

GENERAL NOTES:

1. THIS PRODUCT HAS BEEN TESTED, ANALYZED & APPROVED FOR DESIGN PRESSURES NOT TO EXCEED THOSE SHOWN IN THE "ALLOWABLE DESIGN PRESSURE TABLE(S)".
2. OPENINGS, BUCKING & BUCKING FASTENERS MUST BE PROPERLY DESIGNED & INSTALLED TO TRANSFER WIND LOADS TO THE STRUCTURE.
3. ALL HARDWARE & FASTENERS SHALL BE IN ACCORDANCE WITH THESE DRAWINGS & SHALL NOT VARY UNLESS SPECIFICALLY MENTIONED ON THE DRAWINGS. SPECIFIED ANCHOR EMBED TO BASE MATERIAL SHALL BE BEYOND WALL FINISH OR STUCCO.
4. THIS PRODUCT HAS BEEN DESIGNED IN ACCORDANCE WITH AND MEETS THE REQUIREMENTS OF THE FLORIDA BUILDING CODE (FBC) INCLUDING HIGH VELOCITY HURRICANE ZONES (HVHZ) & IS LARGE MISSILE IMPACT RATED.
5. IMPACT SHUTTERS ARE NOT REQUIRED WITH THIS PRODUCT.
6. ALL ANCHORS SECURING PRODUCT FRAMES TO PRESSURE TREATED BUCKS OR WOOD FRAMING SHALL BE CAPABLE OF RESISTING CORROSION CAUSED BY THE PRESSURE TREATING CHEMICALS IN THE WOOD.
7. DETERMINE THE POSITIVE & NEGATIVE DESIGN LOADS TO USE WHEN REFERENCING THESE DOCUMENTS IN ACCORDANCE WITH THE GOVERNING CODE AND GOVERNING WIND VELOCITY. FOR WIND LOAD CALCULATIONS IN ACCORDANCE WITH THE FLORIDA BUILDING CODE, A DIRECTIONALITY FACTOR OF $K_d = 0.85$ MAY BE APPLIED PER THE ASCE-7 STANDARD.
8. MATERIALS, INCLUDING BUT NOT LIMITED TO STEEL SCREWS, THAT COME INTO CONTACT WITH OTHER DISSIMILAR MATERIALS SHALL MEET THE REQUIREMENTS OF FLORIDA BUILDING CODE.
9. TO THE BEST OF OUR KNOWLEDGE, THE PRODUCT SHOWN HEREIN IS QUALITY ASSURED BY A FLORIDA STATE APPROVED CERTIFICATION/CPA ENTITY & SHALL BE LABELED IN ACCORDANCE WITH THE FBC AND THE FLORIDA DEPARTMENT OF BUSINESS & PROFESSIONAL REGULATION SPECIFICATIONS. THESE DRAWINGS SHOW ALL APPLICABLE ELEVATION, COMBINATION, INSTALLATION & COMPARATIVE ANALYSIS CONDITIONS AS DETERMINED THROUGH TESTING & ENGINEERING RATIONAL ANALYSIS. PRODUCT ASSEMBLY SHALL BE IN ACCORDANCE WITH THESE DRAWINGS, THE MANUFACTURER'S QUALITY ASSURANCE SPECIFICATIONS & TESTING REPORTS.
10. CERTIFICATION OF THIS PRODUCT SHALL BE CONSIDERED VOID IF IT IS INSTALLED WITHOUT A BUILDING PERMIT FROM THE APPLICABLE LOCAL BUILDING DEPARTMENT OR IF IT IS INSTALLED BY ANYONE OTHER THAN A LICENSED CONTRACTOR EXPERIENCED WITH INSTALLATIONS OF THIS TYPE OF PRODUCT.
11. ALL WOOD MEMBERS OF THIS PRODUCT THAT MAY POSSIBLY COME INTO CONTACT WITH MASONRY OR CONCRETE SUBSTRATES, ARE SUBJECT TO MOISTURE &/OR ARE SUBJECT TO THE OUTSIDE ENVIRONMENT SHALL BE OF AN APPROVED DURABLE SPECIES OR BE TREATED IN AN APPROVED METHOD WITH AN APPROVED PRESERVATIVE PER FBC REQUIREMENTS.

EVALUATION OF THIS PRODUCT IS BASED ON APPLICABLE STANDARDS AND/OR INFORMATION & RESULTS FROM APPLICABLE TEST REPORTS. THE FLORIDA BUILDING CODE VERSION CONSIDERED WITH THIS EVALUATION WAS THAT IN FORCE AT THE TIME OF THE EVALUATION. IN THE EVENT OF CODE VERSION CHANGES/UPDATES OR IN THE EVENT THAT NEW OR ADDITIONAL TESTING IS COMPLETED ON THIS PRODUCT, PRIOR TO STATING CODE COMPLIANCE WITH THE STATE, THE MANUFACTURER SHALL CONFIRM WITH THE EVALUATION ENGINEER OF RECORD THAT EVERYTHING SPECIFIED HERE-IN IS CURRENT WITH ALL CURRENT TESTING, CODES AND APPLICABLE STANDARDS.

