

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/QA 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.

FRAME ANCHOR REQUIREMENTS TABLE

OPENING TYPE (SUBSTRATE)	FRAME/CLIP/BACKET TO OPENING FASTENER TYPE	MINIMUM EMBED	MINIMUM EDGE DIST.
FRAME SCREWS			
MIN. 2X4 WOOD FRAME OR BUCK (MIN. GR. 3 & $G=0.55$)	NO. 14 SMS OR WOOD SCREW	1 1/4"	1"
MIN. 16 GA. 50 KSI METAL STUD	1/4" GR. 5 SELF TAP/DRILL SCREW	FULL	1/2"
MIN. 1/8" THK STEEL OR ALUMINUM	1/4" GR. 5 SELF TAP/DRILL SCREW	FULL	1/2"
MIN. C-90 CMU OR 2500 PSI CONCRETE	(1) 1/4" CONCRETE SCREW	1 1/2"	2 1/2"
MOUNTING CLIP SCREWS			
MIN. 2X4 WOOD FRAME OR BUCK (MIN. GR. 3 & $G=0.55$)	NO. 8 SMS OR WOOD SCREW	1 3/8"	1/2"
MIN. 1/8" THK STEEL OR ALUMINUM	NO. 8 GR. 5 SELF TAP/DRILL SCREW	FULL	1/2"
NARROW MOUNTING BRACKET SCREWS			
MIN. 2X6 WOOD FRAME OR BUCK (MIN. GR. 3 & $G=0.55$)	NO. 8 SMS OR WOOD SCREW	1 3/8"	1/2"
MIN. 18 GA. 33 KSI METAL STUD	NO. 8 GR. 5 SELF TAP/DRILL SCREW	FULL	1/2"
MIN. 1/8" THK STEEL OR ALUMINUM	NO. 8 GR. 5 SELF TAP/DRILL SCREW	FULL	1/2"
WIDE MOUNTING BRACKET SCREWS			
MIN. 2X6 WOOD FRAME OR BUCK (MIN. GR. 3 & $G=0.55$)	NO. 8 SMS OR WOOD SCREW	1 3/8"	1/2"
MIN. 18 GA. 33 KSI METAL STUD	NO. 8 GR. 5 SELF TAP/DRILL SCREW	FULL	1/2"
MIN. 1/8" THK STEEL OR ALUMINUM	NO. 8 GR. 5 SELF TAP/DRILL SCREW	FULL	1/2"
MIN. C-90 CMU OR 2500 PSI CONCRETE	(1) 3/16" CONCRETE SCREW	1 1/2"	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.).

LOCK STRIKE REQUIREMENTS

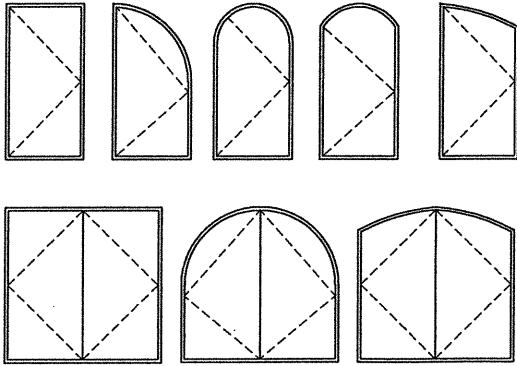
(TOP & BOTTOM OF PANEL)		(LOCK SIDE OF PANEL)	
(1) MAX. SASH PANEL HEIGHT	QUANTITY PER PANEL	(1) MAX. SASH PANEL HEIGHT	QUANTITY PER PANEL
ALL PANEL SHAPES		ALL PANEL SHAPES	
OVER 46 3/4"	2	OVER 79"	4
46 3/4"	1	53"	3
		UNDER 53"	2

- (1) SASH PANEL HEIGHT DIMENSION IS APPROXIMATELY 2 3/4" LESS THAN THE FRAME HEIGHT.
- (2) REGARDLESS OF PANEL HEIGHT, NUMBER OF TOP & BOTTOM LOCK POINTS MAY BE REDUCED TO 1 WHEN SASH PANEL WIDTHS ARE LESS THEN 19" IN DOUBLE PANEL WINDOWS OR 26 1/4" IN SINGLE PANEL WINDOWS.
- (3) LOCK STRIKES AT MEETING STILES OF DOUBLE WINDOWS ARE NOT REQUIRED WHEN GU HARDWARE IS USED.

HINGE TABLE

WINDOW SHAPE	HINGE REQUIREMENTS
HALF-ROUND TOP	CENTERLINE OF HINGES SHALL BE LOCATED 8" FROM BOTTOM OF SASH PANEL, 2 1/2" FROM SPRINGLINE AND MAX. 29" O.C. BETWEEN.
ALL OTHER SHAPES	CENTERLINE OF HINGES SHALL BE LOCATED 8" FROM TOP & BOTTOM OF SASH PANEL AND MAX. 29" O.C. BETWEEN.

APPROVED SHAPES



NOTES:

1. OTHER SHAPES MAY APPLY PROVIDING THEY ARE SIMILAR TO THOSE SHOWN & HAVE CORNER CONSTRUCTION AS DESCRIBED ON THIS SHEET.
2. ALL SHAPED UNITS MUST FIT INSCRIBED INTO THE ALLOWABLE RECTANGULAR UNITS & BE GOVERNED BY THE ALLOWABLE PRESSURE OF THE RESPECTIVE RECTANGULAR UNIT.

CORNER CONSTRUCTION:

JAMBS: COPED, BUTTED TOGETHER, JOINED WITH 3 NO. 10 X 3 1/8" SCREWS & GLUED WITH BINDAN D4 OR EQUAL.

SASH: MULTI-FORKED, BUTTED & GLUED WITH BINDAN D4 OR EQUAL.

ALLOWABLE DESIGN PRESSURE
(SINGLE, DOUBLE & TRANSOM MULLED WINDOWS)

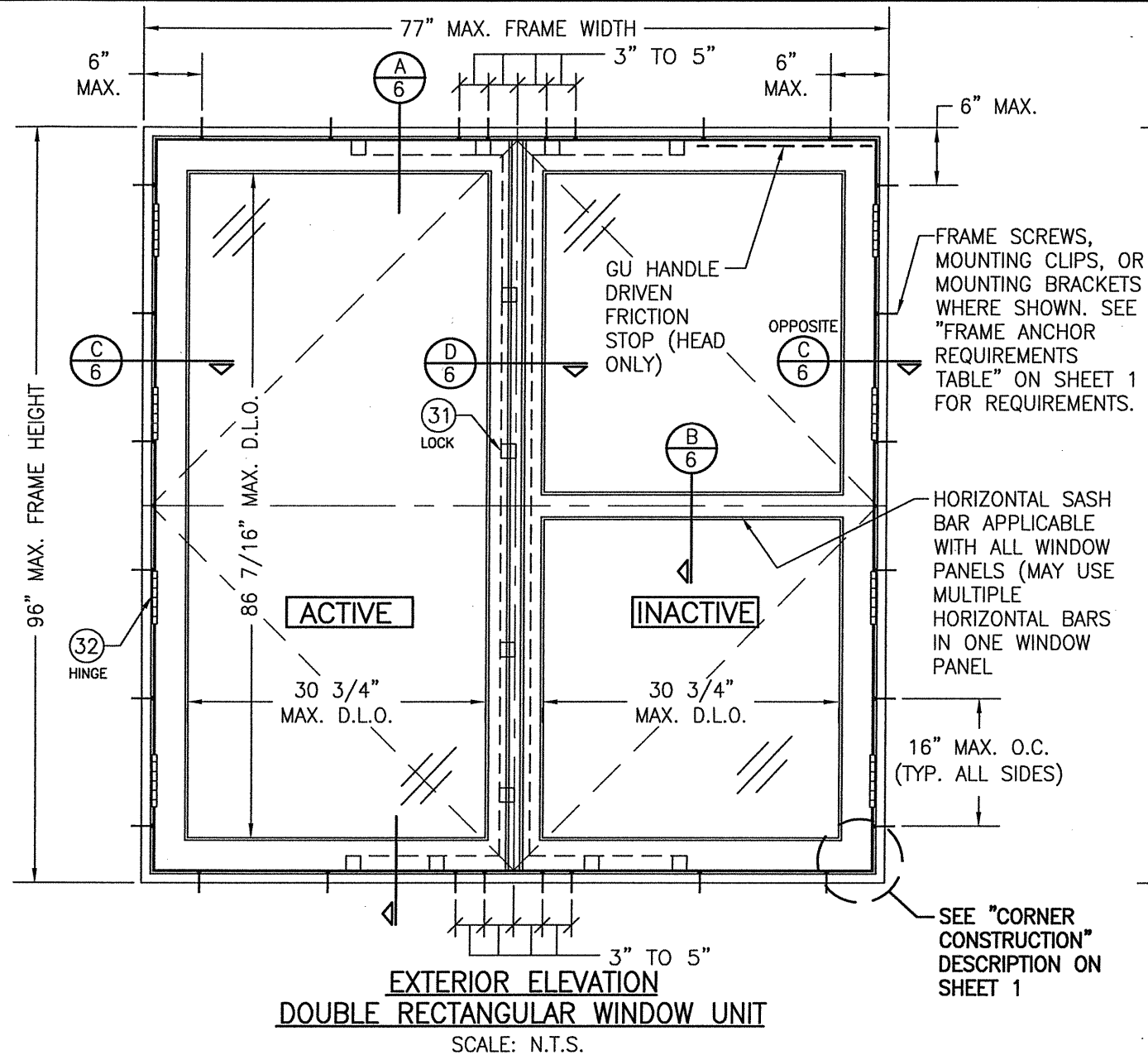
+/- 70 PSF

FOR VERTICAL MULLION ALLOWABLE PRESSURE, SEE MULLION LOAD TABLE ON SHEET 5

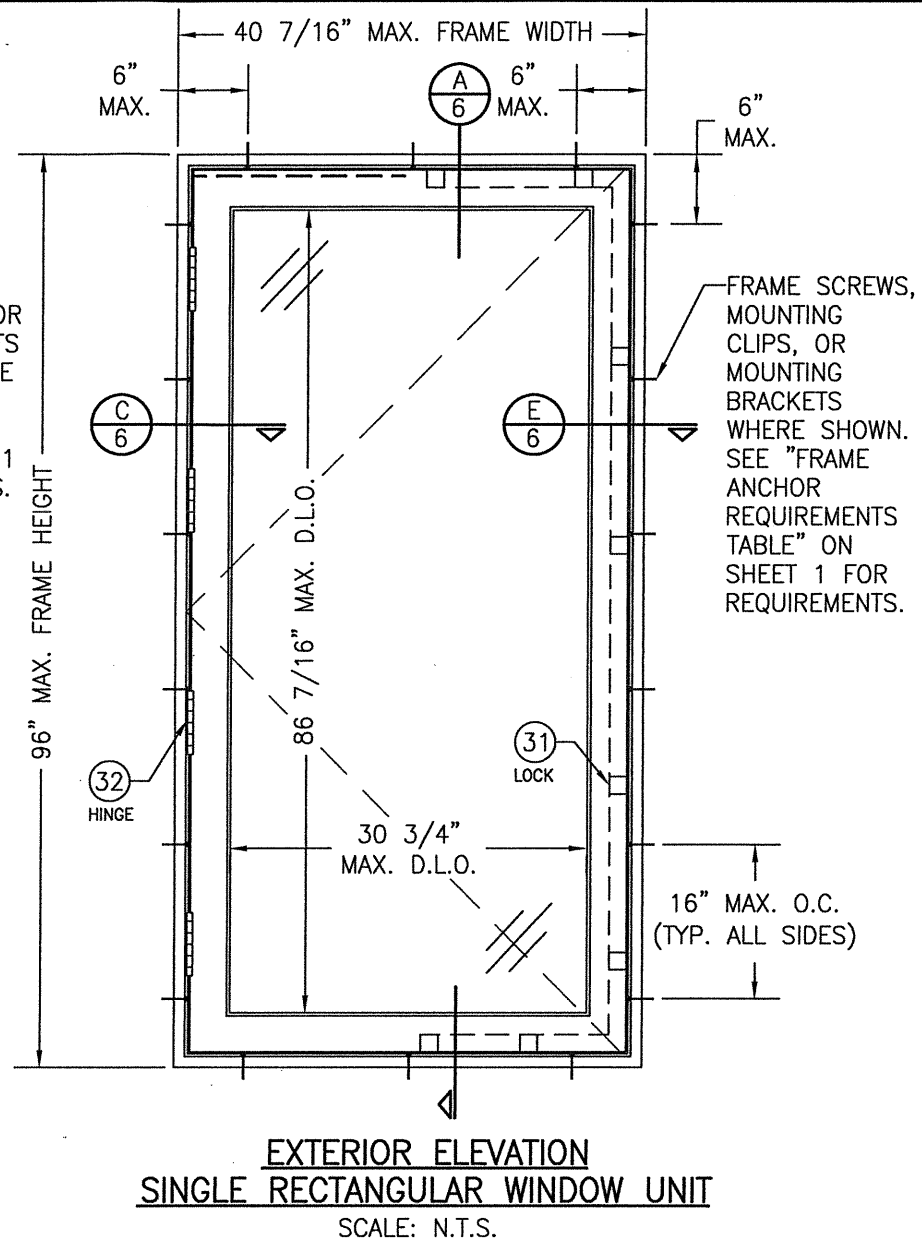


THESE DRAWINGS ARE APPLICABLE ONLY TO THE PRODUCT SPECIFIED. THEY MAY NOT BE USED FOR THE ASSEMBLY AND/OR INSTALLATION OF ANY OTHER PRODUCT NOR MAY THEY BE USED FOR RATIONAL AND/OR LOCAL APPROVAL OF ANY PRODUCT NOT PRODUCED BY THE MANUFACTURER STATED ON THESE DRAWINGS.

