

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.

LOCKING BOLT QUANTITY REQUIREMENTS WITH LOCKING HARDWARE ITEM #78

(1) SASH HEIGHT	QUANTITY PER PANEL
OVER 104 1/2"	(2) 5
89" TO 104 1/2"	(3) 4
LESS THAN 89"	(4) 3

- (1) SASH HEIGHT DIMENSIONS ARE APPROXIMATELY 5" LESS THAN THE FRAME HEIGHT.
- (2) 5 POINT LOCKING BOLT POSITIONS CONSIST OF THE BOTTOM 4 BOLTS LOCATED 10 3/8", 47 3/8", 75 7/16" & 85 5/16" FROM BOTTOM OF SASH & THE TOP BOLT LOCATED 7 3/4" FROM TOP OF SASH.
- (3) 4 POINT LOCKING BOLT POSITIONS CONSIST OF THE BOTTOM 3 BOLTS LOCATED 10 3/8", 47 3/8" & 75 7/16" FROM BOTTOM OF SASH & THE TOP BOLT LOCATED 7 3/4" FROM TOP OF SASH.
- (4) 3 POINT LOCKING BOLT POSITIONS CONSIST OF THE BOTTOM 3 BOLTS LOCATED 10 3/8" & 47 3/8" FROM BOTTOM OF SASH & THE TOP BOLT LOCATED 7 3/4" FROM TOP OF SASH.

LOCKING BOLT QUANTITY REQUIREMENTS WITH LOCKING HARDWARE ITEM #79

(1) SASH HEIGHT	QUANTITY PER PANEL
OVER 90 3/8"	(2) 3
90 3/8" & LESS	(3) 2

- (1) SASH HEIGHT DIMENSIONS ARE APPROXIMATELY 5" LESS THAN THE FRAME HEIGHT.
- (2) 3 POINT LOCKING BOLT POSITIONS ARE 9 7/8", 47 1/4" & 86 5/8" FROM BOTTOM OF SASH.
- (3) 2 POINT LOCKING BOLT POSITIONS ARE 9 7/8" & 47 1/4" FROM BOTTOM OF SASH.

INTERLOCK QUANTITY REQUIREMENTS

(1) SASH HEIGHT	QUANTITY PER PANEL
OVER 84 7/8"	4
LESS THAN 84 7/8"	3

(1) SASH HEIGHT DIMENSIONS ARE APPROXIMATELY 5" LESS THAN THE FRAME HEIGHT

(1) SILL LOCK BOLT QUANTITY REQUIREMENTS

2 PER DOOR PANEL

(1) SILL LOCK BOLT IS ONLY REQ'D WITH FLUSH MOUNT SILL

ALLOWABLE DESIGN PRESSURE (ALL DOOR CONDITIONS)

+/-70 PSF

FRAME ANCHOR REQUIREMENTS TABLE

(1) OPENING TYPE (SUBSTRATE)	FRAME/CLIP TO OPENING FASTENER TYPE	MINIMUM EMBED	MINIMUM EDGE DIST.
FRAME SCREWS			
MIN. 2X_ WOOD FRAME OR BUCK (MIN. GR. 3 & G=0.55)	1/4" CONCRETE SCREW	1 1/4"	1 1/2"
MIN. 16 GA. 33 KSI METAL STUD	1/4" GR. 5 SELF TAP/DRILL SCREW	FULL	1 1/2"
MIN. 1/8" THK A36 STEEL	1/4" GR. 5 SELF TAP/DRILL SCREW	FULL	1 1/2"
MIN. 1/8" THK 6063-T5 ALUM.	1/4" GR. 5 SELF TAP/DRILL SCREW	FULL	1 1/2"
(3)C-90 CMU/2500 PSI CONCRETE	(2) 1/4" CONCRETE SCREW	1 1/2"	2 1/2"
MOUNTING CLIP SCREWS			
MIN. 2X_ WOOD FRAME OR BUCK (MIN. GR. 3 & G=0.55)	NO. 8 X 1 1/2" SMS	1 3/8"	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) SUPPORTING SUBSTRATE DEPTH SHALL BE SUCH THAT ALL DOOR FRAME/SILL MEMBER EDGES DO NOT EXTEND MORE THAN 1 1/2" PAST THE SUPPORTING SUBSTRATE EDGES.
- (2) 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.).
- (3) CMU IS APPLICABLE AT SIDES ONLY (NOT AT HEAD OR SILL)

CORNER CONSTRUCTION:

FRAME HEAD TO JAMB: JAMB MEMBERS ARE COPED, BUTTED & JOINED TO HEAD WITH NO. 10" X 4 3/4" WOOD SCREWS & GLUED/SEALED WITH BINDAN D4; (6 SCREWS REQ'D WITH 4 & 3 PANEL DEEP FRAMES, 4 SCREWS REQ'D WITH 2 PANEL DEEP FRAMES & 3 SCREWS REQ'D WITH 1 PANEL DEEP FRAMES)

FRAME HEAD TO HEAD (90 DEG. CORNER CONDITION): SEE DETAILS ON SHEET 31.

STANDARD SILL TO JAMB OPTION 1: JAMB MEMBERS ARE COPED, BUTTED, JOINED TO SILL WITH M8 X 1 9/16" MACHINE SCREWS THRU THE SILL BASE INTO THE JAMB MEMBERS THREADED INSERT & SEALED WITH SG20 SILICONE (4 SCREWS REQ'D WITH 4 PANEL DEEP FRAMES; 3 SCREWS REQ'D WITH 3 PANEL DEEP FRAMES; 2 SCREWS REQ'D WITH 2 & 1 PANEL DEEP FRAMES).

STANDARD SILL TO JAMB OPTION 2: JAMB MEMBERS ARE SQUARE CUT, BUTTED, JOINED TO SILL WITH M8 (OR NO. 10) X 3 15/16" CYLINDER SCREWS THRU THE SILL BASE INTO THE JAMB MEMBERS DOWELS & SEALED WITH A RUBBER GASKET; (3 SCREWS REQ'D WITH 4 & 3 PANEL DEEP FRAMES; 2 SCREWS REQ'D WITH 2 & 1 PANEL DEEP FRAMES).

FLUSH MOUNT SILL TO JAMB: JAMB MEMBERS ARE SQUARE CUT, BUTTED, JOINED TO SILL WITH M8 X 4 3/4" WOOD SCREWS THRU THE SILL BASE INTO THE JAMB MEMBERS; (5 SCREWS REQ'D WITH 4 & 3 PANEL DEEP FRAMES; 3 SCREWS REQ'D WITH 2 & 1 PANEL DEEP FRAMES). ENDS ARE SEALED WITH SG20 SILICONE SEALANT.

FLUSH MOUNT SILL TO FLUSH MOUNT SILL (90 DEG. CORNER CONDITION): SEE DETAIL ON SHEET 32.

TOP RAIL TO STILE: MEMBERS ARE COPPED, BUTTED, JOINED WITH SIX(6) 0.394" X 3.150" DOWELS & GLUED/SEALED WITH BINDAN D4.

BOTTOM RAIL TO STILE: MEMBERS ARE COPPED, BUTTED, JOINED WITH TEN(10) 0.394" X 3.150" DOWELS & GLUED/SEALED WITH BINDAN D4.

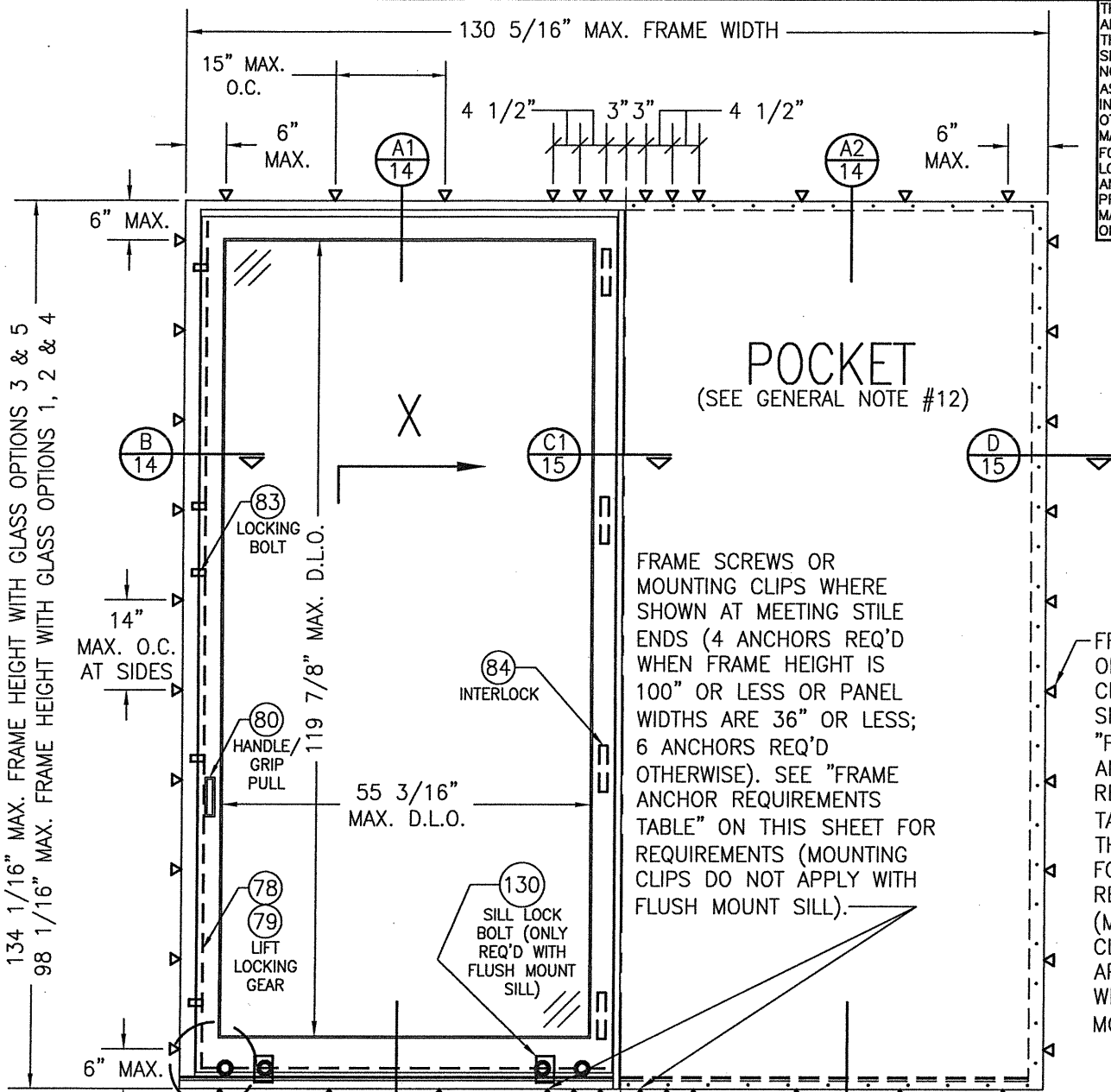
SEE CORNER CONSTRUCTION DESCRIPTIONS ON THIS SHEET

EXTERIOR ELEVATION:

1 PANEL DEEP X DOOR WITH POCKET

SCALE: 1/2" = 1'-0"

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.

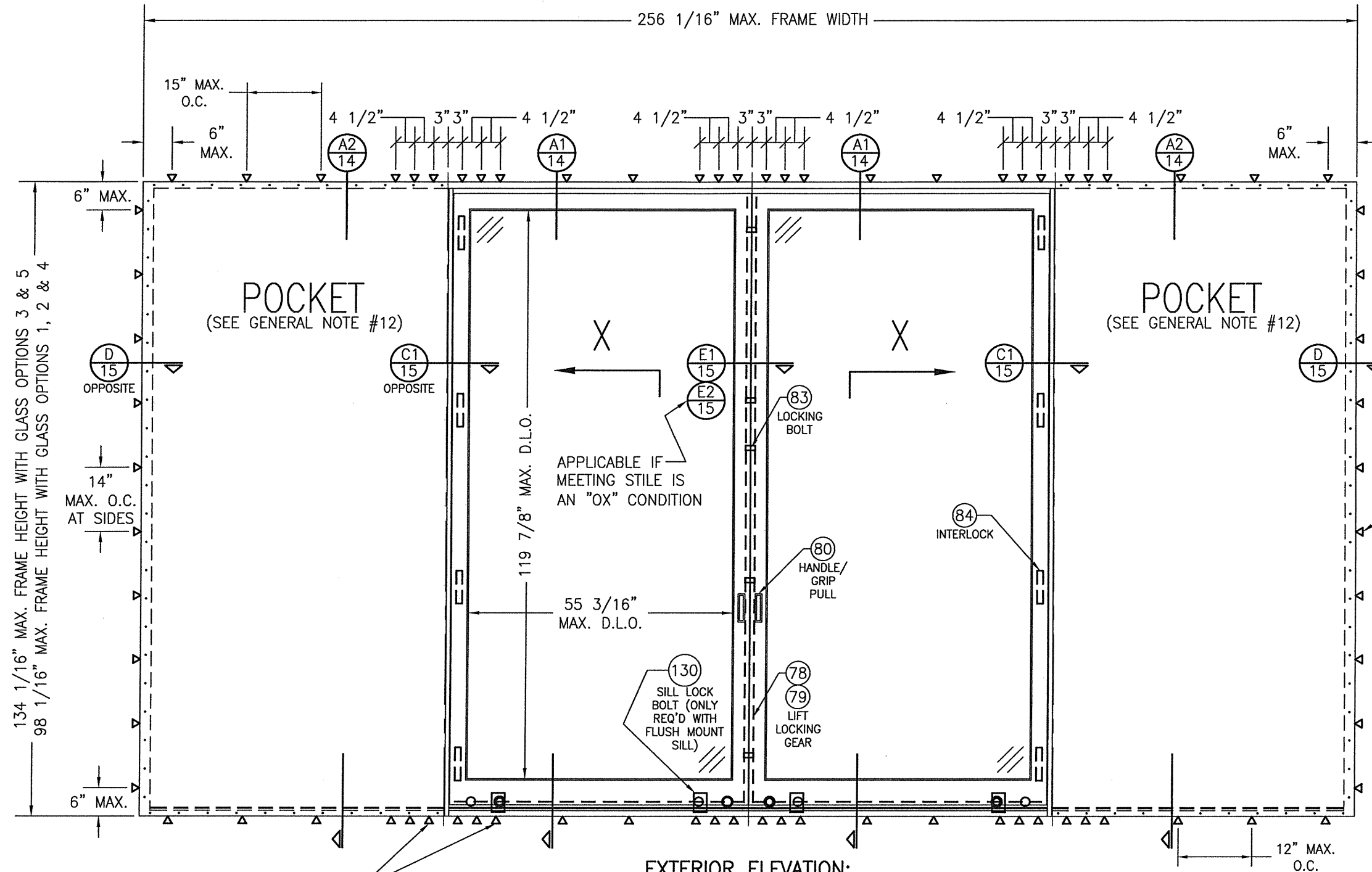


THESE DRAWINGS ARE APPLICABLE ONLY TO THE PRODUCT SPECIFIED. THEY MAY NOT BE USED FOR THE ASSEMBLY AND/OR INSTALLATION OF ANY OTHER PRODUCT NOR MAY THEY BE USED FOR RATIONAL AND/OR LOCAL APPROVAL OF ANY PRODUCT NOT PRODUCED BY THE MANUFACTURER STATED ON THESE DRAWINGS.

FRAME SCREWS OR MOUNTING CLIPS WHERE SHOWN AT MEETING STILE ENDS (4 ANCHORS REQ'D WHEN FRAME HEIGHT IS 100" OR LESS OR PANEL WIDTHS ARE 36" OR LESS; 6 ANCHORS REQ'D OTHERWISE). SEE "FRAME ANCHOR REQUIREMENTS TABLE" ON THIS SHEET FOR REQUIREMENTS (MOUNTING CLIPS DO NOT APPLY WITH FLUSH MOUNT SILL).

FRAME SCREWS OR MOUNTING CLIPS WHERE SHOWN. SEE "FRAME ANCHOR REQUIREMENTS TABLE" ON THIS SHEET FOR REQUIREMENTS (MOUNTING CLIPS DO NOT APPLY AT SILL WITH FLUSH MOUNT SILL).

DRAWN BY: S.T.R.		CHECKED BY: W.W.S.	
PLOT: 1=24		DATE: 3/18/05	
NO.	REVISION DESCRIPTION	BY	DATE
B1	CHANGE CONSULTANTS ADDRESS	W.R.M.	10/19/11
C1	ADDED CORNER CONDITION, FLUSH MOUNT SILL & MOTOR OPERATOR	W.R.M.	06/13/13
D1	UPDATE TO PRESENT STANDARDS	W.W.S.	04/07/15
E1	CHANGE TO STATE APPROVAL	W.W.S.	04/16/20
DRAWING TITLE LIFT & SLIDE WOOD SLIDING GLASS IMPACT DOORS			
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			
CERTIFICATION OFFICIAL SEAL OF THE STATE OF FLORIDA JUN 02 2008 WARREN W. SCHAEFER, P.E. P.E. NO. 44135			
DRAWING NO. 1321		REV. E	
SHEET NO. 1 OF 38			



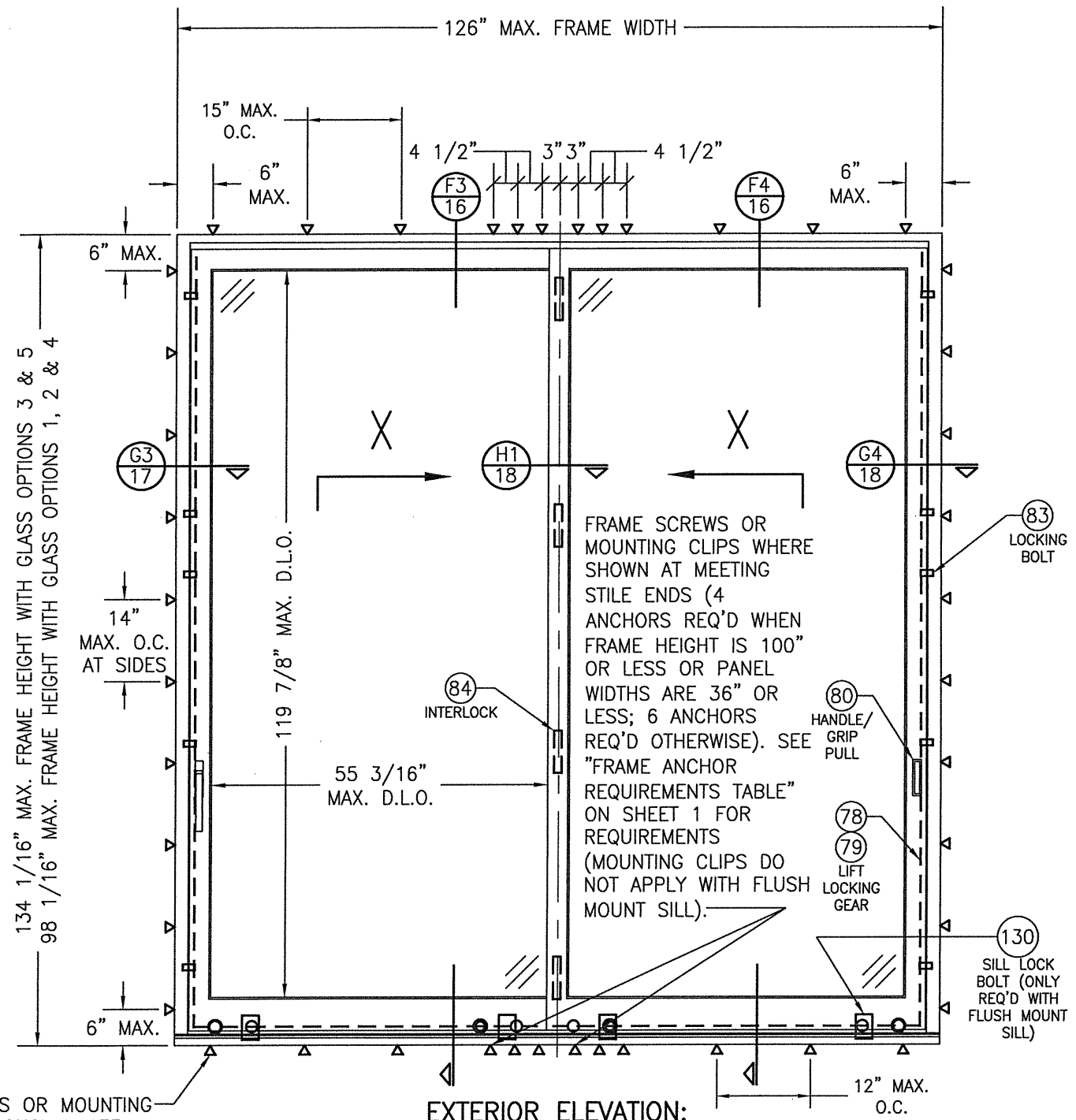
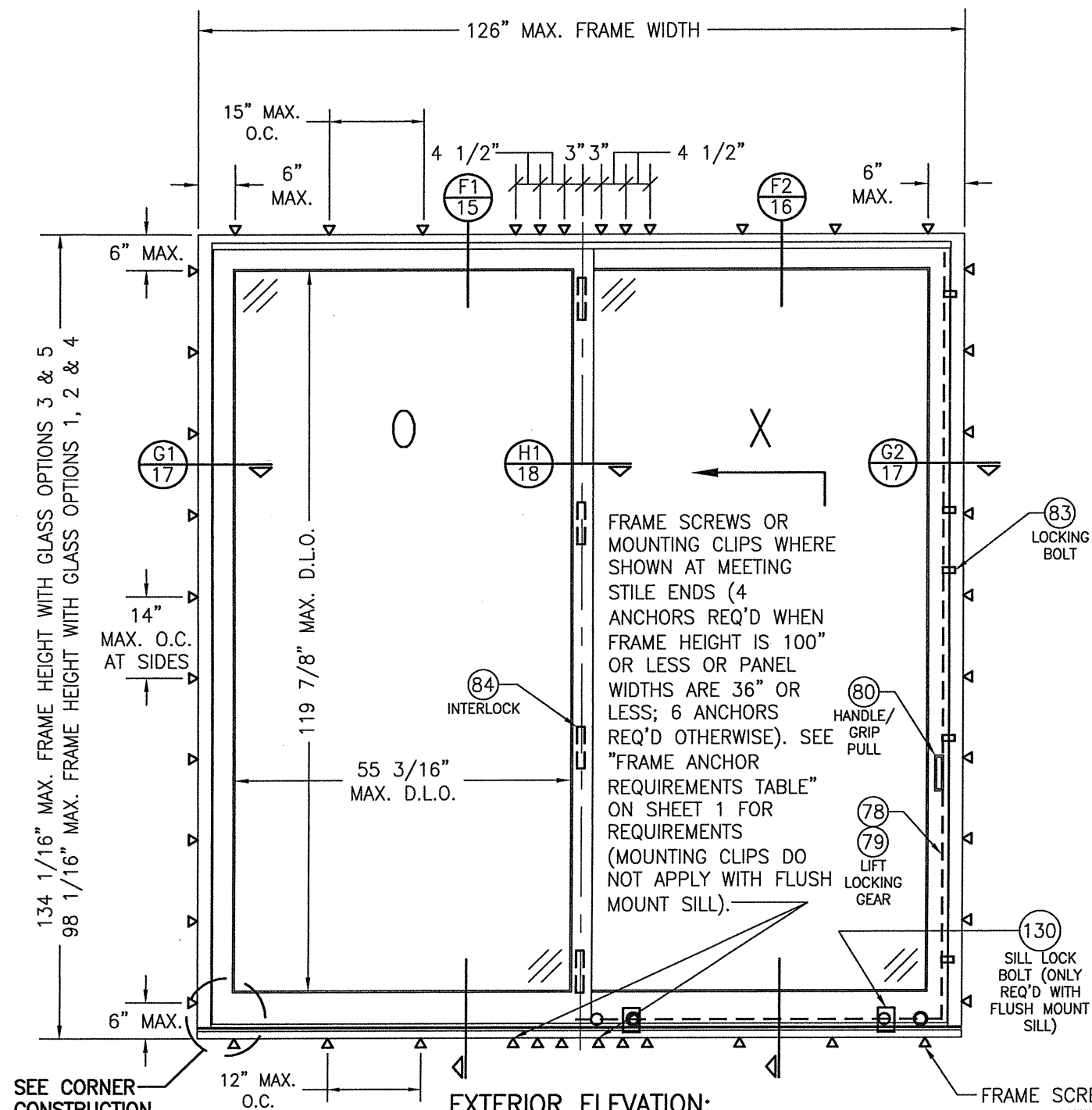
FRAME SCREWS OR MOUNTING CLIPS WHERE SHOWN AT MEETING STILE ENDS (4 ANCHORS REQ'D WHEN FRAME HEIGHT IS 100" OR LESS OR PANEL WIDTHS ARE 36" OR LESS; 6 ANCHORS REQ'D OTHERWISE). SEE "FRAME ANCHOR REQUIREMENTS TABLE" ON SHEET 1 FOR REQUIREMENTS (MOUNTING CLIPS DO NOT APPLY WITH FLUSH MOUNT SILL).

EXTERIOR ELEVATION:
1 PANEL DEEP X-X DOOR WITH POCKETS
 SCALE: 1/2" = 1'-0"

FOR SIMPLIFICATION, ONLY FRAME & SASH PROJECTION LINES ARE SHOWN FOR THESE ELEVATIONS

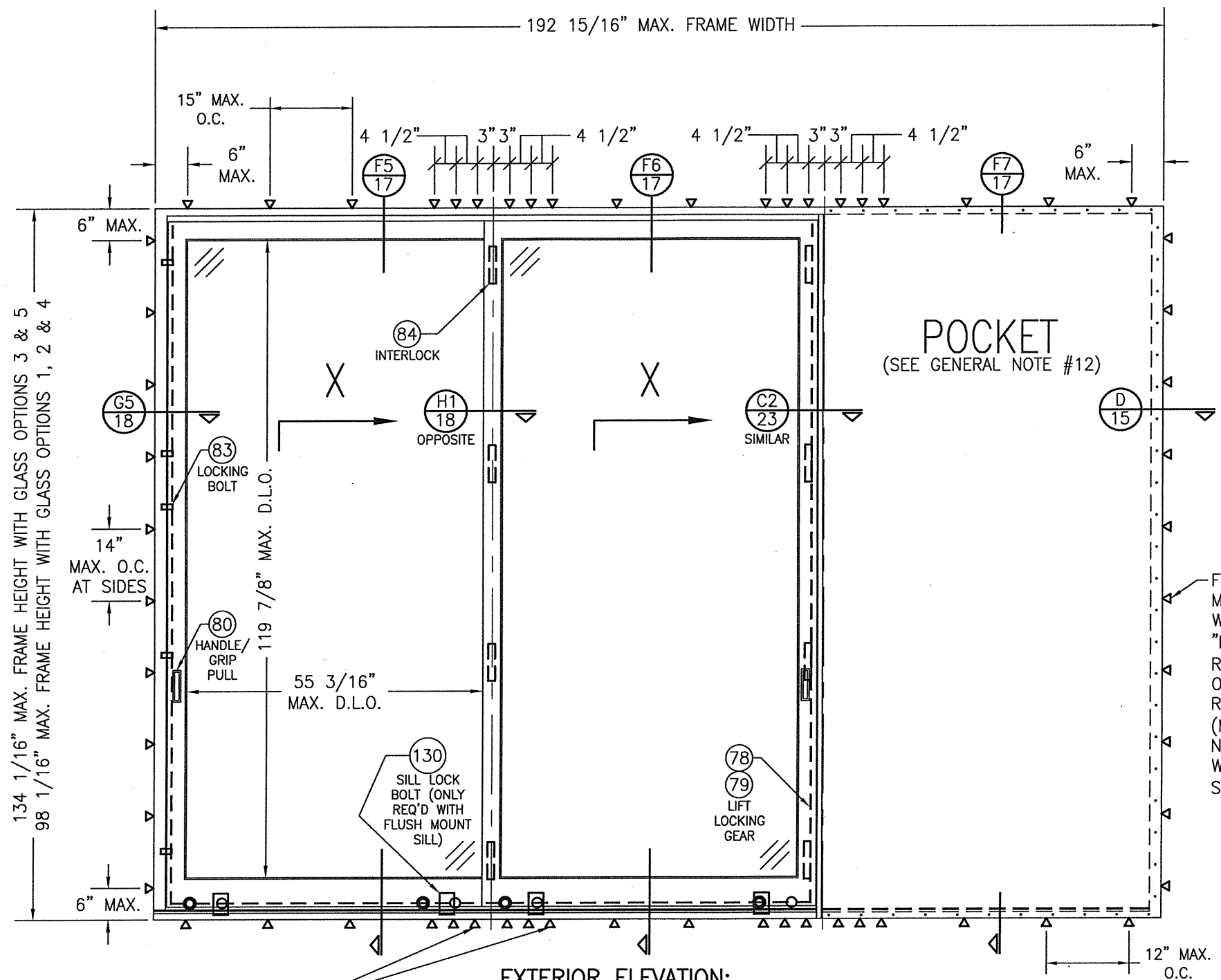
FRAME SCREWS OR MOUNTING CLIPS WHERE SHOWN. SEE "FRAME ANCHOR REQUIREMENTS TABLE" ON SHEET 1 FOR REQUIREMENTS (MOUNTING CLIPS DO NOT APPLY AT SILL WITH FLUSH MOUNT SILL).

DRAWN BY: S.T.R.		CHECKED BY: W.W.S.	
PLOT: 1=24		DATE: 3/18/05	
NO.	REVISION DESCRIPTION	BY	DATE
DRAWING TITLE LIFT & SLIDE WOOD SLIDING GLASS IMPACT DOORS			
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	
CERTIFICATION JUN 02 2020 WARREN W. SCHAEFER, P.E. P.E. NO. 44135		DRAWING NO. 1321	
SHEET NO. 2 OF 38		REV. E	



FOR SIMPLIFICATION, ONLY FRAME & SASH PROJECTION LINES ARE SHOWN FOR THESE ELEVATIONS

DRAWN BY: S.T.R.	CHECKED BY: W.W.S.
PLOT: 1=24	DATE: 3/18/05
NO.	REVISION DESCRIPTION
DATE	BY
DRAWING TITLE LIFT & SLIDE WOOD SLIDING GLASS IMPACT DOORS	
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	
CERTIFICATION FLORIDA PROFESSIONAL ENGINEER WARREN W. SCHAEFER, P.E. No. 44135	
DRAWING NO. 1321	REV. E
SHEET NO. 3 OF 38	

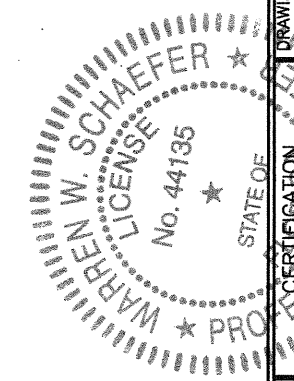


FRAME SCREWS OR MOUNTING CLIPS WHERE SHOWN AT MEETING STILE ENDS (4 ANCHORS REQ'D WHEN FRAME HEIGHT IS 100" OR LESS OR PANEL WIDTHS ARE 36" OR LESS; 6 ANCHORS REQ'D OTHERWISE). SEE "FRAME ANCHOR REQUIREMENTS TABLE" ON SHEET 1 FOR REQUIREMENTS (MOUNTING CLIPS DO NOT APPLY WITH FLUSH MOUNT SILL).