LOCK REQUIREMENTS

MAX. FRAME HEIGHT	NO. OF LOCK STRIKES
84"	5
60 3/16"	4
48 3/16"	3
32 3/16" & LESS	2

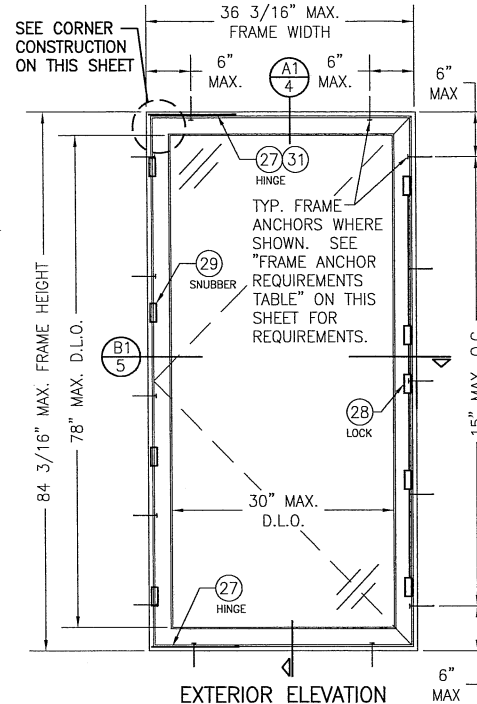
SNUBBER REQUIREMENTS

MAX. FRAME HEIGHT	NO. OF SNUBBERS REQUIRED
84"	5
72 3/16"	4
53 3/16"	3
34 3/16" & LESS	2

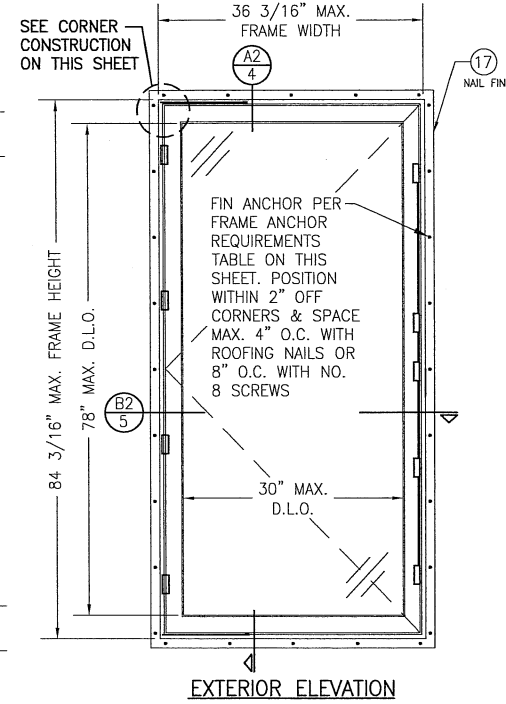
FRAME ANCHOR REQUIREMENTS TABLE

OPENING TYPE (SUBSTRATE)	FRAME/FIN TO OPENING FASTENER TYPE	MINIMUM EMBED	MINIMUM EDGE DIST.
FRAME SCREWS			
MIN. 2X4 WOOD FRAME OR BUCK (MIN. GR. 3 & G=0.55)	NO. 10 SMS OR WOOD SCREW	1 1/4"	3/4"
MIN. 18 GA. 33 KSI METAL STUD	NO. 10 GR. 5 SELF TAP/DRILL SCREW	FULL	1/2"
MIN. 1/8" THK A36 STEEL	NO. 10 GR. 5 SELF TAP/DRILL SCREW	FULL	1/2"
MIN. 1/8" THK 6063-T5 ALUM.	NO. 10 GR. 5 SELF TAP/DRILL SCREW	FULL	1/2"
C-90 CMU/2500 PSI CONCRETE	(1) 1/4" CONCRETE SCREW	1 1/4"	2"
(2) NAILING FIN FASTENERS			
MIN. 2X4 WOOD FRAME OR BUCK (MIN. GR. 3 & G=0.55)	NO. 8 SMS SCREW	1 1/8"	1/2"
MIN. 2X4 WOOD FRAME OR BUCK (MIN. GR. 3 & G=0.55)	11 GA. ROOFING NAIL	1 3/4"	1/2"
MIN. 1/8" THK A36 STEEL	NO. 8 GR. 5 SELF TAP/DRILL SCREW	FULL	1/2"
MIN. 1/8" THK 6063-T5 ALUM.	NO. 8 GR. 5 SELF TAP/DRILL SCREW	FULL	1/2"

- (1) CONCRETE SCREWS SHALL BE ELCO ULTRACONS (C.S.), ELCO CRETE-FLEX (S.S.), ITW RAMSET/RED HEAD TAPCONS (C.S. OR S.S.) OR HILTI KWIK-CON II (C.S. OR S.S.).
- (2) NAIL FIN SCREWS SHALL BE A PAN HEAD OR HEX HEAD SCREW OR HAVE A FLAT WASHER AT THE SCREW HEAD.



**EXTERIOR ELEVATION
SINGLE WINDOW
(FRAME SCREW MOUNT)**
SCALE: 3/4"=1'-0"



**EXTERIOR ELEVATION
SINGLE WINDOW
(FIN MOUNT)**
SCALE: 3/4"=1'-0"

FOR INFORMATION NOT SHOWN, SEE FRAME SCREW MOUNTED SINGLE WINDOW ELEVATION

CORNER CONSTRUCTION:

- WOOD FRAME:** SQUARE CUT, RABBETED, SILICONE SEALED & SECURED WITH THREE (3) 16 GA. X 1/2" X 2" CROWN STAPLES.
- FRAME CLAD:** MITER CUT, JOINED WITH A CORNER KEY & TWO (2) NO. 7 X 1/2" SCREWS & SEALED WITH A FOAM GASKET.
- WOOD SASH:** MORTISE & TENON CONSTRUCTION AND SECURED WITH TWO (2) 14 GA. X 2 1/2" T-NAILS.
- SASH CLAD:** SQUARE CUT, BUTTED TOGETHER AND SNAP FIT TO SASH AND SEALED WITH SILICONE.

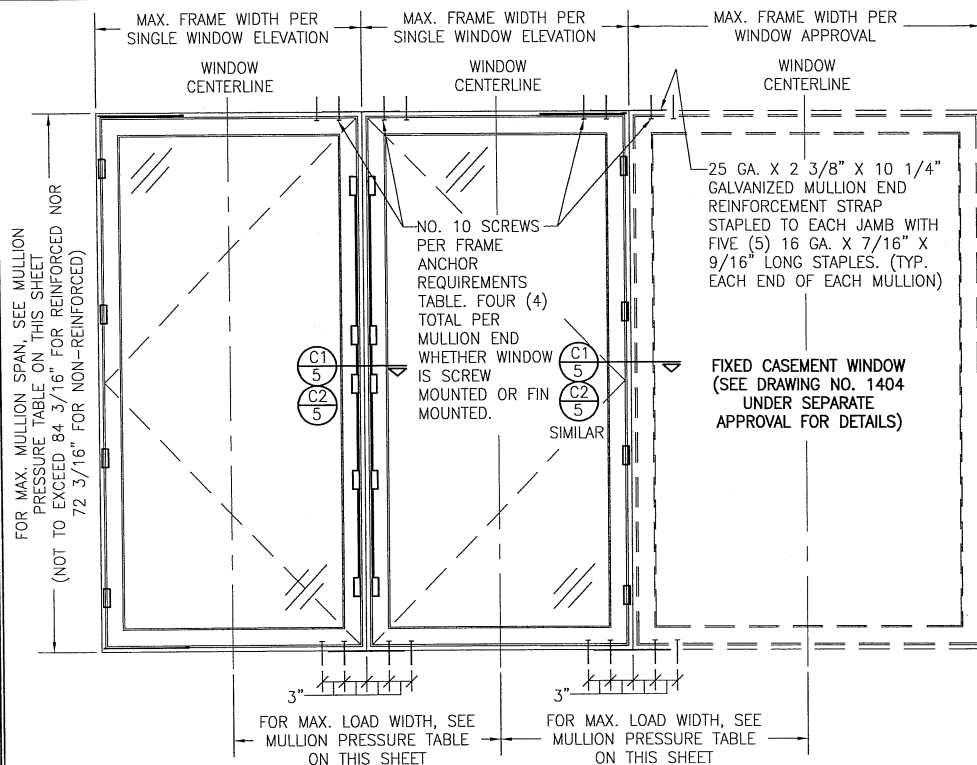
ALLOWABLE DESIGN PRESSURE (SINGLE WINDOWS)