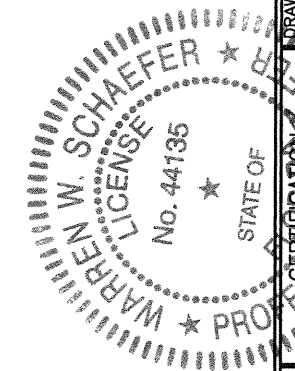
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PLOT: 1=16		DATE: 3/18/05	
NO.	REVISION	DESCRIPTION	BY
A1	UPDATE TO PRESENT STANDARDS	WRM	06/06/10
B1	CHANGE CONSULTANTS ADDRESS	WRM	10/19/11
C1	UPDATE TO PRESENT STANDARDS	WWS	04/06/15
D1	CHANGE TO STATE APPROVAL	WWS	04/16/20
DRAWING TITLE AMERICAN OUT-SWING CASEMENT IMPACT WOOD WINDOWS			
MANUFACTURER PEETZ WINDOWS & DOORS 15951 S.W. 41ST STREET, SUITE 150 WESTON, FL 33331 954-659-3887			
CONSULTANTS W. W. SCHAEFER ENGINEERING & CONSULTING, P.A. (CA 6809) 7480 150TH COURT NORTH PALM BEACH GARDENS, FL 33418 PHONE: 561-744-3424			
P.E. NO. 44135 WARREN W. SCHAEFER, P.E.			
DRAWING NO. 1320		REV. D	
SHEET NO. 1 OF 10			



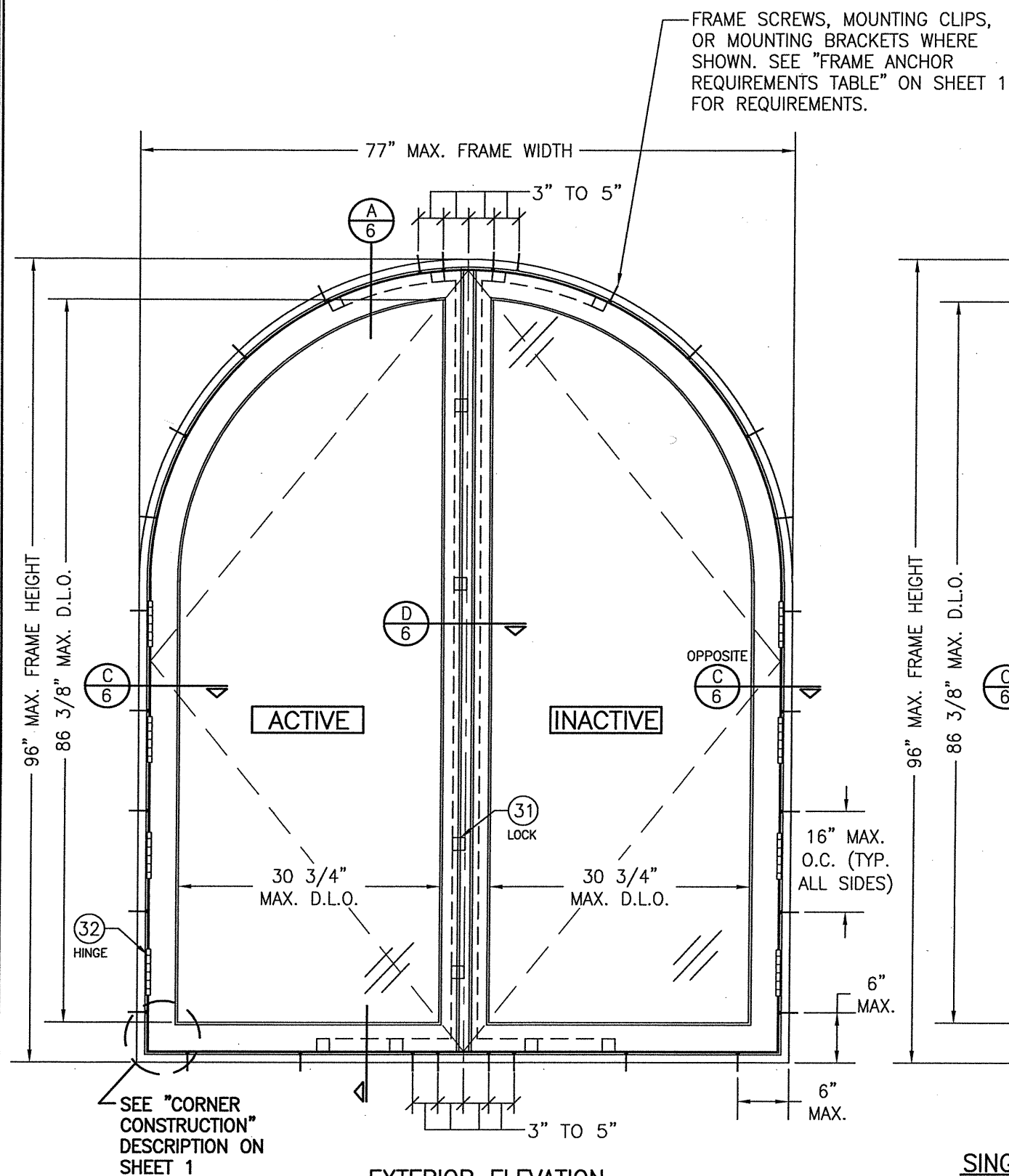
EXTERIOR ELEVATION
DOUBLE RECTANGULAR WINDOW UNIT
SCALE: N.T.S.



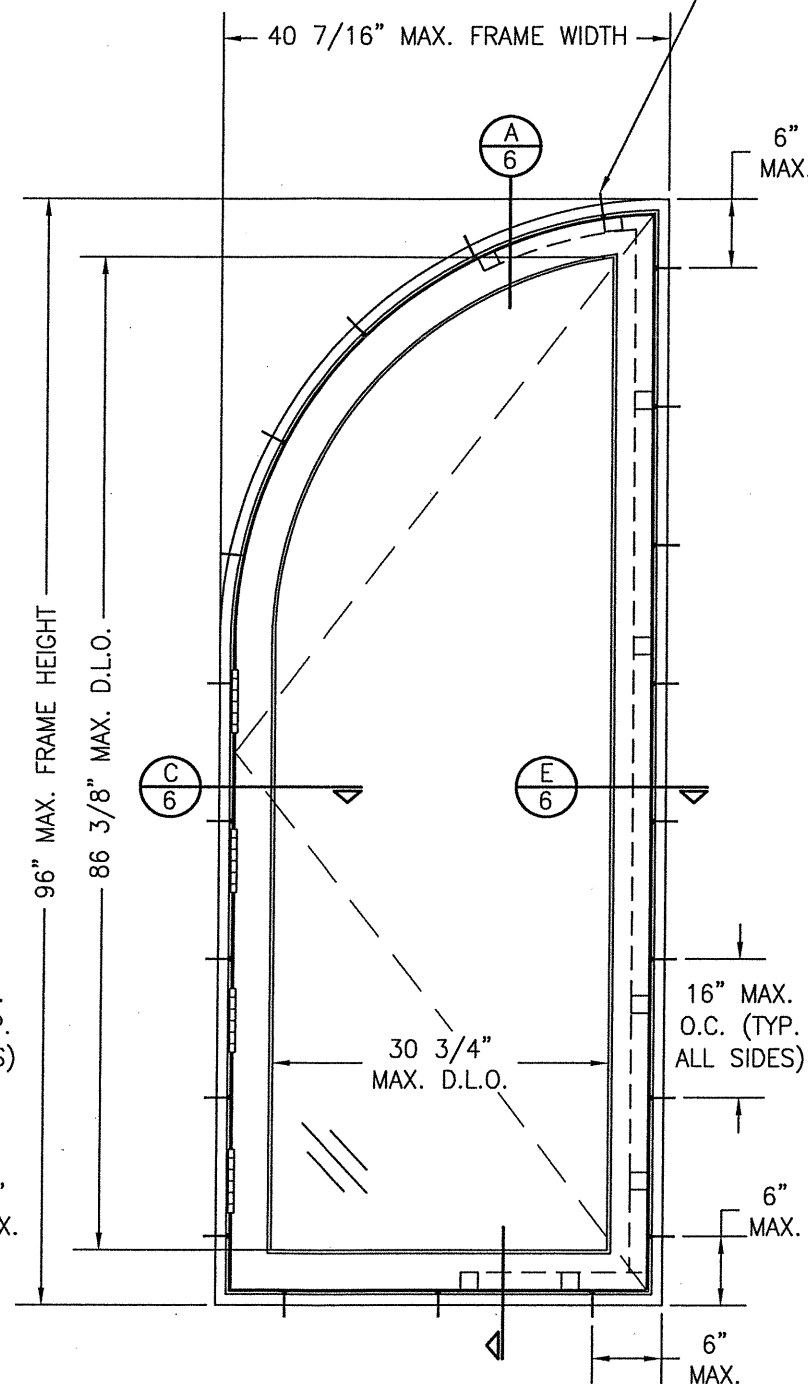
EXTERIOR ELEVATION
SINGLE RECTANGULAR WINDOW UNIT
SCALE: N.T.S.



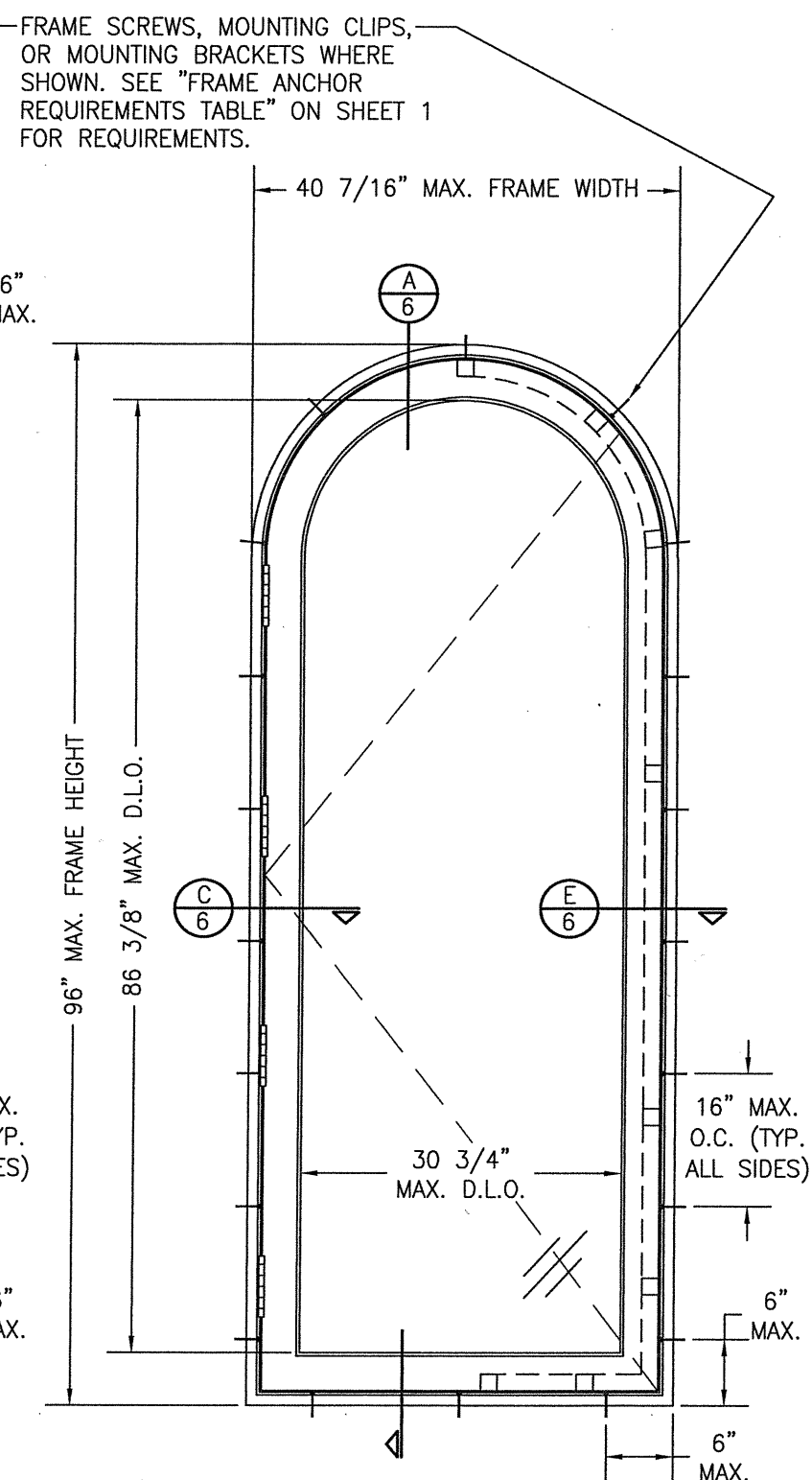
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PLOT: 1=16		DATE: 3/18/05	
NO.	REVISION	DESCRIPTION	DATE
DRAWING TITLE AMERICAN OUT-SWING CASEMENT IMPACT WOOD WINDOWS			
CONSULTANTS W. W. SCHAEFER ENGINEERING & CONSULTING, P.A. (CA 6809)		MANUFACTURER PEETZ WINDOWS & DOORS 15951 S.W. 41ST STREET, SUITE 150 WESTON, FL 33331 954-659-3887	
7480 150TH COURT NORTH PALM BEACH GARDENS, FL 33418 PHONE: 561-744-3424		WARREN W. SCHAEFER, P.E. P.E. NO. 44135	
DRAWING NO. 1320		REV. D	
SHEET NO. 2		OF 10	