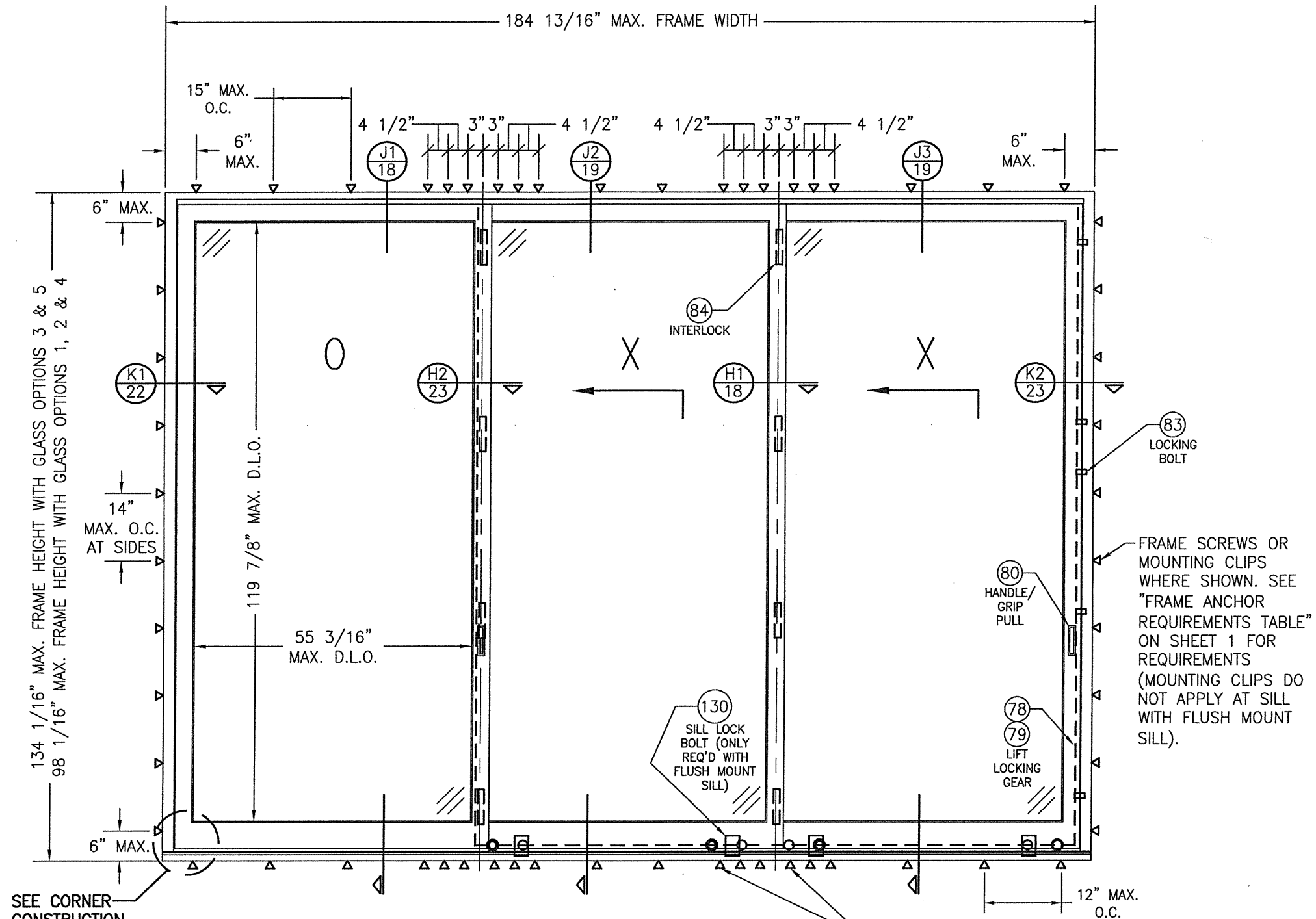
EXTERIOR ELEVATION:
2 PANEL DEEP XX DOOR WITH POCKET
 SCALE: 1/2" = 1'-0"
 SEE APPROVED CONFIGURATIONS ON SHEET 13 FOR ADDITIONAL 2-DEEP PANEL CONFIGURATIONS

FOR SIMPLIFICATION, ONLY FRAME & SASH PROJECTION LINES ARE SHOWN FOR THESE ELEVATIONS

FRAME SCREWS OR MOUNTING CLIPS WHERE SHOWN. SEE "FRAME ANCHOR REQUIREMENTS TABLE" ON SHEET 1 FOR REQUIREMENTS (MOUNTING CLIPS DO NOT APPLY AT SILL WITH FLUSH MOUNT SILL).



DRAWN BY: S.T.R.		CHECKED BY: W.W.S.	
PLOT: 1=24		DATE: 3/18/05	
NO.	REVISION DESCRIPTION	BY	DATE
DRAWING TITLE LIFT & SLIDE WOOD SLIDING GLASS IMPACT DOORS			
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	
WARREN W. SCHAEFER, P.E. P.E. NO. 44135		DRAWING NO. 1321	
		REV. E	
		SHEET NO. 5 OF 38	

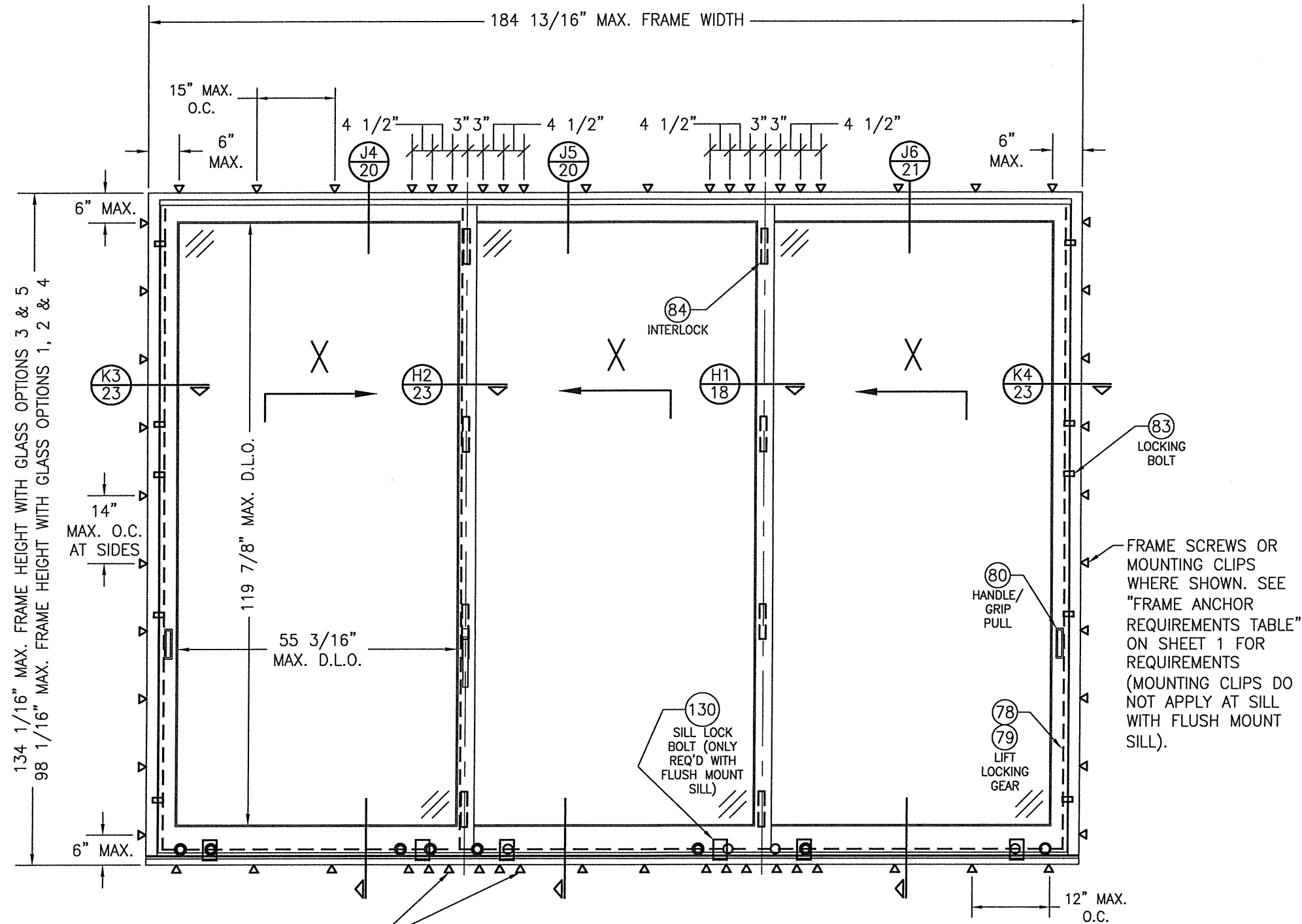


**EXTERIOR ELEVATION:
3 PANEL DEEP OXX DOOR WITHOUT POCKETS**

SCALE: 1/2" = 1'-0"
SEE APPROVED CONFIGURATIONS ON SHEET 13 FOR
ADDITIONAL 3-DEEP PANEL CONFIGURATIONS

FOR SIMPLIFICATION, ONLY FRAME
& SASH PROJECTION LINES ARE
SHOWN FOR THESE ELEVATIONS

DRAWN BY: S.T.R.		CHECKED BY: W.W.S.	
PLOT: 1=24		DATE: 3/18/05	
NO.	REVISION DESCRIPTION	BY	DATE
DRAWING TITLE LIFT & SLIDE WOOD SLIDING GLASS IMPACT DOORS			
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 LICENSE No. 44135 P.E.		DRAWING NO. 1321	
SHEET NO. 6 OF 38		REV. F	



FRAME SCREWS OR MOUNTING CLIPS WHERE SHOWN AT MEETING STILE ENDS (4 ANCHORS REQ'D WHEN FRAME HEIGHT IS 100" OR LESS OR PANEL WIDTHS ARE 36" OR LESS; 6 ANCHORS REQ'D OTHERWISE). SEE "FRAME ANCHOR REQUIREMENTS TABLE" ON SHEET 1 FOR REQUIREMENTS (MOUNTING CLIPS DO NOT APPLY WITH FLUSH MOUNT SILL).

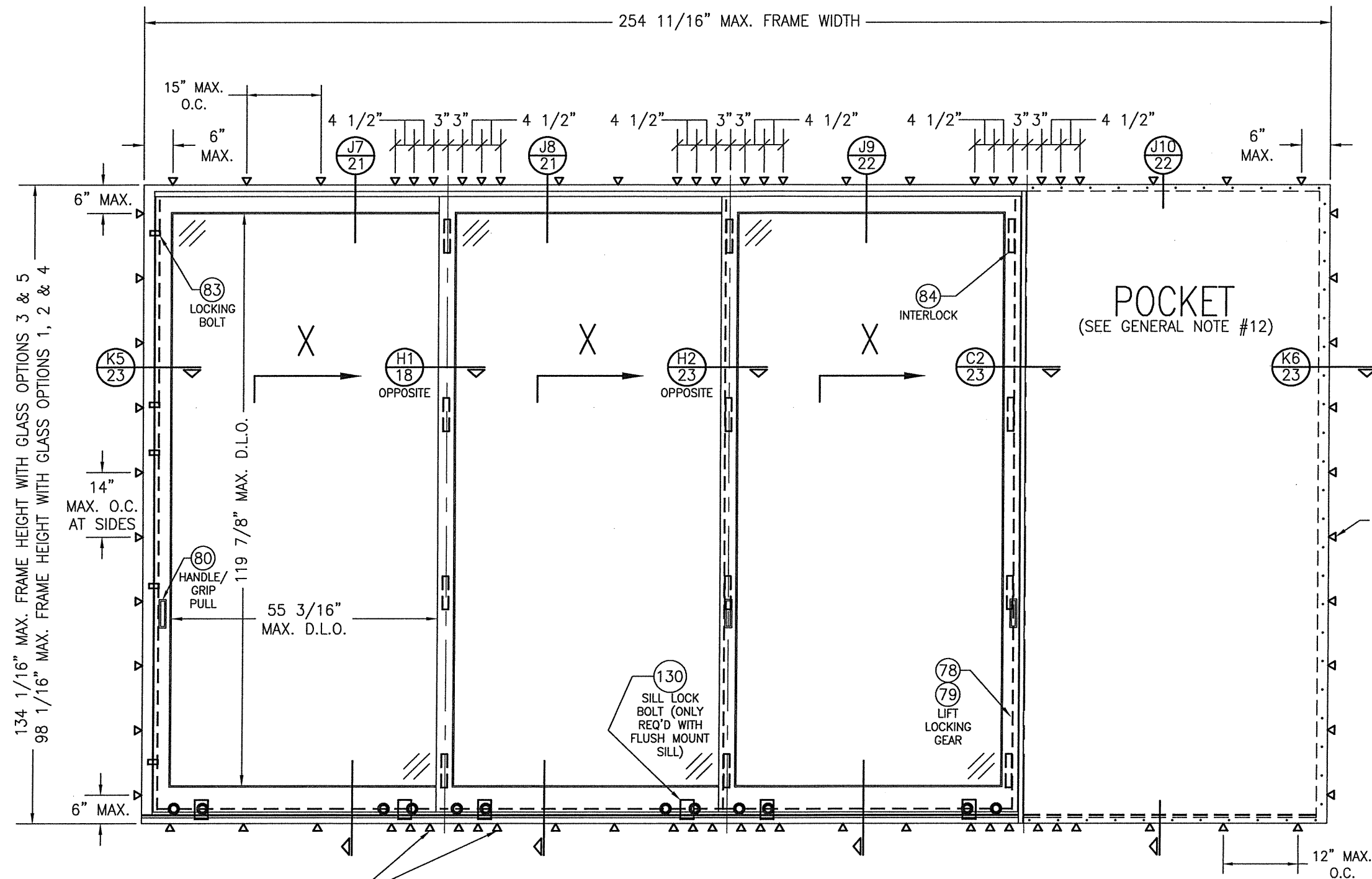
**EXTERIOR ELEVATION:
3 PANEL DEEP XXX DOOR WITHOUT
POCKETS**

SCALE: 1/2" = 1'-0"

SEE APPROVED CONFIGURATIONS ON SHEET 13 FOR
ADDITIONAL 3-DEEP PANEL CONFIGURATIONS

FOR SIMPLIFICATION, ONLY FRAME
& SASH PROJECTION LINES ARE
SHOWN FOR THESE ELEVATIONS

DRAWN BY: S.T.R.		CHECKED BY: W.W.S.	
PLOT: 1=24		DATE: 3/18/05	
NO.	REVISION DESCRIPTION	BY	DATE
DRAWING TITLE LIFT & SLIDE WOOD SLIDING GLASS IMPACT DOORS			
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 LICENSE No. 44135 FLORIDA JUN 10 2020 PROFESSIONAL ENGINEER		WARREN W. SCHAEFER, P.E. P.E. NO. 44135	
DRAWING NO. 1321		REV. E	
SHEET NO. 7		OF 38	



FRAME SCREWS OR MOUNTING CLIPS WHERE SHOWN AT MEETING STILE ENDS (4 ANCHORS REQ'D WHEN FRAME HEIGHT IS 100" OR LESS OR PANEL WIDTHS ARE 36" OR LESS; 6 ANCHORS REQ'D OTHERWISE). SEE "FRAME ANCHOR REQUIREMENTS TABLE" ON SHEET 1 FOR REQUIREMENTS (MOUNTING CLIPS DO NOT APPLY WITH FLUSH MOUNT SILL).

**EXTERIOR ELEVATION:
3 PANEL DEEP XXX DOOR WITH POCKET**

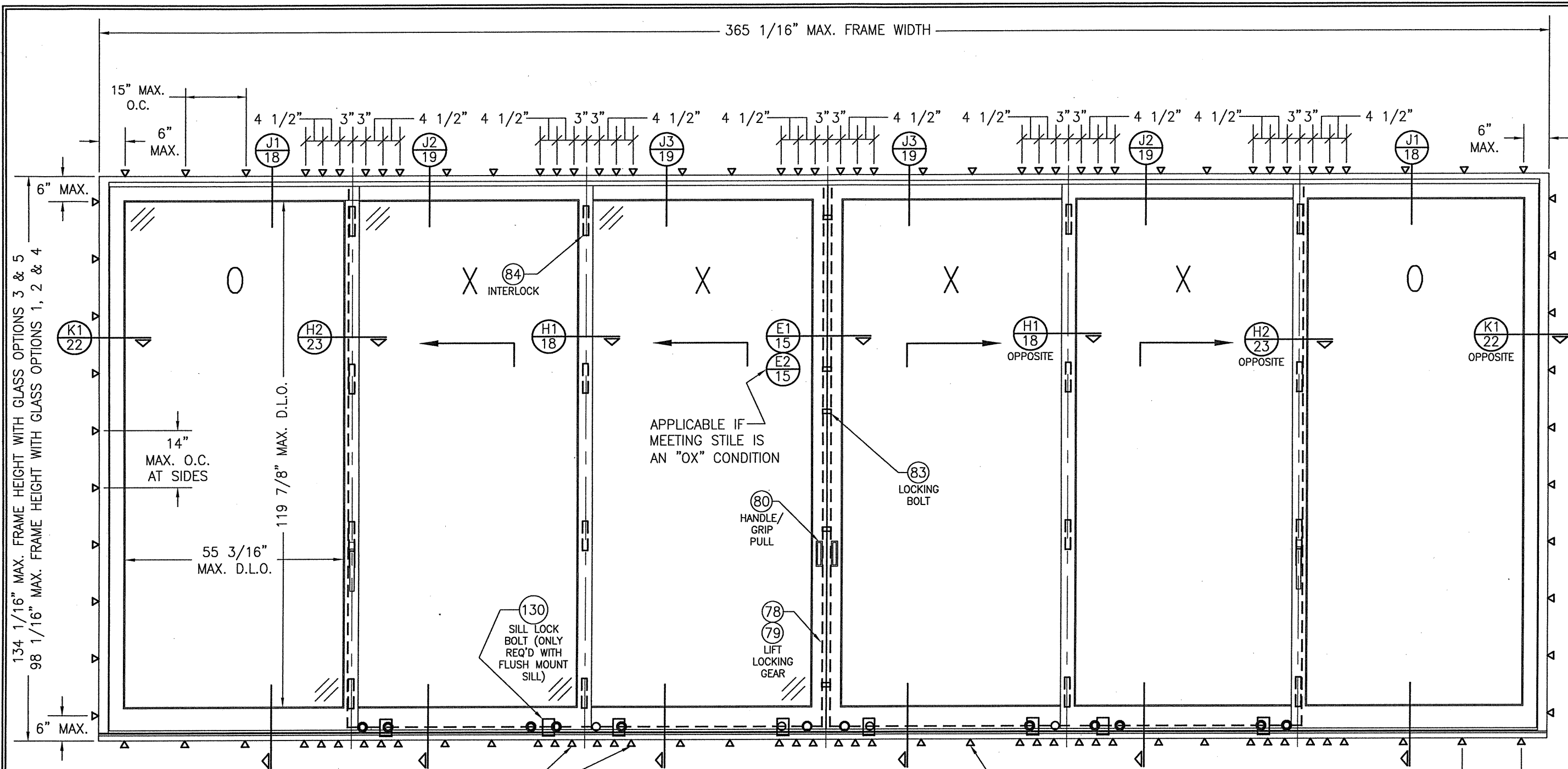
SCALE: 1/2" = 1'-0"

SEE APPROVED CONFIGURATIONS ON SHEET 13 FOR ADDITIONAL 3-DEEP PANEL CONFIGURATIONS

FOR SIMPLIFICATION, ONLY FRAME & SASH PROJECTION LINES ARE SHOWN FOR THESE ELEVATIONS

FRAME SCREWS OR MOUNTING CLIPS WHERE SHOWN. SEE "FRAME ANCHOR REQUIREMENTS TABLE" ON SHEET 1 FOR REQUIREMENTS (MOUNTING CLIPS DO NOT APPLY AT SILL WITH FLUSH MOUNT SILL).

DRAWN BY: S.T.R.		CHECKED BY: W.W.S.	
PLOT: 1=24		DATE: 3/18/05	
NO.	REVISION	DESCRIPTION	DATE
DRAWING TITLE LIFT & SLIDE WOOD SLIDING GLASS IMPACT DOORS			
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 No. 44135 STATE OF FLORIDA PROFESSIONAL ENGINEER JUN 10 2020		WARREN W. SCHAEFER, P.E. REV. NO. 44135	
DRAWING NO. 1321		REV. E	
SHEET NO. 8		OF 38	



FRAME SCREWS OR MOUNTING CLIPS WHERE SHOWN AT MEETING STILE ENDS (4 ANCHORS REQ'D WHEN FRAME HEIGHT IS 100" OR LESS OR PANEL WIDTHS ARE 36" OR LESS; 6 ANCHORS REQ'D OTHERWISE). SEE "FRAME ANCHOR REQUIREMENTS TABLE" ON SHEET 1 FOR REQUIREMENTS (MOUNTING CLIPS DO NOT APPLY WITH FLUSH MOUNT SILL).

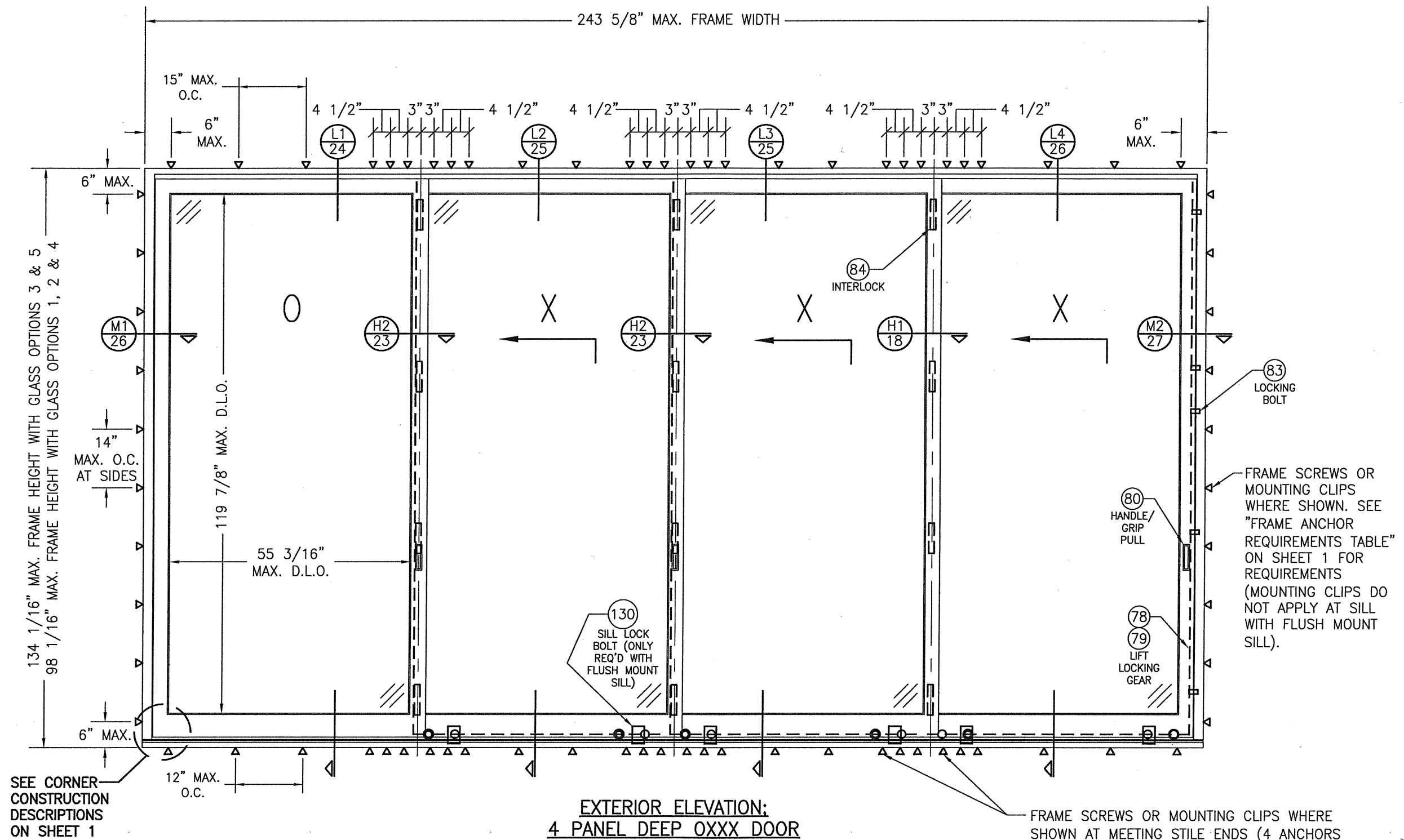
EXTERIOR ELEVATION: 3 PANEL DEEP OXXXXO DOOR WITHOUT POCKETS

SCALE: N.T.S.
SEE APPROVED CONFIGURATIONS ON SHEET 13 FOR ADDITIONAL 3-DEEP PANEL CONFIGURATIONS

FOR SIMPLIFICATION, ONLY FRAME & SASH PROJECTION LINES ARE SHOWN FOR THESE ELEVATIONS

FRAME SCREWS OR MOUNTING CLIPS WHERE SHOWN. SEE "FRAME ANCHOR REQUIREMENTS TABLE" ON SHEET 1 FOR REQUIREMENTS (MOUNTING CLIPS DO NOT APPLY AT SILL WITH FLUSH MOUNT SILL).

DRAWN BY: S.T.R.		CHECKED BY: W.W.S.	
PLOT: 1=24		DATE: 3/18/05	
DATE	BY	REVISION DESCRIPTION	NO.
DRAWING TITLE LIFT & SLIDE WOOD SLIDING GLASS IMPACT DOORS 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			
CERTIFICATION WARREN W. SCHAEFER No. 44135 STATE OF FLORIDA PROFESSIONAL ENGINEER JUN 01 2020 WARREN W. SCHAEFER, P.E. P.E. NO. 44135			
DRAWING NO. 1321		REV. E	
SHEET NO. 9		OF 38	



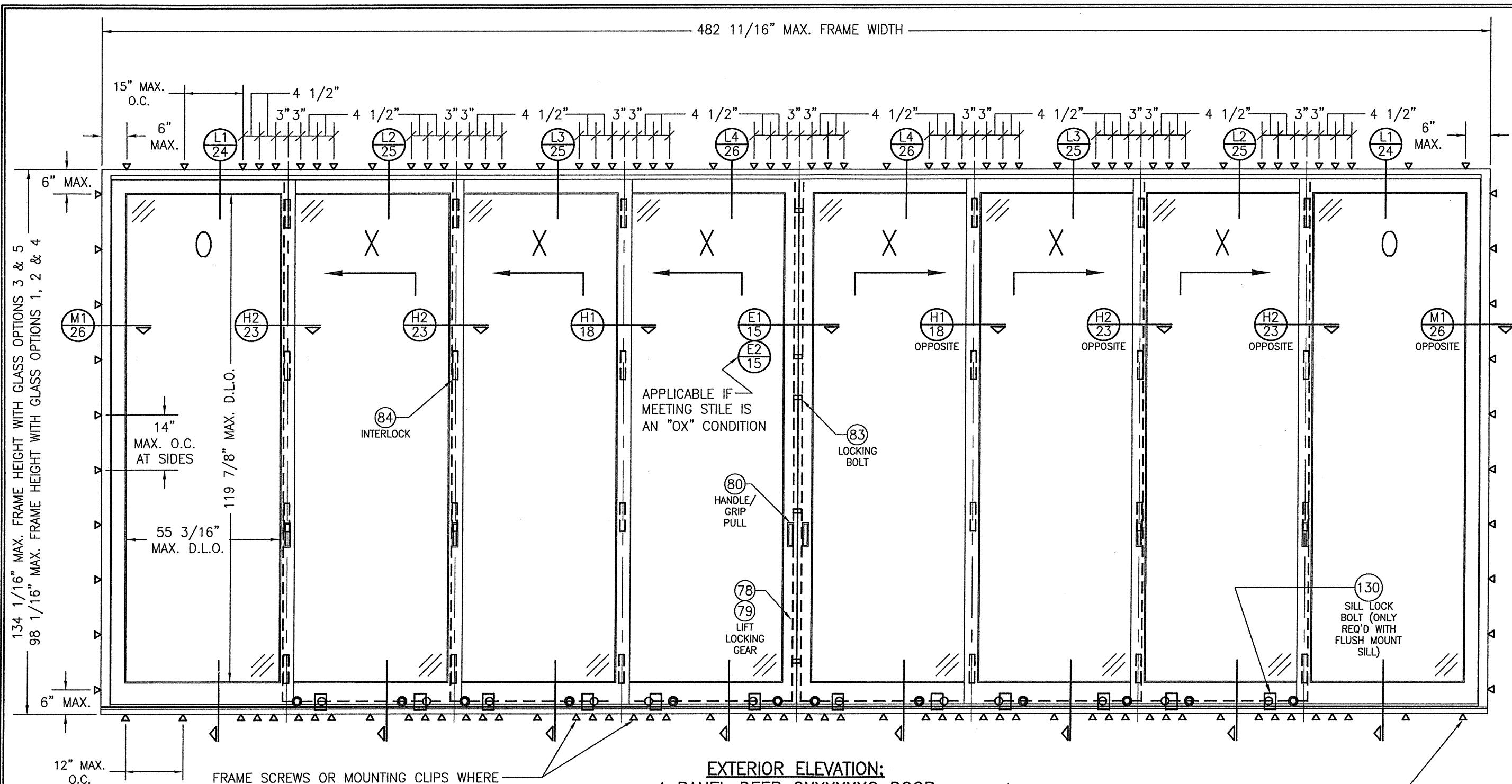
**EXTERIOR ELEVATION:
4 PANEL DEEP OXXX DOOR**

SCALE: 1/2" = 1'-0"

SEE APPROVED CONFIGURATIONS ON SHEET 13 FOR ADDITIONAL 4-DEEP PANEL CONFIGURATIONS

FOR SIMPLIFICATION, ONLY FRAME & SASH PROJECTION LINES ARE SHOWN FOR THESE ELEVATIONS

DRAWN BY: S.T.R.	CHECKED BY: W.W.S.
PLOT: 1=24	DATE: 3/18/05
NO.	DATE
BY	BY
REVISION DESCRIPTION	REVISION DESCRIPTION
LIFT & SLIDE WOOD SLIDING GLASS IMPACT DOORS 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	
WARREN W. SCHAEFER LICENSE No. 44135 P.E.	
DRAWING NO. 1321	REV. E
SHEET NO. 10 OF 38	



FRAME SCREWS OR MOUNTING CLIPS WHERE SHOWN AT MEETING STILE ENDS (4 ANCHORS REQ'D WHEN FRAME HEIGHT IS 100" OR LESS OR PANEL WIDTHS ARE 36" OR LESS; 6 ANCHORS REQ'D OTHERWISE). SEE "FRAME ANCHOR REQUIREMENTS TABLE" ON SHEET 1 FOR REQUIREMENTS (MOUNTING CLIPS DO NOT APPLY WITH FLUSH MOUNT SILL).