GLASS OPTION	MAXIMUM FRAME WIDTH (IN.)	MAXIMUM FRAME HEIGHT (IN.)	ALLOWABLE PRESSURE	
			POSITIVE (PSF)	NEGATIVE (PSF)
1 & 5	36 3/16	72 3/16	65	70
2 & 3	36 3/16	60 3/16	65	85
4 & 6	36 3/16	84 3/16"	65	70

SEE GLAZING DETAILS FOR GLASS OPTIONS

NOTE: WINDOW SIZE VS. DESIGN PRESSURE CONDITIONS OUTSIDE OF THAT SPECIFIED HERE-IN SHALL BE JOB SPECIFIC REVIEWED AND CERTIFIED BY A FLORIDA P.E.

DRAWN BY: S.T.R.		CHECKED BY: W.S.S.	
PLOT: 1=16		DATE: 7/21/05	
DATE	BY	REVISION DESCRIPTION	NO.
06/29/11	WRS	CHANGE MANUFACTURER NAME	B1
10/04/11	WRS	UPDATE CONSULTANT ADDRESS	C1
12/18/14	WRS	UPDATE TO CURRENT STANDARDS	D1
07/19/18	WRS	CHANGE TO STATE APPROVAL	E1
09/19/17	WRS	UPDATE TO NEW TESTING	F1
SIERRA PACIFIC WINDOWS 575 S. WHELEN AVE. MEDFORD, WI 54451 800-433-4873			
W. W. SCHAEFER ENGINEERING & CONSULTING, P.A. (CA 6809) 1403 S. W. SCHAEFER P.E. PALM BEACH GARDENS, FL 33418 PHONE: 561-744-3424			
DRAWING TITLE: FEEL SAFE ALUMINUM CLAD WOOD IMPACT OPERABLE CASEMENT WINDOW MANUFACTURER:			
DRAWING NO.: 1403 REV: F SHEET NO.: 1 OF 7			



**EXTERIOR ELEVATION
MULTIPLE SIDE-BY-SIDE VENT/FIXED WINDOWS**

SCALE: 3/4"=1'-0"
(FOR INDIVIDUAL WINDOW INSTALLATION & DETAILS, SEE SINGLE WINDOW ELEVATIONS)
(TRIPLE WINDOW SHOWN. MORE THAN 3 WINDOWS MAY BE COMBINED
HORIZONTALLY IN ONE OPENING IN ANY COMBINATION OF FIXED & OPERABLE)
NOTE: FOR FIXED TO FIXED, SEE DRAWING 1404 UNDER SEPARATE APPROVAL

MULLION ALLOWABLE DESIGN PRESSURE (NON-REINFORCED MULLION)					
MAXIMUM MULLION SPAN (IN.)	MAXIMUM LOAD WIDTH (IN.)	ALLOWABLE PRESSURE (PSF)			
		VENT/VENT		VENT/FIXED	
		(+)	(-)	(+)	(-)
72 3/16	54	N/A	N/A	65	70
	36	65	70	65	70
60 3/16	54	N/A	N/A	65	85
	36	65	85	65	85

NOTES:

1. SEE ELEVATION FOR DIMENSIONING OF LOAD WIDTH.
2. ALLOWABLE UNIT PRESSURE SHALL BE THE LESSER OF THE PRESSURE SHOWN IN THIS TABLE & THAT SPECIFIED FOR THE INDIVIDUAL WINDOW.
3. "N/A" DESIGNATES A SIZE NOT APPLICABLE TO THAT CONDITION.
4. SIZE VALUES IN TABLE ARE +/-1/4"

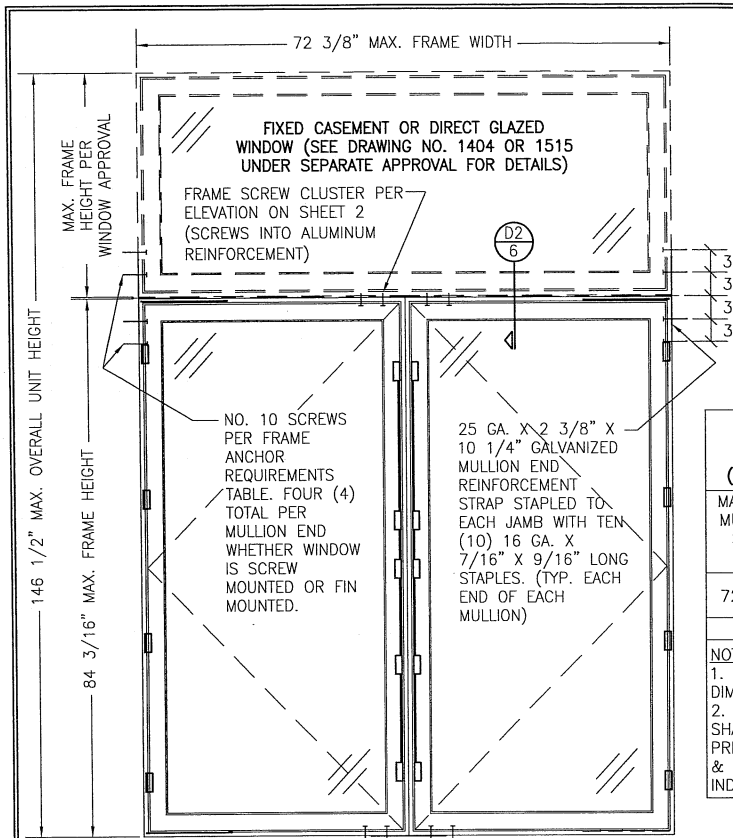
MULLION ALLOWABLE DESIGN PRESSURE (REINFORCED MULLION)					
MAXIMUM MULLION SPAN (IN.)	MAXIMUM LOAD WIDTH (IN.)	ALLOWABLE PRESSURE (PSF)			
		VENT/VENT		VENT/FIXED	
		(+)	(-)	(+)	(-)
84 3/16	54	N/A	N/A	53.0	57.0
	48	N/A	N/A	59.6	64.2
	44	N/A	N/A	65.0	70.0
	36	65.0	70.0	65.0	70.0
78 3/16	54	N/A	N/A	60.0	64.6
	49	N/A	N/A	65.0	70.0
72 3/16	36	65.0	70.0	65.0	70.0
60 3/16	54	N/A	N/A	65.0	85.0
	36	65.0	85.0	65.0	85.0

