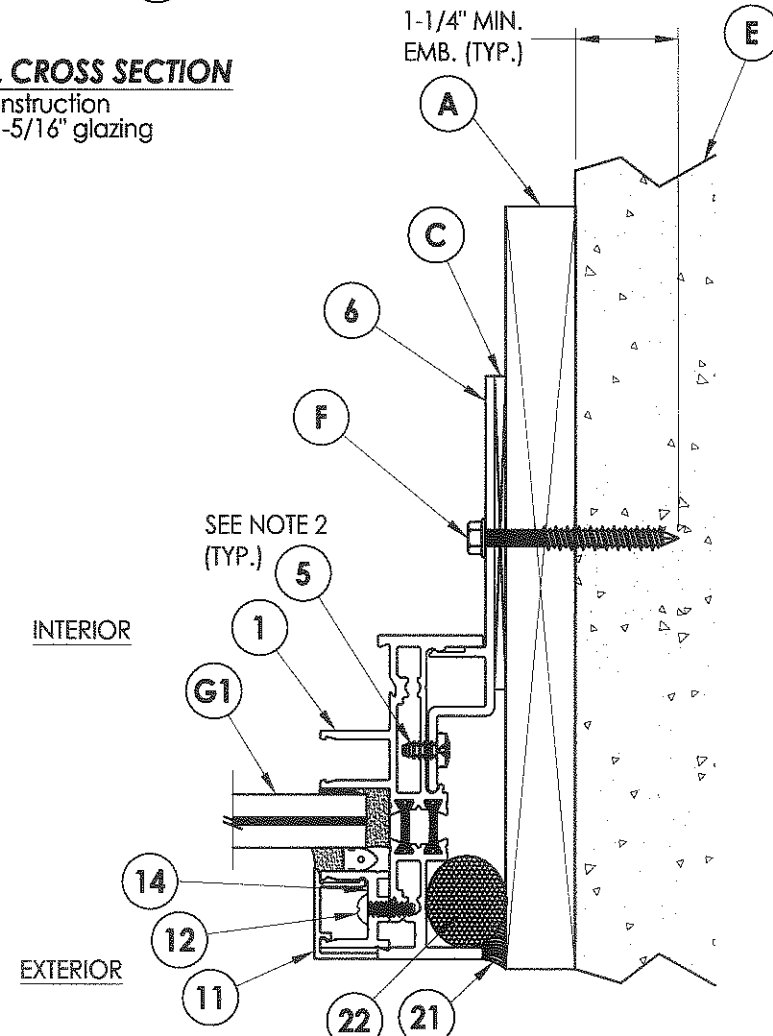
1. Glazing stop secured to frame with item #8 or #12 spaced 12\" O.C. throughout.
2. Anchor strap secured to frame with item #5, one per strap.