EXTERIOR ELEVATION
DOUBLE HALF ROUND WINDOW UNIT
SCALE: $\frac{3}{4}" = 1'-0"$
(OTHER SHAPES APPLY. SEE SHAPES TABLE ON SHEET 1)

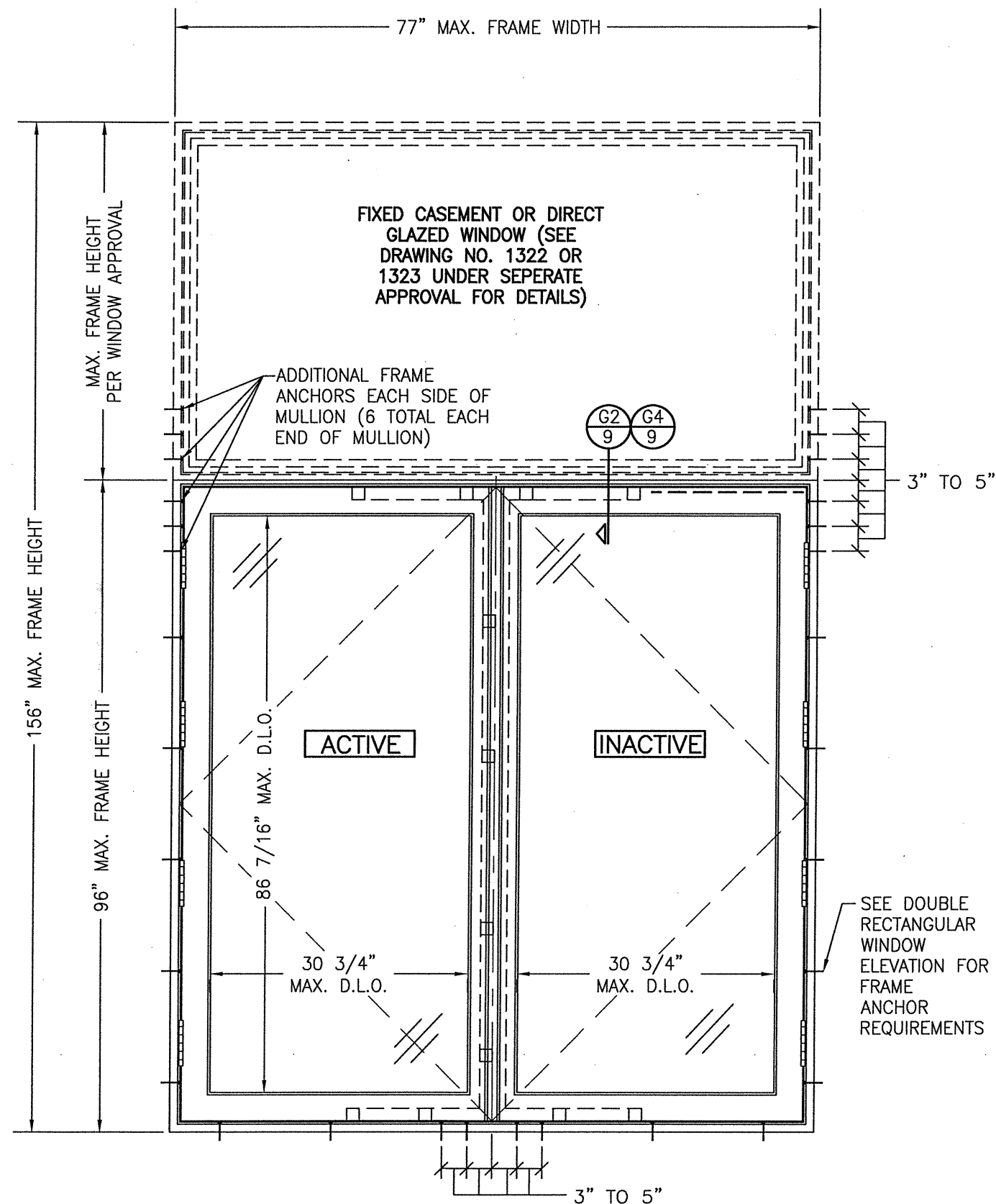


EXTERIOR ELEVATION
SINGLE QUARTER ROUND WINDOW UNIT
SCALE: $3/4" = 1'-0"$
(OTHER SHAPES APPLY. SEE SHAPES TABLE ON SHEET 1)

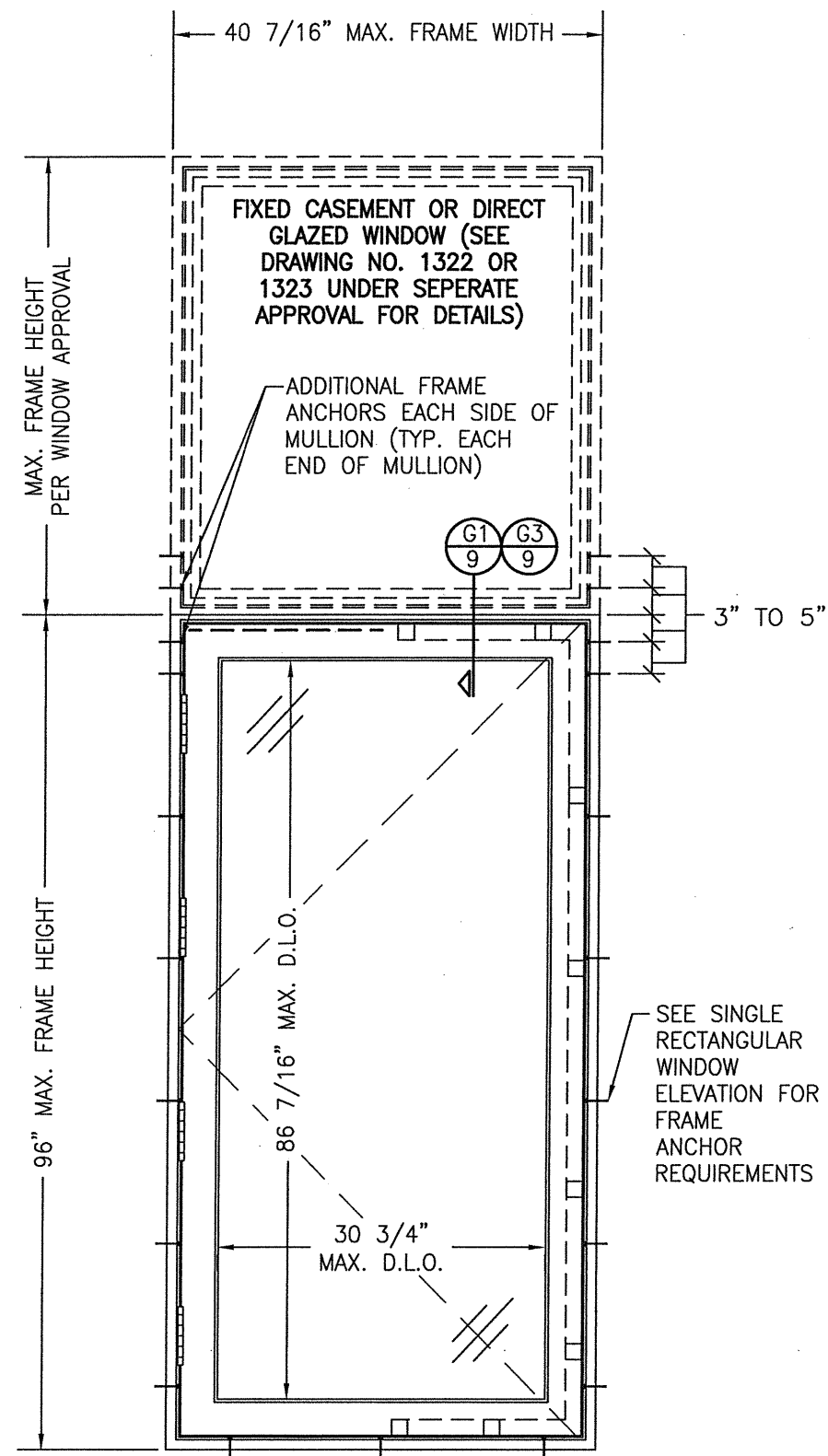


EXTERIOR ELEVATION
SINGLE HALF ROUND WINDOW UNIT
SCALE: $3/4" = 1'-0"$
(OTHER SHAPES APPLY. SEE SHAPES TABLE ON SHEET

[illegible]



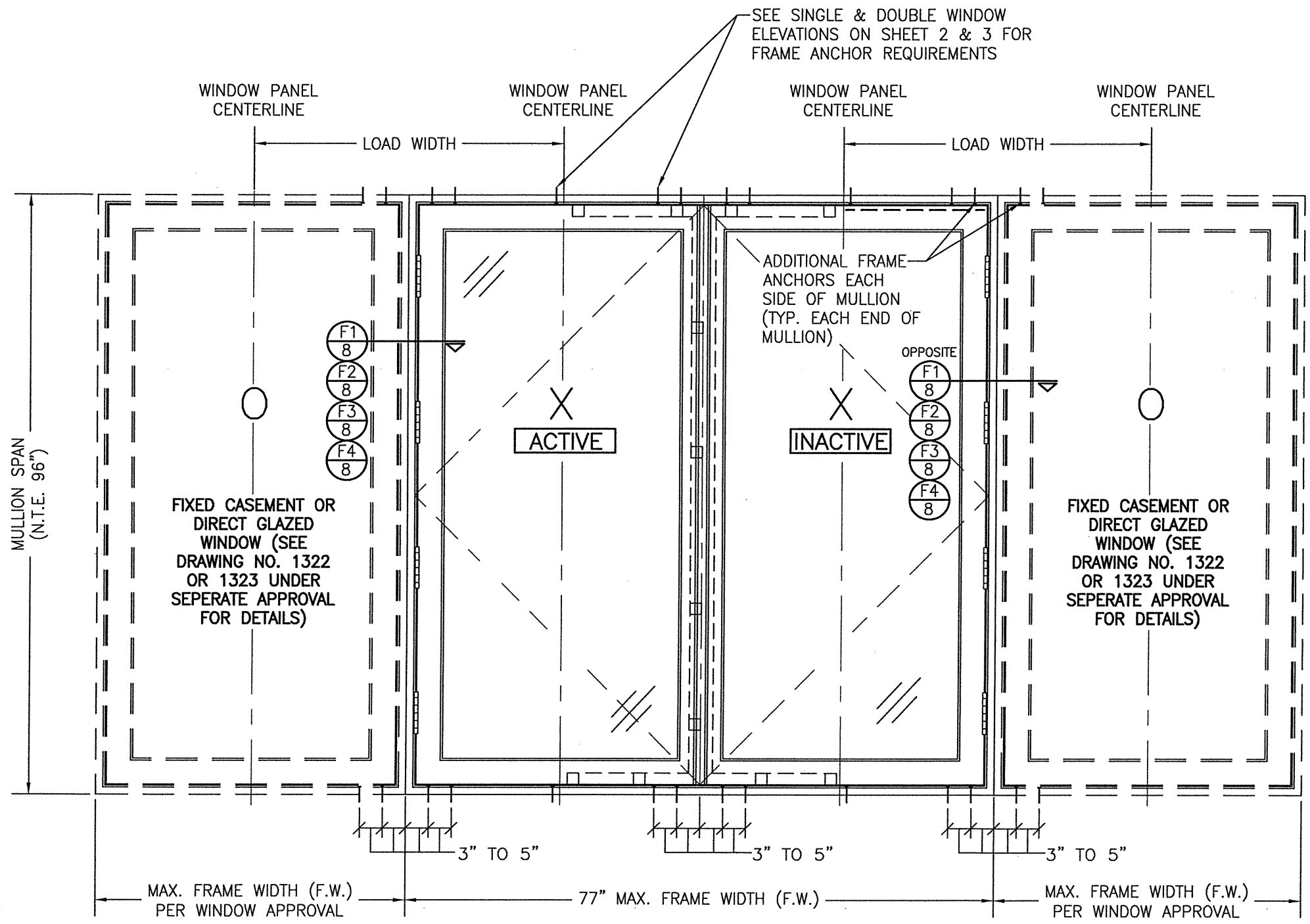
**EXTERIOR ELEVATION
DOUBLE WINDOW UNIT WITH TRANSOM**
SCALE: N.T.S.
SEE DOUBLE RECTANGULAR WINDOW ELEVATION FOR
WINDOW DETAIL NOT SHOWN