NOTES:

1. SEE ELEVATION FOR DIMENSIONING OF LOAD WIDTH.
2. ALLOWABLE UNIT PRESSURE SHALL BE THE LESSER OF THE PRESSURE SHOWN IN THIS TABLE & THAT SPECIFIED FOR THE INDIVIDUAL WINDOW.
3. "N/A" DESIGNATES A SIZE NOT APPLICABLE TO THAT CONDITION.
4. SIZE VALUES IN TABLE ARE +/-1/2"

NOTE: MULLION CONDITIONS OUTSIDE OF THAT SPECIFIED HERE-IN SHALL BE JOB SPECIFIC REVIEWED AND CERTIFIED BY A FLORIDA P.E.

DRAWN BY: S.T.R.		CHECKED BY: W.W.S.	
PLT: 1=16		DATE: 7/21/05	
DATE	BY	REVISION DESCRIPTION	NO.
SIERRA PACIFIC WINDOWS 575 S. WHELEN AVE. MEDFORD, WI 54451 800-433-4873			
W. W. SCHAEFER ENGINEERING & CONSULTING, P.A. (CA 6809) 7480 150TH COURT NORTH PALM BEACH GARDENS, FL 33418 PHONE: 561-744-3424			
DRAWING TITLE: FEEL SAFE ALUMINUM CLAD WOOD IMPACT OPERABLE CASEMENT WINDOW			
CONSULTANTS: W. W. SCHAEFER LICENSE No. 44135 STATE OF FLORIDA OCT 16 2017			
DRAWING NO. 1403 REV. F SHEET NO. 2 OF 7			



**EXTERIOR ELEVATION
TWIN WINDOW WITH TRANSOM**

SCALE: 3/4"=1'-0"

ELEVATION NOTES:

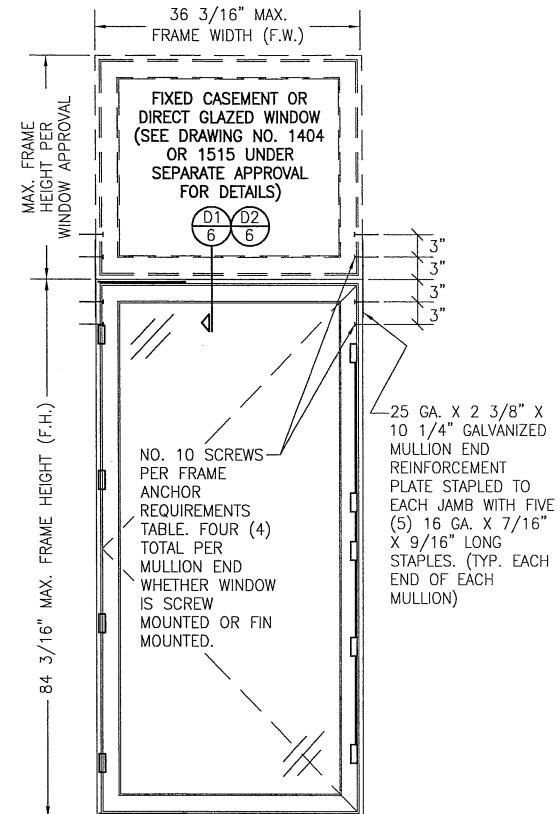
1. FOR INDIVIDUAL WINDOW INSTALLATION & DETAILS, SEE SINGLE WINDOW ELEVATIONS.
2. TWIN WINDOWS ARE SHOWN AS "XX". "XO" WINDOW ALSO APPLIES WITH "O" WINDOW BEING A FIXED CASEMENT WINDOW UNDER SEPARATE APPROVAL DRAWING NO. 1404.
3. TWIN WINDOW VERTICAL MULLION CONDITIONS SHALL BE AS REQUIRED ON SHEET 2 EXCEPT THERE IS NO 25 GAGE STRAP REQUIRED AT THE HEAD.

**ALLOWABLE DESIGN
PRESSURE
(TWIN WINDOW WITH TRANSOM)**

MAXIMUM MULLION SPAN (IN.)	OVERALL UNIT HEIGHT (IN.)	ALLOWABLE PRESSURE (PSF)	
		POS.	NEG.
72 3/8	146.5	65.0	70.0
	120.5	65.0	85.0
66	132.5	65.0	85.0

NOTES:

1. SEE ELEVATION FOR DIMENSIONING OF LOAD WIDTH.
2. ALLOWABLE UNIT PRESSURE SHALL BE THE LESSER OF THE PRESSURE SHOWN IN THIS TABLE & THAT SPECIFIED FOR THE INDIVIDUAL WINDOWS.