DETAIL 1
Corner Construction



1 VERTICAL CROSS SECTION
2 2X Buck Construction
Shown w/ 1-5/16\" glazing



3 HORIZONTAL CROSS SECTION
2 1x Buck Construction
Shown w/ 9/16\" glazing

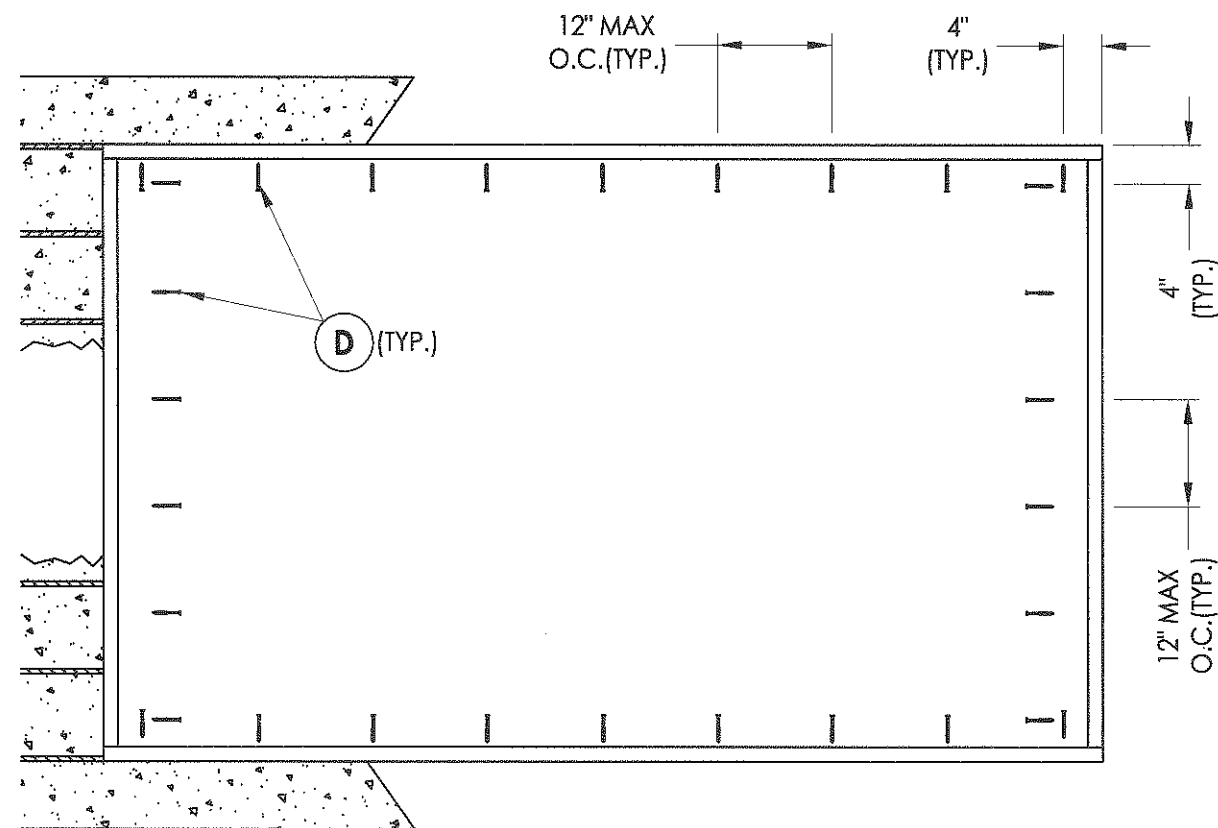
Documents Prepared By:
RW BUILDING CONSULTANTS, INC.
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7/20/11
Lyndon F. Schmidt, P.E. No. 43409