**EXTERIOR ELEVATION
SINGLE WINDOW UNIT WITH TRANSOM**
SCALE: N.T.S.
SEE SINGLE RECTANGULAR WINDOW ELEVATION FOR
WINDOW DETAIL NOT SHOWN



DRAWING NO. 1320		REV. D
SHEET NO. 4		OF 10
DRAWING TITLE AMERICAN OUT-SWING CASEMENT IMPACT WOOD WINDOWS		
CONSULTANTS W. W. SCHAEFER ENGINEERING & CONSULTING, P.A. (CA 6809) 7480 150TH COURT NORTH PALM BEACH GARDENS, FL 33418 PHONE: 561-744-3424		
MANUFACTURER PEETZ WINDOWS & DOORS 15951 S.W. 41ST STREET, SUITE 150 WESTON, FL 33331 954-659-3887		
DRAWN BY: S.T.R. CHECKED BY: W.W.S. PLOT: 1=16 DATE: 3/18/05	NO. REVISION DESCRIPTION DATE BY	DATE BY

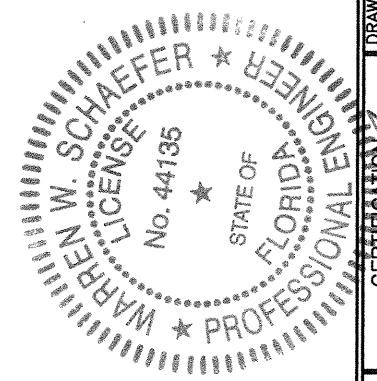


EXTERIOR ELEVATION
DOUBLE WINDOW UNIT WITH SIDELITES
SCALE: N.T.S.

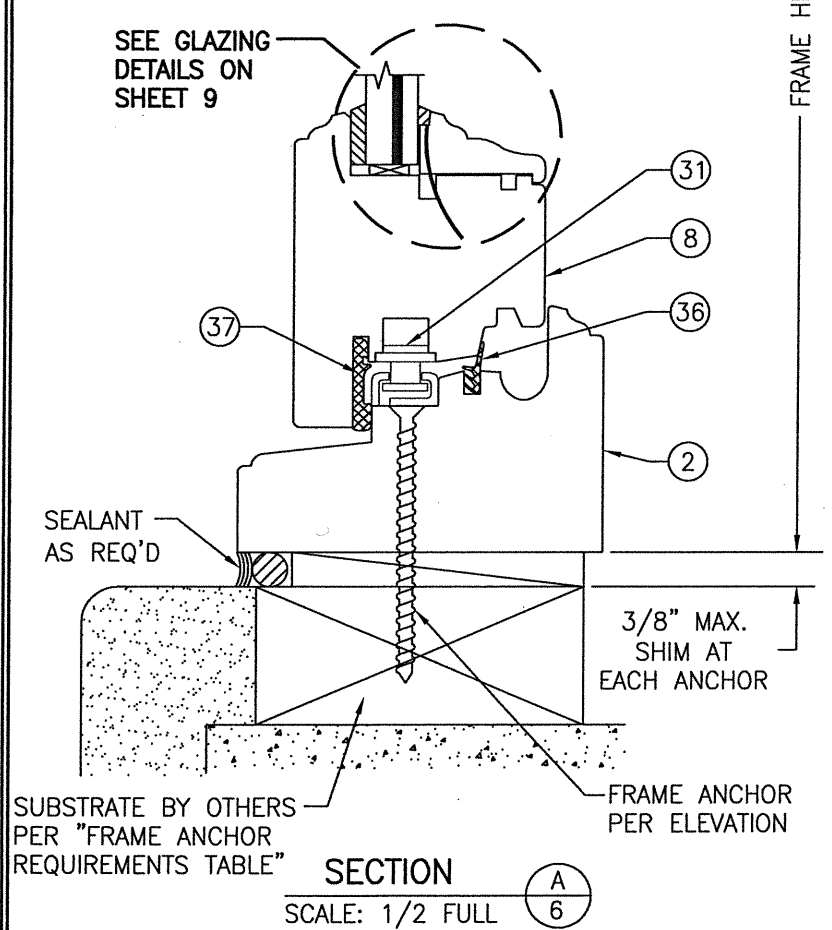
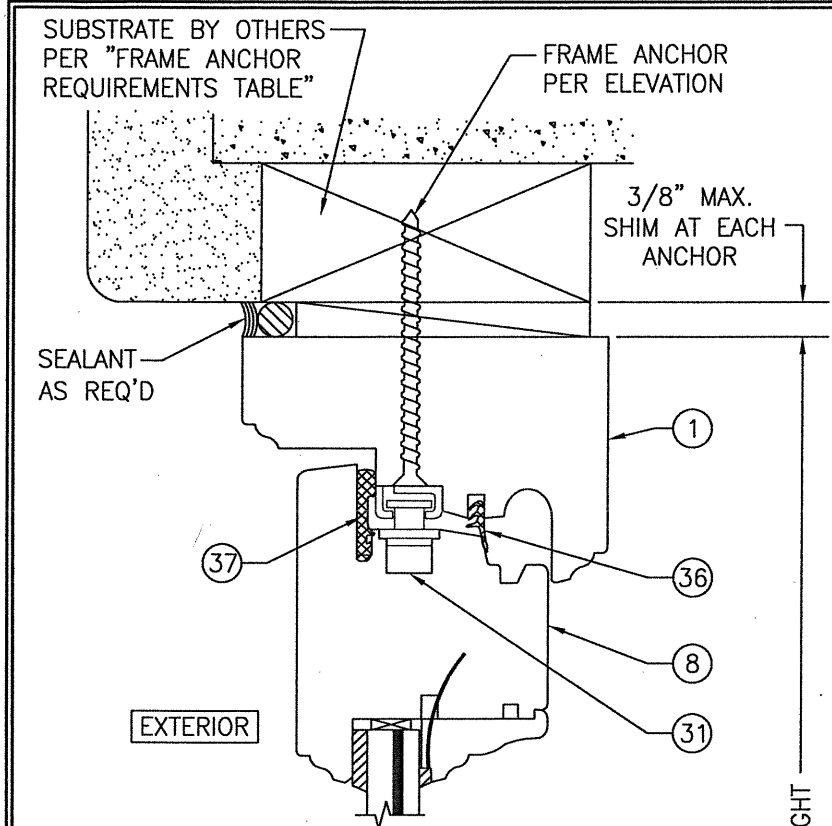
SEE DOUBLE & SINGLE WINDOW ELEVATIONS FOR DETAIL NOT SHOWN
(OXXO UNIT SHOWN. ALL OTHER FIXED/OPERABLE COMBINATIONS
ALSO APPLY WITH THE MULLION CONDITIONS SHOWN.)

MULLION ALLOWABLE LOAD TABLE			
MAXIMUM MULLION SPAN (IN.)	MAXIMUM LOAD WIDTH (IN.)	ALLOWABLE PRESSURE (POS. & NEG. PSF)	
		NON-REINFORCED MULLION	REINFORCED MULLION
96	54	47.0	53.2
	48	51.8	58.6
	42	57.9	65.5
	39	61.9	70.0
	36	65.8	75.0
90	30	75.0	75.0
	54	54.2	61.3
	48	59.5	65.9
	42	66.6	72.1
	39	70.2	75.0
84	36	74.4	75.0
	30	75.0	75.0
	54	63.6	67.9
	48	69.3	72.5
	42	75.0	75.0
78	54	75.0	75.0

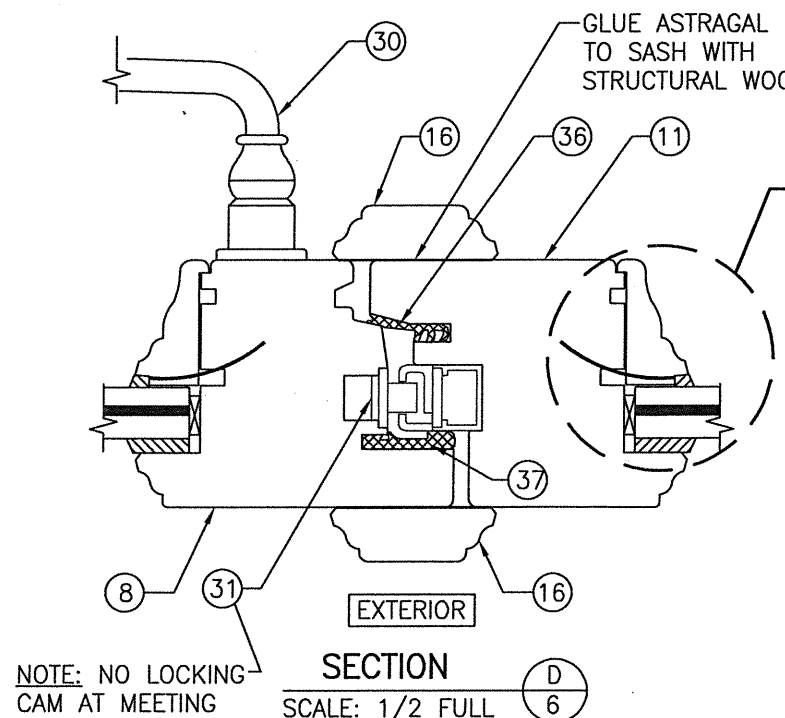
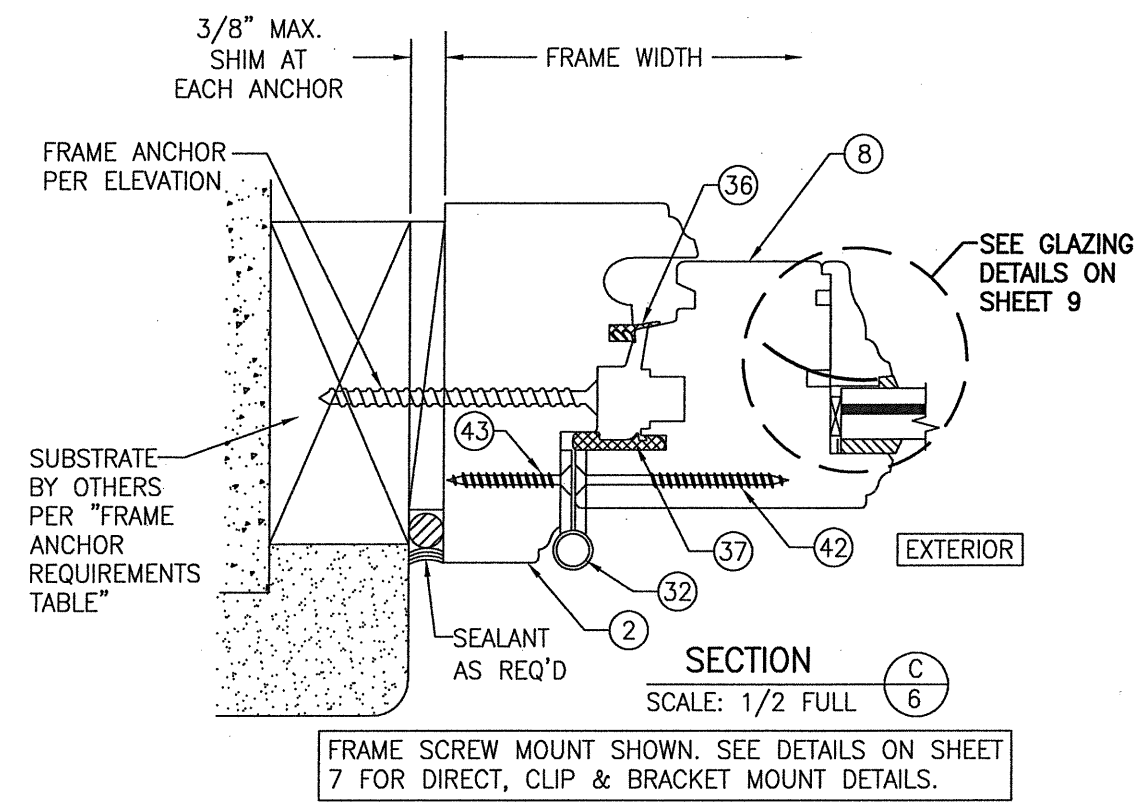
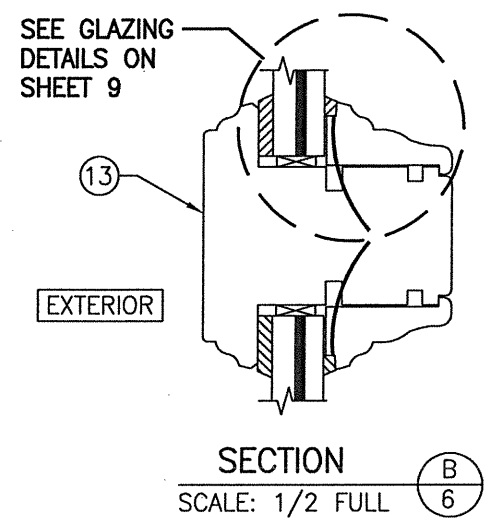
LESSER OF THE PRESSURE SHOWN IN THIS TABLE & THAT ALLOWED FOR THE INDIVIDUAL WINDOW SHALL CONTROL AS ALLOWABLE FOR THE OVERALL UNIT.