**EXTERIOR ELEVATION
SINGLE WINDOW WITH TRANSOM**

SCALE: 3/4"=1'-0"

(FOR INDIVIDUAL WINDOW INSTALLATION & DETAILS, SEE SINGLE WINDOW ELEVATIONS)
FOR INFORMATION NOT SHOWN, SEE SINGLE WINDOW ELEVATIONS ON SHEET 1

**ALLOWABLE DESIGN PRESSURE
(SINGLE WINDOW WITH TRANSOM)**

AS CONTROLLED BY THE INDIVIDUAL
WINDOW ALLOWABLE PRESSURES

DRAWN BY: S.T.R.	CHECKED BY: W.W.S.
PLT: 1=15	DATE: 7/21/05
DATE	
BY	
REVISION DESCRIPTION	
NO.	

FEEL SAFE ALUMINUM CLAD WOOD IMPACT OPERABLE CASEMENT WINDOW	SIERRA PACIFIC WINDOWS 575 S. WHELEN AVE. MEDFORD, WI 54451 800-433-4873
CONSULTANTS W. W. SCHAEFER ENGINEERING & CONSULTING, P.A. (CA 6809) 2480 150TH COURT NORTH PALM BEACH GARDENS, FL 33418 PHONE: 561-744-3424	MANUFACTURER

WARREN W. SCHAEFER
LICENSE NO. 44135
STATE OF FLORIDA
CERTIFICATION
OCT 16 2017
WARREN W. SCHAEFER P.E.
P.E. NO. 44135

DRAWING NO. 1403	REV. F
SHEET NO. 3	OF 7

SEE GLASS OPTIONS
1, 2, 3 & 4 BELOW

SEE 2-PIECE
DETAIL BELOW
FOR INFORMATION
NOT SHOWN

1" BRAD NAILS 2"
FROM CORNERS &
8" TO 10" O.C.

(19) (20)

NON-I.G. GLAZING DETAIL WITH 1-PIECE GLAZING BEAD

SEE GLASS OPTIONS
1, 2, 3 & 4 BELOW

TREMCO S900
SILICONE AT EXTERIOR
& GLASS EDGE

1/16" SHIM AS
REQUIRED

1/8" THICK SHIMS
AS REQUIRED

1" BRAD NAILS 2"
FROM CORNERS &
8" TO 10" O.C.

9/16" MIN. BITE

(12) (10) (11) (14) (15)

NON-I.G. GLAZING DETAIL WITH 2-PIECE GLAZING BEAD

OPTION 1: 3/8" LAMINATED GLASS (5/32" AN/0.09
EASTMAN CHEM. CO. SAFLEX/5/32" AN)

OPTION 2: 9/16" LAMINATED GLASS (1/4" AN/0.075
OLDCASTLE STORM GLASS/1/4" AN)

OPTION 3: 9/16" LAMINATED GLASS (1/4" AN/0.09
EASTMAN CHEM. CO. SAFLEX/1/4" AN)

OPTION 4: 15/32" LAMINATED GLASS (3/16" AN/0.09
EASTMAN CHEM. CO. SAFLEX/3/16" AN)

SEE GLASS OPTION
5 & 6 BELOW

TREMCO S900 SILICONE AT
EXTERIOR & GLASS EDGE

9/16" MIN. BITE

1/16" SHIM AS REQUIRED

1/8" THICK SHIMS
AS REQUIRED

1" BRAD NAILS 2"
FROM CORNERS &
8" TO 10" O.C.

(25) (21) (10) (14) (15)

TYPICAL I.G. GLAZING DETAIL

OPTION 5: 7/8" LAMINATED I.G. (1/8" AN/0.09" EASTMAN
CHEM. CO. SAFLEX/1/8" AN. EXTERIOR; 7/16" SPACER;
1/8" TEMP. INTERIOR)

OPTION 6: 1 1/32" LAMINATED I.G. (5/32" AN/0.09"
EASTMAN CHEM. CO. SAFLEX/5/32" AN. EXTERIOR; 7/16"
SPACER; 5/32" TEMP. INTERIOR)

SUBSTRATE BY OTHERS
PER "FRAME ANCHOR
REQUIREMENTS TABLE"

FRAME ANCHOR
PER ELEVATION

1/4" MAX.
SHIM AT
EACH ANCHOR

(46) (45) (3) (4) (1) (10) (35) (36) (14)

SEALANT BY
OTHERS

SEE GLAZING
DETAIL ON
THIS SHEET

EXTERIOR

SEALANT BY
OTHERS

1/4" MAX.
SHIM AT
EACH ANCHOR

FRAME ANCHOR
PER
ELEVATION

35 DEG.
MAX.

(14) (36) (13) (35) (10) (9) (41) (7) (30) (41) (3) (8) (44) (1) (46) (41)

SECTION

SCALE: 1/2 FULL

(A1)
4

SUBSTRATE BY OTHERS
PER "FRAME ANCHOR
REQUIREMENTS TABLE"

FIN FASTENERS
PER ELEVATION

3/8" MAX.
SPACE

(17) (47) (13) (1)

CONTINUOUS
SEALANT
BEHIND FIN
BY OTHERS

SEALANT BY
OTHERS

EXTERIOR

SEALANT BY
OTHERS

CONTINUOUS
SEALANT
BEHIND FIN
BY OTHERS

3/8" MAX.
SHIM AT
CORNERS &
MID SPAN OF
SILL

FIN FASTENERS
PER ELEVATION

(13) (47) (17) (1)