**EXTERIOR ELEVATION:
4 PANEL DEEP OXXXXXXO DOOR**
SCALE: N.T.S.
SEE APPROVED CONFIGURATIONS ON SHEET 13 FOR ADDITIONAL 4-DEEP PANEL CONFIGURATIONS

FOR SIMPLIFICATION, ONLY FRAME & SASH PROJECTION LINES ARE SHOWN FOR THESE ELEVATIONS

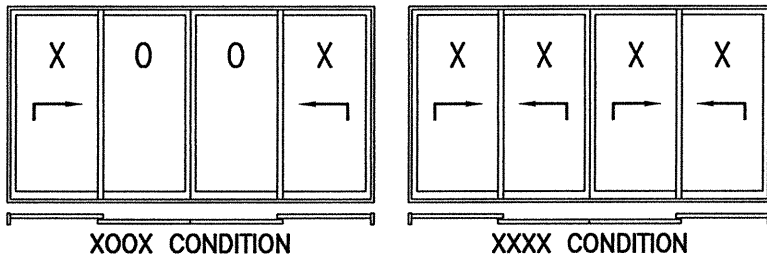
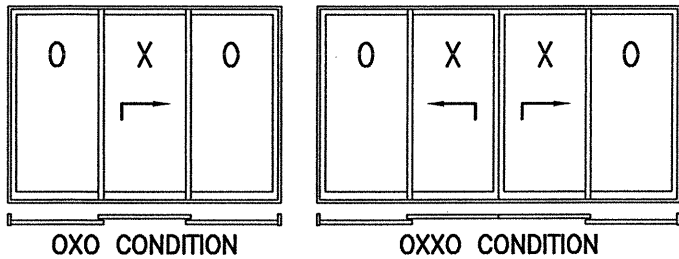
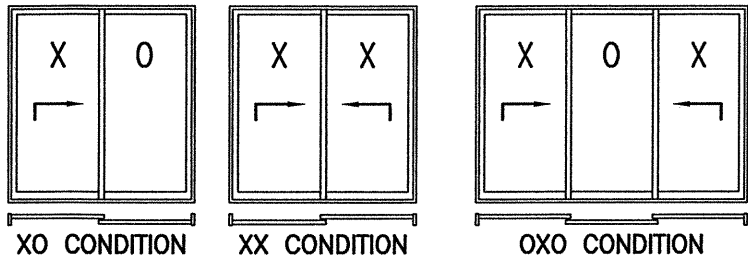
FRAME SCREWS OR MOUNTING CLIPS WHERE SHOWN. SEE "FRAME ANCHOR REQUIREMENTS TABLE" ON SHEET 1 FOR REQUIREMENTS (MOUNTING CLIPS DO NOT APPLY AT SILL WITH FLUSH MOUNT SILL).

DRAWN BY: S.T.R.		CHECKED BY: W.W.S.	
PLOT: 1=24		DATE: 3/18/05	
NO.	REVISION DESCRIPTION	DATE	BY
DRAWING TITLE LIFT & SLIDE WOOD SLIDING GLASS IMPACT DOORS			
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	
CERTIFICATION WARREN W. SCHAEFER LICENSE NO. 44135 PROFESSIONAL ENGINEER STATE OF FLORIDA		P.E. NO. 44135 WARREN W. SCHAEFER, P.E.	
DRAWING NO. 1321		REV. E	
SHEET NO. 11		OF 38	

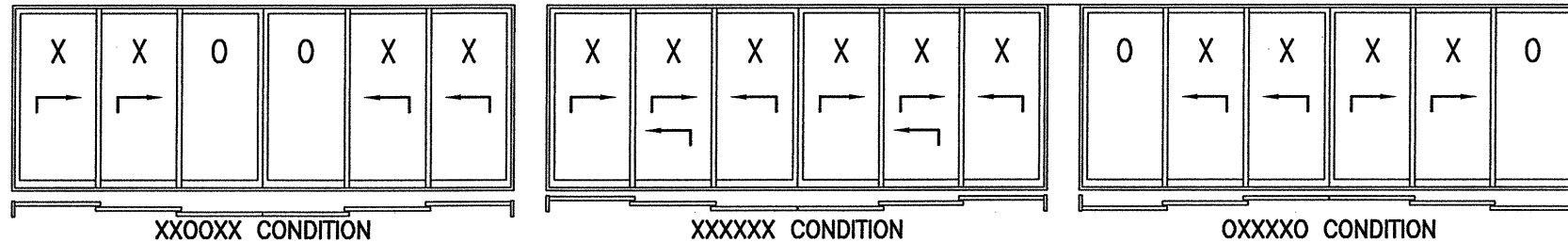
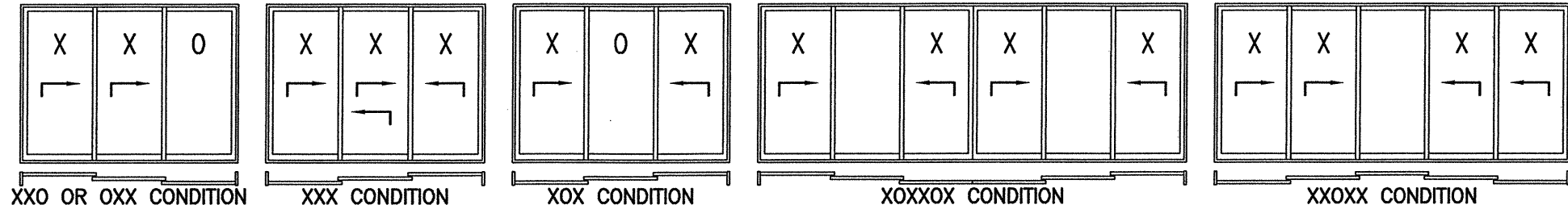
APPROVED CONFIGURATIONS

CONFIGURATIONS WITHOUT POCKETS

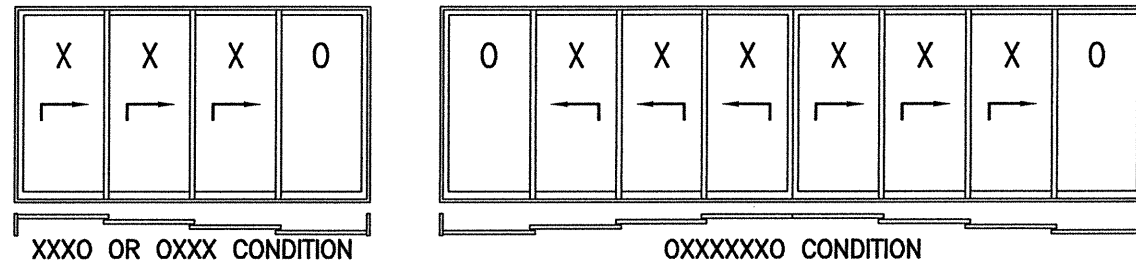
2-PANEL DEEP CONDITIONS



3-PANEL DEEP CONDITIONS



4-PANEL DEEP CONDITIONS

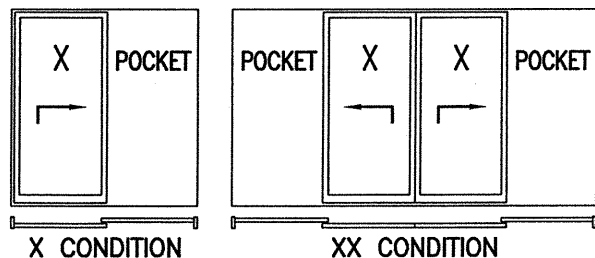


CONDITIONS SHOWN ARE THE MAJORITY OF THOSE USED. OTHER CONDITIONS OF "O" & "X" PANELS APPLY PROVIDING THEY ARE WITHIN THE SCOPE OF THE DETAILS WITHIN THIS DRAWING.

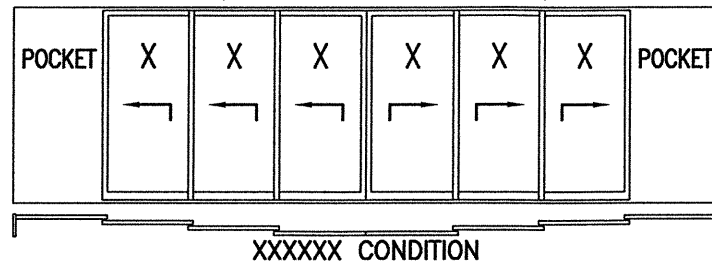
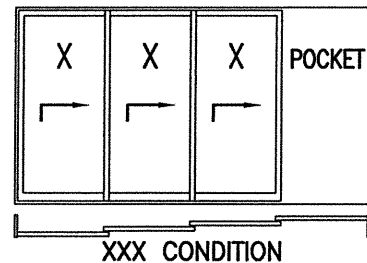
WHILE UP TO 4-PANEL DEEP CONDITIONS IN ONE OPENING ARE SHOWN, THERE IS NO LIMIT TO THE NUMBER OF PANELS IN DEPTH WHEN THE FLUSH MOUNT SILL IS USED (OVER 4-PANELS DEEP IS NOT APPLICABLE WHEN THE STANDARD SILL IS USED). MORE THAN 4-PANEL DEEP CONDITIONS WILL REQUIRE ONE OR MORE ADDITIONAL ROWS OF FRAME ANCHORS AND SHALL BE SUBJECT TO SEPERATE ENGINEER'S REVIEW AND CERTIFICATION.

CONFIGURATIONS WITH POCKETS

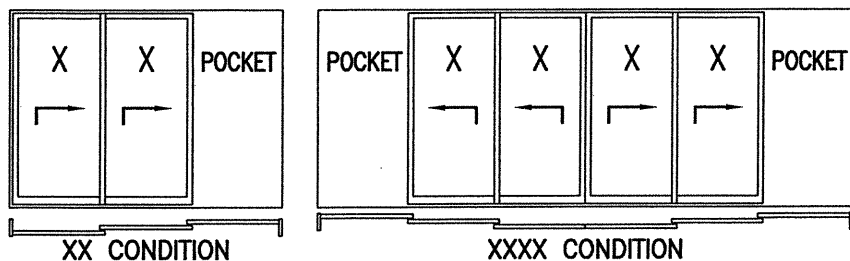
1-PANEL DEEP CONDITIONS



3-PANEL DEEP CONDITIONS



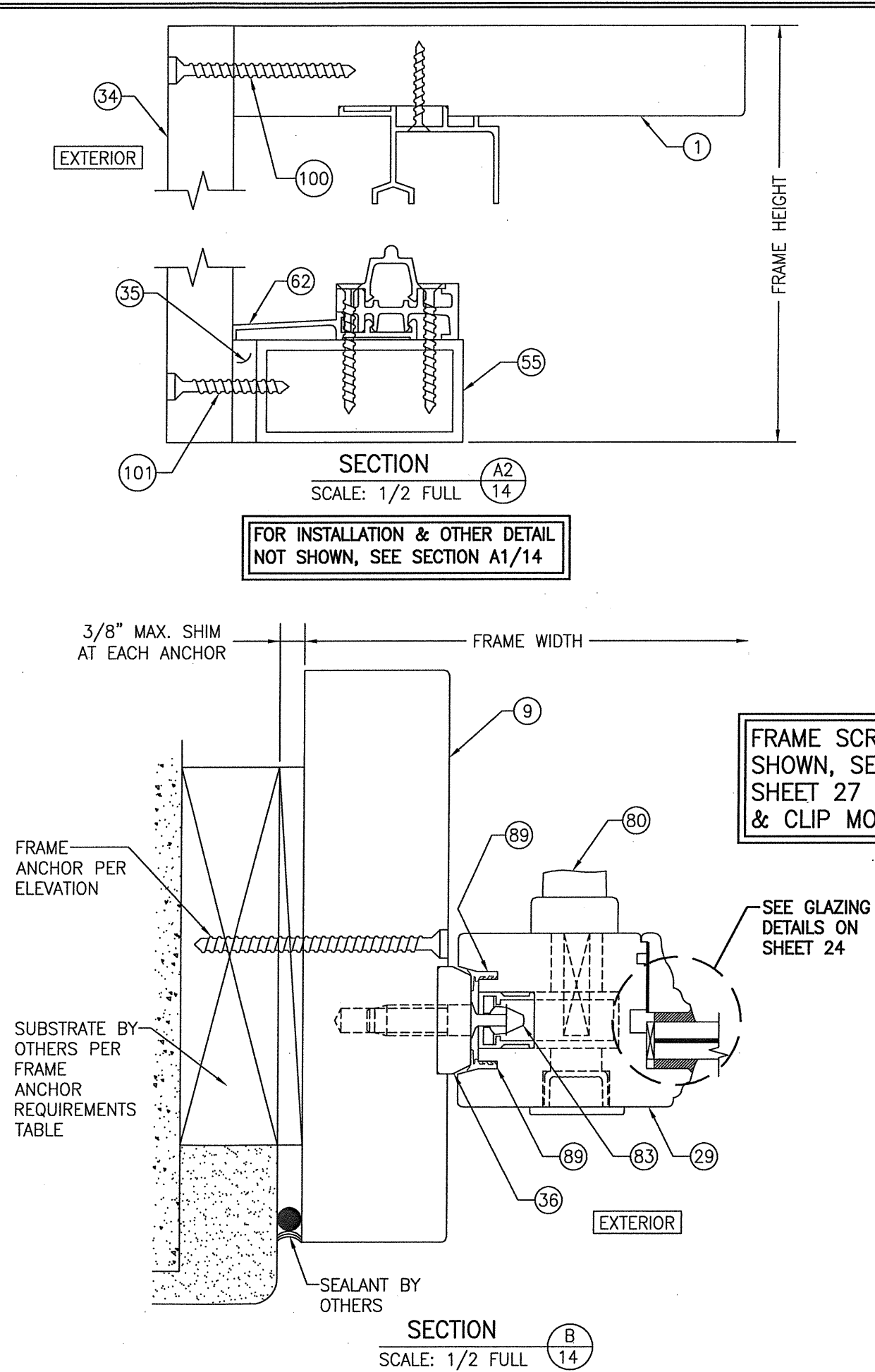
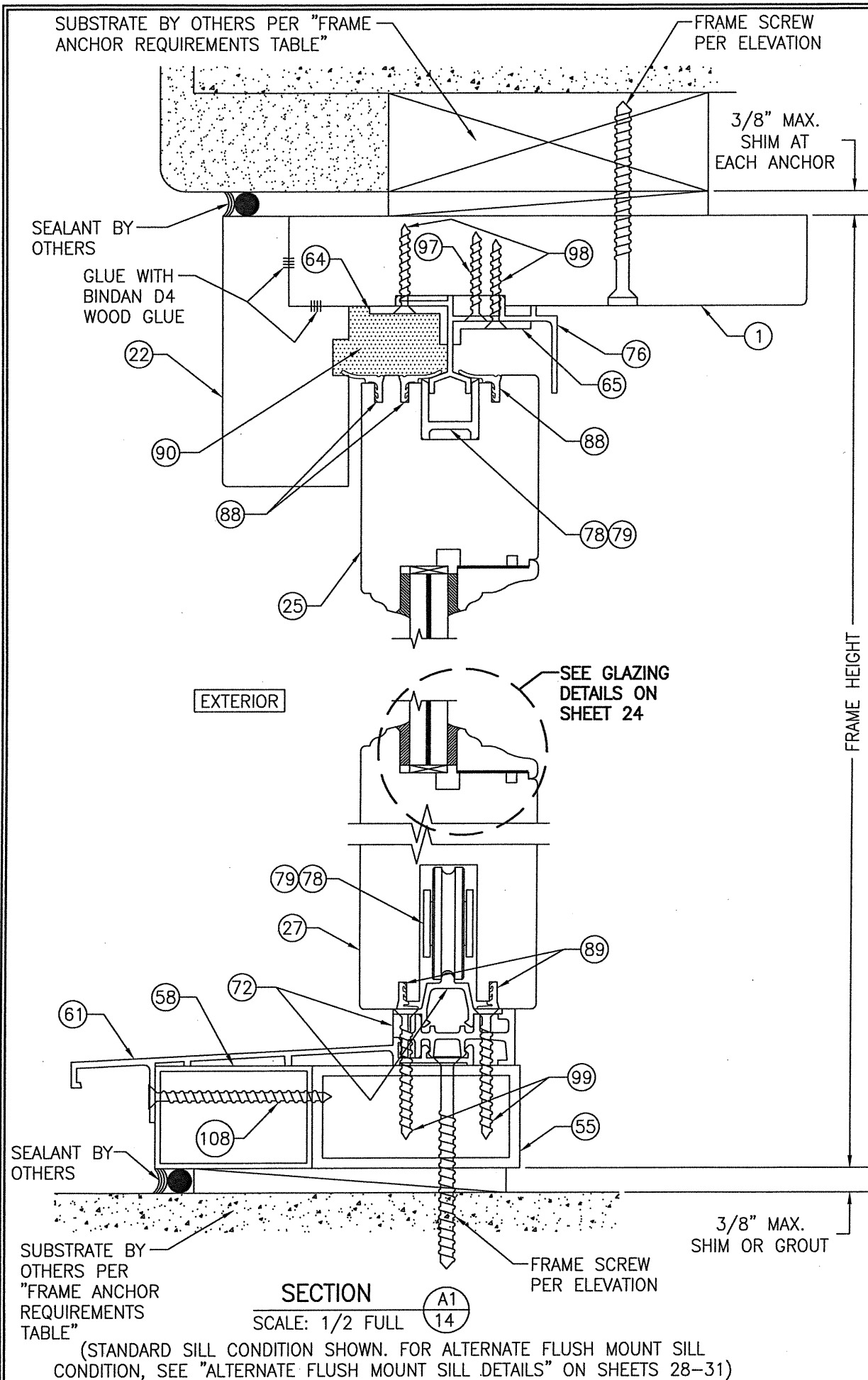
2-PANEL DEEP CONDITIONS

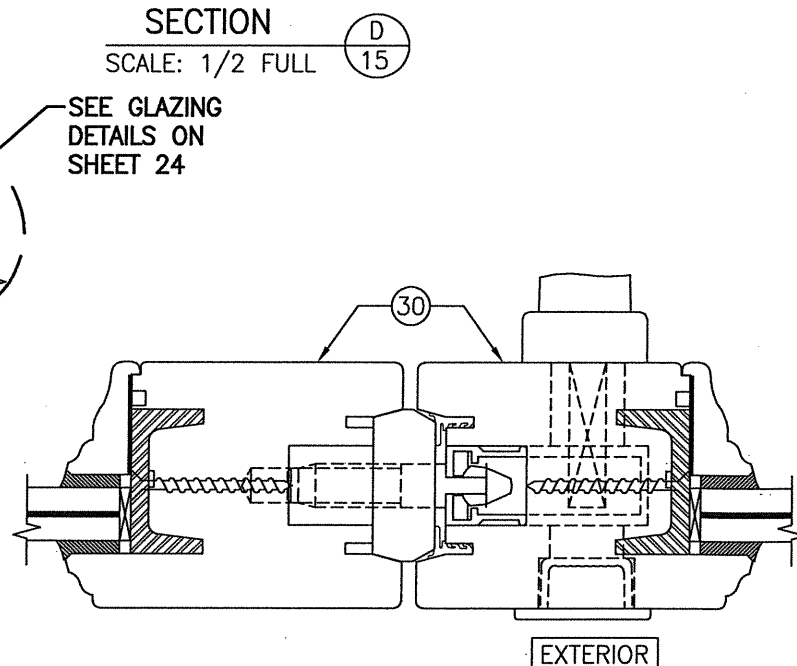
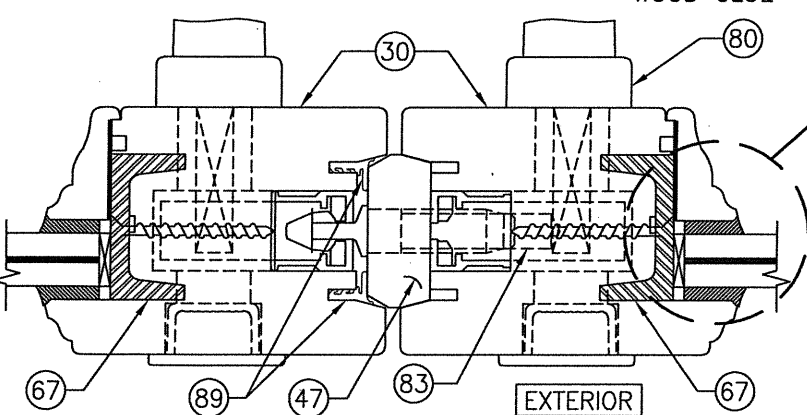
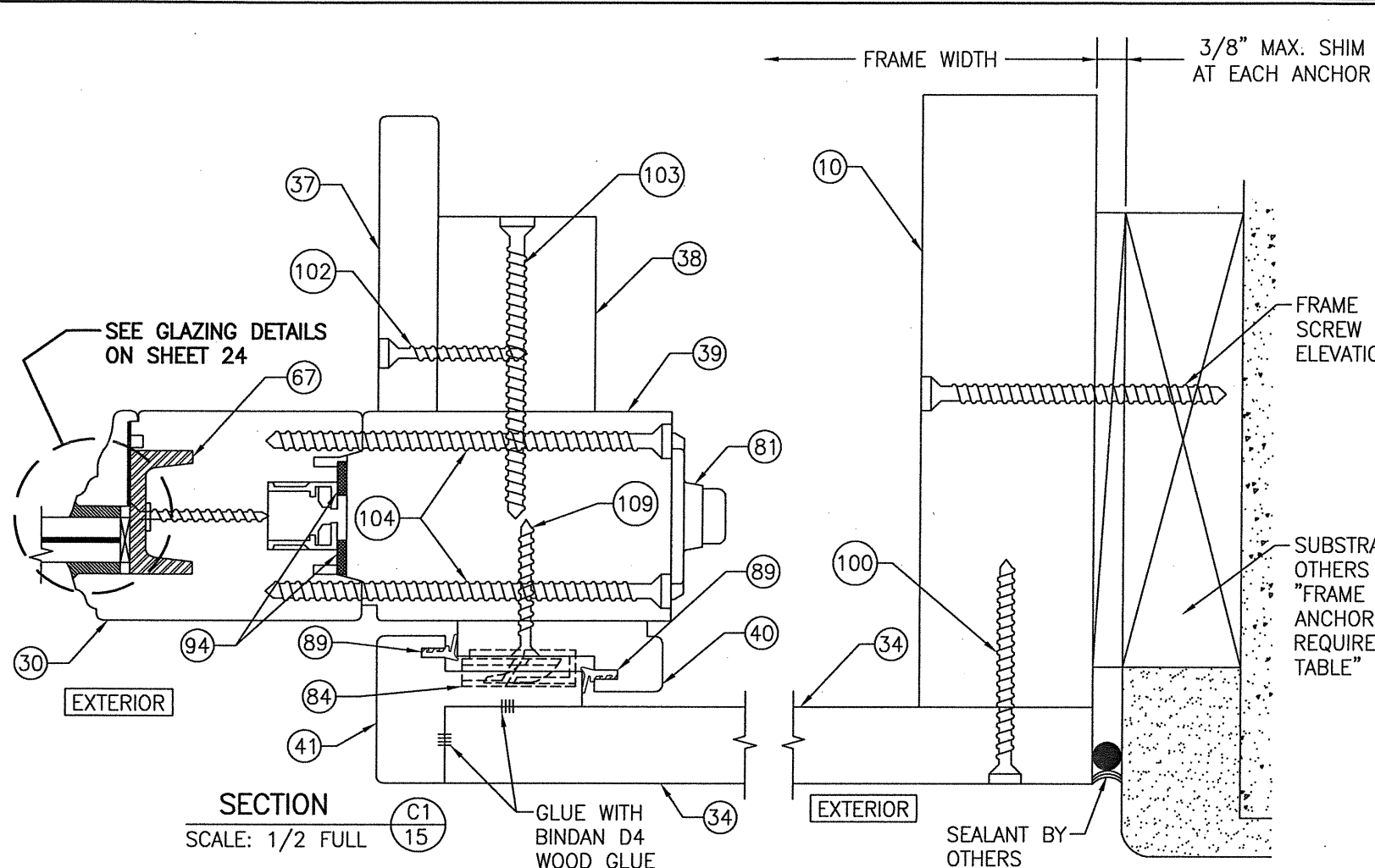


90 DEG. CONFIGURATIONS

ALL CONFIGURATIONS SHOWN ON THIS SHEET APPLY TO EITHER SIDE OF A CORNER UNIT EXCEPT THAT A POCKET IS NOT APPLICABLE AT THE 90 DEG. CORNER.

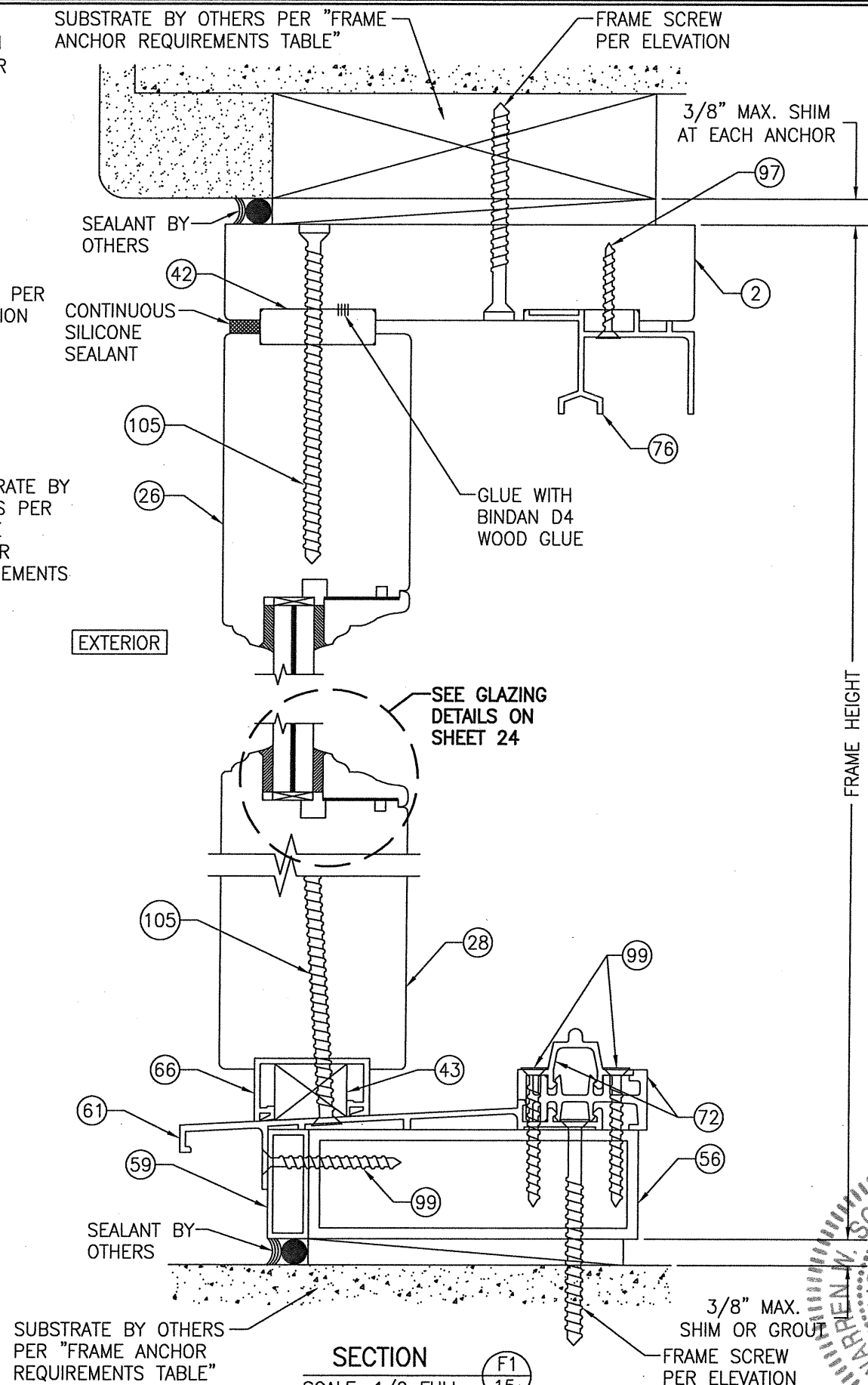
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PLOT: 1=24		DATE: 3/18/05	
DATE	BY	REVISION DESCRIPTION	NO.
DRAWING TITLE LIFT & SLIDE WOOD SLIDING GLASS IMPACT DOORS			
CONSULTANTS W. W. SCHAEFER ENGINEERING & CONSULTING, P.A. (CA 6809)		MANUFACTURER PEETZ WINDOWS & DOORS 15951 S.W. 41ST STREET, 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. 1321		REV. E	
SHEET NO. 13		OF 38	

[illegible]



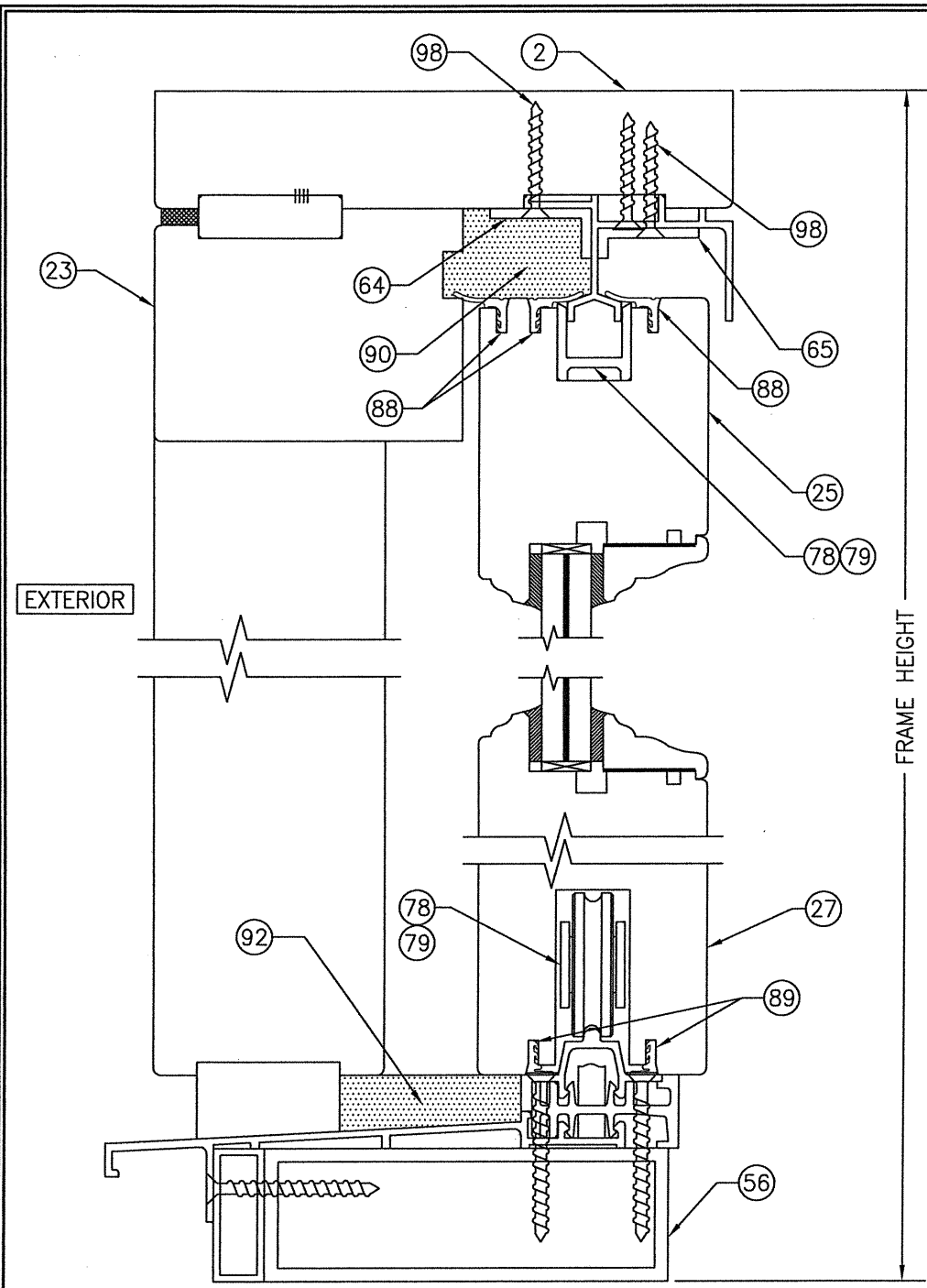
SECTION E2 15
SCALE: 1/2 FULL
(APPLICABLE WITH "OX" MEETING STILE CONDITIONS)
(FOR DETAIL NOT SHOWN, SEE SECTION E1/15)

FRAME SCREW INSTALLATION
SHOWN, SEE DETAILS ON
SHEET 27 FOR DIRECT MOUNT
& CLIP MOUNT DETAILS.