PRODUCT: J. SUSSMAN INC.
6400 SERIES WINDOW

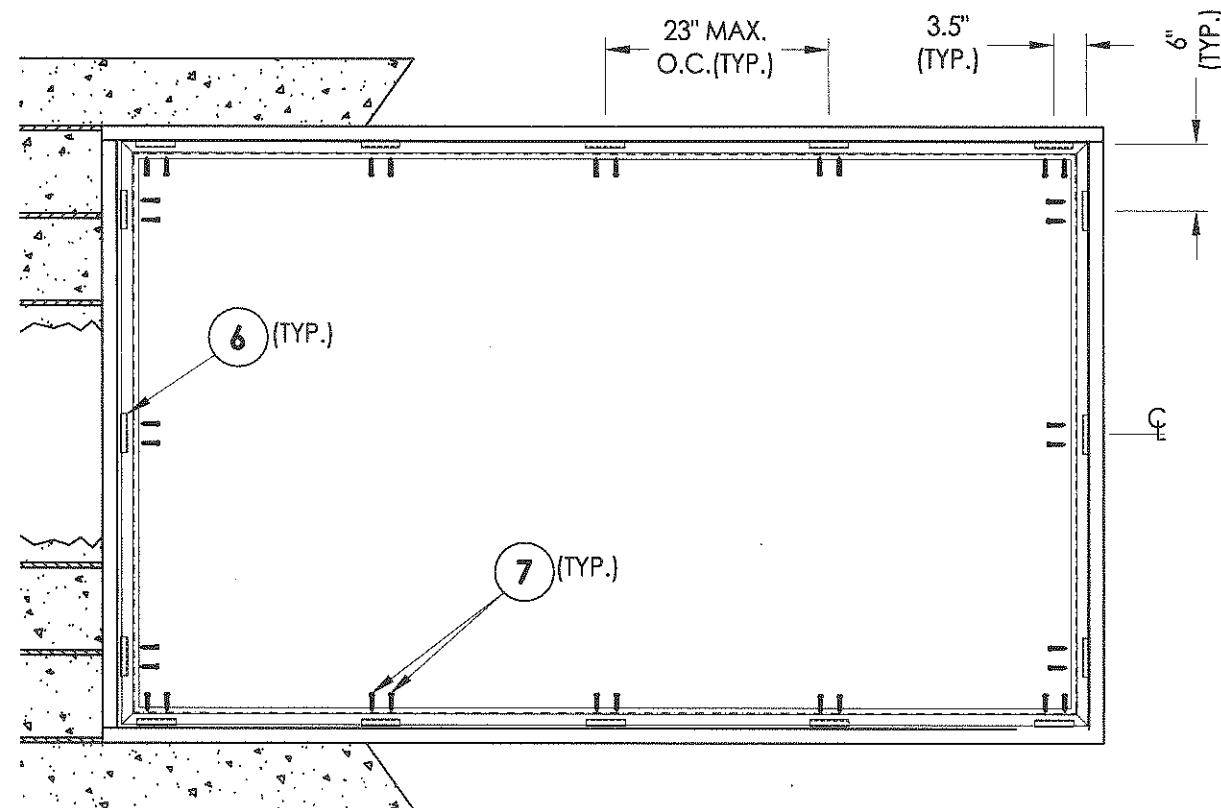
PART OR ASSEMBLY:
HORIZONTAL AND VERTICAL
CROSS SECTIONS

NO.	DATE	REVISIONS	BY

DATE: 10/18/10
SCALE: N.T.S.
DWG. BY: JK
CHK. BY: LFS
DRAWING NO.:
FL-14163.1
SHEET 2 OF 5



BUCK ANCHORING



FRAME ANCHORING
2X Buck

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"

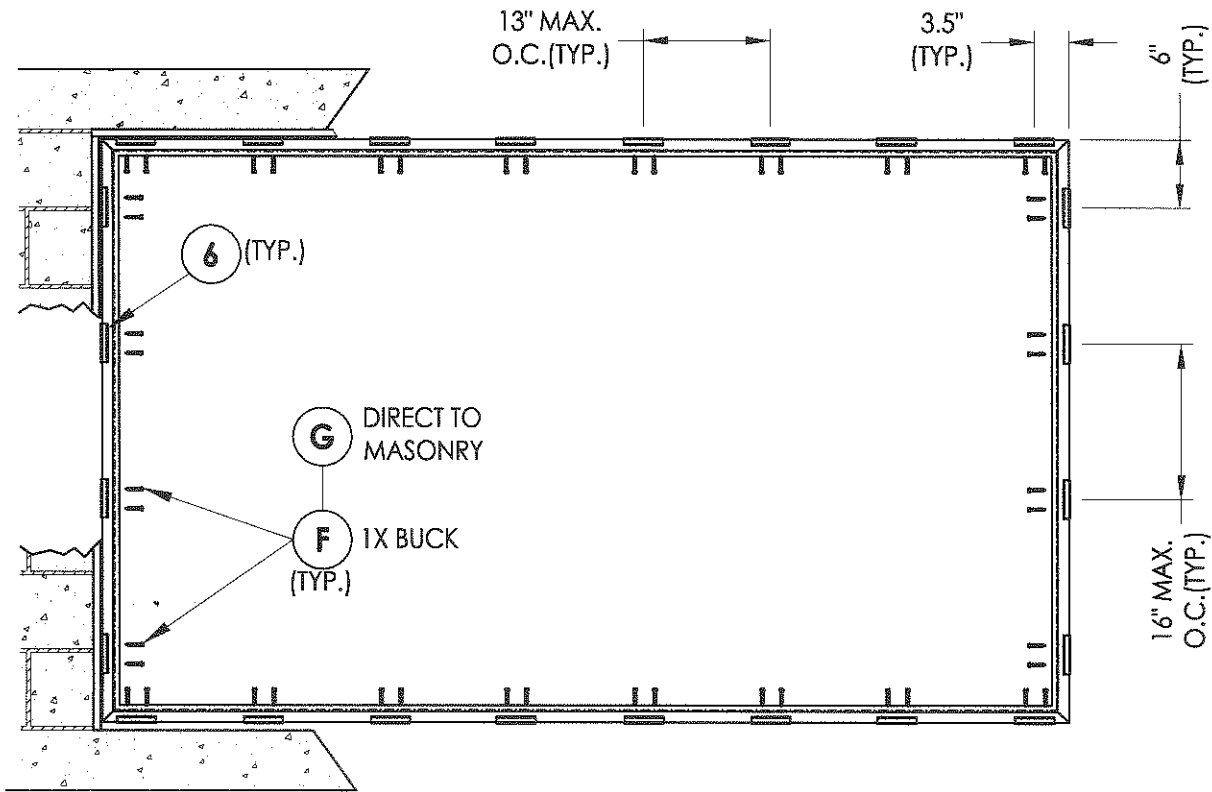
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LF
Lyndon F. Schmidt, P.E. No. 43409