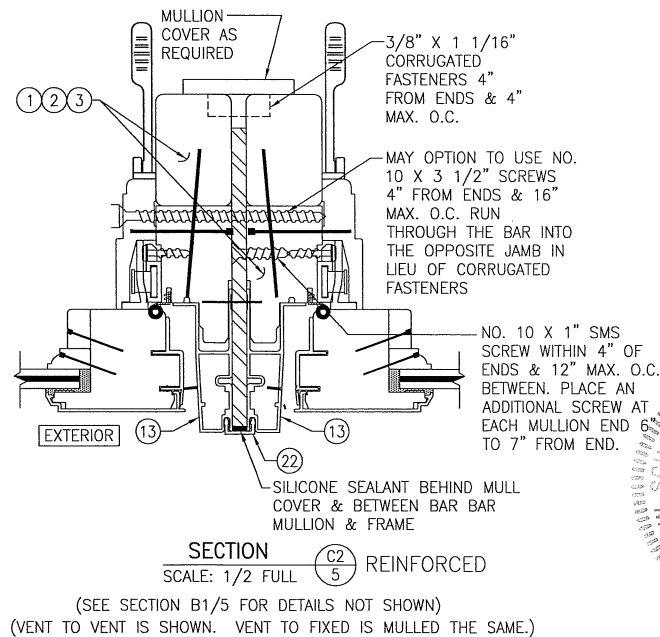
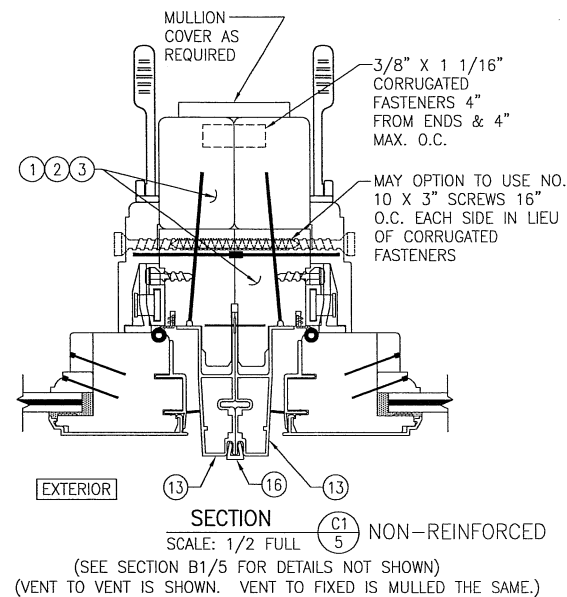
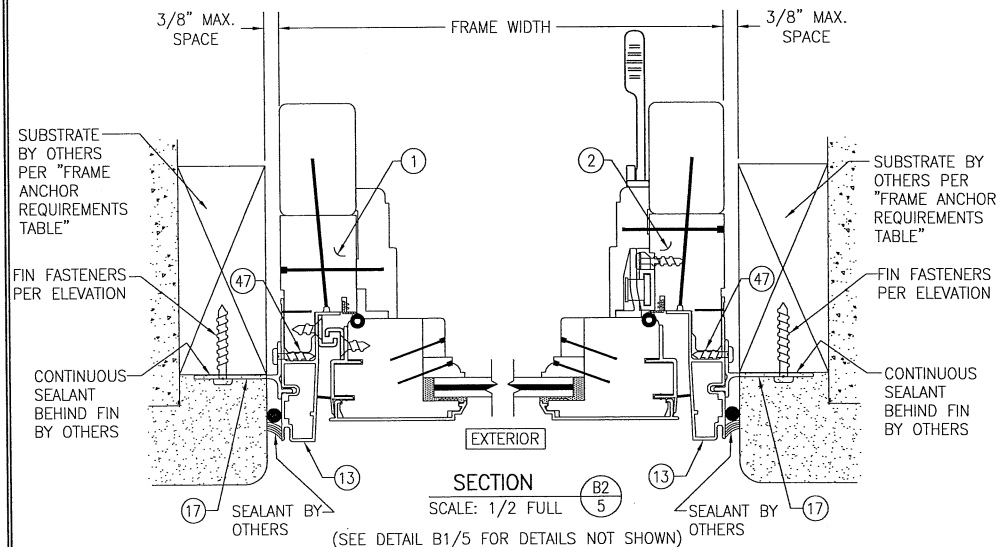
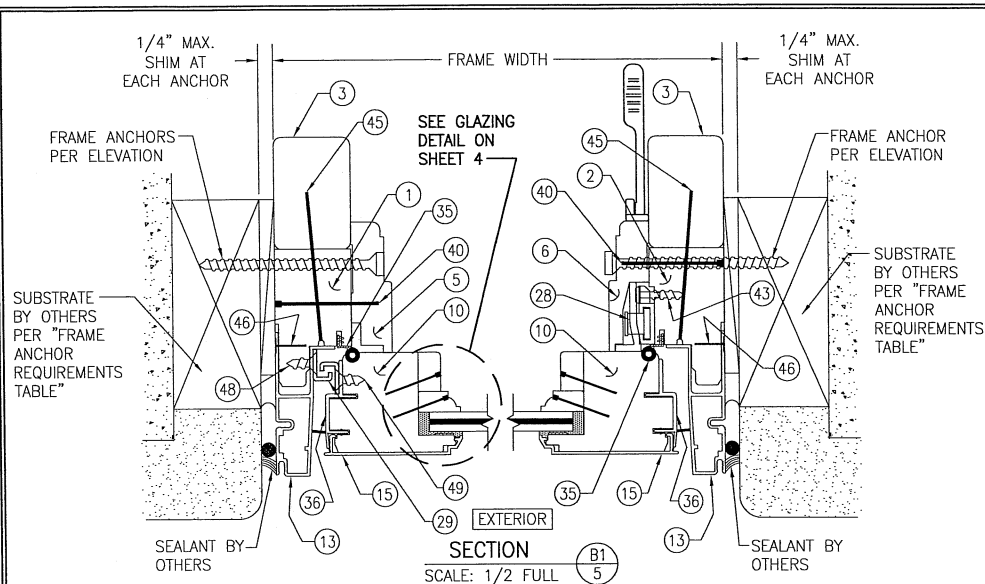
SECTION

SCALE: 1/2 FULL

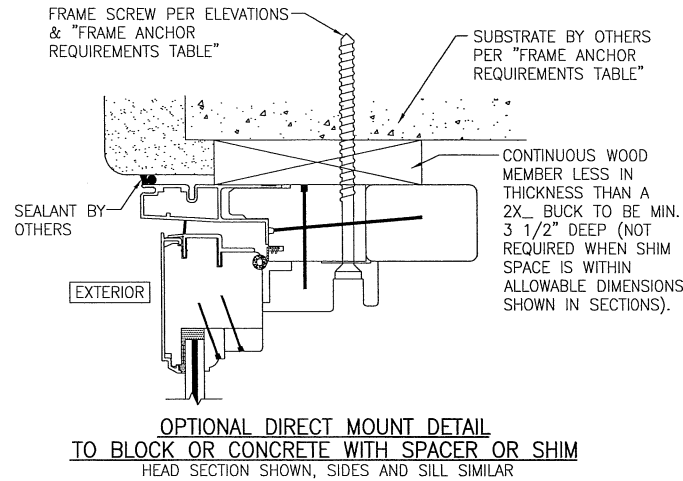
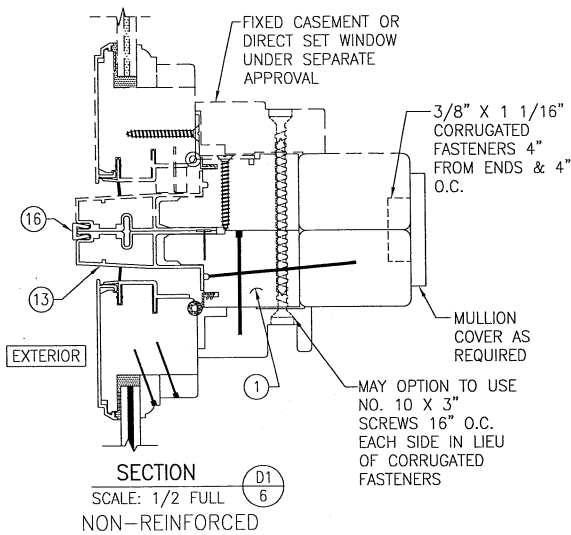
(A2)
4