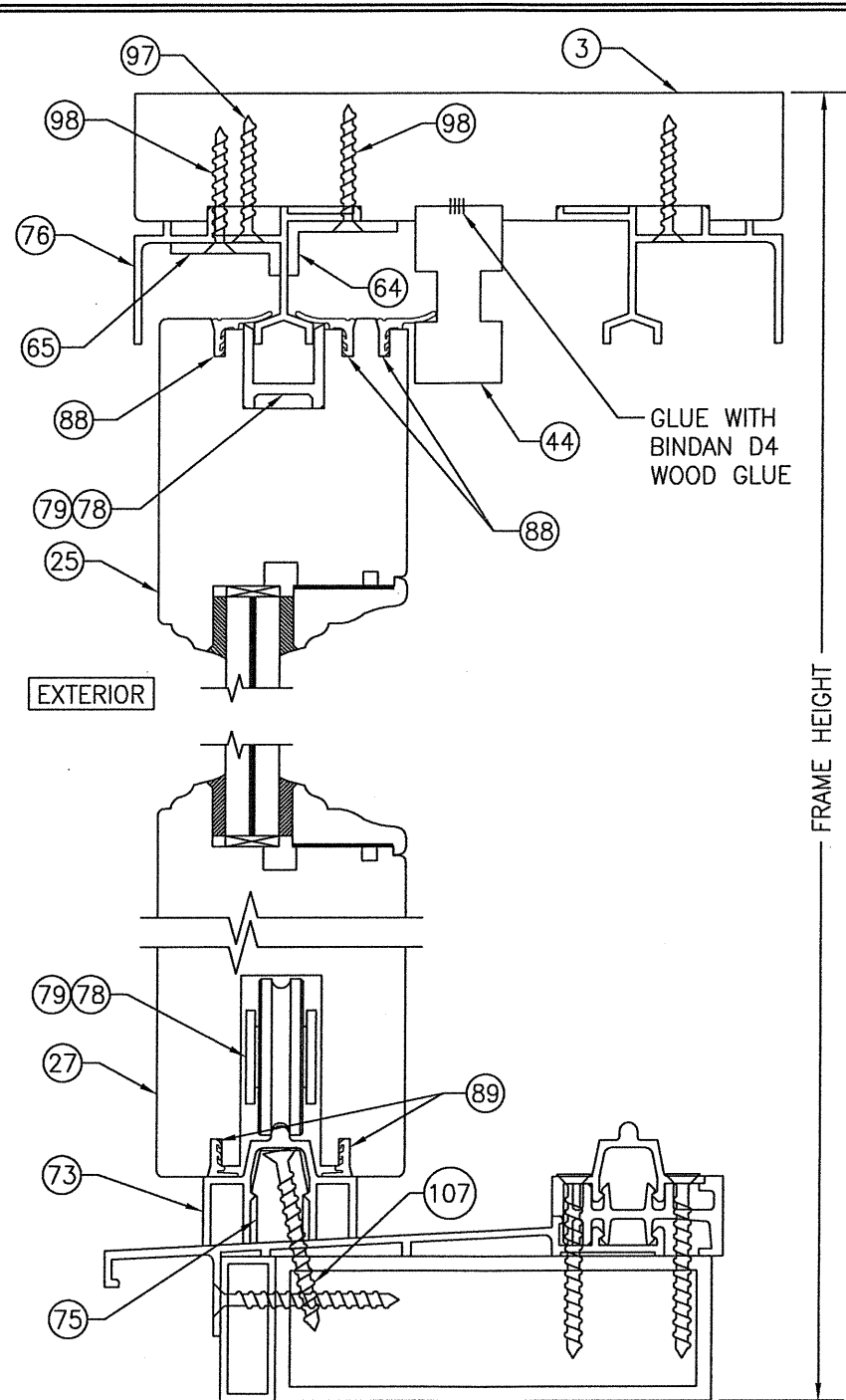
(STANDARD SILL CONDITION SHOWN. FOR ALTERNATE FLUSH MOUNT SILL
CONDITION, SEE "ALTERNATE FLUSH MOUNT SILL DETAILS" ON SHEETS 28-31)

DRAWN BY: S.T.R.	CHECKED BY: W.W.S.
PLOT: 1=2	DATE: 3/18/05
NO.	REVISION DESCRIPTION
DATE	BY
LIFT & SLIDE WOOD SLIDING GLASS IMPACT DOORS 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	
CERTIFICATION JUN 2 2020 W. W. SCHAEFER P.E. No. 44135	
DRAWING NO. 1321	REV. E
SHEET NO. 15 OF 38	



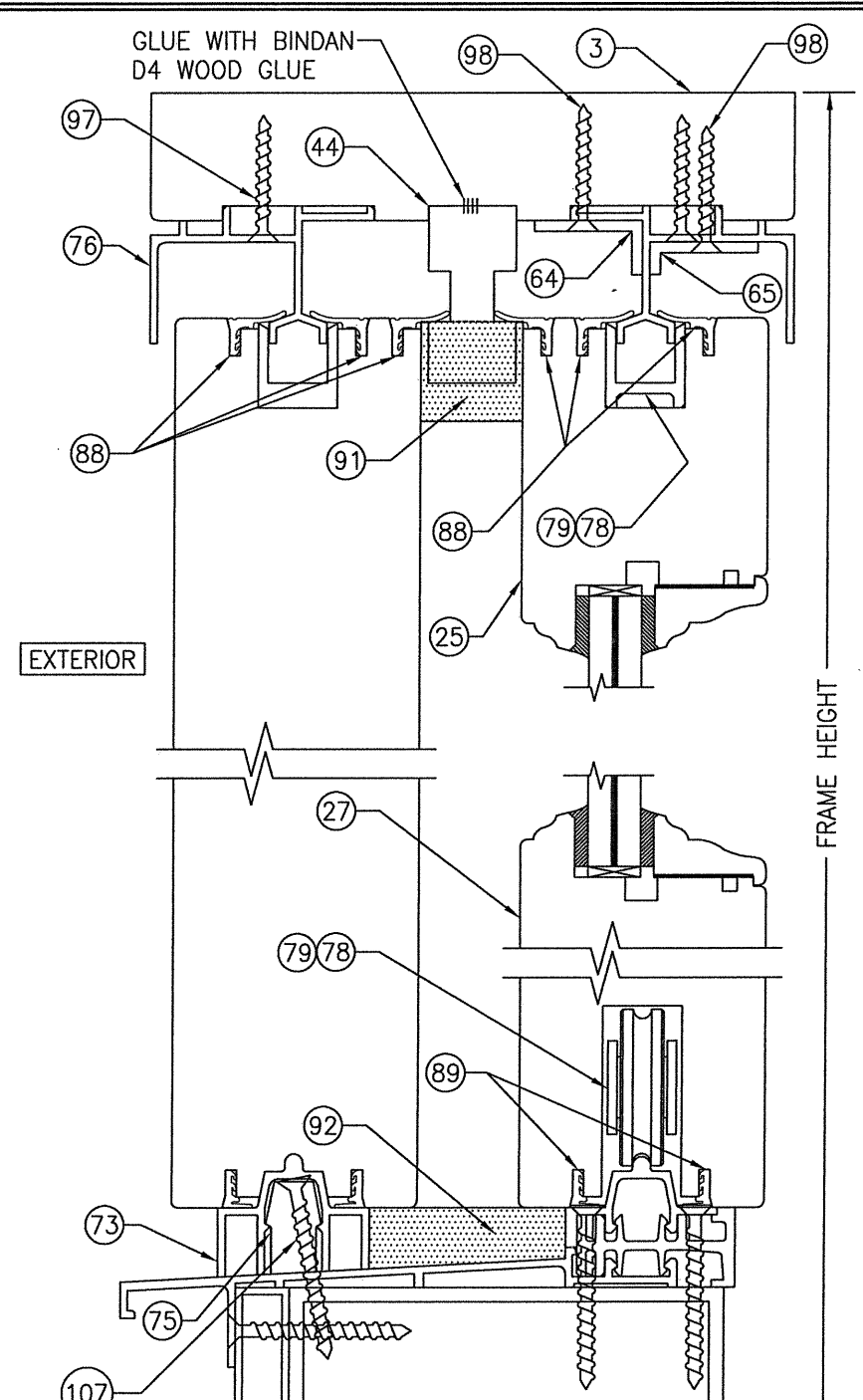
SECTION F2
SCALE: 1/2" FULL 16

FOR INSTALLATION & OTHER
DETAIL NOT SHOWN, SEE
SECTION F1/15



SECTION F3
SCALE: 1/2" FULL 16

FOR INSTALLATION & OTHER
DETAIL NOT SHOWN, SEE
SECTION F1/15

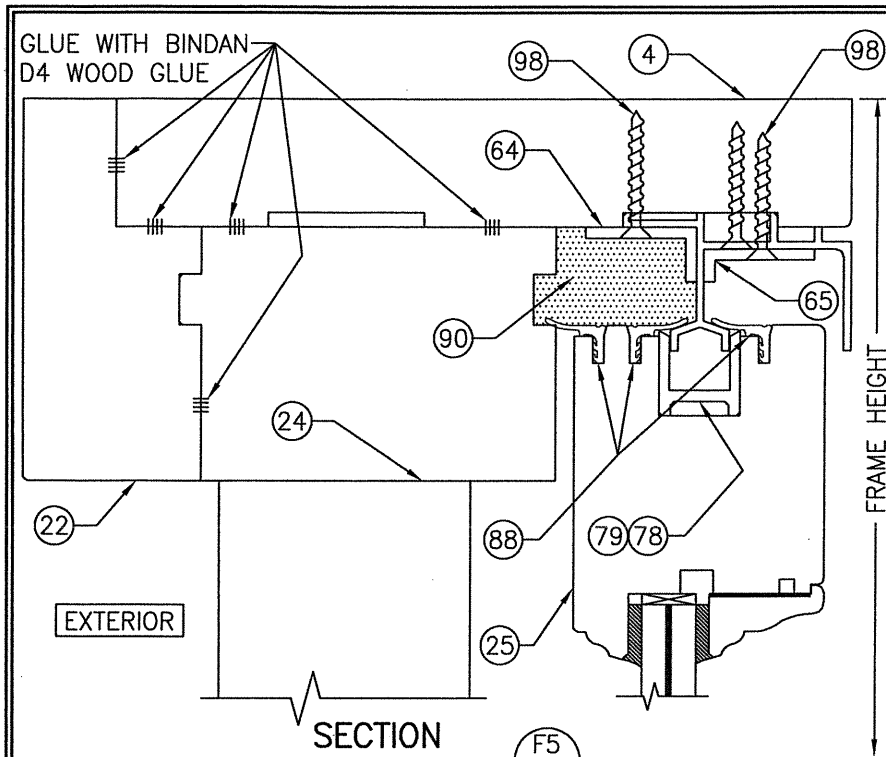


SECTION F4
SCALE: 1/2" FULL 16

FOR INSTALLATION & OTHER
DETAIL NOT SHOWN, SEE
SECTION F1/15

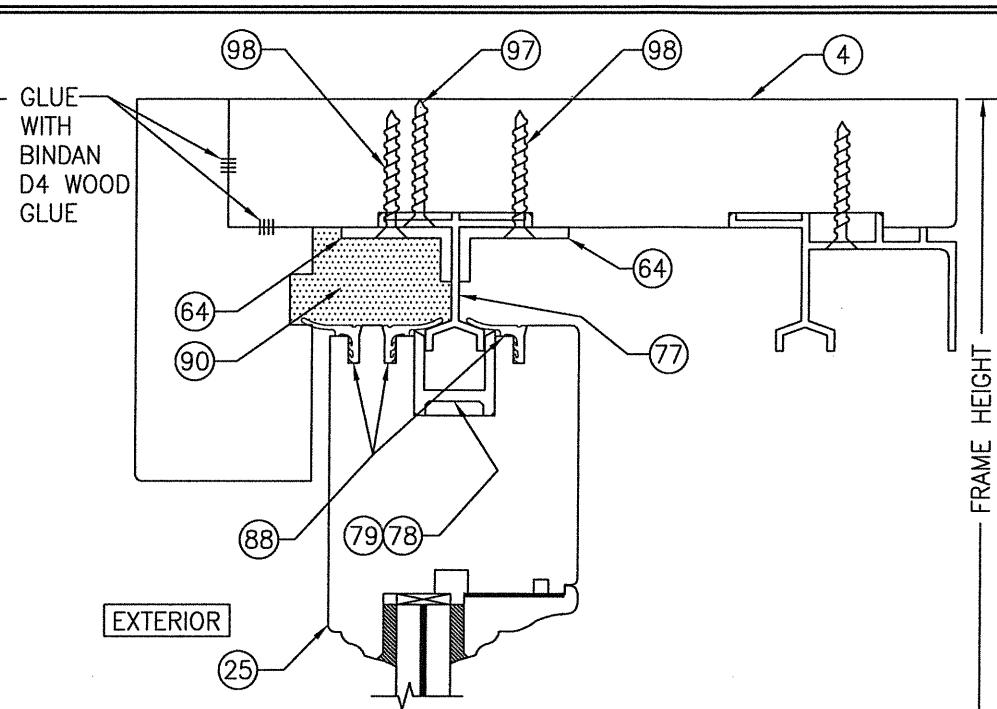
FRAME SCREW INSTALLATION
SHOWN, SEE DETAILS ON
SHEET 27 FOR DIRECT MOUNT
& CLIP MOUNT DETAILS.

DRAWN BY: S.T.R.		CHECKED BY: W.W.S.	
PLOT: 1=2		DATE: 3/18/05	
NO.	REVISION	DESCRIPTION	DATE
		</	



SECTION F5
17
SCALE: 1/2 FULL
(FOR SILL NOT SHOWN, SEE SECTION F4/16)

FOR INSTALLATION & OTHER DETAIL
NOT SHOWN, SEE SECTION F1/15

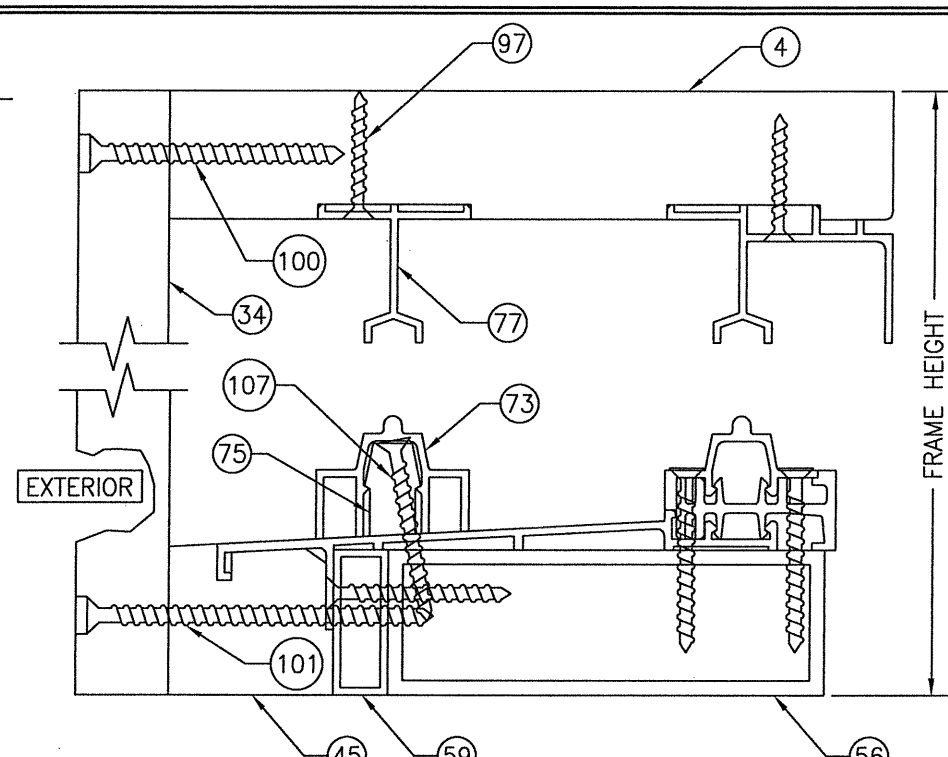


SECTION F6
17

SCALE: 1/2 FULL

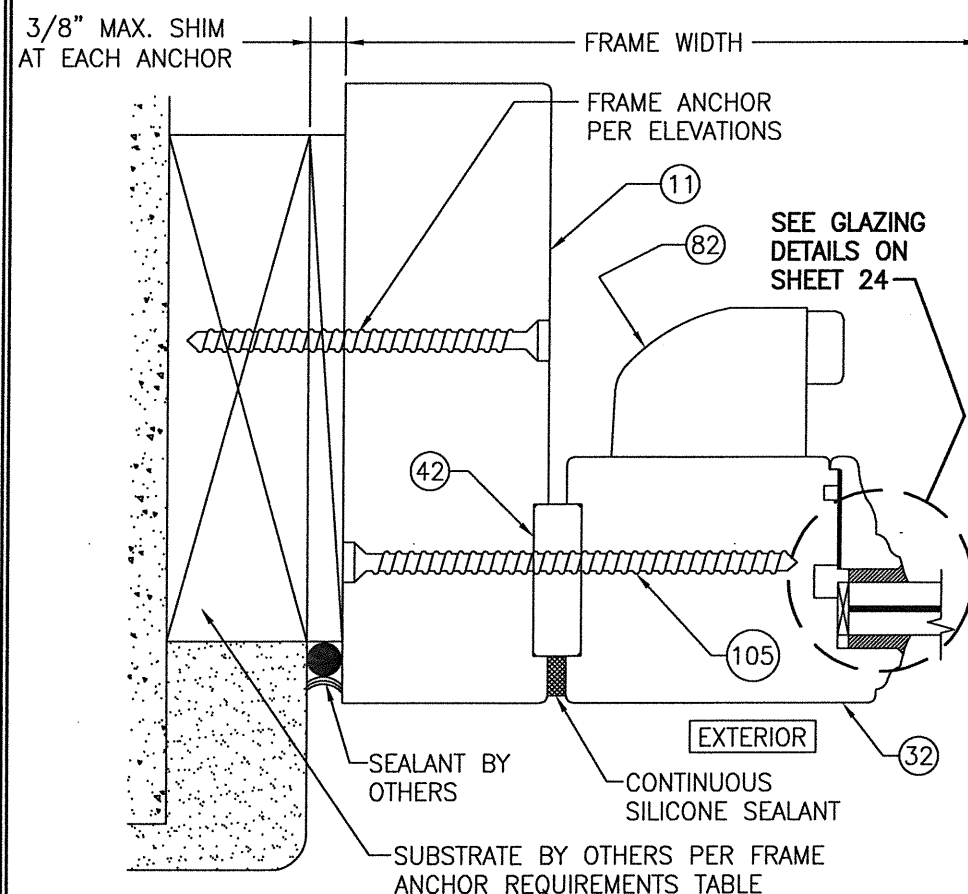
(FOR SILL DETAIL NOT SHOWN, SEE SECTION F3/16)

FOR INSTALLATION & OTHER DETAIL
NOT SHOWN, SEE SECTION F1/15

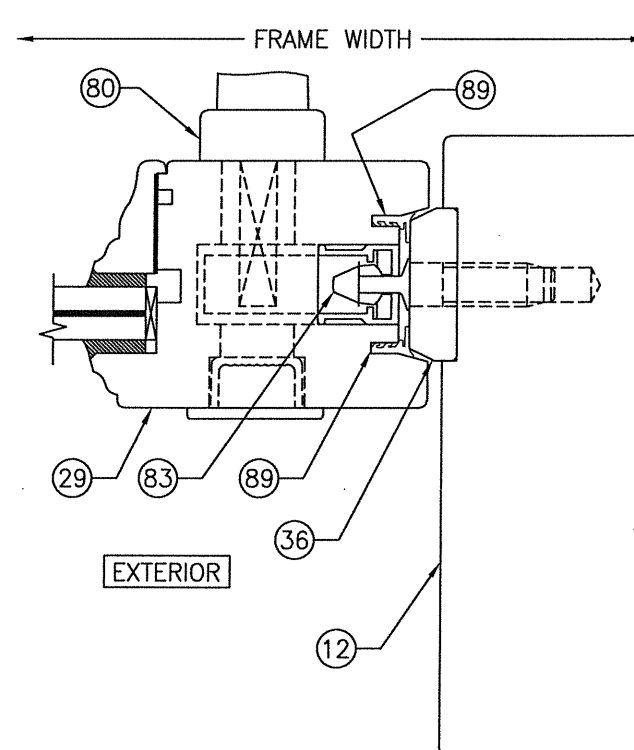


SECTION F7
SCALE: 1/2 FULL 17

FOR INSTALLATION & OTHER DETAIL
NOT SHOWN, SEE SECTION F1/15

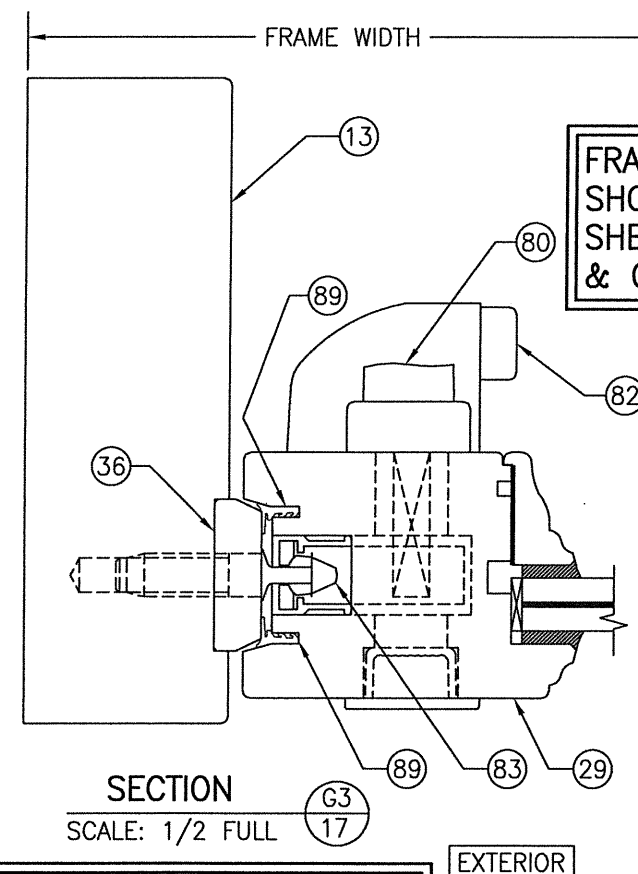


SECTION G1
SCALE: 1/2" = 1' 17



SECTION G2
SCALE: 1/2" FULL 17

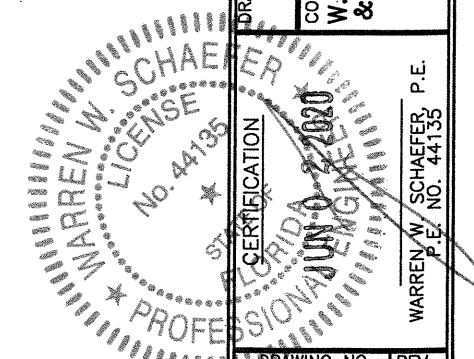
FOR INSTALLATION & OTHER DETAIL
NOT SHOWN, SEE SECTION G1/17

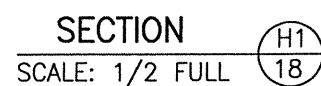
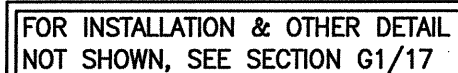
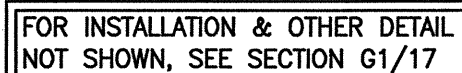


SECTION G3
SCALE: 1/2" FULL 17

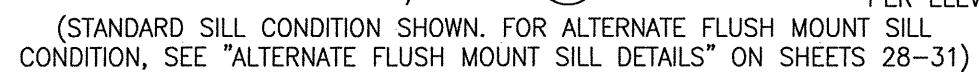
FOR INSTALLATION & OTHER DETAIL
NOT SHOWN, SEE SECTION G1/17

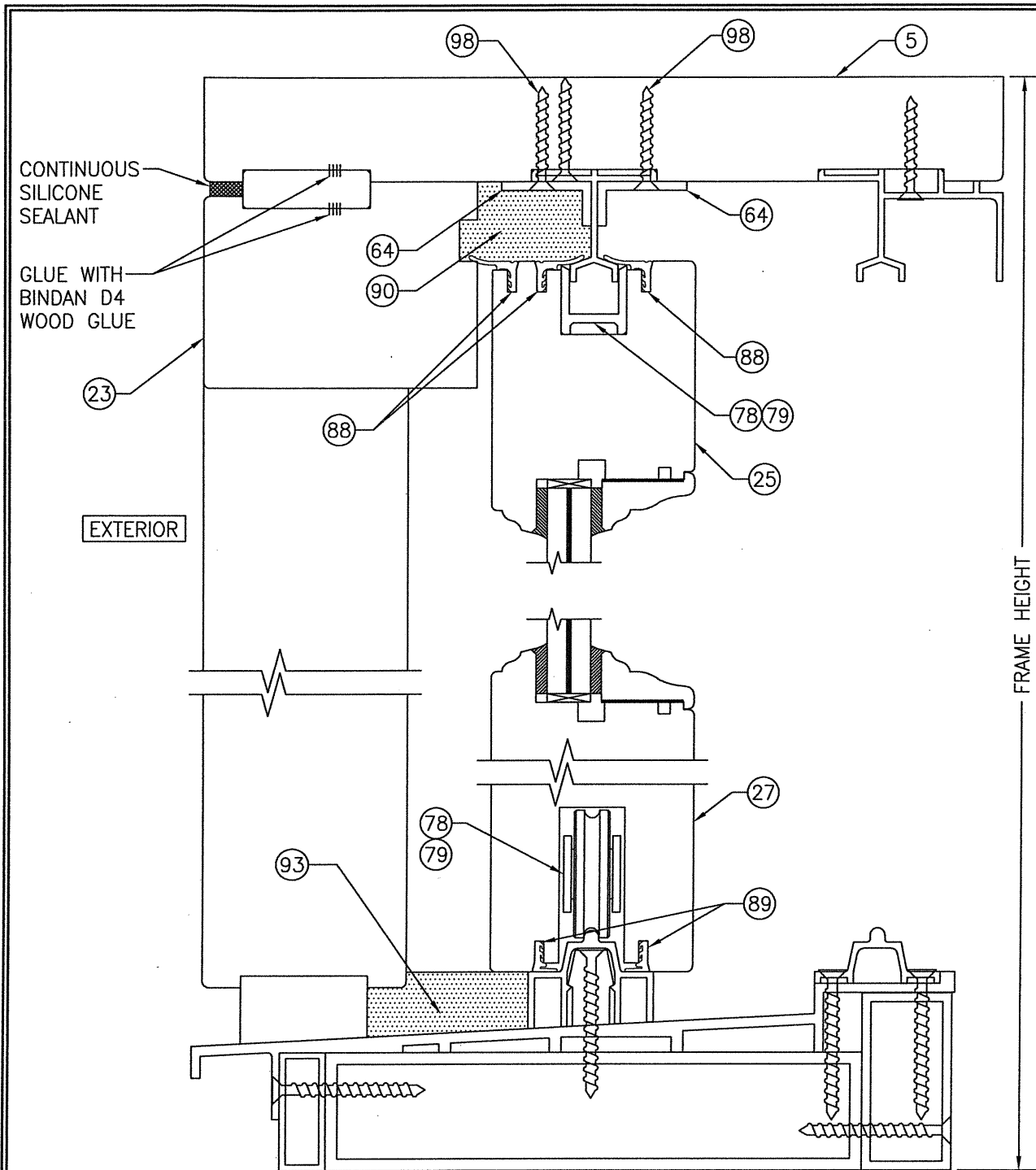
FRAME SCREW INSTALLATION
SHOWN, SEE DETAILS ON
SHEET 27 FOR DIRECT MOUNT
& CLIP MOUNT DETAILS.