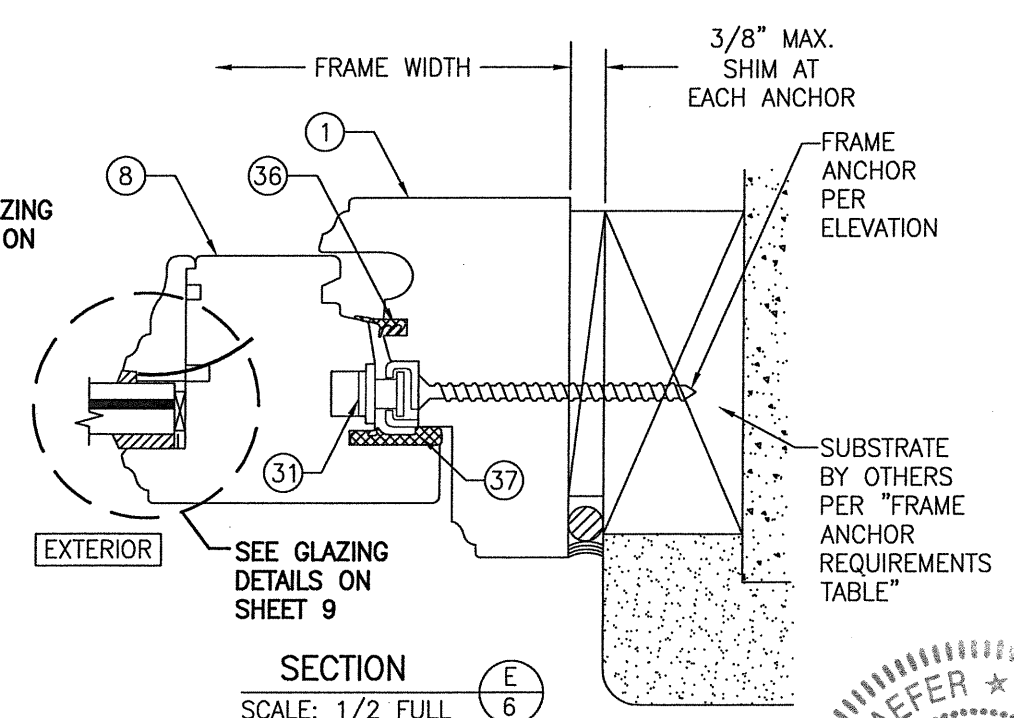
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PLOT: 1=16		DATE: 3/18/05	
NO.	REVISION	DESCRIPTION	DATE
DRAWING TITLE: AMERICAN OUT-SWING CASEMENT IMPACT WOOD WINDOWS			
CONSULTANTS: W. W. SCHAEFER ENGINEERING & CONSULTING, P.A. (CA 6809)		MANUFACTURER: PEETZ WINDOWS & DOORS	
7480 150TH COURT NORTH PALM BEACH GARDENS, FL 33418 PHONE: 561-744-3424		15951 S.W. 41ST STREET; SUITE 150 WESTON, FL 33331 954-659-3887	
CERTIFICATION: JUN 02 2020		WARREN W. SCHAEFER, P.E. P.E. NO. 44135	
DRAWING NO. 1320		REV. D	
SHEET NO. 5		OF 10	



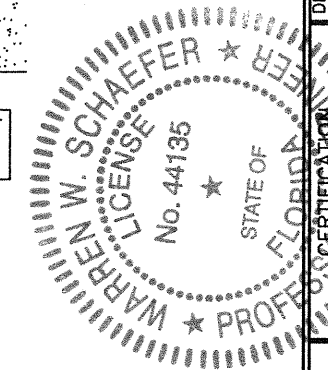
FRAME SCREW MOUNT SHOWN. SEE DETAILS ON SHEET 7 FOR DIRECT, CLIP & BRACKET MOUNT DETAILS.



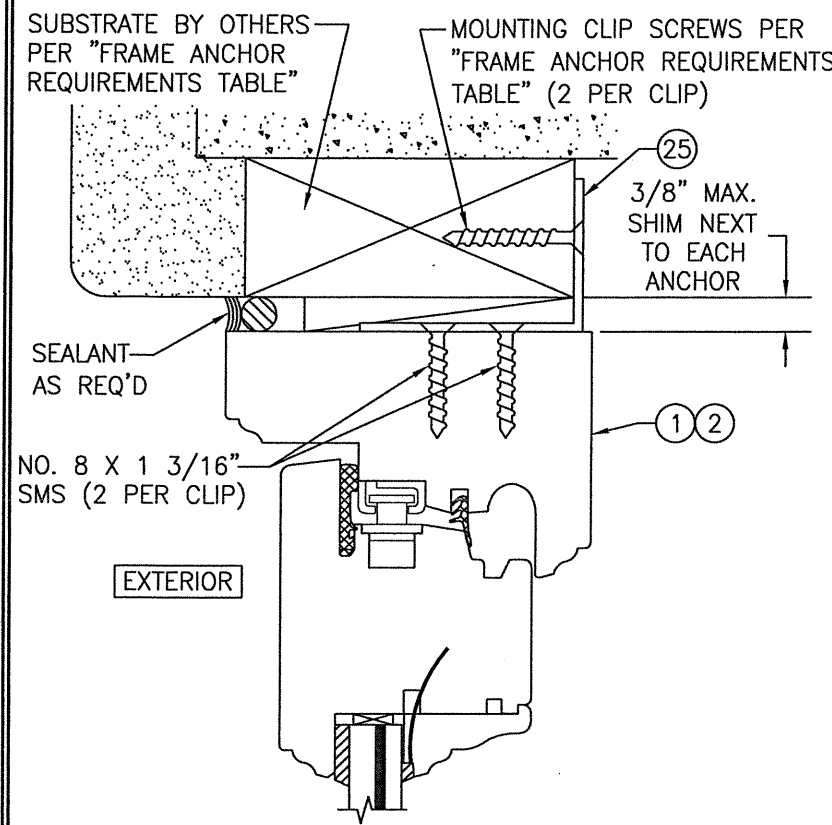
NOTE: NO LOCKING CAM AT MEETING STILES WITH GU LOCK SYSTEM



FRAME SCREW MOUNT SHOWN. SEE DETAILS ON SHEET 7 FOR DIRECT, CLIP & BRACKET MOUNT DETAILS.



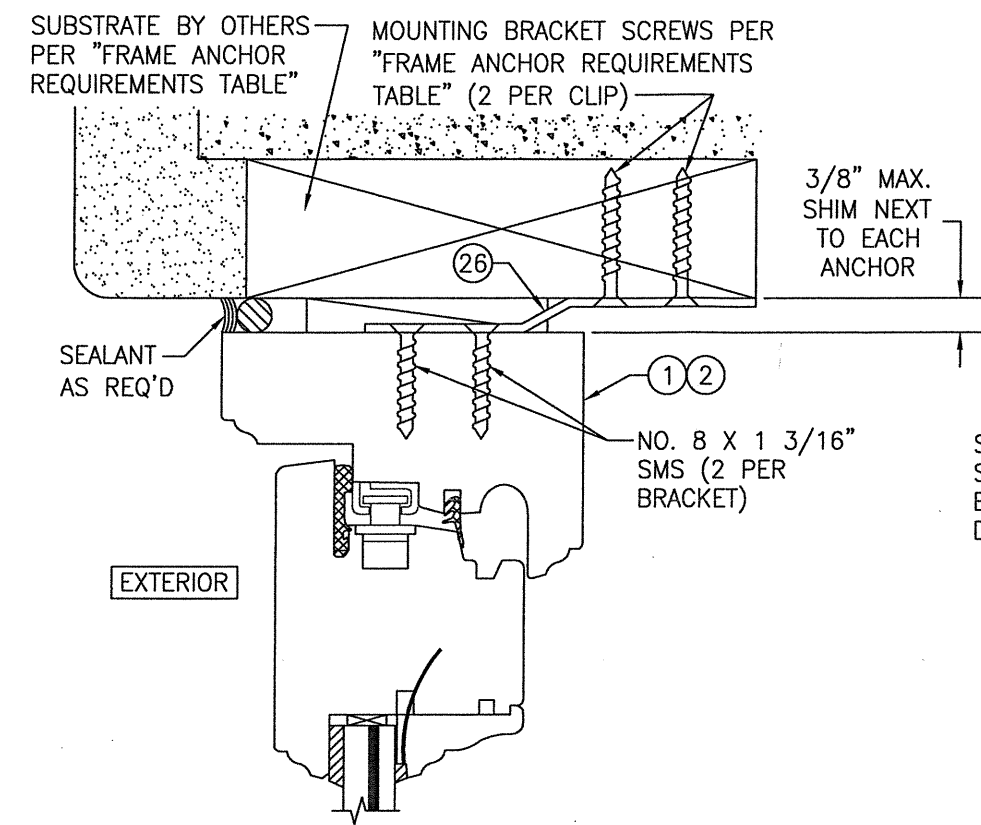
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PLOT: 1=2		DATE: 3/18/05	
NO.	REVISION DESCRIPTION	BY	DATE
DRAWING TITLE AMERICAN OUT-SWING CASEMENT IMPACT WOOD WINDOWS			
CONSULTANTS W. W. SCHAEFER ENGINEERING & CONSULTING, P.A. (CA 6809)		MANUFACTURER PEETZ WINDOWS & DOORS	
7480 150TH COURT NORTH PALM BEACH GARDENS, FL 33418 PHONE: 561-744-3424		15951 S.W. 41ST STREET, SUITE 150 WESTON, FL 33331 954-659-3887	
WARREN W. SCHAEFER, P.E. P.E. NO. 44135			
DRAWING NO. 1320		REV. D	
SHEET NO. 6		OF 10	



OPTIONAL ANGLE CLIP MOUNT DETAIL

(HEAD SECTION SHOWN; SILL & SIDES ARE INSTALLED THE SAME)
(FOR DETAIL NOT SHOWN, SEE OTHER SECTIONS)

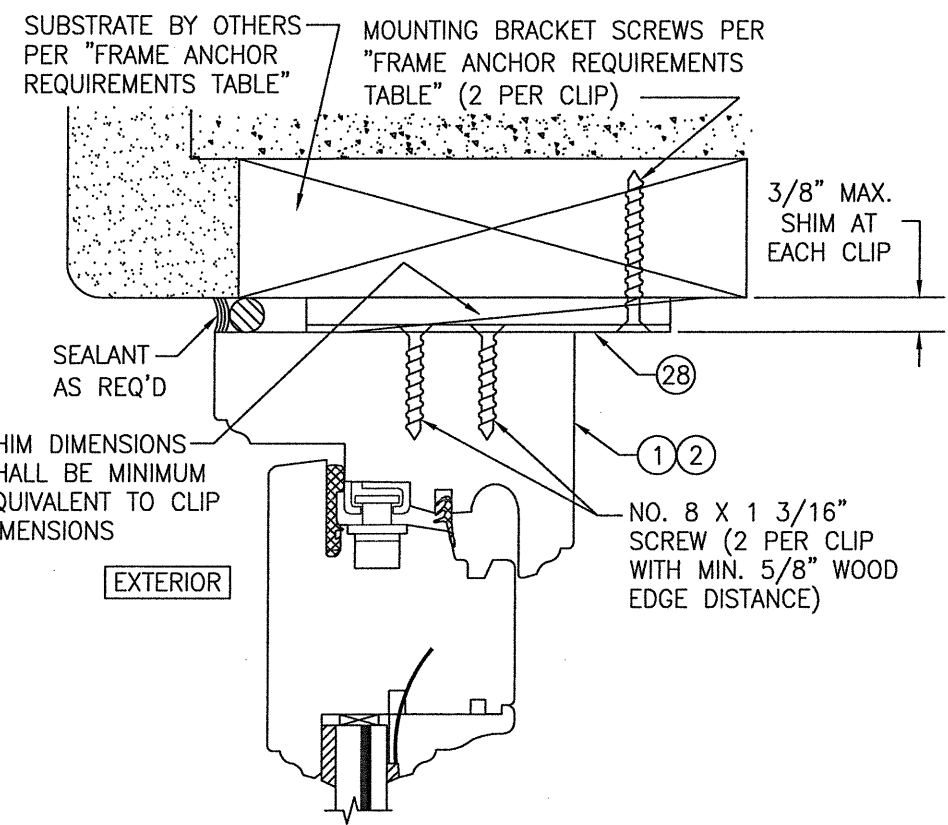
NOTE: ANGLE CLIP IS SHOWN AT THE INTERIOR OF THE SUBSTRATE. IT MAY BE PLACED AT THE EXTERIOR