PRODUCT: **J. SUSSMAN INC.**
6400 SERIES WINDOW

PART OR ASSEMBLY:
BUCK AND FRAME ANCHORING—
2X BUCK

NO.	DATE	BY

DATE: 10/18/10
SCALE: N.T.S.
DWG. BY: JK
CHK. BY: LFS
DRAWING NO.:
FL-14163.1
SHEET 3 OF 5



FRAME ANCHORING
1X Buck
Direct to masonry

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	3/16"	1-1/4"	1-1/8"	2"

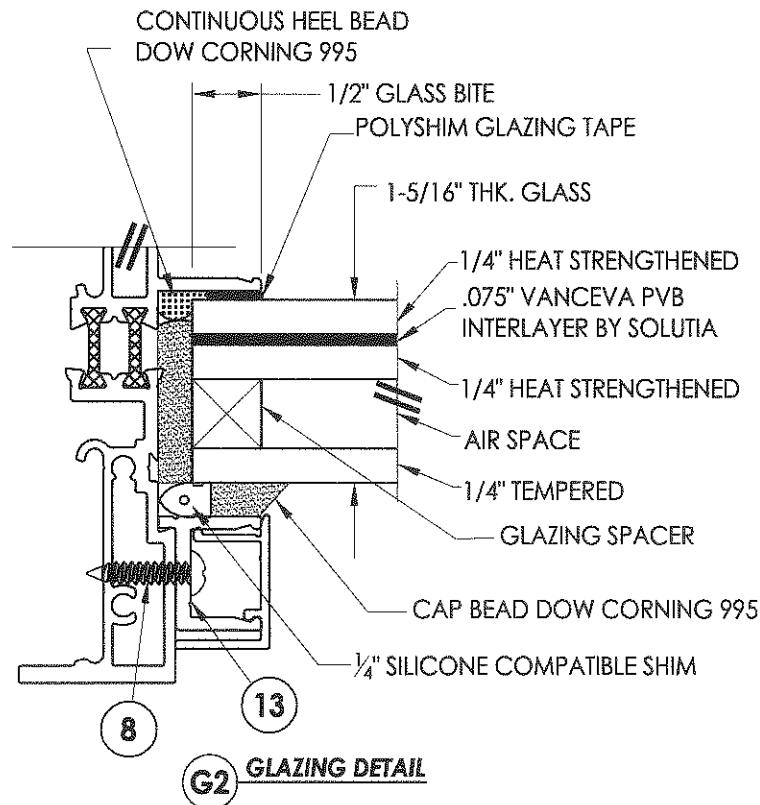
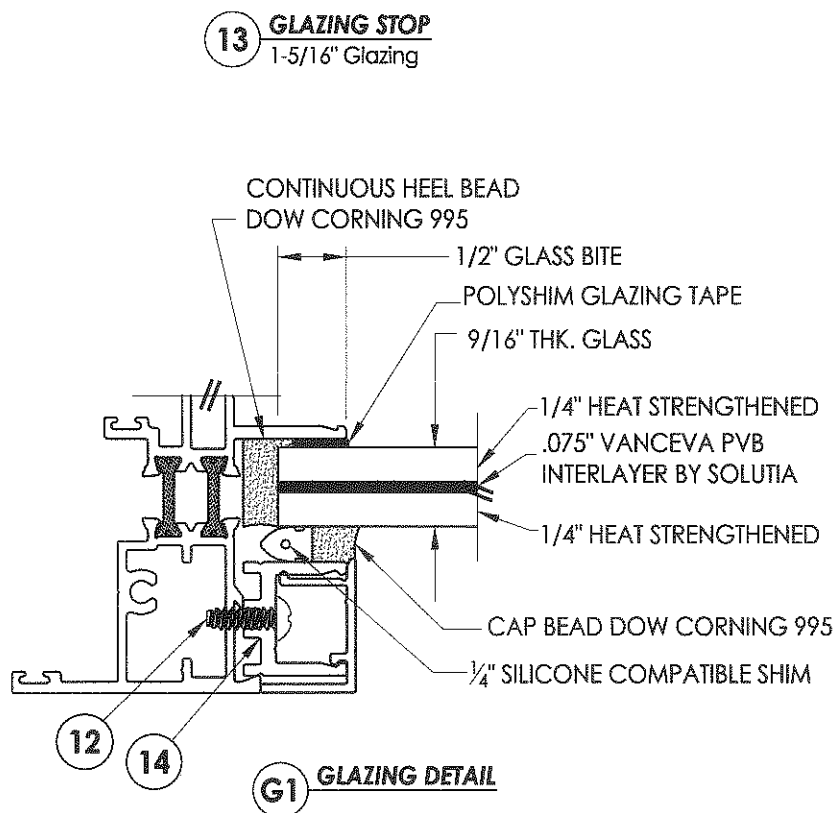
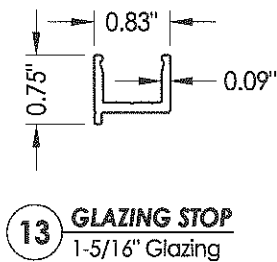
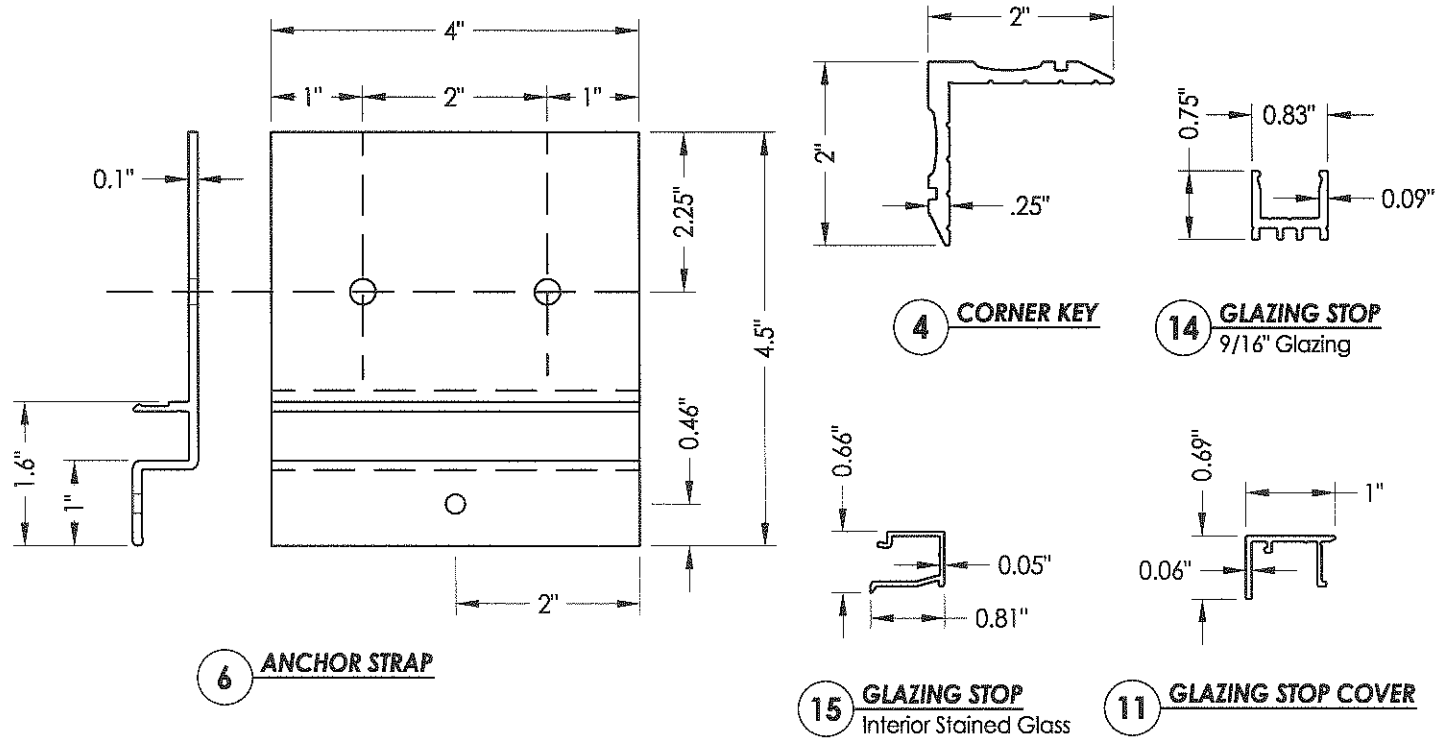
DATE: 10/18/10
SCALE: N.T.S.
DWG. BY: JK
CHK. BY: LFS
DRAWING NO.: FL-14163.1
SHEET 4 OF 5