[illegible]



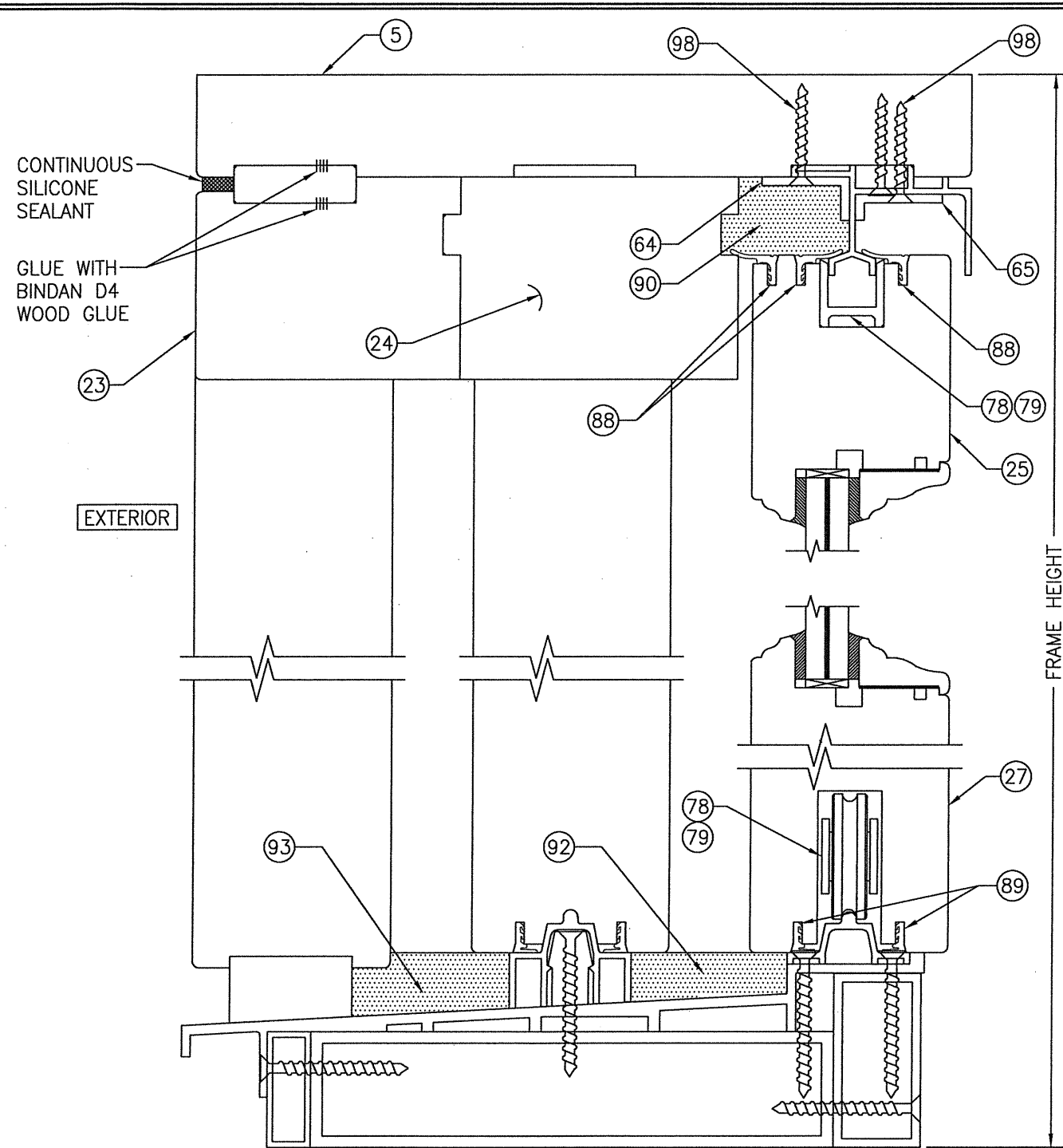
FRAME SCREW INSTALLATION
SHOWN, SEE DETAILS ON
SHEET 27 FOR DIRECT MOUNT
& CLIP MOUNT DETAILS.

[illegible]



SECTION J2
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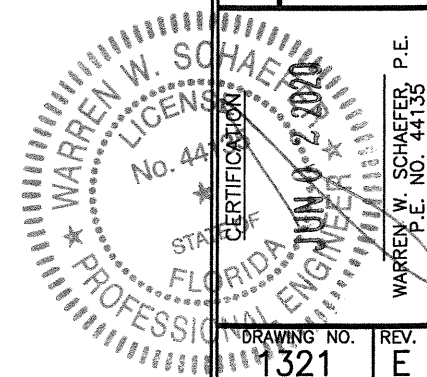
FOR INSTALLATION & OTHER DETAIL
NOT SHOWN, SEE SECTION J1/18

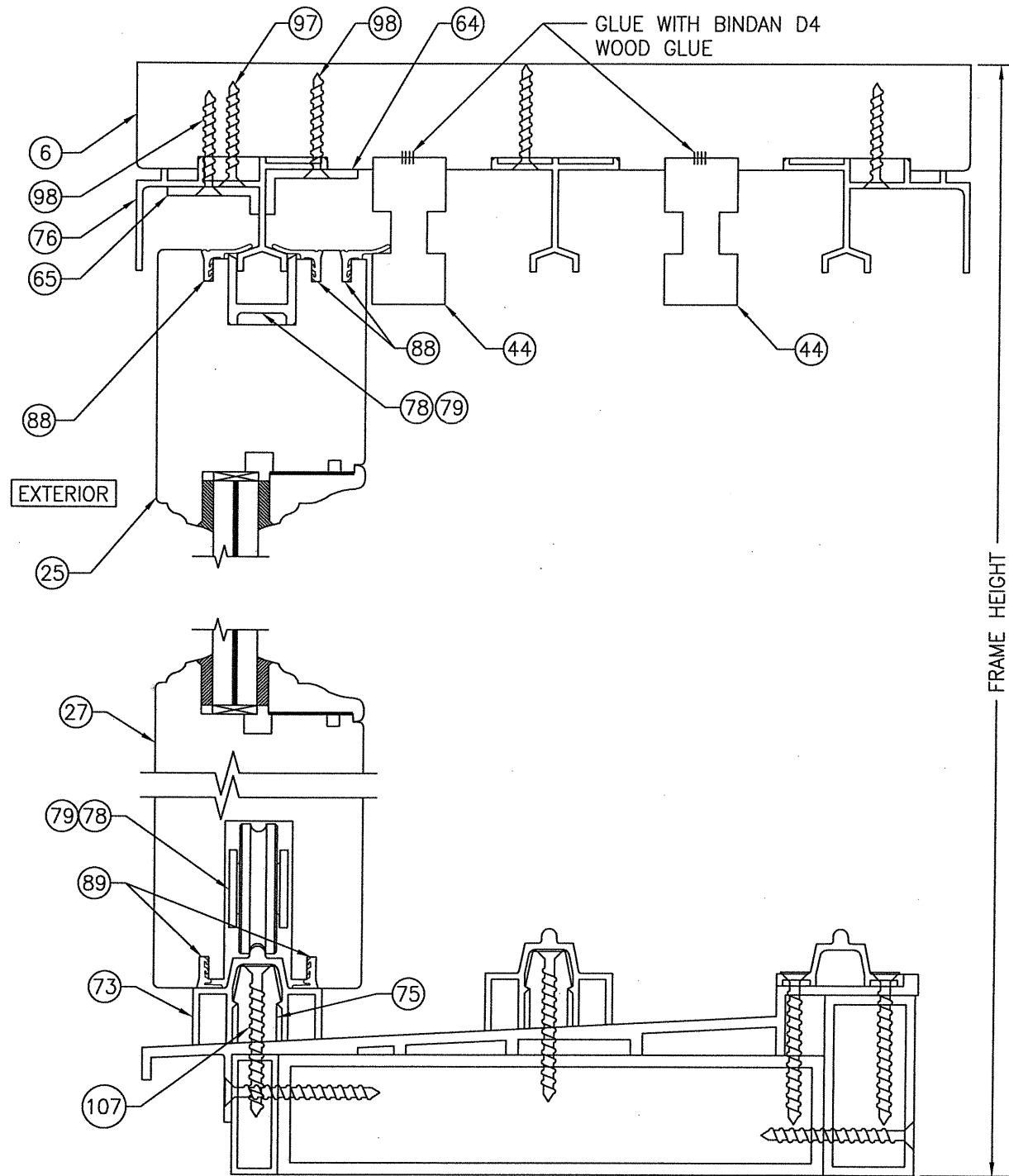


SECTION J3
SCALE: 1/2 FULL

FOR INSTALLATION & OTHER DETAIL
NOT SHOWN, SEE SECTION J1/18

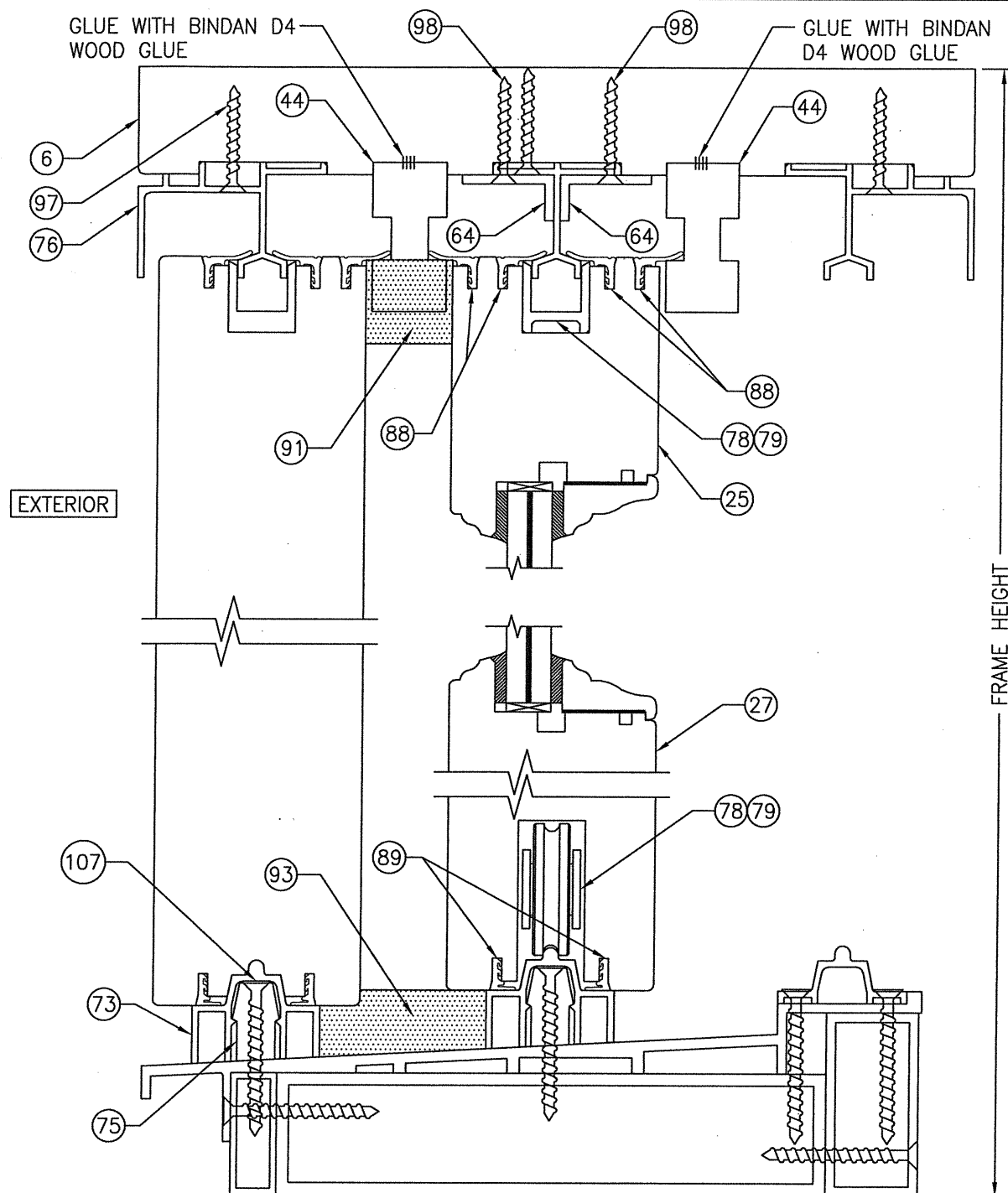
DRAWN BY: S.T.R.		CHECKED BY: W.W.S.	
PLOT: 1=2		DATE: 3/18/05	
NO.	REVISION	DESCRIPTION	DATE
DRAWING TITLE LIFT & SLIDE WOOD SLIDING GLASS IMPACT DOORS			
CONSULTANTS W. W. SCHAEFER ENGINEERING & CONSULTING, P.A. (CA 6809)		MANUFACTURER PEETZ WINDOWS & DOORS 15951 S.W. 41ST STREET, SUITE 150 WESTON, 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. 1321		REV. E	
SHEET NO. 19 OF 38			





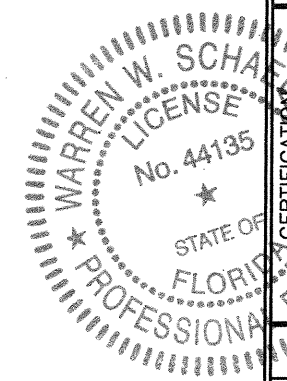
SECTION J4
SCALE: 1/2 FULL 20

FOR INSTALLATION & OTHER DETAIL
NOT SHOWN, SEE SECTION J1/18

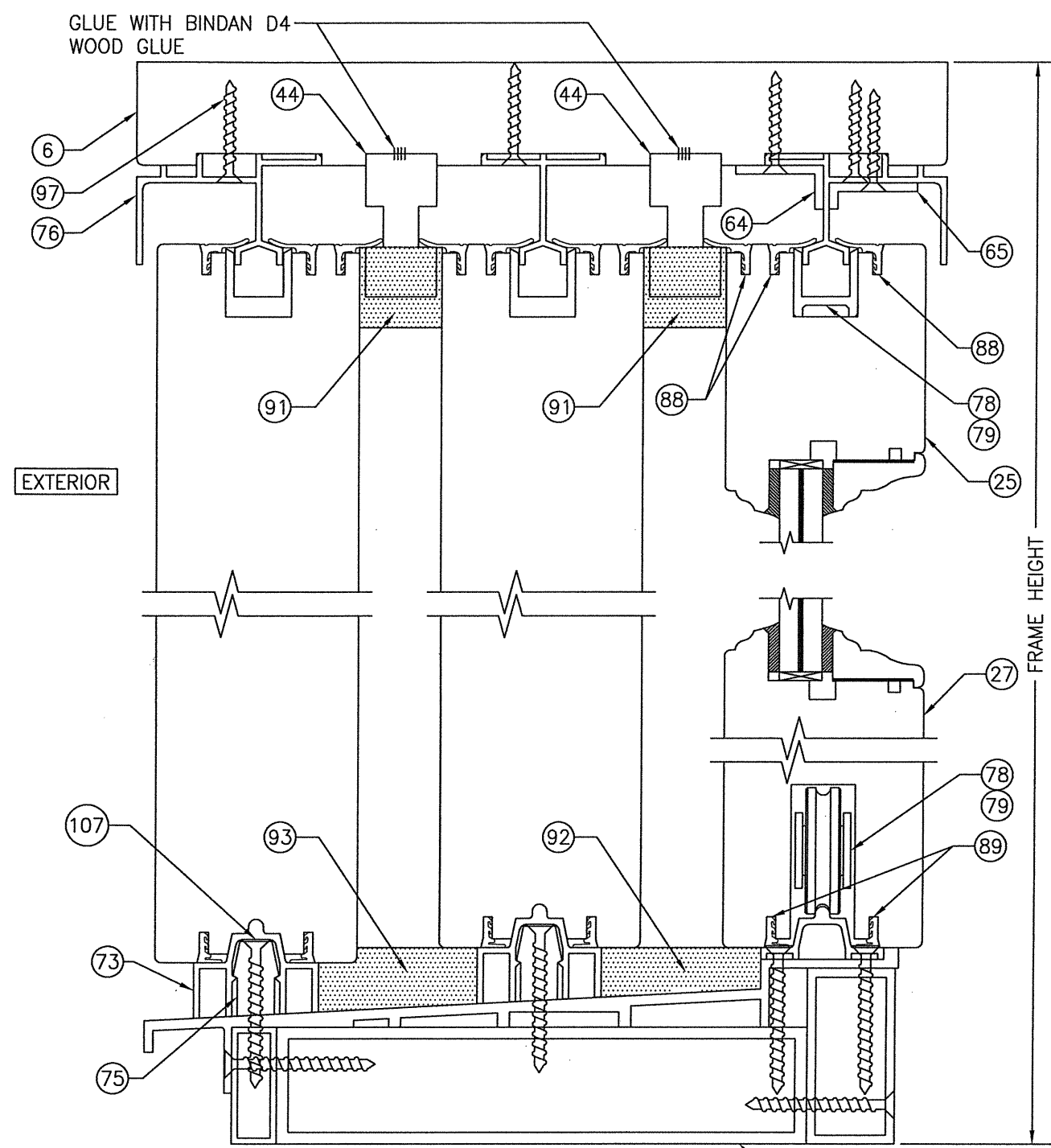


SECTION J5
SCALE: 1/2 FULL 20

FOR INSTALLATION & OTHER DETAIL
NOT SHOWN, SEE SECTION J1/18

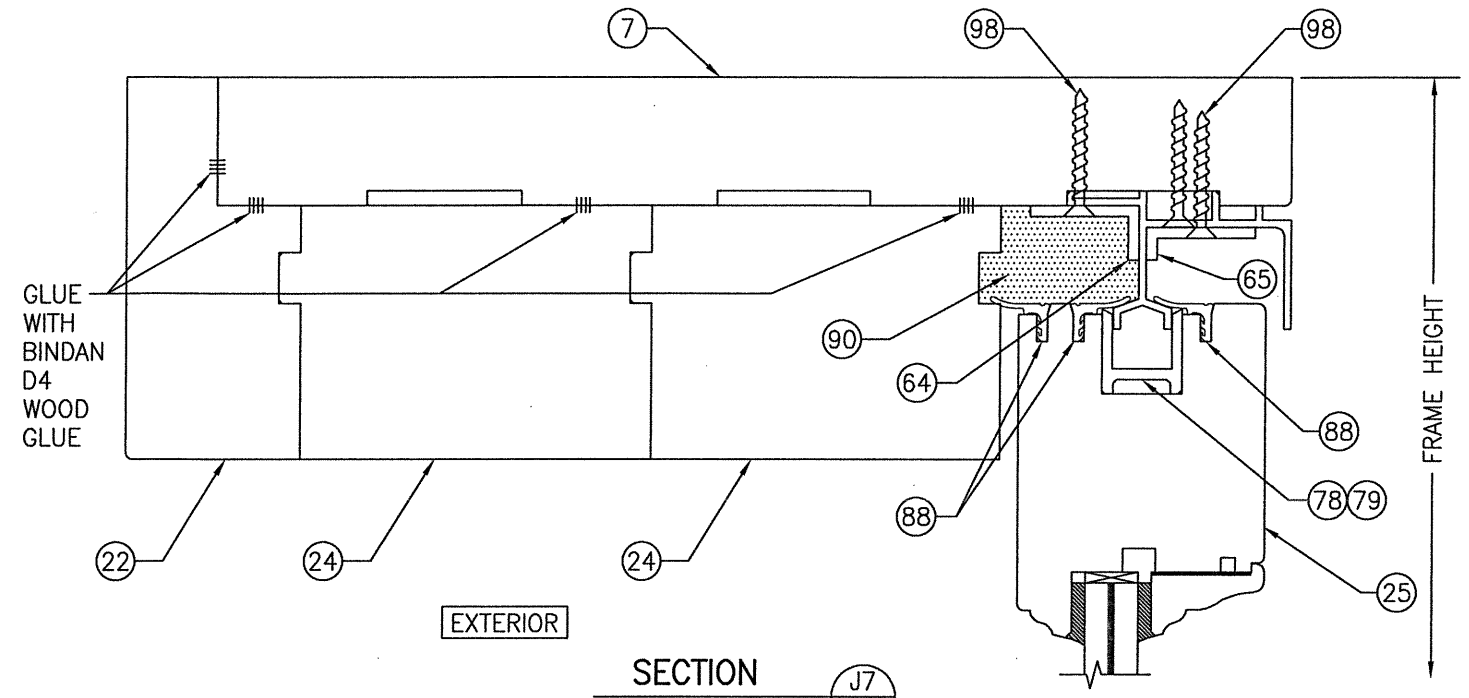


DRAWN BY: S.T.R.	CHECKED BY: W.W.S.
PLOT: 1=2	DATE: 3/18/05
DATE	BY
REVISION	DESCRIPTION
NO.	
DRAWING TITLE: LIFT & SLIDE WOOD SLIDING GLASS IMPACT DOORS MANUFACTURER: PEETZ WINDOWS & DOORS 15951 S.W. 41ST STREET, SUITE 150 WESTON, FL 33331 954-659-3887 CONSULTANTS: W. W. SCHAEFER ENGINEERING & CONSULTING, P.A. (CA 6809) 7480 150TH COURT NORTH PALM BEACH GARDENS, FL 33418 PHONE: 561-744-3424 CERTIFICATION: JUN 07 2020 WARREN W. SCHAEFER, P.E. P.E. NO. 44135	
DRAWING NO. 1321	REV. E
SHEET NO. 20	OF 38



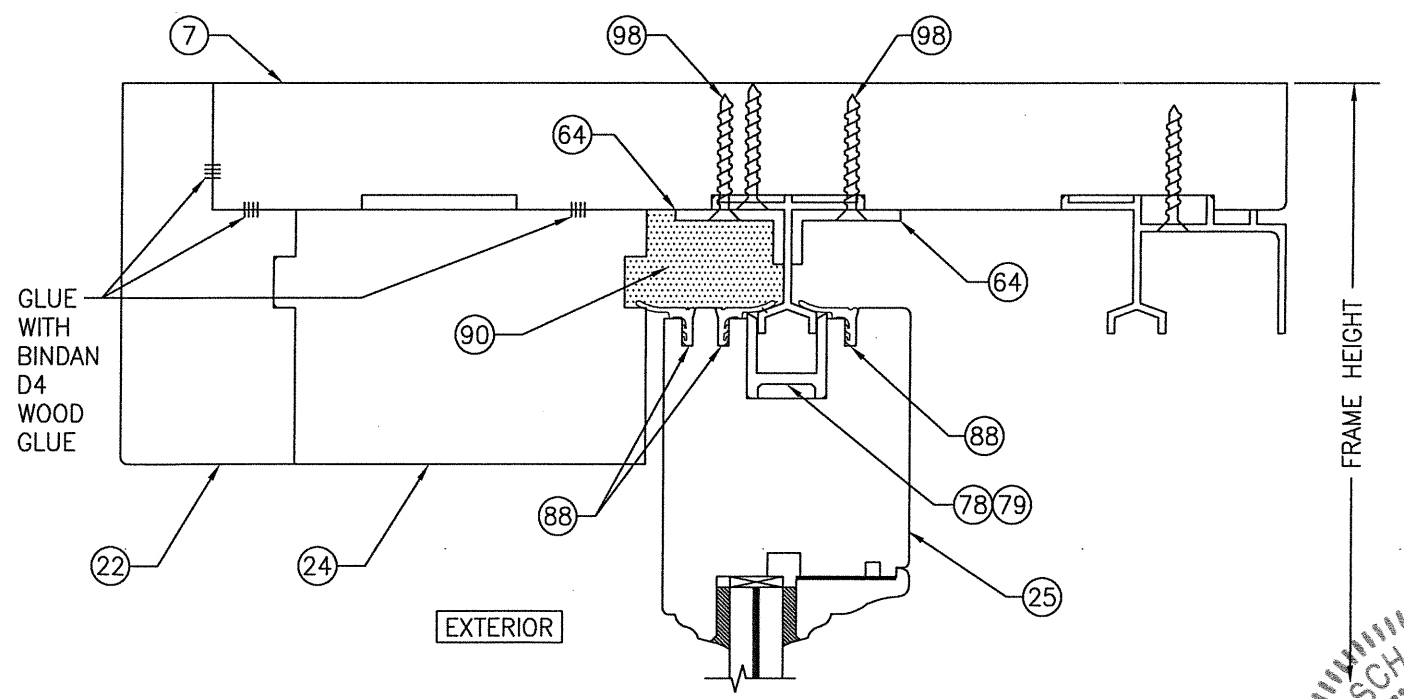
SECTION J6
SCALE: 1/2 FULL

FOR INSTALLATION & OTHER DETAIL NOT SHOWN, SEE SECTION J1/18



SECTION J7
SCALE: 1/2 FULL

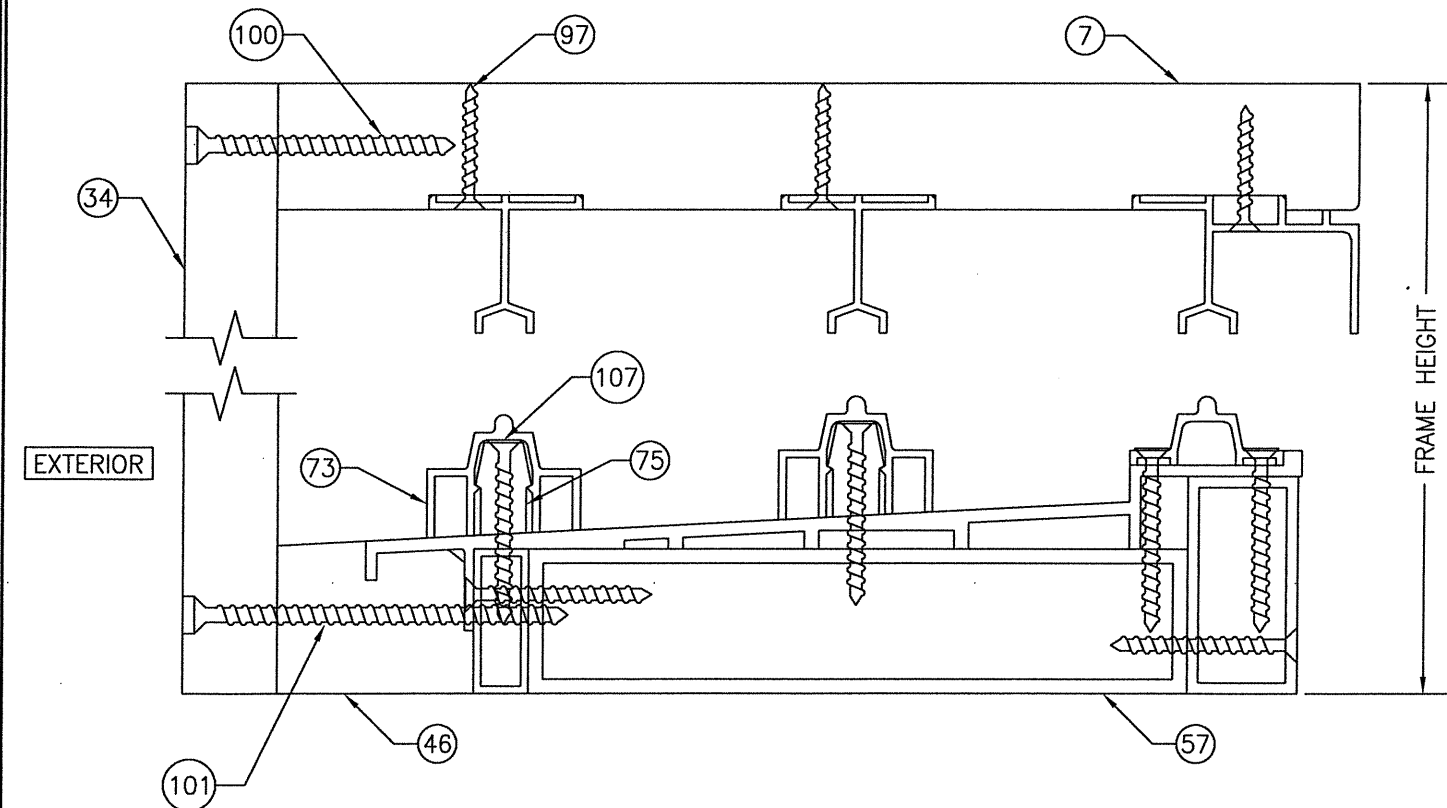
FOR INSTALLATION & OTHER DETAIL NOT SHOWN, SEE SECTION J1/18



SECTION J8
SCALE: 1/2 FULL

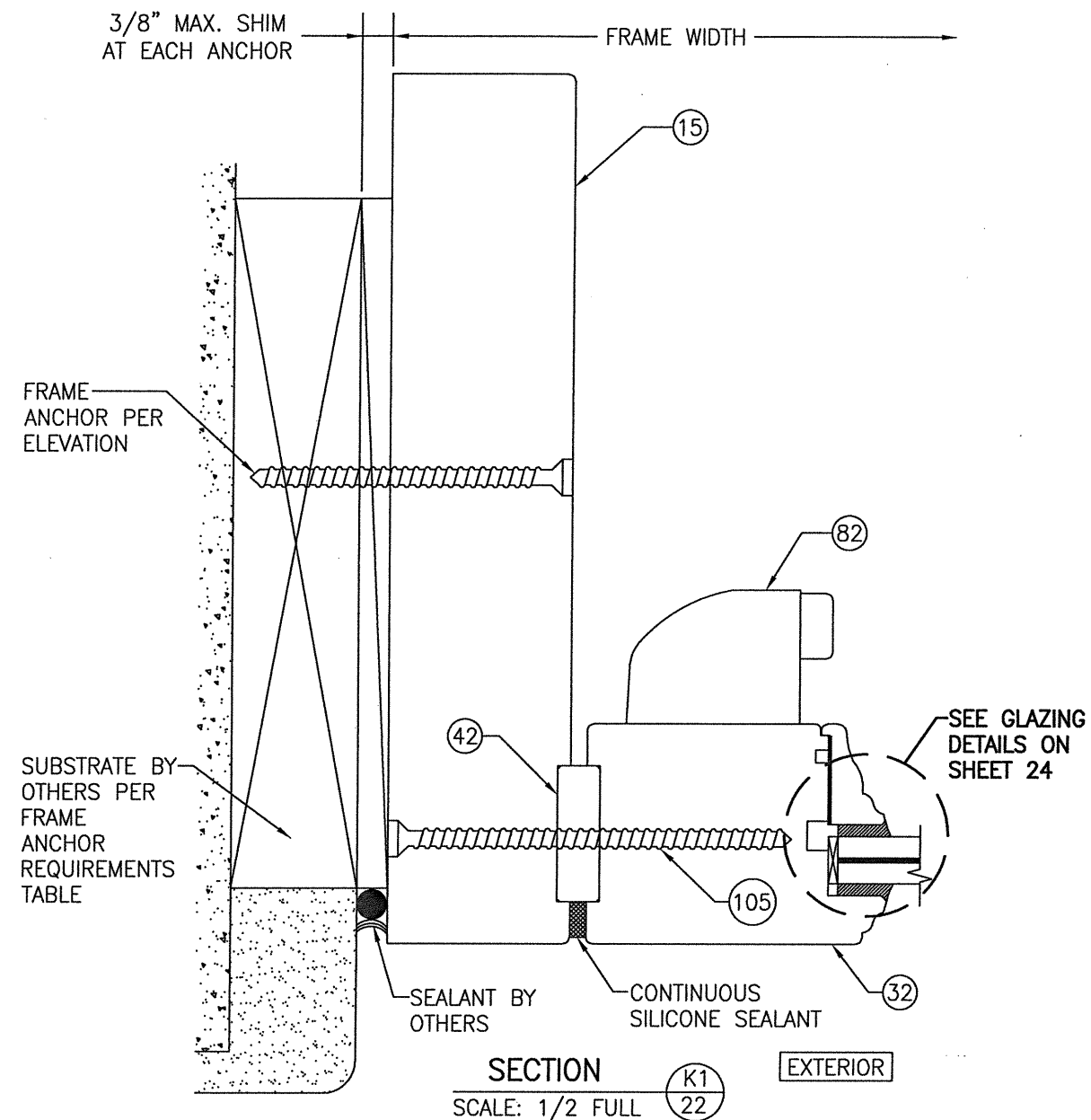
FOR INSTALLATION & OTHER DETAIL NOT SHOWN, SEE SECTION J1/18

DRAWN BY: S.T.R.		CHECKED BY: W.W.S.		
PLOT: 1=2		DATE: 3/18/05		
NO.	REVISION	DESCRIPTION	BY	DATE
DRAWING TITLE				
LIFT & SLIDE WOOD SLIDING GLASS IMPACT DOORS				
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				
STATE OF FLORIDA PROFESSIONAL ENGINEER JUN 02 2020 WARREN W. SCHAEFER, P.E. P.E. NO. 44135				
DRAWING NO. 1321		REV. E		
SHEET NO. 21 OF 38				



SECTION J10
SCALE: 1/2" = 1' FULL 22

FOR INSTALLATION & OTHER DETAIL NOT SHOWN, SEE SECTION J1/18



FRAME SCREW INSTALLATION
SHOWN, SEE DETAILS ON
SHEET 27 FOR DIRECT MOUNT
& CLIP MOUNT DETAILS.