OPTIONAL NARROW INSTALLATION BRACKET MOUNT DETAIL

(HEAD SECTION SHOWN; SILL & SIDES ARE INSTALLED THE SAME)
(FOR DETAIL NOT SHOWN, SEE OTHER SECTIONS)

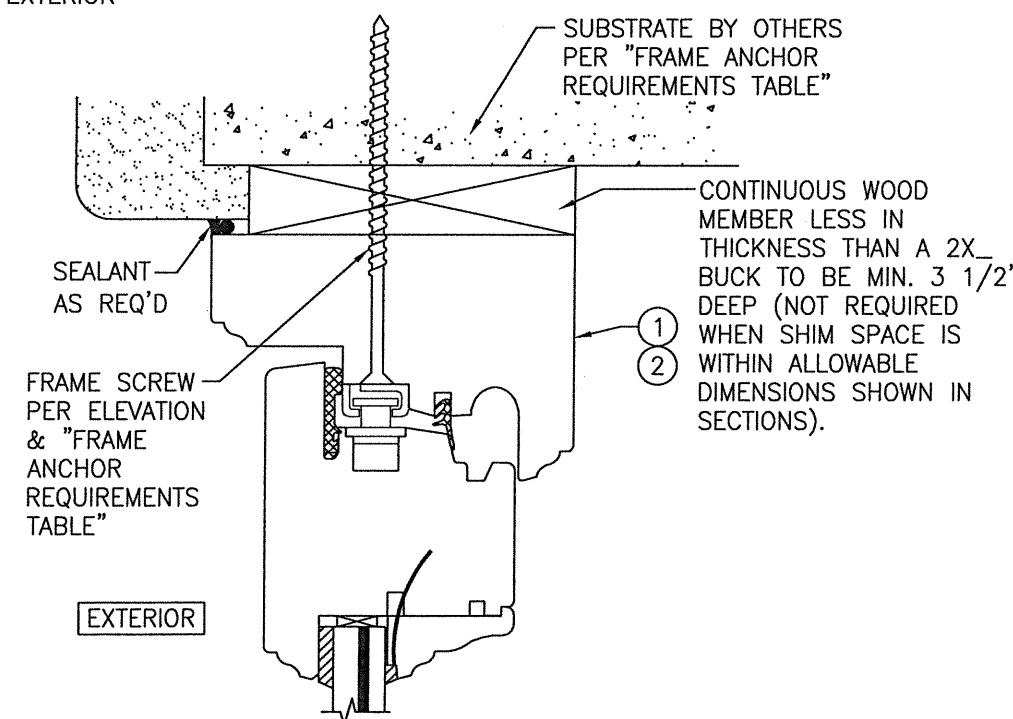
NOTE: BRACKET IS SHOWN PROJECTED TO THE INTERIOR. IT MAY ALSO BE PROJECTED TO THE EXTERIOR.



OPTIONAL WIDE BRACKET MOUNT DETAIL

(HEAD SECTION SHOWN; SILL & SIDES ARE INSTALLED THE SAME)
(FOR DETAIL NOT SHOWN, SEE OTHER SECTIONS)

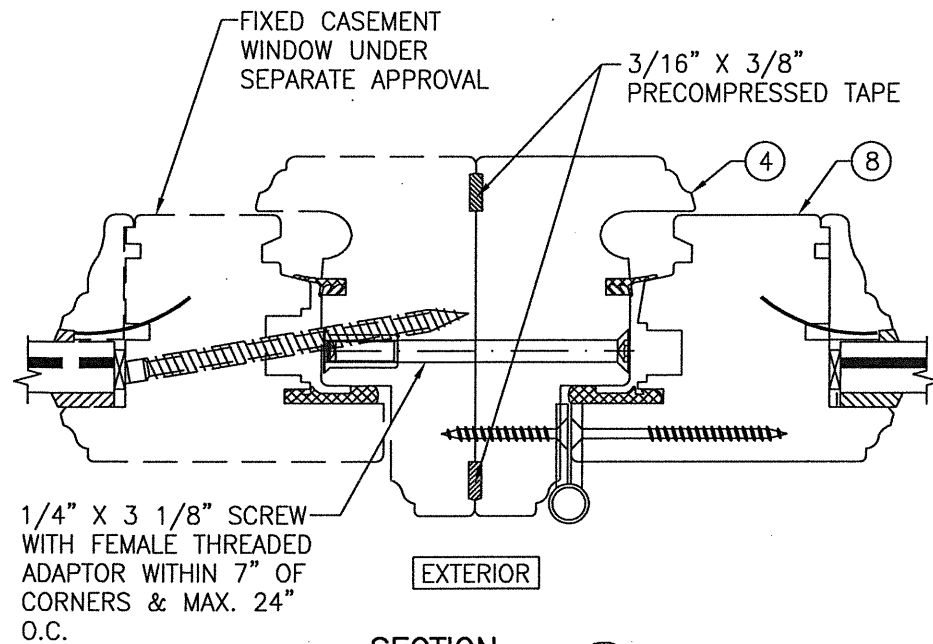
NOTE: BRACKET IS SHOWN PROJECTED TO THE INTERIOR. IT MAY ALSO BE PROJECTED TO THE EXTERIOR.



OPTIONAL DIRECT MOUNT DETAIL TO SUBSTRATE WITH SPACER

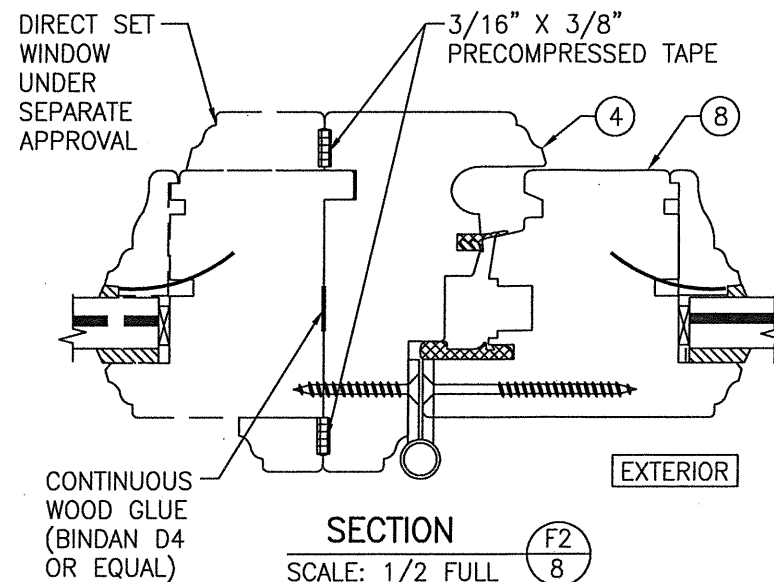
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(FOR DETAIL NOT SHOWN, SEE OTHER SECTIONS)

DRAWN BY: S.T.R.		CHECKED BY: W.W.S.	
PLOT: 1=2		DATE: 3/18/05	
DATE	BY	REVISION DESCRIPTION	NO.
DRAWING TITLE: AMERICAN OUT-SWING CASEMENT IMPACT WOOD WINDOWS			
CONSULTANTS: W. W. SCHAEFER ENGINEERING & CONSULTING, P.A. (CA 6809)		MANUFACTURER: PEETZ WINDOWS & DOORS	
7480 150TH COURT NORTH PALM BEACH GARDENS, FL 33418 PHONE: 561-744-3424		15951 S.W. 41ST STREET, SUITE 150 WESTON, FL 33331 954-659-3887	
CERTIFICATION: WARREN W. SCHAEFER, P.E. NO. 44135		JAN 12 2020	
DRAWING NO. 1320		REV. D	
SHEET NO. 7		OF 10	



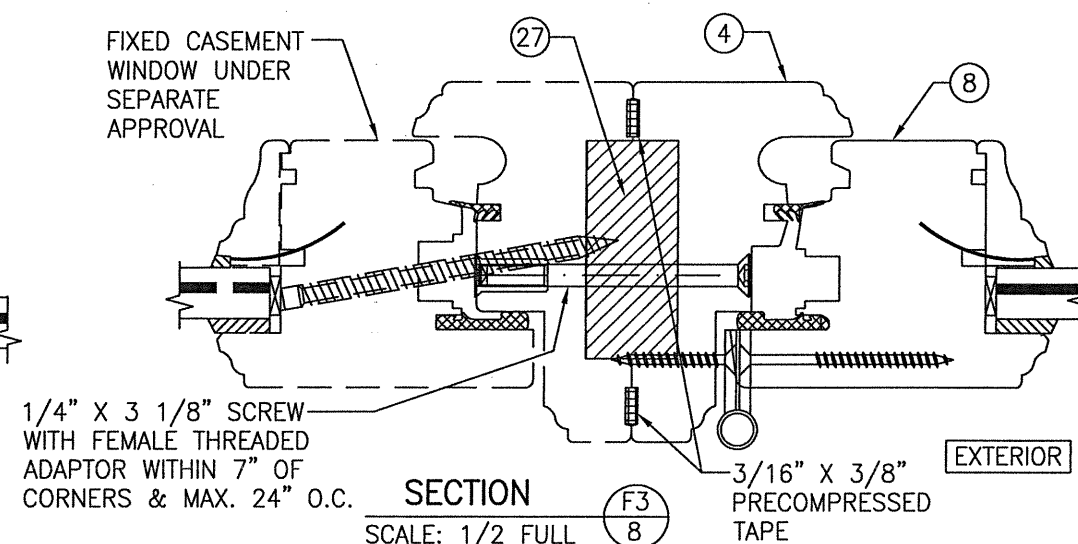
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SCALE: 1/2 FULL 8

(SEE OTHER SECTIONS FOR DETAILS NOT SHOWN)

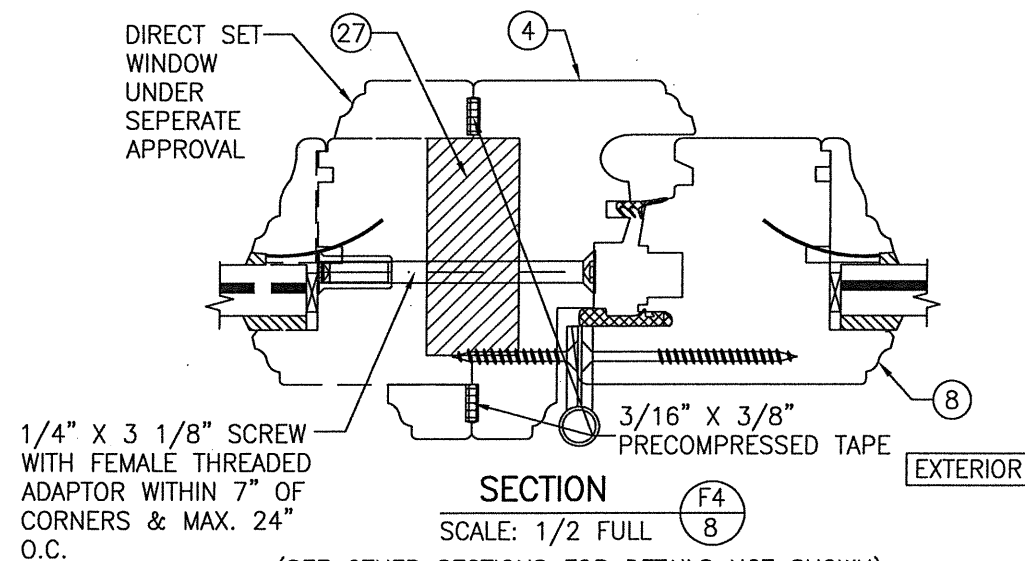


SECTION F2
SCALE: 1/2 FULL 8

(SEE OTHER SECTIONS FOR DETAILS NOT SHOWN)



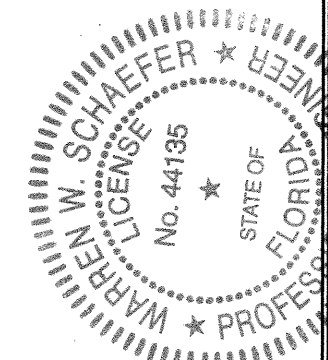
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(SEE OTHER SECTIONS FOR DETAILS NOT SHOWN)