(SEE SECTION A1/? FOR DETAILS NOT SHOWN)

DRAWING BY: S.T.R.		CHECKED BY: W.W.S.	
PLT: 1-2		DATE: 7/21/85	
DATE	BY	REVISION	DESCRIPTION
		NO.	
DRAWING TITLE: FEEL SAFE ALUMINUM CLAD WOOD IMPACT OPERABLE CASEMENT WINDOW MANUFACTURER: SIERRA PACIFIC WINDOWS 575 S. WHELEN AVE. MEDFORD, WI 54451 800-433-4873 CONSULTANTS: W. W. SCHAEFER ENGINEERING & CONSULTING, P.A. (CA 6809) 7480 150TH COURT NORTH PALM BEACH GARDENS, FL 33418 PHONE: 561-744-3424			
CERTIFICATION: WARREN W. SCHAEFER, P.E. No. 44135 OCT 16 2017 PROFESSIONAL SEAL			
DRAWING NO. 1403		REV. F	
SHEET NO. 4		OF 7	

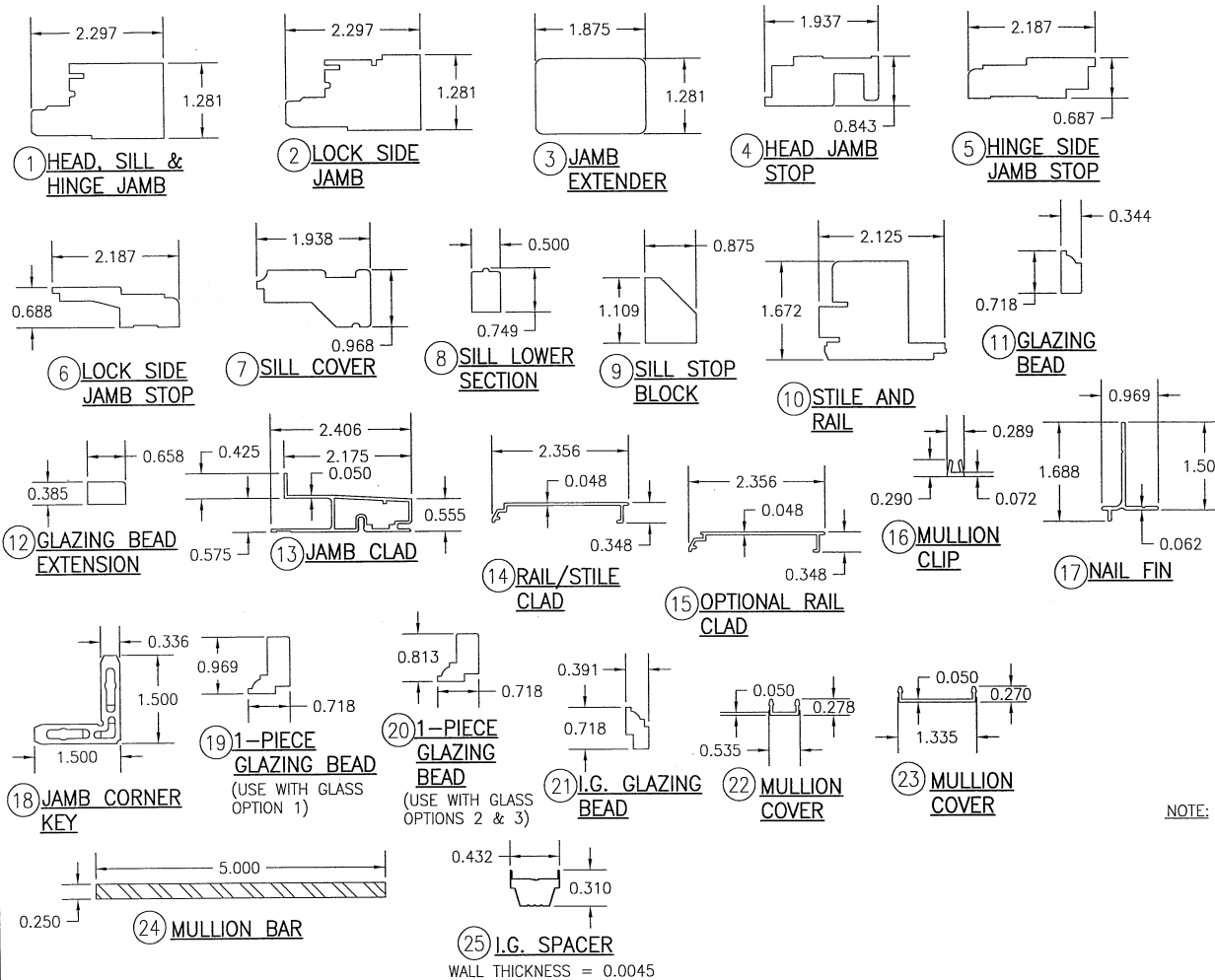


DRAWN BY:	S.T.R.	CHECKED BY:	W.W.S.
PLT:	1-2	DATE:	7/21/05
DATE:		BY:	
REVISION DESCRIPTION:		NO.	
DRAWING TITLE: FEEL SAFE ALUMINUM CLAD WOOD IMPACT OPERABLE CASEMENT WINDOW			
MANUFACTURER: SIERRA PACIFIC WINDOWS			
575 S. WHELEN AVE.			
MEDFORD, WI 534431			
800-433-4873			
CONSULTANTS: W. W. SCHAEFER ENGINEERING & CONSULTING, P.A. (CA 6809)			
7480 150TH COURT NORTH			
PALM BEACH GARDENS, FL 33418			
PHONE: 561-744-3424			
CERTIFICATION: OCT 16 2017			
DRAWING NO. 1403			
REV. F			
SHEET NO. 5 OF 7			