DRAWING NO.		REV.	
1321		E	
SHEET NO.			
22		OF 38	

CERTIFICATION

JUN 02 2020

PROFESSIONAL ENGINEER

WARREN W. SCHAEFER, P.E.
P.E. NO. 44135

DRAWING TITLE

LIFT & SLIDE WOOD SLIDING GLASS IMPACT DOORS

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

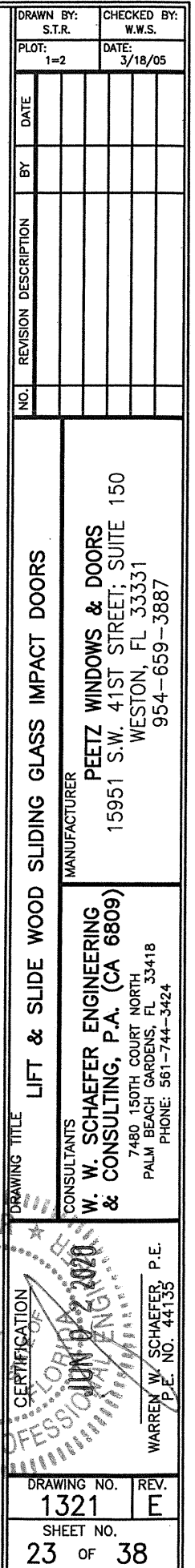
NO.	REVISION DESCRIPTION	BY	DATE

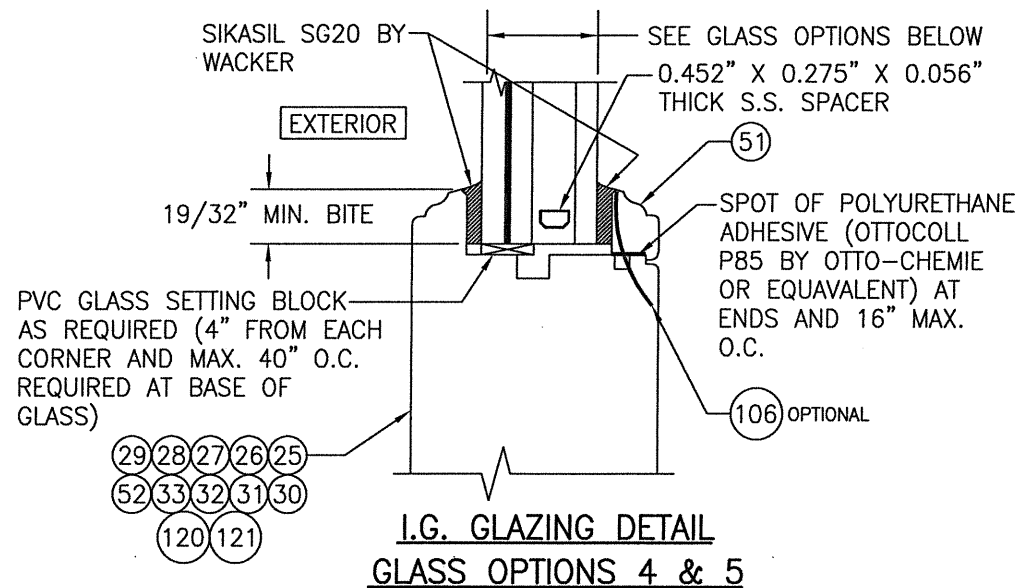
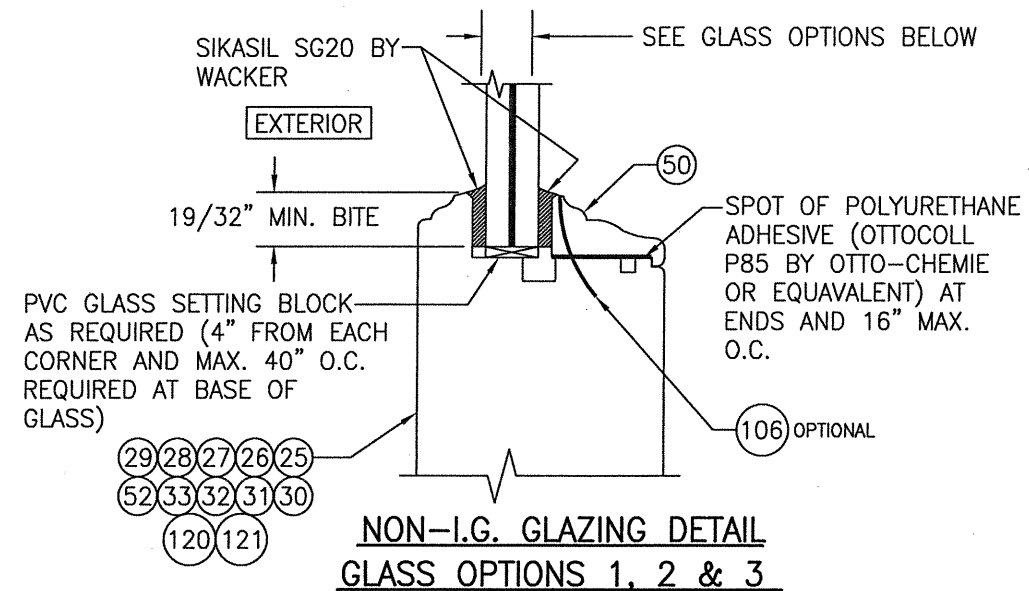
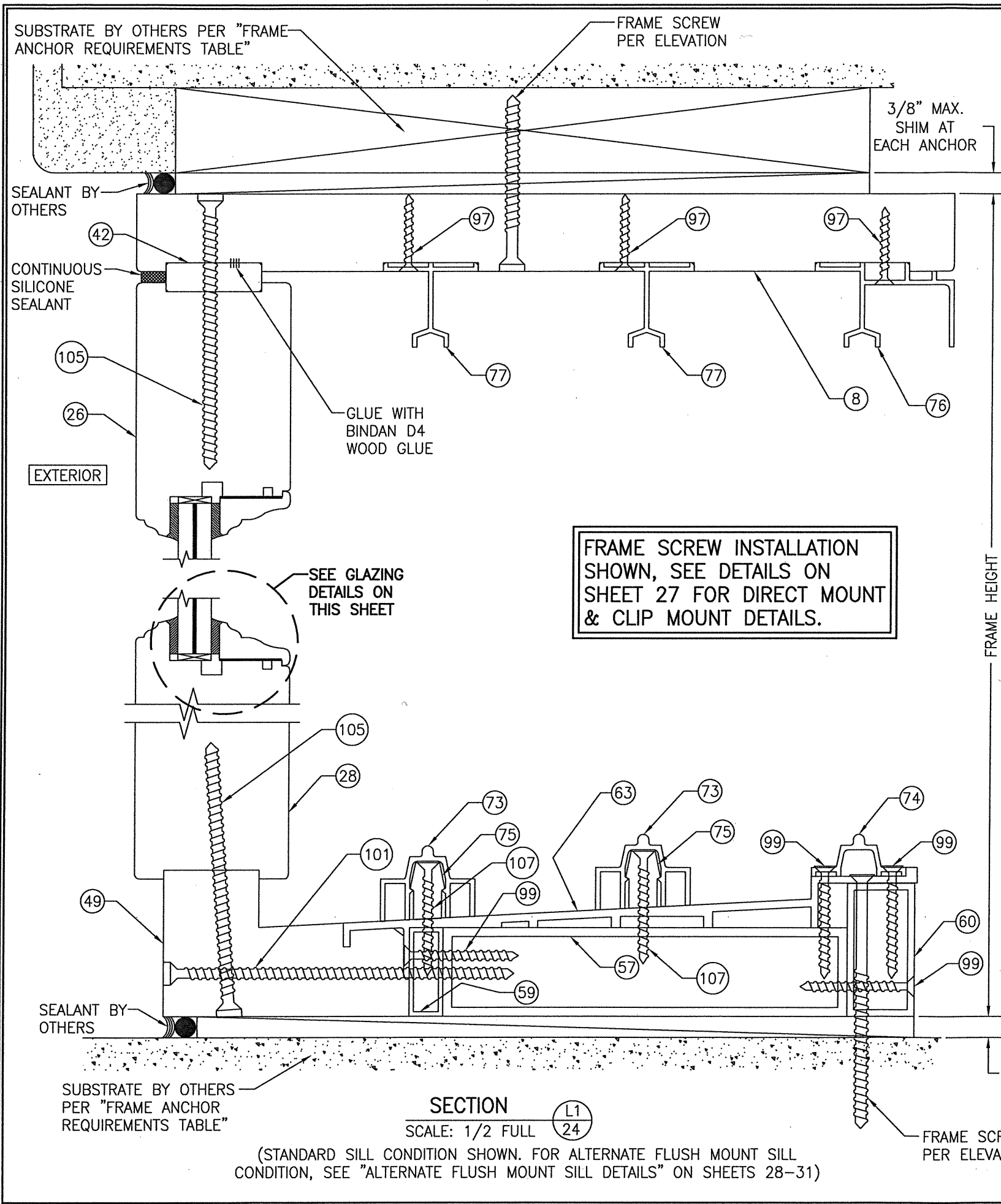
DRAWN BY:
S.T.R.

PLOT:
1=2

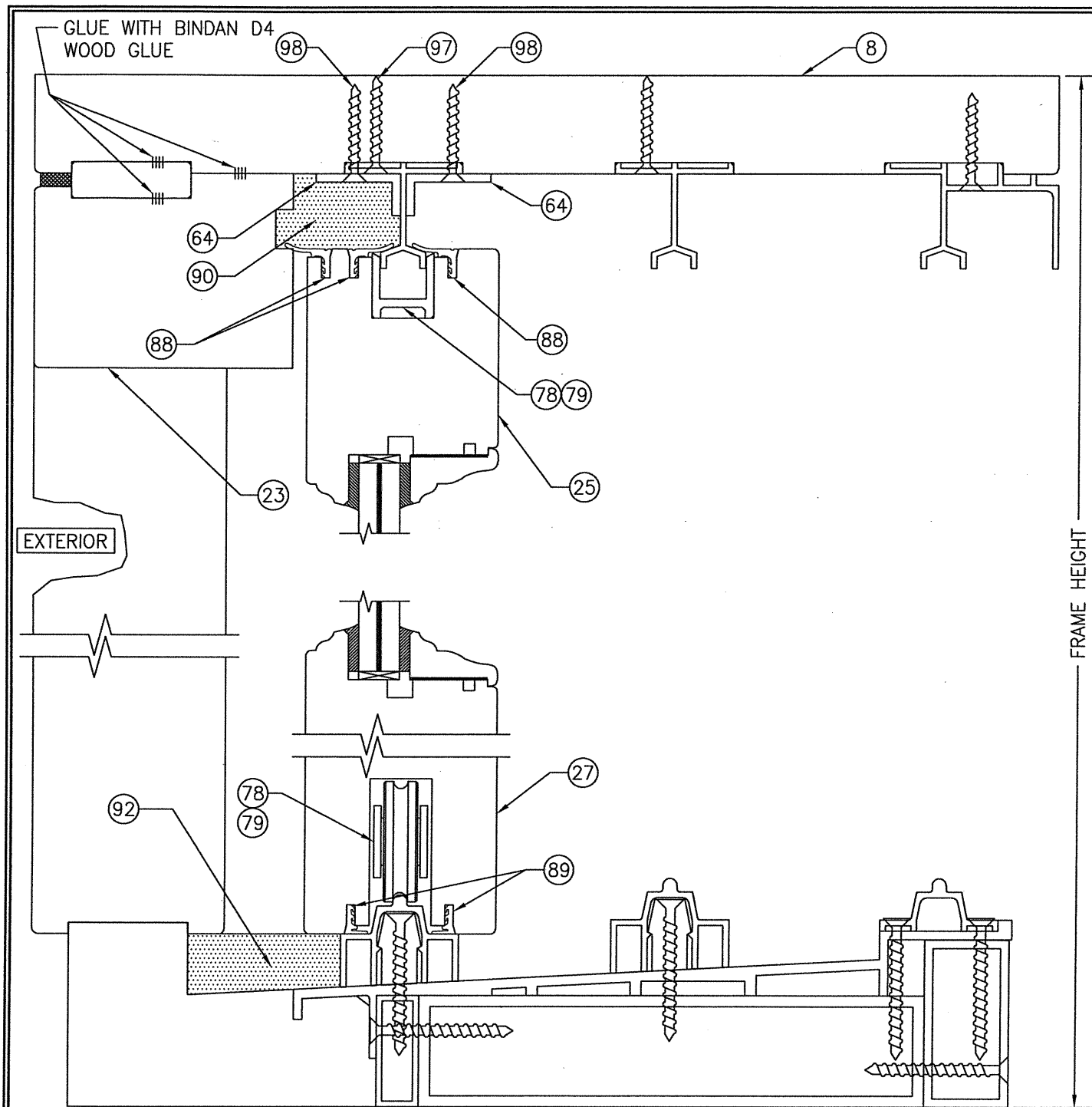
CHECKED BY:
W.W.S.

DATE:
3/18/05



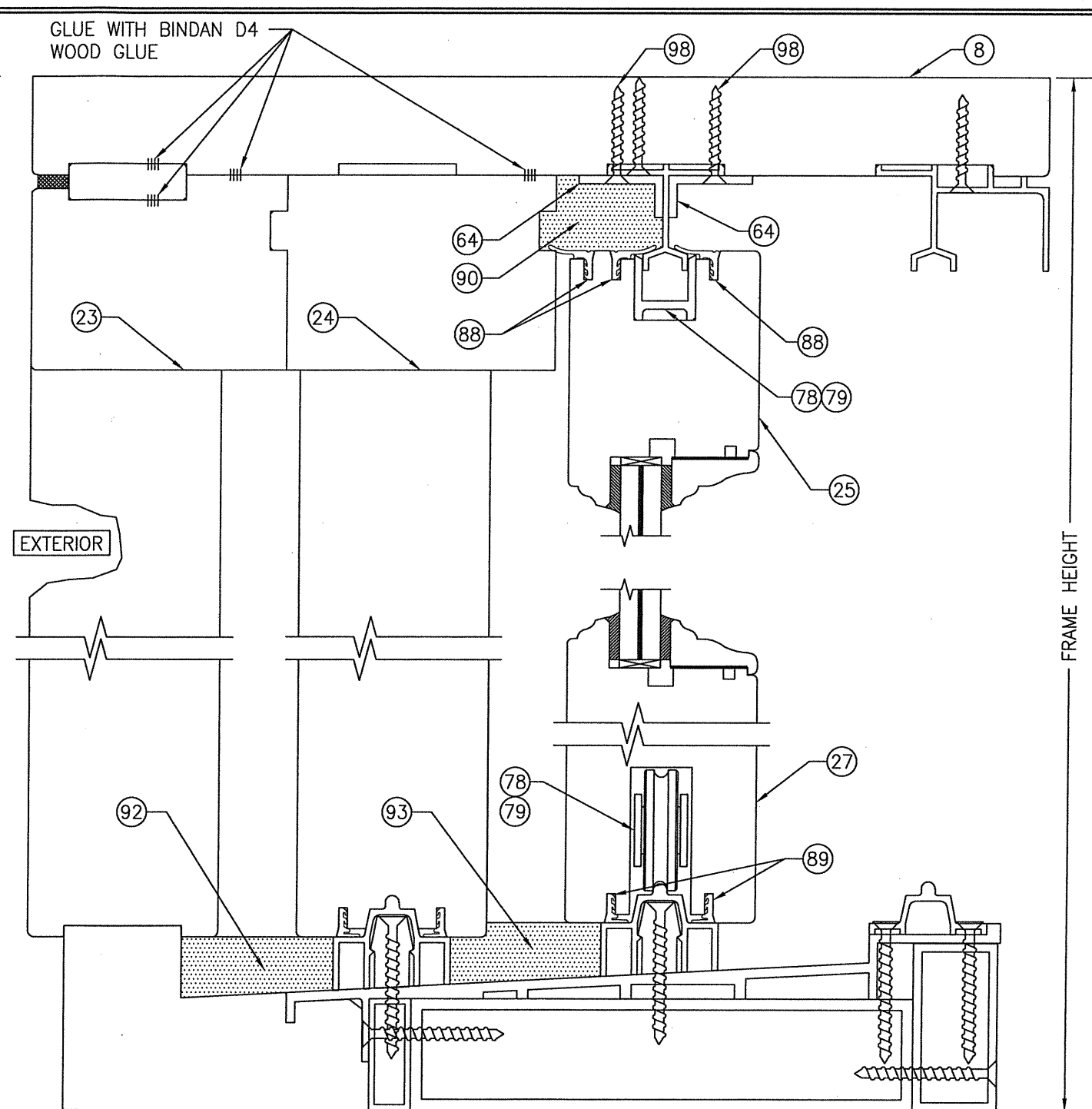


DRAWN BY: S.T.R.	CHECKED BY: W.W.S.
PLOT: 1=2	DATE: 3/18/05
DATE	BY
REVISION DESCRIPTION	
NO.	
DRAWING TITLE LIFT & SLIDE WOOD SLIDING GLASS IMPACT DOORS	MANUFACTURER PEETZ WINDOWS & DOORS 15951 S.W. 41ST STREET, SUITE 150 WESTON, FL 33331 954-659-3887
CONSULTANTS W. W. SCHAEFER ENGINEERING & CONSULTING, P.A. (CA 6809) 7480 150TH COURT NORTH PALM BEACH GARDENS, FL 33418 PHONE: 561-744-3424	STATE OF FLORIDA JUN 02 2020 PROFESSIONAL ENGINEER WARREN W. SCHAEFER, P.E. P.E. NO. 44135
CERTIFICATION No. 44135	DRAWING NO. 1321
	REV. E
	SHEET NO. 24 OF 38



SECTION L2
SCALE: 1/2 FULL 25

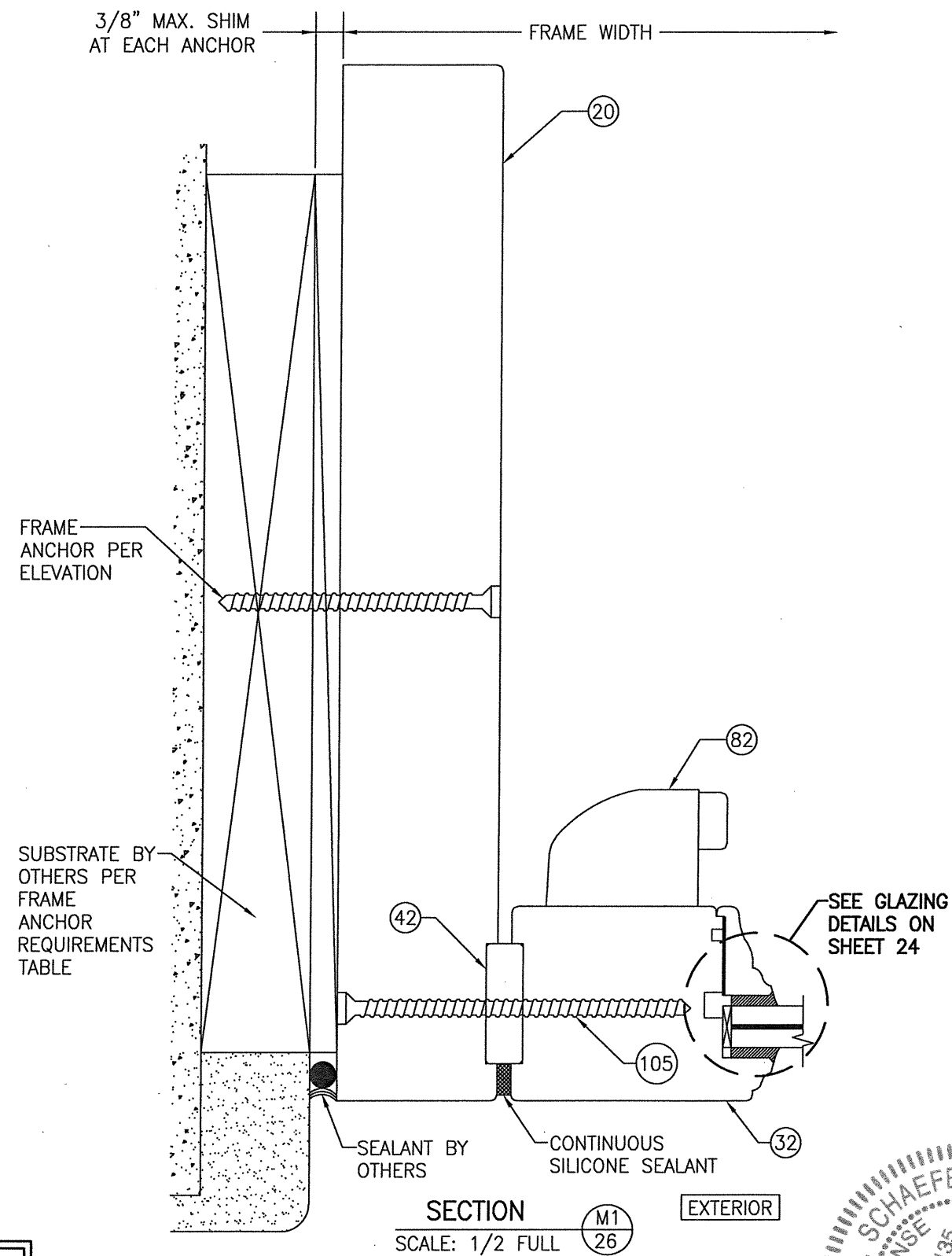
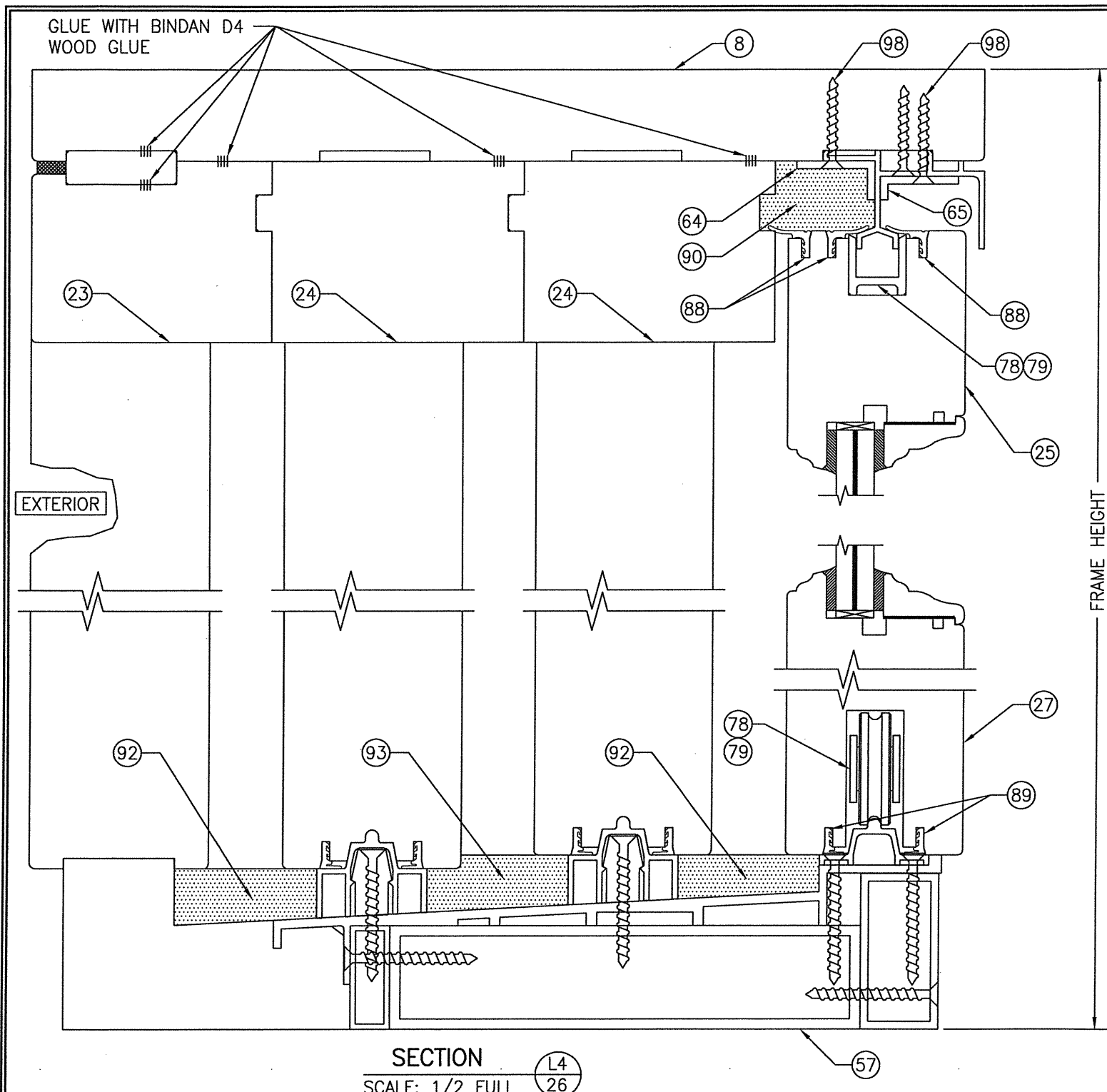
FOR INSTALLATION & OTHER DETAIL
NOT SHOWN, SEE SECTION L1/24



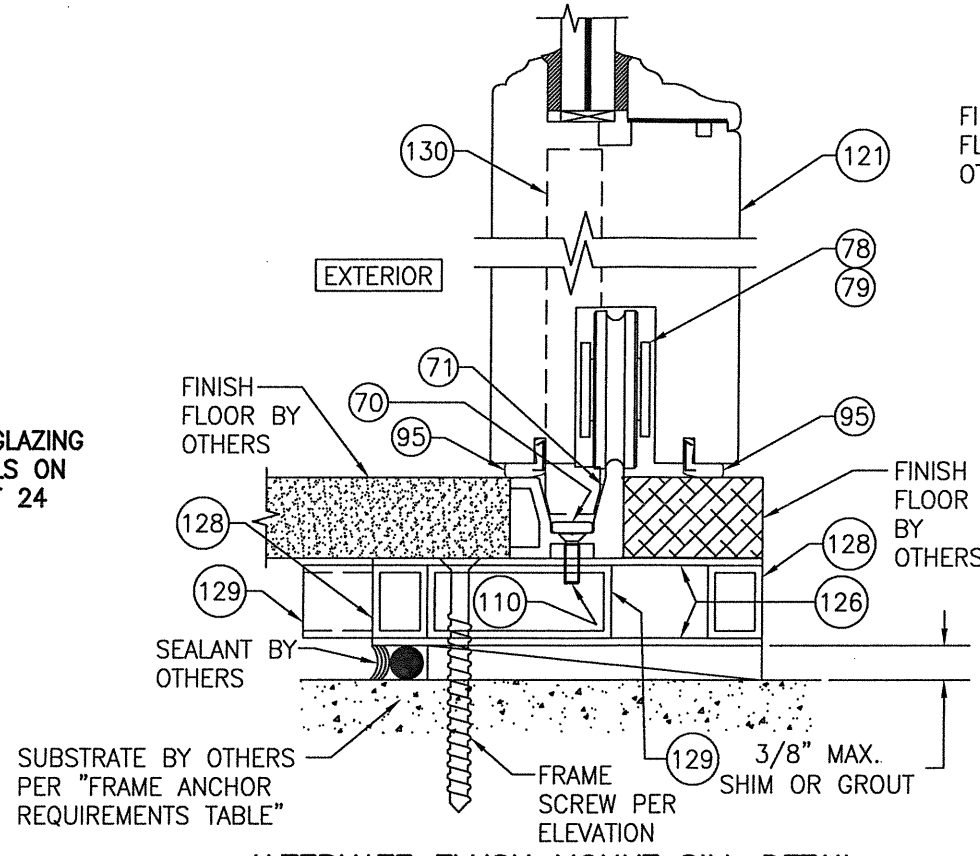
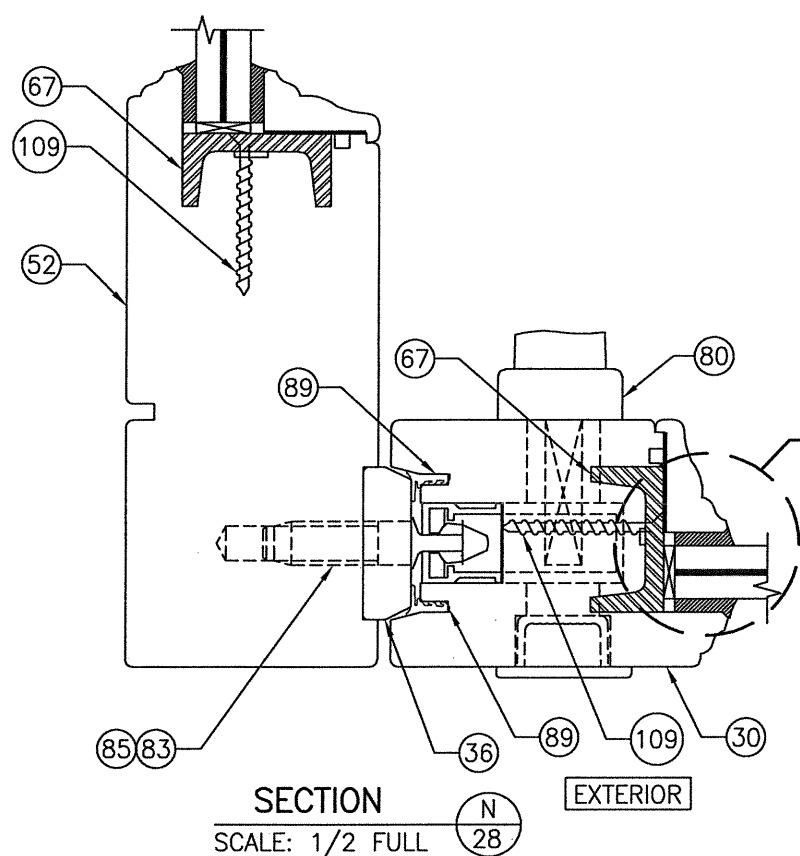
SECTION L3
SCALE: 1/2 FULL 25