PRODUCT: J. SUSSMAN INC.
6400 SERIES WINDOW
PART OR ASSEMBLY:
FRAME ANCHORING-
1X BUCK / DIRECT TO MASONRY

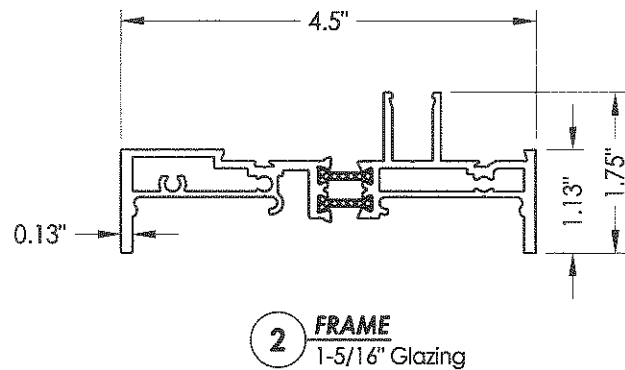
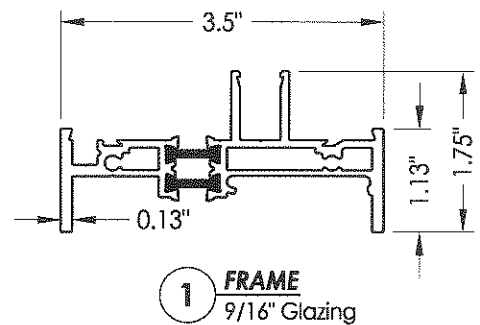
REVISIONS	
NO.	DATE

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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" 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 SMS	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
21	DOW 995	SILICONE
22	BACKING ROD	FOAM



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PRODUCT: J. SUSSMAN INC. 6400 SERIES WINDOW				PART OR ASSEMBLY: BILL OF MATERIALS, GLAZING DETAIL AND COMPONENTS			