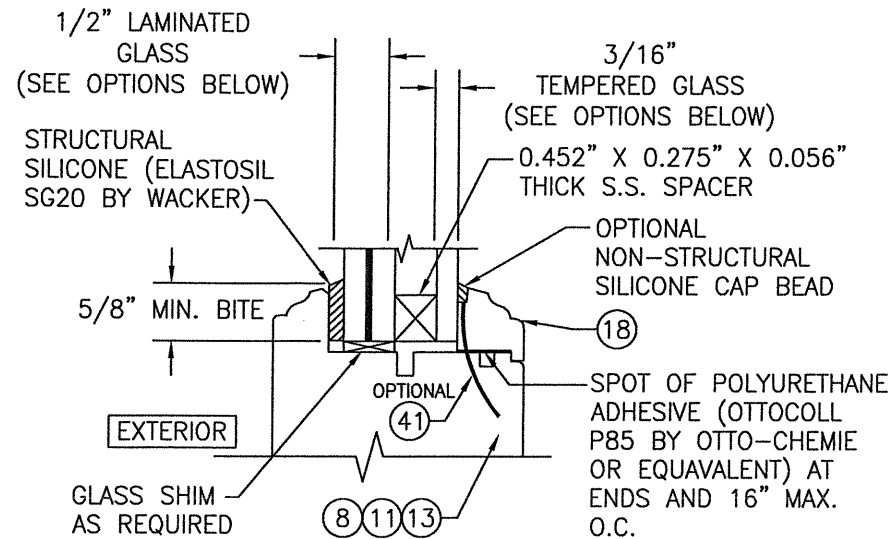


SECTION F4
SCALE: 1/2 FULL 8

(SEE OTHER SECTIONS FOR DETAILS NOT SHOWN)

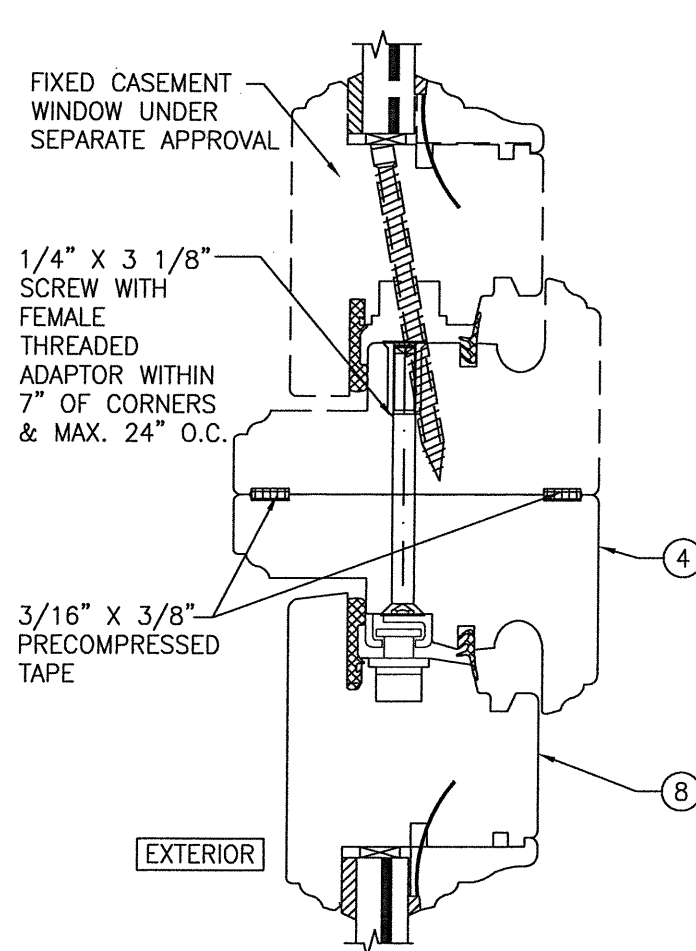
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PLOT: 1=2		DATE: 3/18/05	
DATE	BY	REVISION DESCRIPTION	NO.
DRAWING TITLE			
AMERICAN OUT-SWING CASEMENT IMPACT WOOD WINDOWS			
CONSULTANTS		MANUFACTURER	
W. W. SCHAEFER ENGINEERING & CONSULTING, P.A. (CA 6809)		PEETZ WINDOWS & DOORS 15951 S.W. 41ST STREET; SUITE 150 WESTON, FL 33331 954-659-3887	
7480 150TH COURT NORTH PALM BEACH GARDENS, FL 33418 PHONE: 561-744-3424			
CERTIFICATION			
JUN 02 2020			
WARREN W. SCHAEFER, P.E. P.E. NO. 44135			
DRAWING NO. 1320		REV. D	
SHEET NO. 8 OF 10			





I.G. GLAZING DETAIL

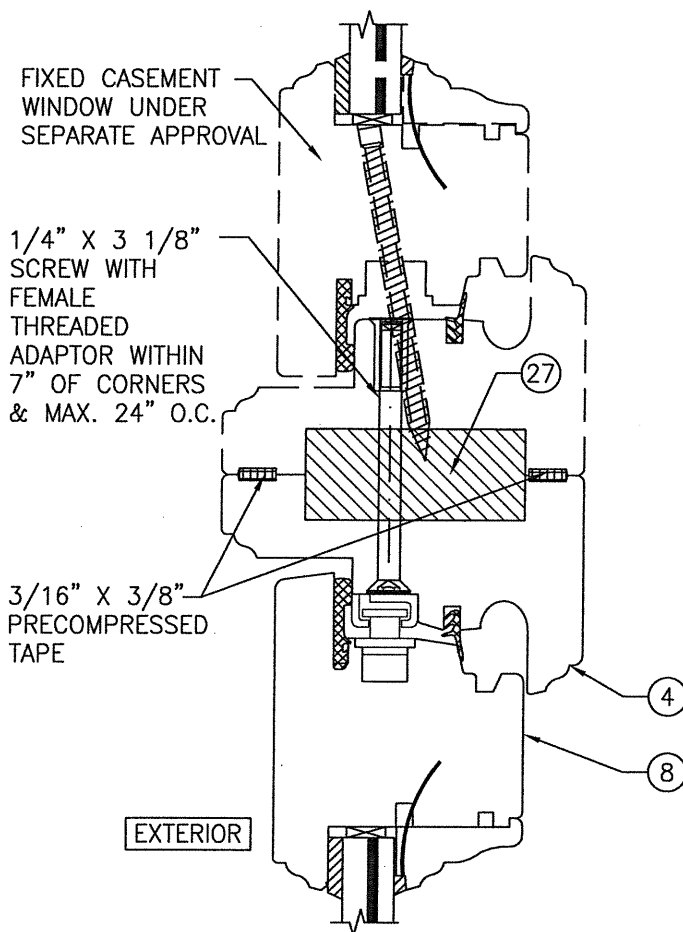
- GLASS OPTION: 1. 1/2" THICK LAMINATED OUTER GLASS (3/16" AN/0.09 EASTMAN CHEMICAL CO. "SAFLEX"/1/4" AN); 3/16" TEMPERED SINGLE PANE INNER GLASS & 1/2" AIR SPACE
2. 1/2" THICK LAMINATED OUTER GLASS (3/16" AN/0.075 EASTMAN CHEMICAL CO. "SAFLEX CP"/1/4" AN); 3/16" TEMPERED SINGLE PANE INNER GLASS & 1/2" AIR SPACE



SECTION G1

SCALE: 1/2 FULL

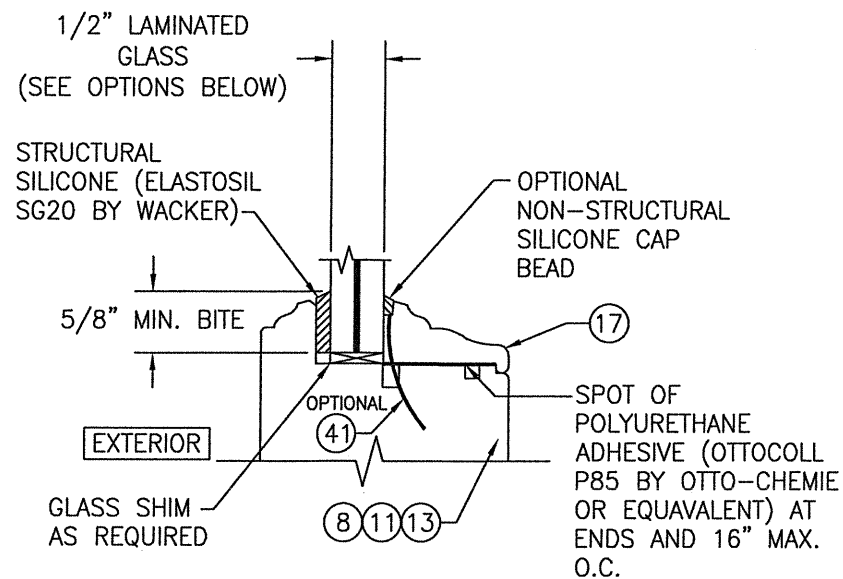
(SEE DETAIL A/6 FOR DETAILS NOT SHOWN)



SECTION G2

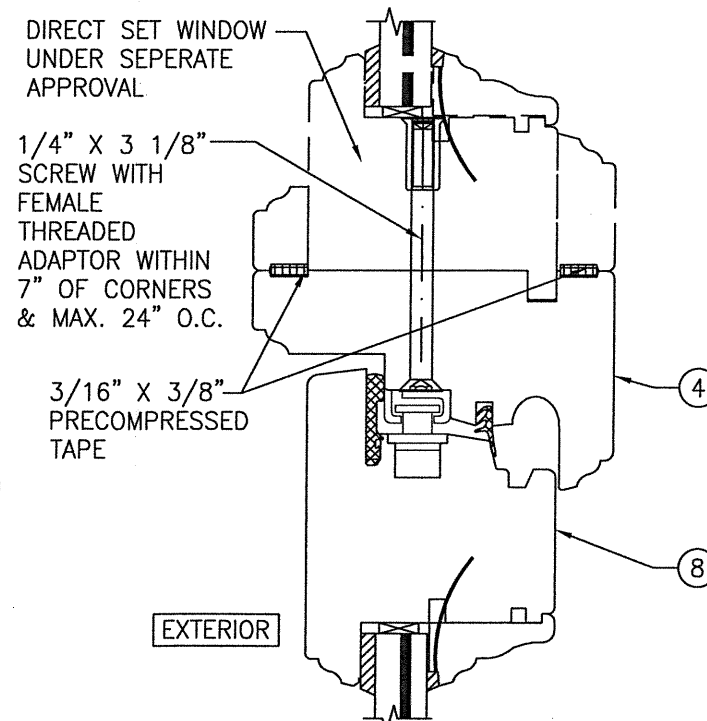
SCALE: 1/2 FULL

(SEE DETAIL A/6 FOR DETAILS NOT SHOWN)



NON-I.G. GLAZING DETAIL

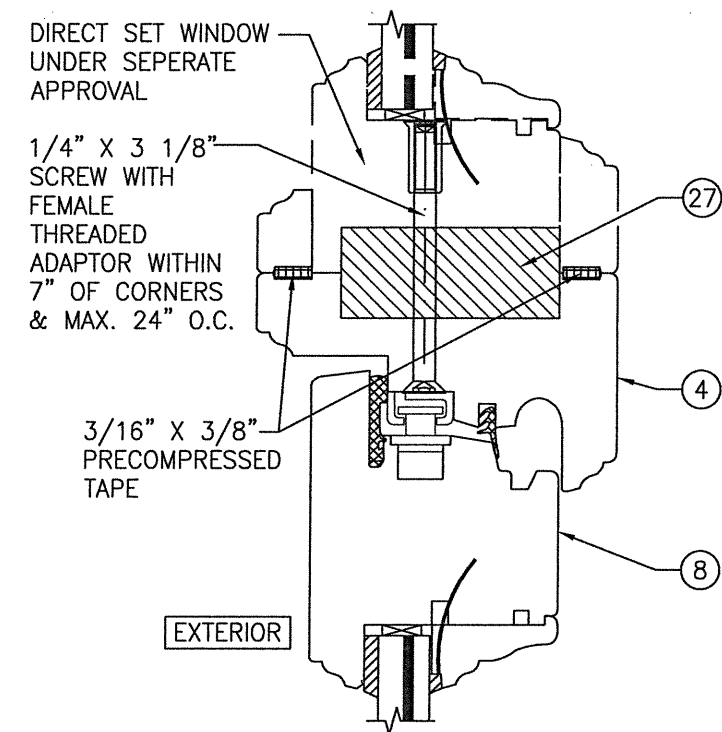
- GLASS OPTION: 1. 1/2" THICK LAMINATED GLASS (3/16" AN/0.09 EASTMAN CHEMICAL CO. "SAFLEX"/1/4" AN)
2. 1/2" THICK LAMINATED GLASS (3/16" AN/0.075 EASTMAN CHEMICAL CO. "SAFLEX CP"/1/4" AN)