FOR INSTALLATION & OTHER DETAIL
NOT SHOWN, SEE SECTION L1/24

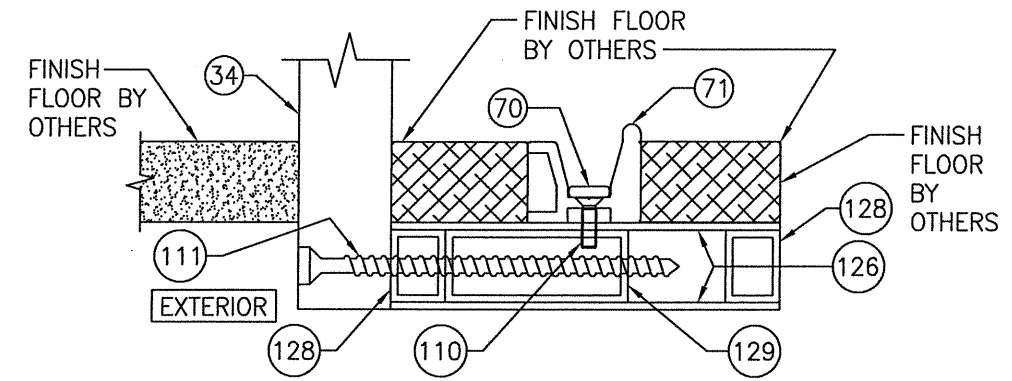
DRAWN BY: S.T.R.		CHECKED BY: W.W.S.	
PLOT: 1=2		DATE: 3/18/05	
NO.	REVISION DESCRIPTION	BY	DATE



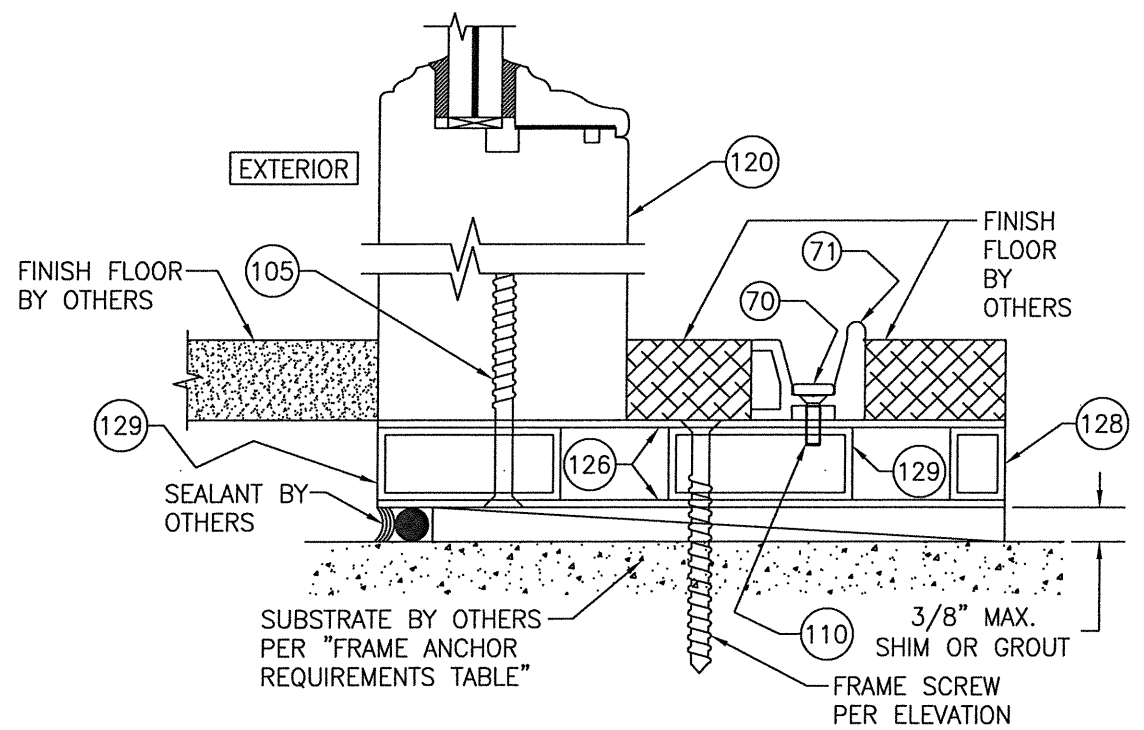
DRAWING NO. 1321	REV. E	SHEET NO. 26 OF 38	CERTIFICATION  WARREN W. SCHAEFFER P.E. P.E. NO. 44175 EXP. 12/31/2020	DRAWING TITLE LIFT & SLIDE WOOD SLIDING GLASS IMPACT DOORS	DRAWN BY: S.T.R.	CHECKED BY: W.W.S.		
				CONSULTANTS W. W. SCHAEFFER ENGINEERING & CONSULTING, P.A. (CA 6809) 7480 150TH COURT 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	PLOT: 1=2	DATE: 3/18/05	
				NO.	REVISION	DESCRIPTION	BY	DATE



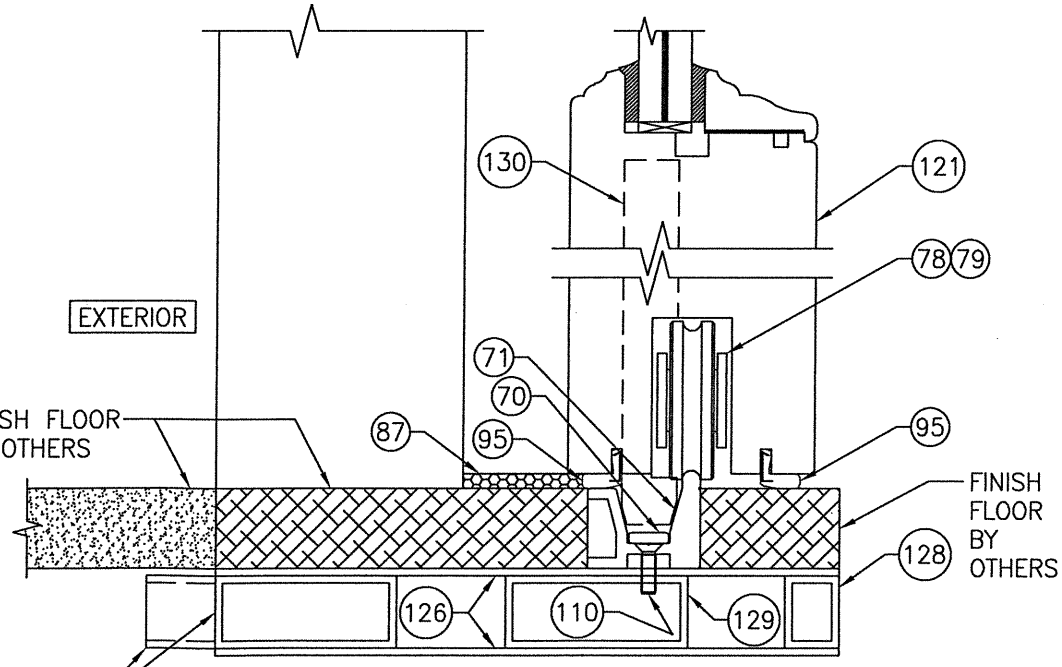
ALTERNATE FLUSH MOUNT SILL DETAIL
(ALTERNATE TO SECTION A1/14)



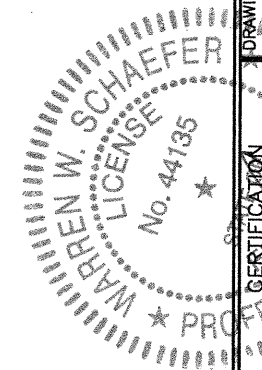
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(ALTERNATE TO SECTION A2/14)
(FOR INSTALLATION NOT SHOWN, SEE ALTERNATE SECTION A1 ON THIS SHEET)



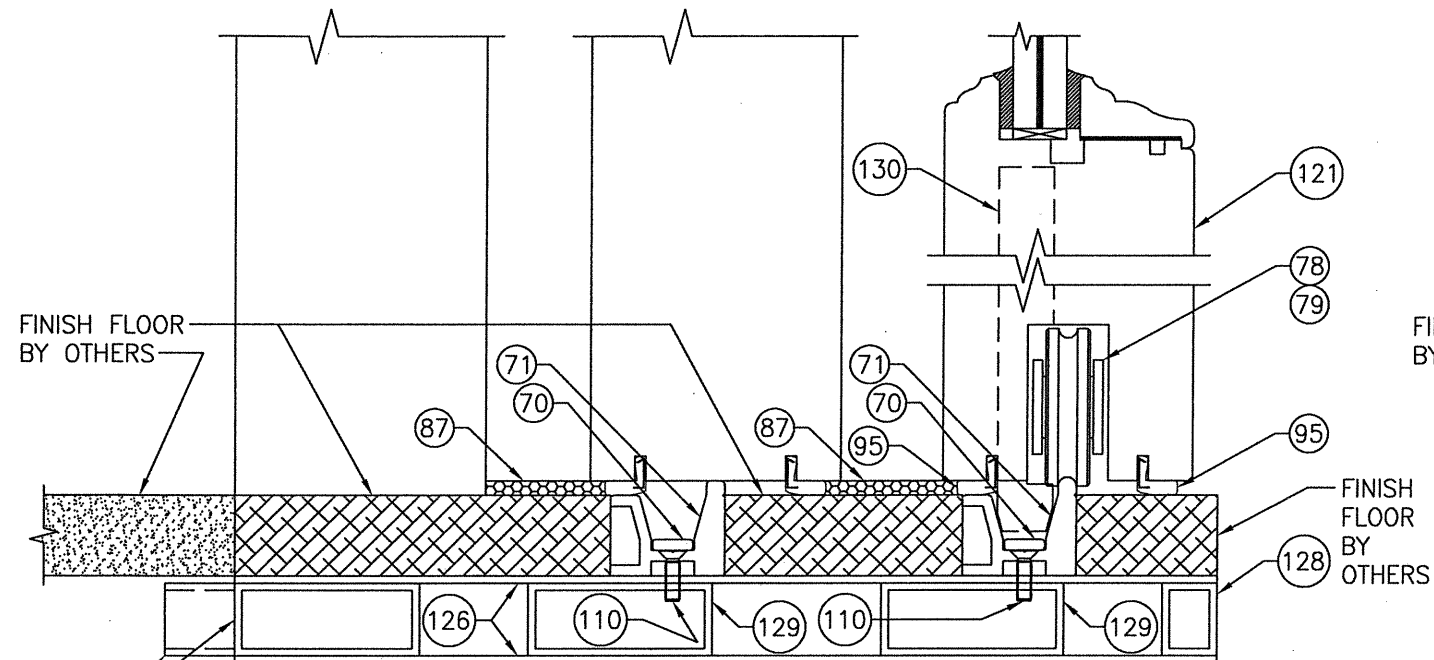
ALTERNATE FLUSH MOUNT SILL DETAIL
(ALTERNATE TO SECTION F1/15)



ALTERNATE FLUSH MOUNT SILL DETAIL
(ALTERNATE TO SECTION F2/16)
(FOR INSTALLATION NOT SHOWN, SEE ALTERNATE SECTION F1 ON THIS SHEET)

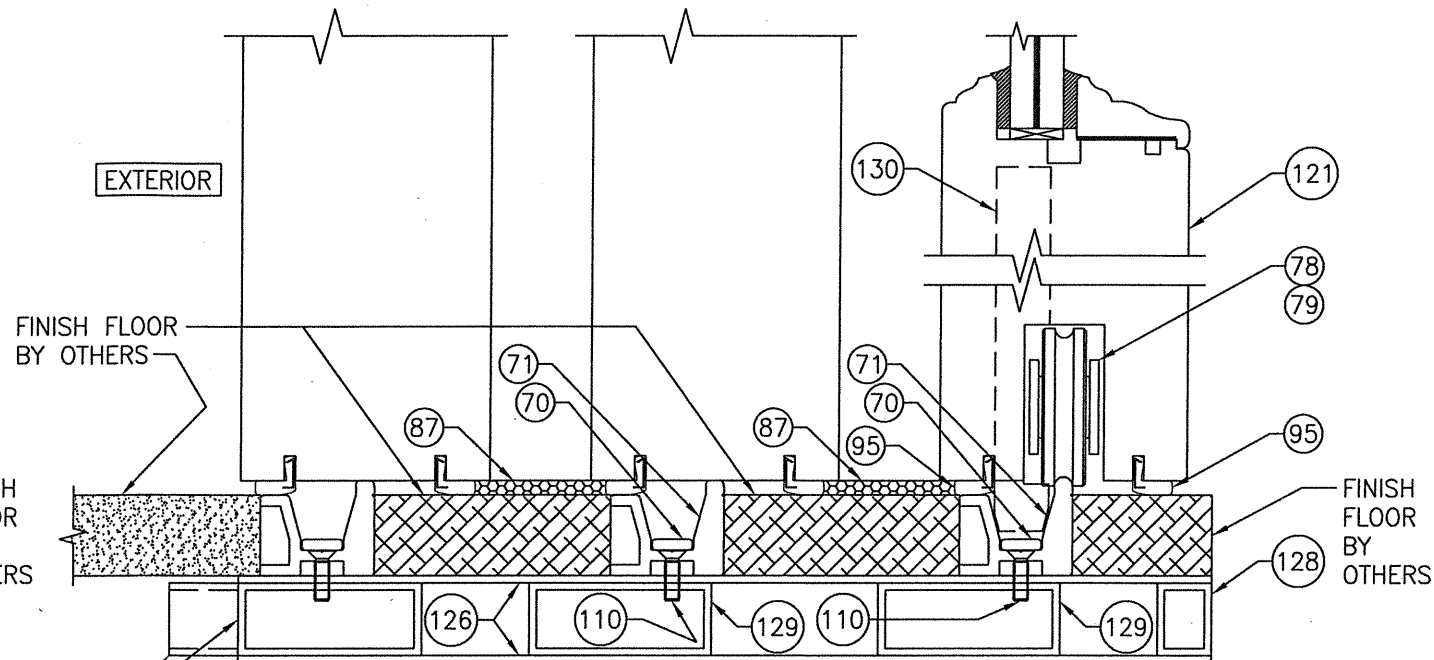


DRAWN BY: S.T.R.		CHECKED BY: W.W.S.	
PLOT: 1=2		DATE: 3/18/05	
NO.	REVISION DESCRIPTION	DATE	BY
DRAWING TITLE LIFT & SLIDE WOOD SLIDING GLASS IMPACT DOORS			
CONSULTANTS W. W. SCHAEFER ENGINEERING & CONSULTING, P.A. (CA 6809)		MANUFACTURER PEETZ WINDOWS & DOORS	
7480 150TH COURT NORTH PALM BEACH GARDENS, FL 33418 PHONE: 561-744-3424		15951 S.W. 41ST STREET, SUITE 150 WESTON, FL 33331 954-659-3887	
CERTIFICATION JUN 1 2 2020		WARREN W. SCHAEFER, P.E. P.E. NO. 44135	
DRAWING NO. 1321		REV. E	
SHEET NO. 28		OF 38	



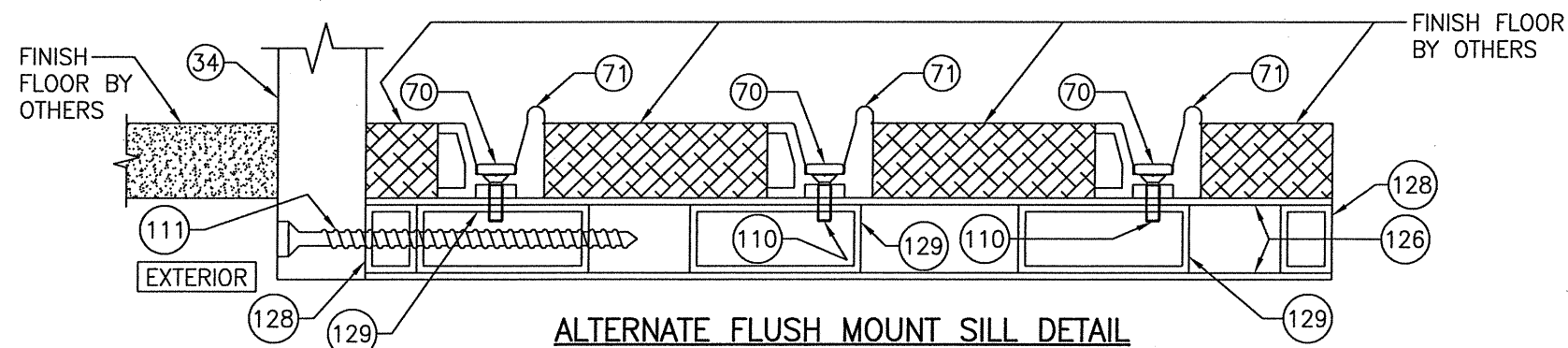
ALTERNATE FLUSH MOUNT SILL DETAIL
(ALTERNATE TO SECTIONS J2/19 & J3/19)

(FOR INSTALLATION NOT SHOWN, SEE ALTERNATE SECTION J1 ON SHEET 29)



ALTERNATE FLUSH MOUNT SILL DETAIL
(ALTERNATE TO SECTIONS J4/20, J5/20 & J6/21)

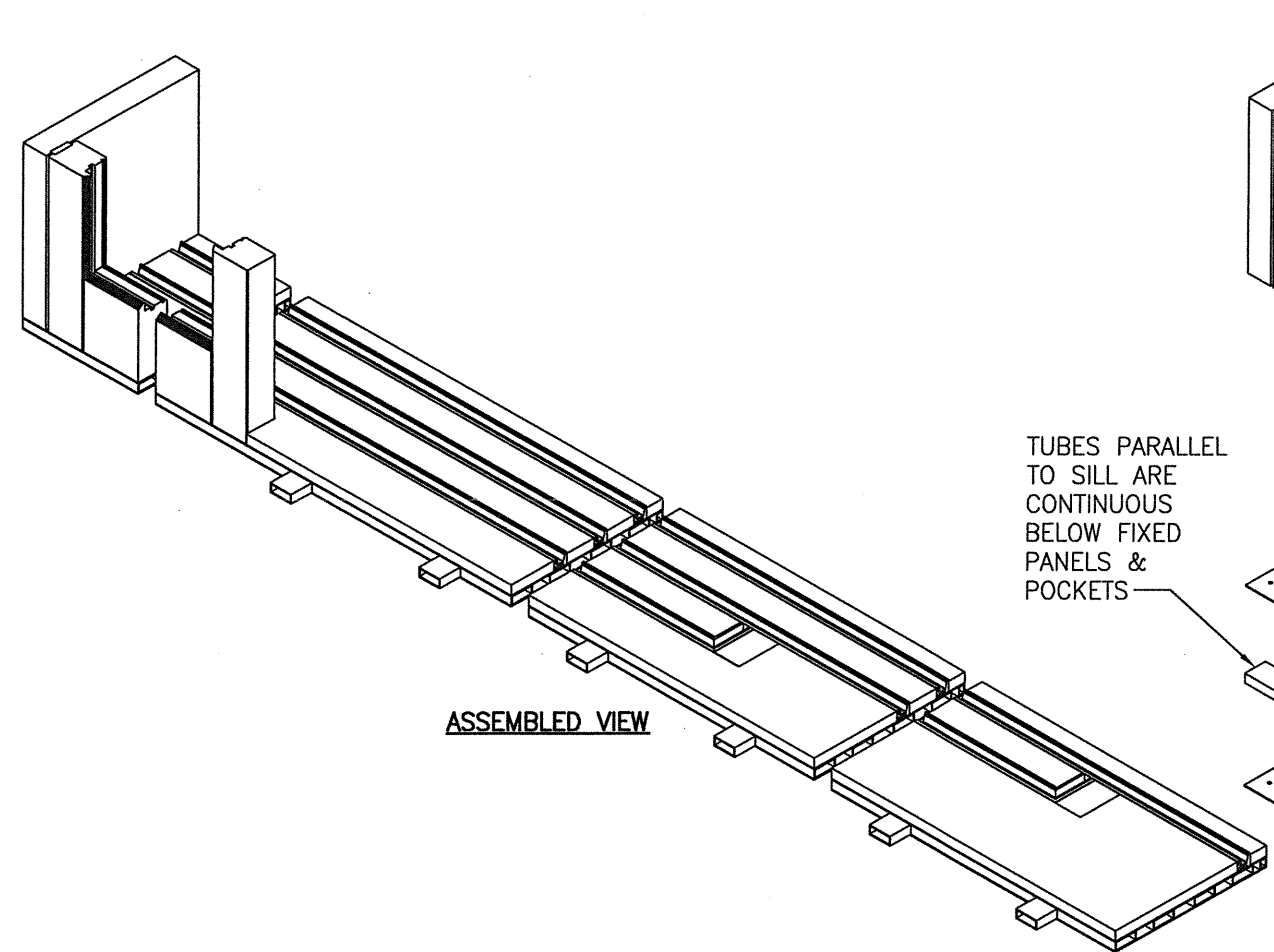
(FOR INSTALLATION NOT SHOWN, SEE ALTERNATE SECTION J1 ON SHEET 29)



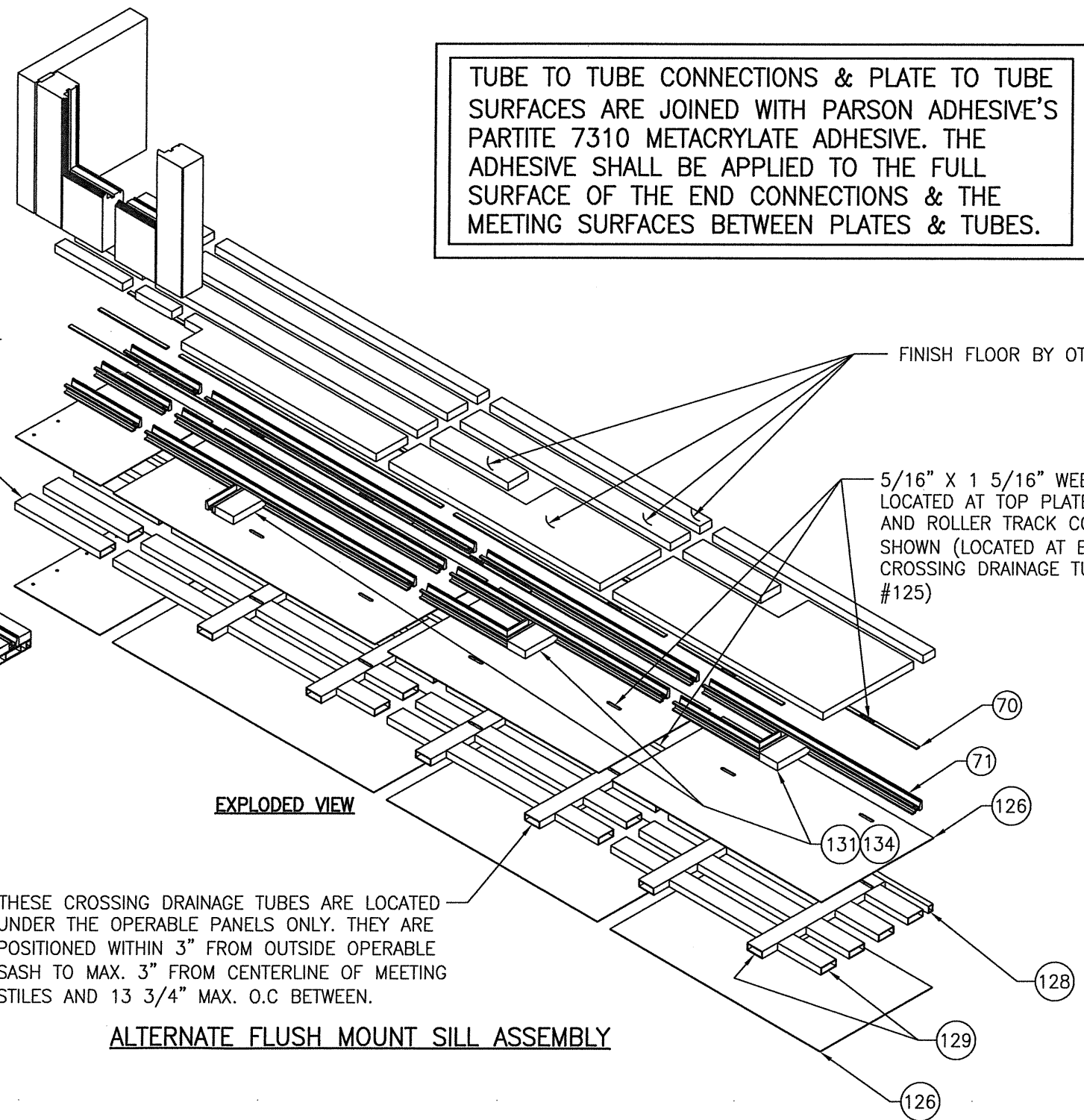
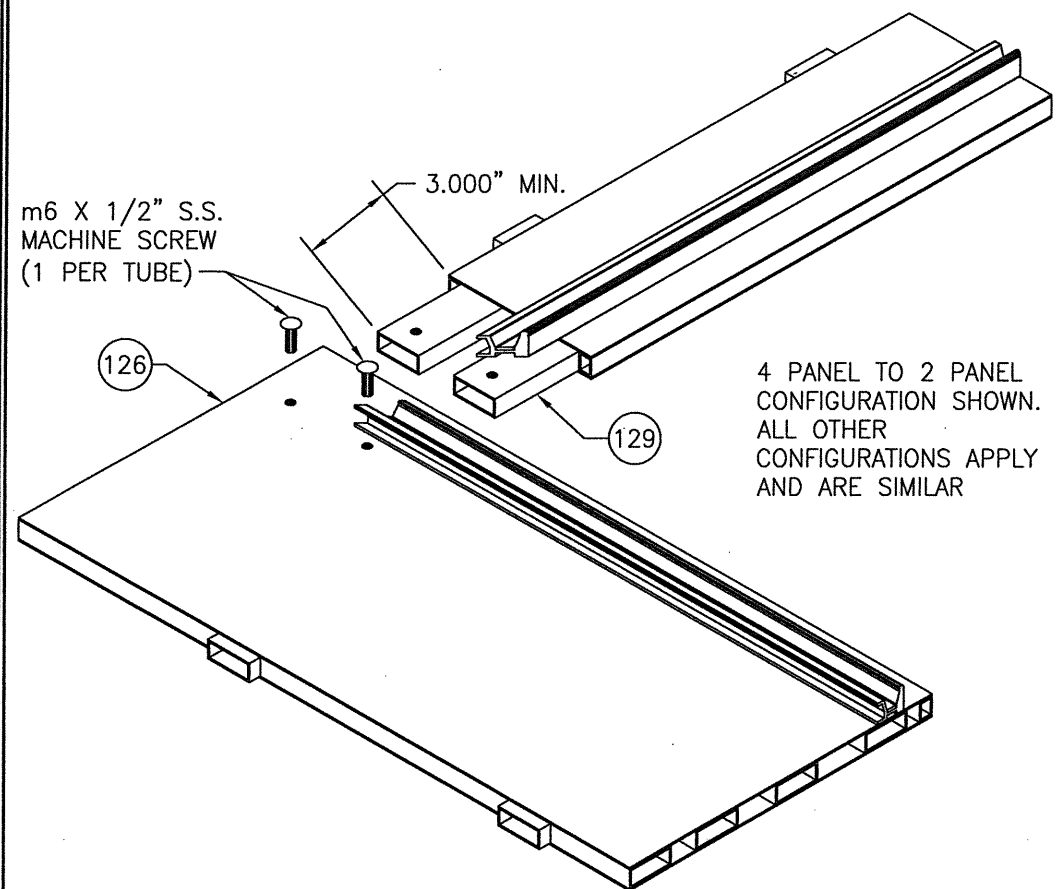
ALTERNATE FLUSH MOUNT SILL DETAIL
(ALTERNATE TO SECTIONS J7/21, J8/21, J9/22 & J10/22)

(FOR INSTALLATION NOT SHOWN, SEE ALTERNATE SECTION J1 ON SHEET 29)

DRAWN BY: S.T.R.		CHECKED BY: W.W.S.	
PLOT: 1=2		DATE: 3/18/05	
DATE	BY	REVISION DESCRIPTION	NO.
DRAWING TITLE LIFT & SLIDE WOOD SLIDING GLASS IMPACT DOORS			
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	
CERTIFICATION W. W. SCHAEFER, P.E. NO. 44135 STATE OF FLORIDA PROFESSIONAL ENGINEER JUN 18 2020		DRAWING NO. 1321	
SHEET NO. 30 OF 38		REV. E	



ALTERNATE FLUSH MOUNT SILL CORNER CONSTRUCTION DETAIL

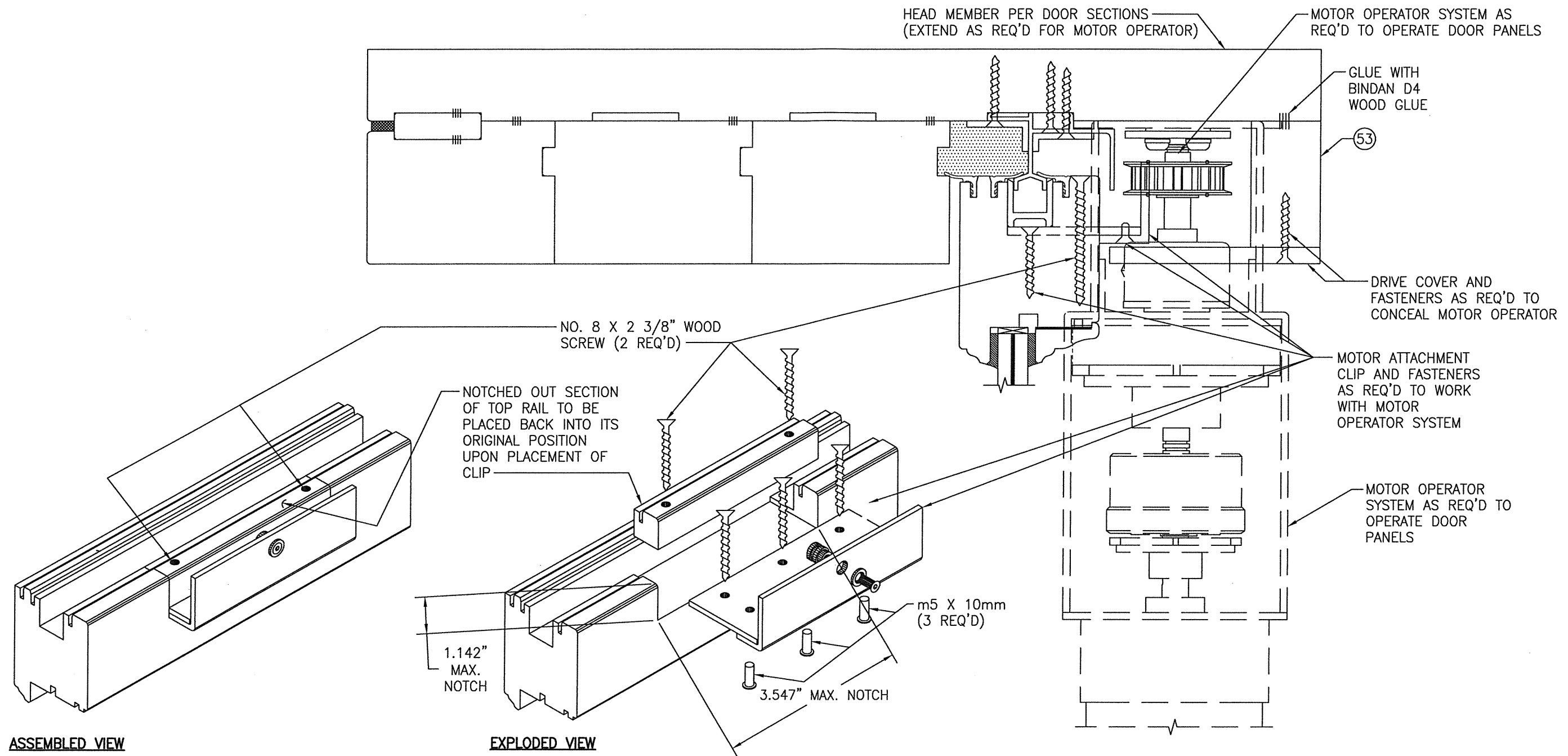


TUBE TO TUBE CONNECTIONS & PLATE TO TUBE SURFACES ARE JOINED WITH PARSON ADHESIVE'S PARTITE 7310 METACRYLATE ADHESIVE. THE ADHESIVE SHALL BE APPLIED TO THE FULL SURFACE OF THE END CONNECTIONS & THE MEETING SURFACES BETWEEN PLATES & TUBES.