**OPTIONAL DIRECT MOUNT DETAIL
TO BLOCK OR CONCRETE WITH SPACER OR SHIM**
HEAD SECTION SHOWN, SIDES AND SILL SIMILAR

DRAWN BY: S.T.R.		CHECKED BY: W.W.S.	
PLOT: 1=2		DATE: 7/21/05	
NO.	REVISION	DESCRIPTION	DATE
1			
DRAWING TITLE FEEL SAFE ALUMINUM CLAD WOOD IMPACT OPERABLE CASEMENT WINDOW			
CONSULTANTS W. W. SCHAEFER ENGINEERING & CONSULTING, P.A. (CA 6809)		MANUFACTURER SIERRA PACIFIC WINDOWS 575 S. WHELEN AVE. MEDFORD, WI 54451 800-433-4873	
7480 150TH COURT NORTH, 33418 PALM BEACH GARDENS, FL 33418 PHONE: 561-744-3424			
WARREN W. SCHAEFER LICENSE No. 44135 STATE OF FLORIDA CERTIFICATION OCT 16 2017		WARREN W. SCHAEFER, P.E. P.E. NO. 44135	
DRAWING NO. 1403		REV. F	
SHEET NO. 6		OF 7	



ITEM #	ITEM DESCRIPTION	MANUFACTURER/NOTES
PARTS		
1	HEAD, SILL, & HINGE JAMB	* PONDEROSA/SUGAR PINE
2	LOCK SIDE JAMB	* PONDEROSA/SUGAR PINE
3	JAMB EXTENDER	* PONDEROSA/SUGAR PINE
4	HEAD JAMB STOP	* PONDEROSA/SUGAR PINE
5	HINGE SIDE JAMB STOP	* PONDEROSA/SUGAR PINE
6	LOCK SIDE JAMB STOP	* PONDEROSA/SUGAR PINE
7	SILL COVER	* PONDEROSA/SUGAR PINE
8	SILL LOWER SECTION	* PONDEROSA/SUGAR PINE
9	SILL STOP BLOCK	* PONDEROSA/SUGAR PINE
10	STILE AND RAIL	* PONDEROSA/SUGAR PINE
11	GLAZING BEAD	* PONDEROSA/SUGAR PINE
12	GLAZING BEAD EXTENSION	* PONDEROSA/SUGAR PINE
13	JAMB CLAD	6063-T6 ALUMINUM
14	RAIL/STILE CLAD	6063-T5 ALUMINUM
15	OPTIONAL RAIL CLAD	6063-T5 ALUMINUM
16	MULLION CLIP	6060-T5 ALUMINUM
17	NAIL FIN	6063-T6 ALUMINUM
18	JAMB CORNER KEY	NYLON 66 MATERIAL
19	1-PIECE GLAZING BEAD	* PONDEROSA/SUGAR PINE
20	1-PIECE GLAZING BEAD	* PONDEROSA/SUGAR PINE
21	I.G. GLAZING BEAD	* PONDEROSA/SUGAR PINE
22	MULLION COVER	6063-T6 ALUMINUM
23	MULLION COVER	6063-T6 ALUMINUM
24	MULLION BAR	6061-T6 ALUMINUM
25	I.G. SPACER	CARDINAL XL STAINLESS STEEL
HARDWARE		
27	TRUTH SCISSOR HINGE	Ø HEAD AND SILL
28	MULTI-POINT LOCK SYSTEM	TRUTH
29	2 PIECE SNUBBER	0.320" X 0.531" X 1.844" LONG STAMPED STEEL
30	OPERATOR	AS REQUIRED
31	ALL METAL SCISSOR HINGE	Ø HEAD AND SILL
SEALS AND SEALANTS		
35	FRAME WEATHERSTRIP	AMESBURY GREY SANTOPRENE FOAM
36	SASH WEATHERSTRIP	VINYL
FASTENERS		
40	13 GA. 1 1/2" RING SHANK NAIL	4" FROM CORNERS & 6" TO 12" O.C.
41	16 GA. 1 3/4" T-NAIL	1" FROM CORNERS & 6" TO 10" O.C. Ø SILL COVER & SILL LOWER SECTION AND 1 PER SILL BLOCK
43	#8 X 1 1/4" PH S.S. SMS	2 PER LOCK STRIKE
44	AUTO WIRE NAIL	2" FROM CORNERS & 6" TO 8" O.C.
45	2 1/2" X 1" CROWN STAPLE	2" FROM CORNERS & 10 O.C.
46	#18 X 1/2" GSN STAPLE	2" FROM CORNERS & 7" TO 10" O.C.
47	#6 X 5/8" PH SCREW	2" FROM CORNERS & 9" O.C.
48	NO. 8 X 1 1/4" S.S. SMS	2 PER SNUBBER INTO SASH
49	NO. 7 X 1/2" S.S. SMS	2 PER SNUBBER INTO FRAME

NOTE: WOOD USED IN TESTING WAS PONDEROSA PINE. OTHER WOOD SPECIES APPLICABLE FOR USE WITH THIS PRODUCT ARE THOSE WITH A SPECIFIC GRAVITY OF 0.43 AND MODULUS OF ELASTICITY OF 1,200,000 PSI OR GREATER. ALL WOOD IS MINIMUM GRADE 2 MILLED BY HURD WINDOWS & DOORS TO SELECT.

DRAWN BY: S.T.R.		CHECKED BY: W.M.S.	
DATE: 7/21/05		DATE: 7/21/05	
NO.	REVISION	DESCRIPTION	
1	2		

SIERRA PACIFIC WINDOWS
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WARREN M. SCHAEFER
LICENSE No. 44135
STATE OF FLORIDA
OCT 16 2017

DRAWING NO. 1403
SHEET NO. 7 OF 7