SECTION G3

SCALE: 1/2 FULL

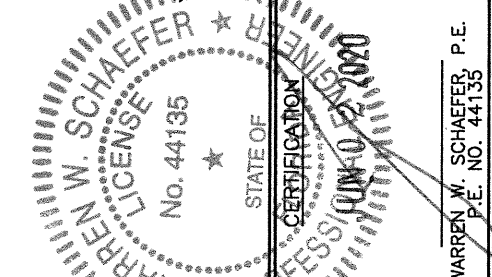
(SEE DETAIL A/6 FOR DETAILS NOT SHOWN)



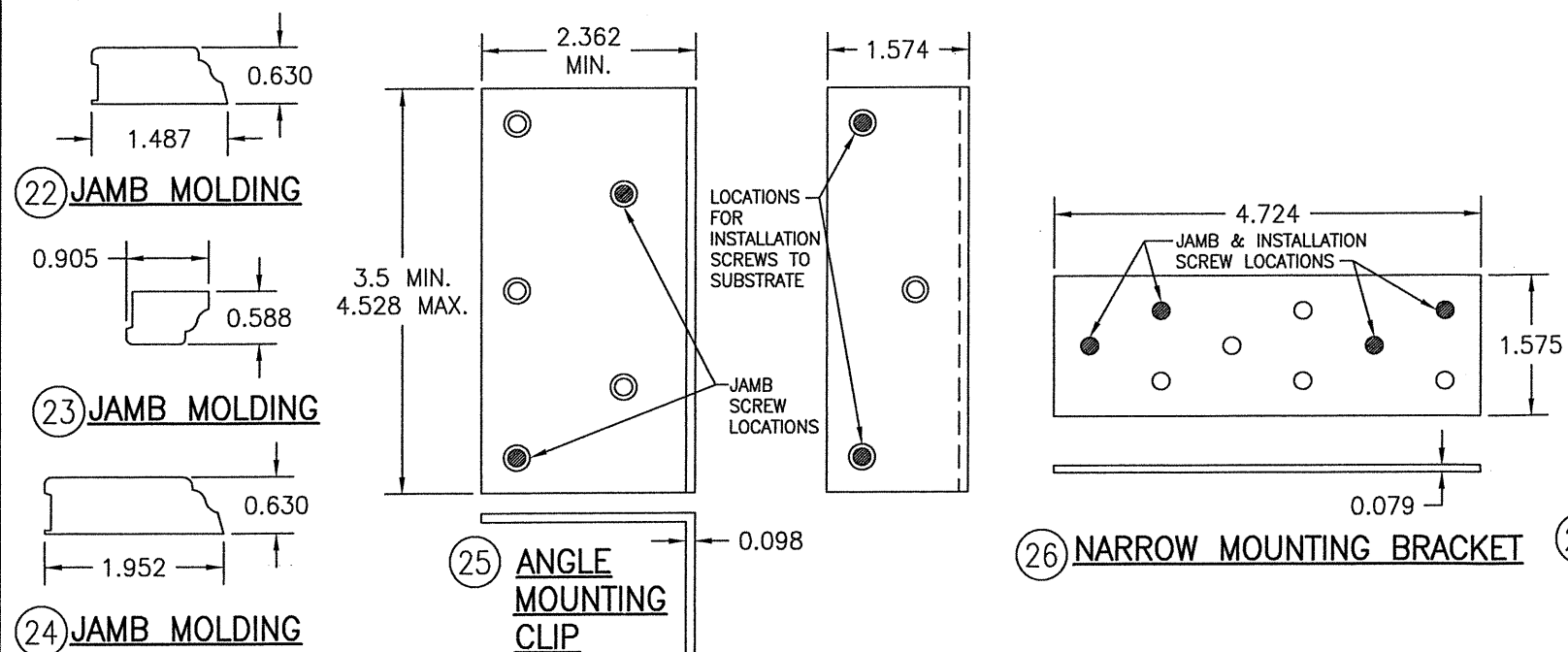
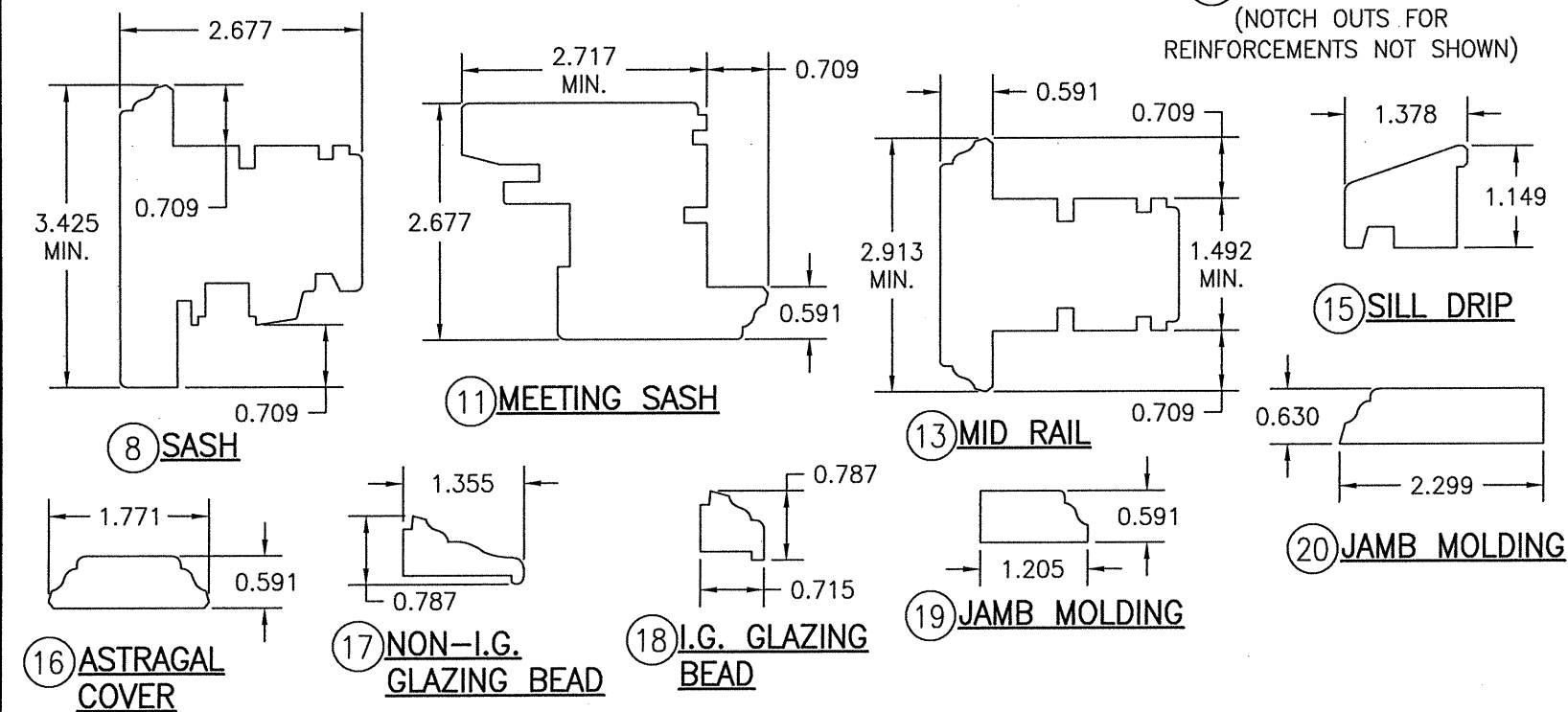
SECTION G4

SCALE: 1/2 FULL

(SEE DETAIL A/6 FOR DETAILS NOT SHOWN)

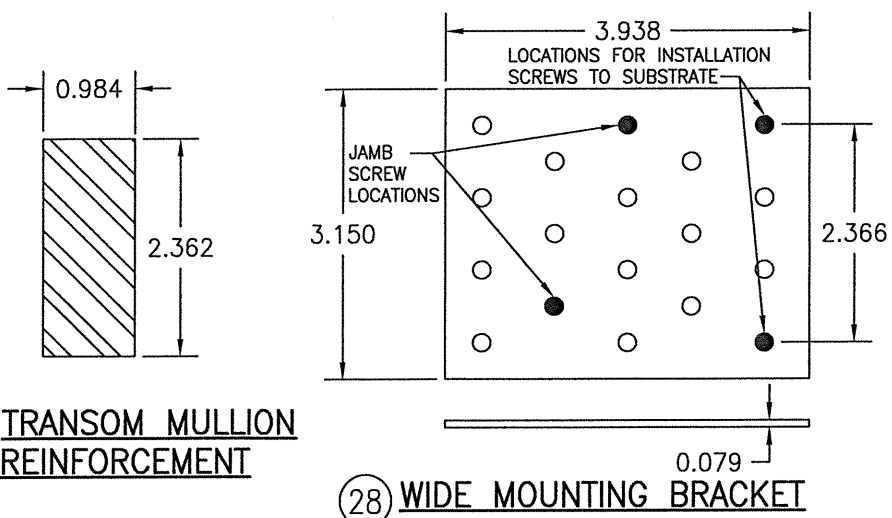


DRAWN BY: S.T.R.	CHECKED BY: W.W.S.
PLOT: 1=2	DATE: 1/3/05
DATE	BY
REVISION DESCRIPTION	NO.
AMERICAN OUT-SWING CASEMENT IMPACT WOOD WINDOWS PEETZ WINDOWS & DOORS 15951 S.W. 41ST STREET, SUITE 150 WESTON, FL 33331 954-659-3887 W. W. SCHAEFER ENGINEERING & CONSULTING, P.A. (CA 6809) 7480 150TH COURT NORTH PALM BEACH GARDENS, FL 33418 PHONE: 561-744-3424 WARREN W. SCHAEFER, P.E. P.E. NO. 44135	
DRAWING NO. 1320	REV. D
SHEET NO. 9	OF 10



ITEM #	ITEM DESCRIPTION	MANUFACTURER/NOTES
PARTS		
1	HEAD AND SIDE JAMB	WOOD
2	SILL (OUTSWING)	WOOD
5	MULLION JAMB	WOOD
8	SASH (OUTSWING)	WOOD
11	MEETING SASH (OUTSWING)	WOOD
13	MID RAIL	WOOD
15	SILL DRIP	WOOD
16	ASTRAGAL COVER	WOOD
17	NON-I.G. GLAZING BEAD	WOOD
18	I.G. GLAZING BEAD	WOOD
19	JAMB MOLDING	WOOD
20	JAMB MOLDING	WOOD
22	JAMB MOLDING	WOOD
23	JAMB MOLDING	WOOD
24	JAMB MOLDING	WOOD
25	FRAME MOUNTING CLIP	GALVANIZED 34.1 KSI STEEL OR S.S.
26	NARROW MOUNTING BRACKET	GALVANIZED 34.1 KSI STEEL OR S.S.
27	MULLION REINFORCEMENT	A36 STEEL (FY = 36 KSI)
28	WIDE MOUNTING BRACKET	GALVANIZED 34.1 KSI STEEL OR S.S.
HARDWARE		
30	LOCK HANDLE	AS REQUIRED TO OPERATE LOCKS
31	MULTI-POINT LOCK SYSTEM	GU, ROTO OR SIEGENIA MUSHROOM CAM SYSTEM
32	HINGE (2 3/16" X 5 1/2")	BRASS, PLATED STEEL, OR S.S. BY BROS
SEALS AND SEALANTS		
36	SWEEP	GTG EPDM
37	COMPRESSION SEAL	SCHLEGEL
38	3/8" X 3/16" PRECOM PRESSED TAPE	N/A
FASTENERS		
40	.295" X 3 5/8" AMO III GALVANIZED STEEL SCREWS	5 1/2" FROM INNER CORNERS & 14" O.C.
41	OPTIONAL 18 GA. X 1 1/4" GALVANIZED CURVED NAIL	10" FROM CORNERS & 20" O.C.
42	3/16" X 1 3/16" SCREWS	4 PER HINGE (@ DOOR)
43	3/16" X 2 3/4" SCREWS	4 PER HINGE (@ JAMB)

NOTE: WOOD USED IN TESTING WAS MAHOGANY WITH A SPECIFIC GRAVITY OF $G = 0.46$ AND A MODULUS OF ELASTICITY OF $E = 1,500,000$ PSI. OTHER WOOD SPECIES APPLICABLE FOR USE WITH THIS PRODUCT ARE THOSE WITH A SPECIFIC GRAVITY OF 0.46 AND MODULUS OF ELASTICITY OF 1,500,000 PSI OR GREATER. ALL WOOD IS MINIMUM GRADE 2 MILLED BY PEETZ WINDOWS & DOORS TO SELECT.

[illegible]