THESE CROSSING DRAINAGE TUBES ARE LOCATED UNDER THE OPERABLE PANELS ONLY. THEY ARE POSITIONED WITHIN 3" FROM OUTSIDE OPERABLE SASH TO MAX. 3" FROM CENTERLINE OF MEETING STILES AND 13 3/4" MAX. O.C BETWEEN.

ALTERNATE FLUSH MOUNT SILL ASSEMBLY

DRAWN BY: S.T.R.		CHECKED BY: W.W.S.	
PLOT: 1=2		DATE: 3/18/05	
NO.	REVISION DESCRIPTION	DATE	BY
DRAWING TITLE LIFT & SLIDE WOOD SLIDING GLASS IMPACT DOORS			
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 LICENSE No. 44135 JUN 05 2005		WARREN W. SCHAEFER, P.E. P.E. NO. 44135	
DRAWING NO. 1321		REV. F	
SHEET NO. 32		OF 38	

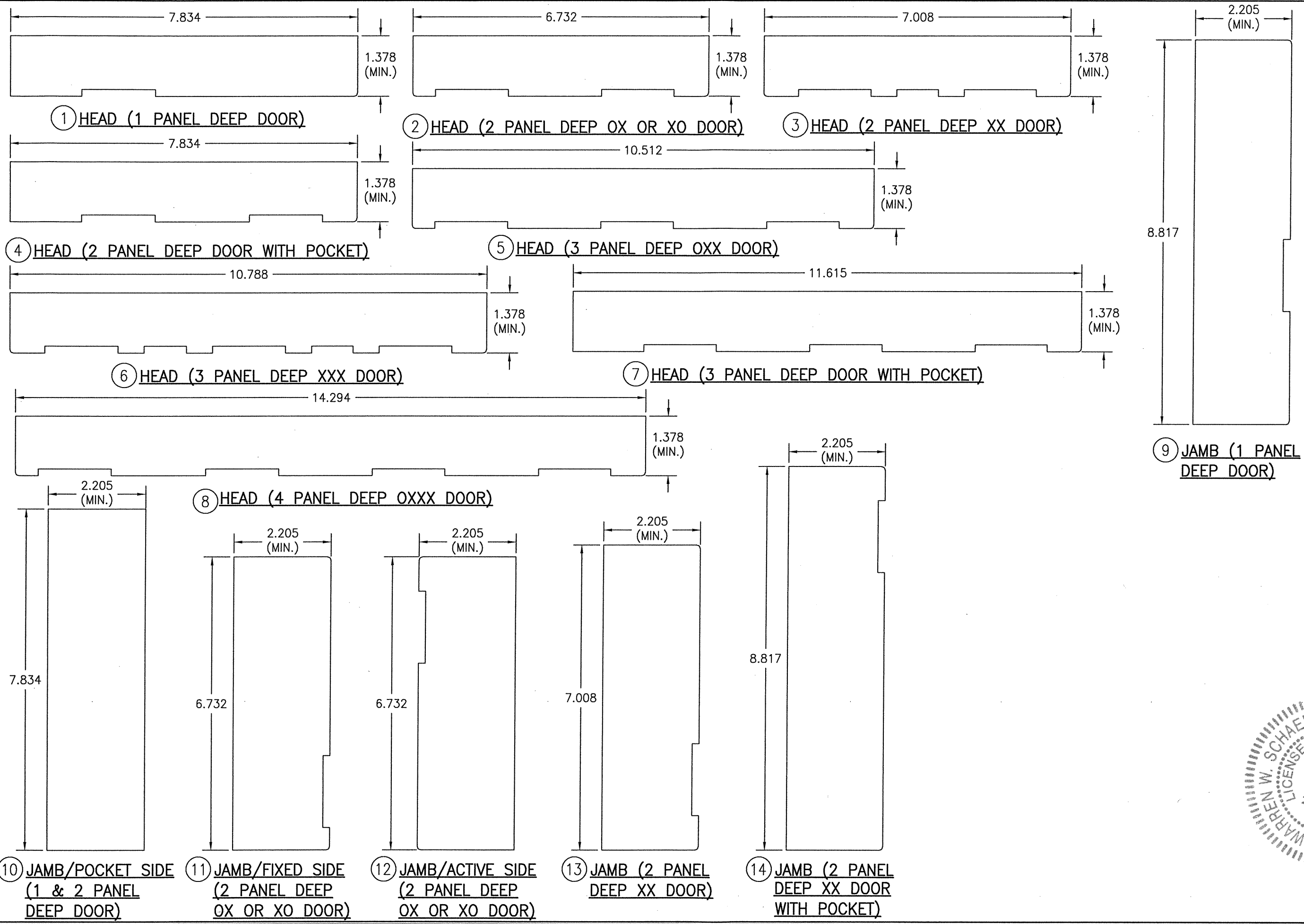


OPTIONAL MOTOR OPERATOR DETAIL

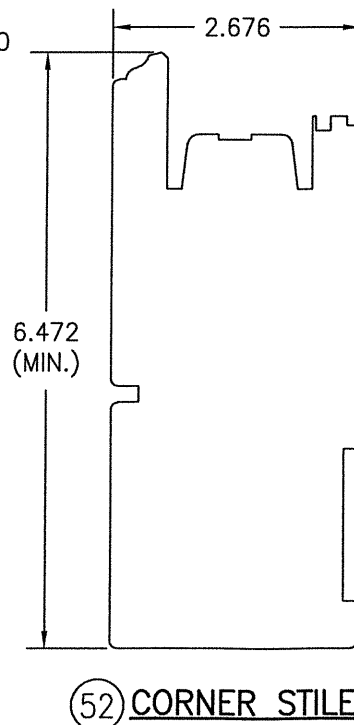
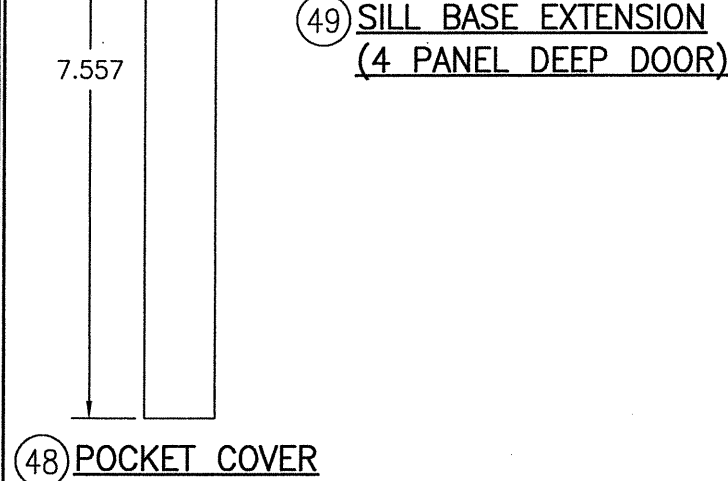
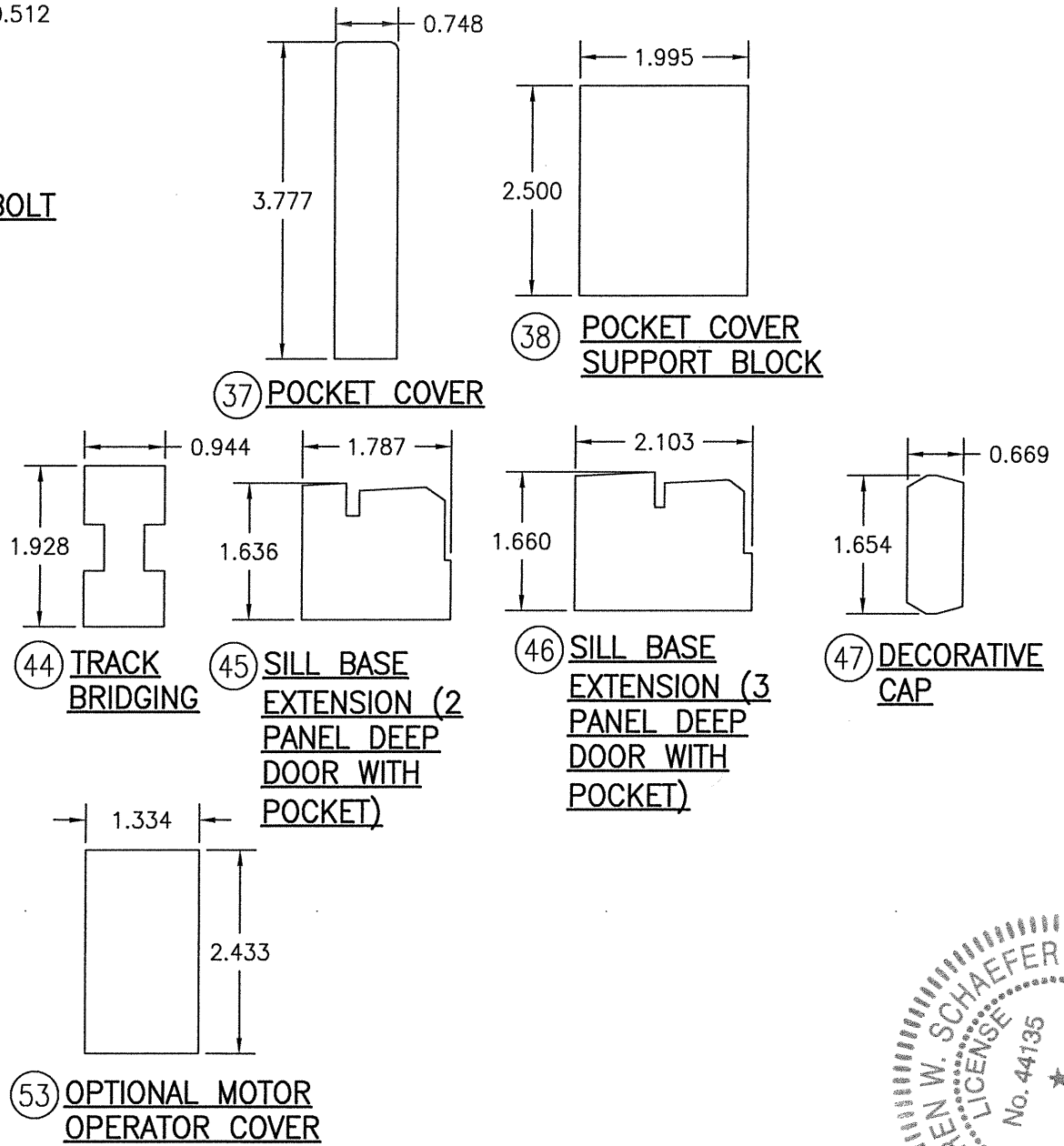
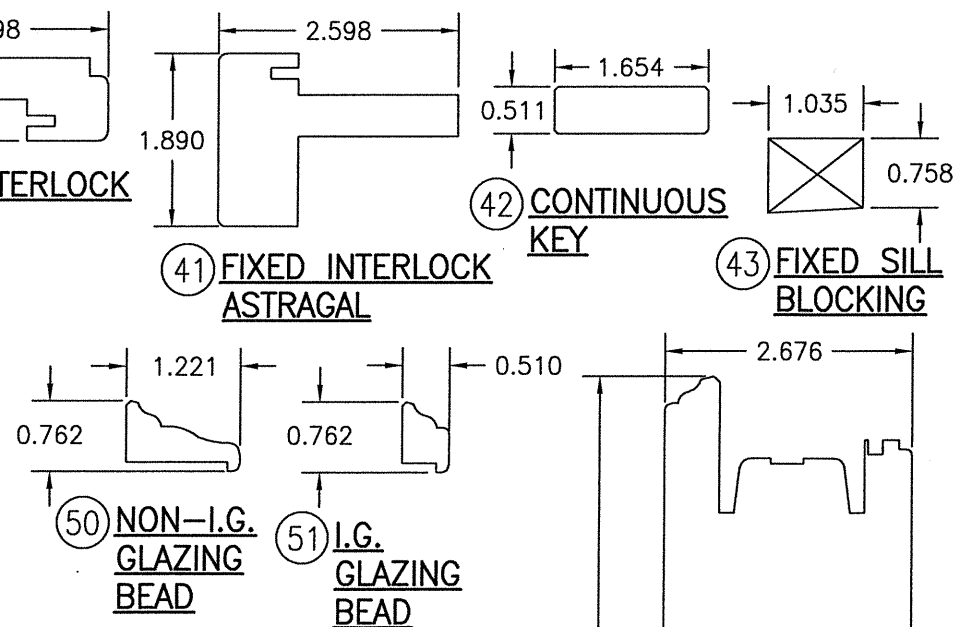
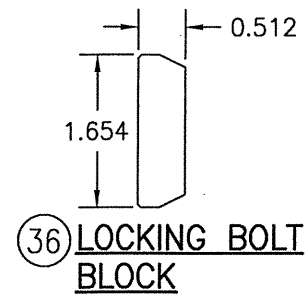
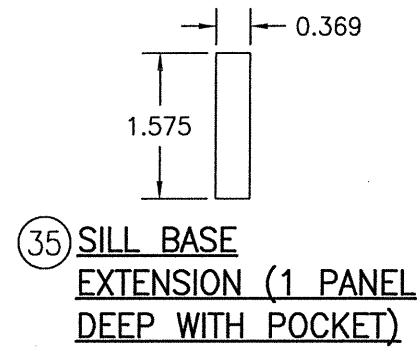
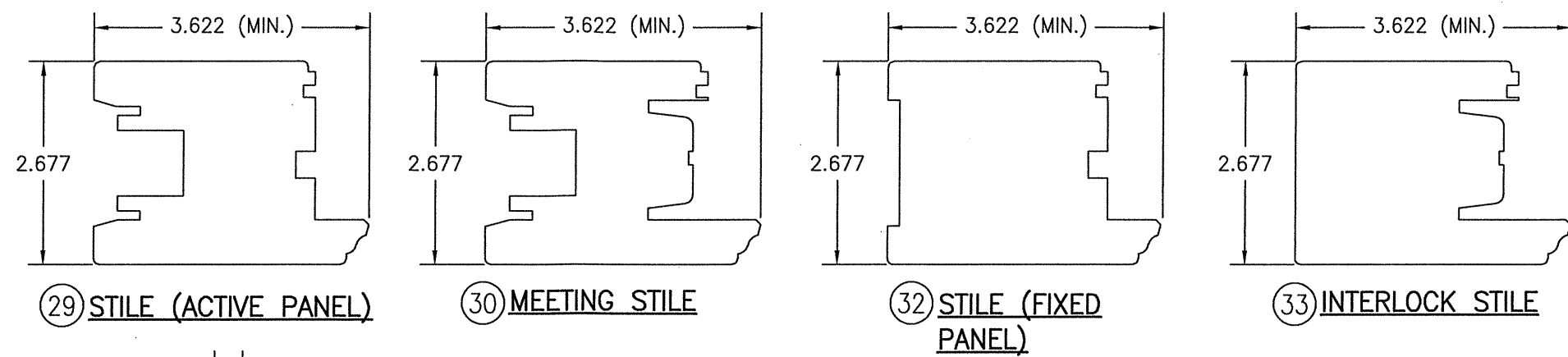
WITH USE OF MOTOR OPERATOR SYSTEM, THERE SHALL BE NO MODIFICATIONS TO THE DOOR FRAME OR DOOR PANEL OTHER THAN THOSE SHOWN HERE-IN.

NOTE: MOTOR OPERATION IS APPLICABLE WITH LOCKING HARDWARE ITEM # 79. IT IS NOT APPLICABLE WITH LOCKING HARDWARE ITEM #78.

DRAWN BY: S.T.R.		CHECKED BY: W.W.S.	
PLOT: 1=2		DATE: 3/18/05	
NO.	REVISION DESCRIPTION	DATE	BY
DRAWING TITLE: LIFT & SLIDE WOOD SLIDING GLASS IMPACT DOORS			
CONSULTANTS		MANUFACTURER	
W. W. SCHAEFER ENGINEERING & CONSULTING, P.A. (CA 6809)		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		P.E.	
WARREN W. SCHAEFER, P.E.		WARREN W. SCHAEFER, P.E.	
No. 44135		No. 44135	
JUN 02 2020		JUN 02 2020	
DRAWING NO. 1321		REV. E	
SHEET NO. 33		OF 38	



DRAWN BY: S.T.R.		CHECKED BY: W.W.S.	
PLOT: 1=2		DATE: 3/18/05	
NO.	REVISION DESCRIPTION	BY	DATE
DRAWING TITLE: LIFT & SLIDE WOOD SLIDING GLASS IMPACT DOORS			
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	
CERTIFICATION: WARREN W. SCHAEFER, P.E. No. 44135 JUN 02 2009			
DRAWING NO. 1321		REV. E	
SHEET NO. 34 OF 38			



DRAWING NO.		REV.	
1321		F	
SHEET NO.			
36		OF 38	

CERTIFICATION

FLORIDA PROFESSIONAL ENGINEERING

JUN 04 2000

WARREN W. SCHAEFFER, P.E.

P.E. NO. 44135

DRAWING TITLE

LIFT & SLIDE WOOD SLIDING GLASS IMPACT DOORS

CONSULTANTS

W. W. SCHAEFFER 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

NO.	REVISION DESCRIPTION	BY	DATE

DRAWN BY:
S.T.R.

PLOT:
1=2

CHECKED BY:
W.W.S.

DATE:
3/18/05

ITEM #	ITEM DESCRIPTION	MANUFACTURER/NOTES
PARTS		
1	HEAD (1 PANEL DEEP DOOR)	MAHOGANY
2	HEAD (2 PANEL DEEP OX OR XO DOOR)	MAHOGANY
3	HEAD (2 PANEL DEEP XX DOOR)	MAHOGANY
4	HEAD (2 PANEL DEEP DOOR WITH POCKET)	MAHOGANY
5	HEAD (3 PANEL DEEP OXX DOOR)	MAHOGANY
6	HEAD (2 PANEL DEEP XXX DOOR)	MAHOGANY
7	HEAD (2 PANEL DEEP DOOR WITH POCKET)	MAHOGANY
8	HEAD (4 PANEL DEEP OXXX DOOR)	MAHOGANY
9	JAMB (1 PANEL DEEP DOOR)	MAHOGANY
10	JAMB/POCKET SIDE (1 & 2 PANEL DEEP DOOR)	MAHOGANY
11	JAMB/FIXED SIDE (2 PANEL DEEP OX OR XO DOOR)	MAHOGANY
12	JAMB/ACTIVE SIDE (2 PANEL DEEP OX OR XO DOOR)	MAHOGANY
13	JAMB (2 PANEL DEEP XX DOOR)	MAHOGANY
14	JAMB (2 PANEL DEEP XX DOOR WITH POCKET)	MAHOGANY
15	JAMB/FIXED SIDE (3 PANEL DEEP OXX DOOR)	MAHOGANY
16	JAMB/ACTIVE SIDE (3 PANEL DEEP OXX DOOR)	MAHOGANY
17	JAMB (3 PANEL DEEP XXX DOOR)	MAHOGANY
18	JAMB/ACTIVE SIDE (3 PANEL DEEP DOOR WITH OR W/O POCKET)	MAHOGANY
19	JAMB/POCKET SIDE (3 PANEL DEEP XXX DOOR WITH POCKET)	MAHOGANY
20	JAMB/FIXED SIDE (4 PANEL DEEP OXXX DOOR WITH POCKET)	MAHOGANY
21	JAMB/ACTIVE SIDE (4 PANEL DEEP OXXX DOOR WITH POCKET)	MAHOGANY
22	HEAD EXTENSION	MAHOGANY
23	HEAD FILLER BLOCK (EXTERIOR)	MAHOGANY
24	HEAD FILLER BLOCK (INTERMEDIATE)	MAHOGANY
25	TOP RAIL (ACTIVE PANEL)	MAHOGANY
26	TOP RAIL (FIXED PANEL)	MAHOGANY
27	BOTTOM RAIL (ACTIVE PANEL)	MAHOGANY
28	BOTTOM RAIL (FIXED PANEL)	MAHOGANY
29	STILE (ACTIVE PANEL)	MAHOGANY
30	MEETING STILE (ACTIVE PANEL)	MAHOGANY
32	STILE (FIXED PANEL)	MAHOGANY
33	INTERLOCK STILE	MAHOGANY
34	MIN. 1" THICK POCKET COVER (OVERALL SIZE PER POCKET REQUIREMENTS)	PLYWOOD
35	SILL BASE EXTENSION (1 PANEL DEEP WITH POCKET)	MAHOGANY
36	LOCKING BOLT BLOCK	MAHOGANY
37	POCKET COVER	MAHOGANY
38	POCKET COVER SUPPORT BLOCK	MAHOGANY
39	POCKET STILE EXTENSION	MAHOGANY
40	ACTIVE INTERLOCK ASTRAGAL	MAHOGANY
41	FIXED INTERLOCK ASTRAGAL	MAHOGANY
42	CONTINUOUS KEY	MAHOGANY
43	FIXED SILL BLOCKING	MAHOGANY
44	TRACK BRIDGING	MAHOGANY
45	SILL BASE EXTENSION (2 PANEL DEEP DOOR WITH POCKET)	MAHOGANY
46	SILL BASE EXTENSION (3 PANEL DEEP DOOR WITH POCKET)	MAHOGANY
47	DECORATIVE CAP	MAHOGANY
48	POCKET COVER	MAHOGANY
49	SILL BASE EXTENSION (4 PANEL DEEP DOOR)	MAHOGANY
50	NON-I.G. GLAZING BEAD	MAHOGANY
51	I.G. GLAZING BEAD	MAHOGANY
52	CORNER STILE	MAHOGANY
53	OPTION MOTOR OPERATOR COVER	MAHOGANY
55	SILL BASE (1 PANEL DEEP DOOR)	6063-T5 ALUMINUM
56	SILL BASE (2 PANEL DEEP DOOR)	6063-T5 ALUMINUM
57	SILL BASE (3 & 4 PANEL DEEP DOORS)	6063-T5 ALUMINUM

ITEM #	ITEM DESCRIPTION	MANUFACTURER/NOTES
PARTS		
58	SILL BASE EXTENSION (1 PANEL DEEP DOOR)	6063-T5 ALUMINUM
59	EXTERIOR SILL BASE EXTENSION (2, 3 & 4 PANEL DEEP DOORS)	6063-T5 ALUMINUM
60	INTERIOR SILL BASE EXTENSION (3 & 4 PANEL DEEP DOORS)	6063-T5 ALUMINUM
61	THRESHOLD COVER (1 & 2 PANEL DEEP DOORS)	BRONZE OR 6063-T5 ALUMINUM
62	THRESHOLD COVER (1 PANEL DEEP DOORS WITH POCKET)	BRONZE OR 6063-T5 ALUMINUM
63	THRESHOLD COVER (3 & 4 PANEL DEEP DOORS)	BRONZE OR 6063-T5 ALUMINUM
64	GUIDING RAIL SUPPORT BRACKET	6063-T5 ALUMINUM
65	GUIDING RAIL SUPPORT BRACKET	6063-T5 ALUMINUM
66	SILL TRACK (FIXED PANEL)	PVC
67	STILE REINFORCEMENT	GALVANIZED 34 KSI STEEL OR S.S.
68	MOUNTING CLIP	GALVANIZED 34 KSI STEEL OR S.S.
HARDWARE		
70	BRASS ROLLER TRACK COVER	OTTO FUCHS #608410 (USE WITH ITEM #71)
71	BRASS ROLLER TRACK	OTTO FUCHS #608409
72	ALUMINUM ROLLER TRACK	SUPPLIED WITH GU OR FFI HARDWARE
73	ALUMINUM ROLLER TRACK	SUPPLIED WITH GU OR FFI HARDWARE
74	ALUMINUM ROLLER TRACK	SUPPLIED WITH GU OR FFI HARDWARE
75	2" LONG ROLLER TRACK CONNECTOR	WITHIN 3" OF ENDS & MAX. 12" O.C.
76	MALE GUIDING RAIL	GU #740
77	INTERMEDIATE GUIDING RAIL	GU #741
78	LIFT AND SLIDE DOOR HARDWARE	FFI #255JH OR GU #934
79	LIFT AND SLIDE DOOR HARDWARE	HAUTAU HS-300-E OR HS-300
80	HANDLE/GRIP PULL	AS REQUIRED TO OPERATE LOCK/LIFT SLIDE SYSTEM
81	BUMPER	GU, FFI OR HAUTAU
82	STOPPER	GU, FFI OR HAUTAU
83	LOCKING BOLT	GU OR FFI #LAR 2500012 OR HAUTAU #184695
84	INTERLOCK CLIP	GU OR FFI #K-16606-00-01 SECURED TO EACH STILE WITH 2 NO. 14 X 1 3/8" WOOD SCREWS
SEALS & SEALANTS		
87	RUBBER SEALING BRIDGE BY GUMMI BUSH	(GLUED ONTO INTERLOCK ASTRAGAL WITH CRAZY GLUE)
88	SASH GASKET	SUPPLIED WITH GU OR FFI
89	SASH GASKET	LOCKING HARDWARE PACKAGE
90	SOFT RUBBER SEALING BRIDGE	GU/FFI (SCREWED TO FRAME W/#6X7/8 SMS)
91	SOFT RUBBER SEALING BRIDGE	GU/FFI (SCREWED TO FRAME W/#6X7/8 SMS)
92	SOFT RUBBER SEALING PIECE	GU/FFI (GLUED ONTO RUNNING RAIL)
93	SOFT RUBBER SEALING PIECE	GU/FFI (GLUED ONTO RUNNING RAIL)
94	3/8" X 3/16" PRECOMPRESSED TAPE	AS REQ'D
95	SASH GASKET	SCHLEGAL #QL3011
96	SEALING BRIDGE	PEETZ (SCREWED TO FRAME W/#6X7/8 SMS)
FASTENERS		
97	NO. 8 X 1 3/8" S.S. WOOD SCREW	WITHIN 4" OF CORNERS & 12" MAX. O.C.
98	NO. 8 X 1 3/8" S.S. WOOD SCREW	WITHIN 2" OF CORNERS & 8" MAX. O.C.
99	NO. 8 X 2" S.S. SMS SCREW	WITHIN 4" OF CORNERS & 12" MAX. O.C.
100	NO. 12 X 2 3/4" S.S. WOOD SCREW	WITHIN 4" OF CORNERS & 6" MAX. O.C.
101	NO. 12 S.S. SMS SCREW (LENGTH AS REQ'D TO PENETRATE ALUMINUM SILL BASE)	WITHIN 4" OF CORNERS & 6" MAX. O.C.
102	NO. 8 X 1 3/4" S.S. SCREW	WITHIN 6" OF CORNERS & 17" MAX. O.C.
103	NO. 14 X 3 3/4" WOOD SCREW	WITHIN 4" OF CORNERS & 14" MAX. O.C.
104	NO. 14 X 5" WOOD SCREW	WITHIN 4" OF CORNERS & 14" MAX. O.C.
105	NO. 14 X 4 3/4" WOOD SCREW	WITHIN 5 1/2" OF CORNERS & 10" MAX. O.C.
106	18 GA. X 1 1/4" GALV. CURVED NAIL	WITHIN 10" OF CORNERS & 20" MAX. O.C.
107	3/16" X 1 9/16 SELF TAP/DRILLING SCREW	2 PER TRACK CONNECTOR
108	NO. 8 X 2 3/4" S.S. SMS SCREW	WITHIN 4" OF CORNERS & 12" MAX. O.C.
109	NO. 8 X 1 3/4" WOOD SCREW	WITHIN 6" OF ENDS & 24" MAX. O.C.
110	m5 X 15 SCREWS	WITHIN 2" OF ENDS & 12" MAX. O.C.
111	NO. 12 X 4" S.S. SMS SCREW	WITHIN 4" OF CORNERS & 6" MAX. O.C.

ITEM #	ITEM DESCRIPTION	MANUFACTURER/NOTES
ALTERNATE FLUSH MOUNT SILL PARTS		
120	BOTTOM RAIL (FIXED PANEL)	MAHOGANY
121	BOTTOM RAIL (ACTIVE PANEL)	MAHOGANY
126	0.09375" THICK PLATE	6060-T66 ALUMINUM
128	INTERIOR AND EXTERIOR TUBE	6060-T66 ALUMINUM
129	INTERMEDIATE TUBE	6060-T66 ALUMINUM
130	SILL LOCK BOLT (2 PER ACTIVE PANEL)	6060-T66 ALUMINUM
131	SADDLE BASE (SCREWED TO SILL WITH 1 m5 X 30 mm SCREW)	BRONZE
134	SADDLE COVER (AFFIXED TO ITEM #131 WITH SIKASIL 184 N-PLUS SILICONE SEALANT BY SIKA)	BRONZE

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.

DRAWN BY: S.T.R.		CHECKED BY: W.W.S.	
PLOT: 1=2		DATE: 3/18/05	
DATE	BY	REVISION DESCRIPTION	NO.
DRAWING TITLE: LIFT & SLIDE WOOD SLIDING GLASS IMPACT DOORS			
CONSULTANTS		MANUFACTURER	
W. W. SCHAEFER ENGINEERING & CONSULTING, P.A. (CA 6809)		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		REV.	
No. 44135		1321	
STATE OF FLORIDA		SHEET NO.	
JUL 10 2020		38 OF 38	