

GENERAL NOTES:

- THIS PRODUCT HAS BEEN TESTED, ANALYZED & APPROVED FOR DESIGN PRESSURES NOT TO EXCEED THOSE SHOWN IN THE "ALLOWABLE DESIGN PRESSURE TABLE(S)".
- OPENINGS, BUCKING & BUCKING FASTENERS MUST BE PROPERLY DESIGNED & INSTALLED TO TRANSFER WIND LOADS TO THE STRUCTURE.
- 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.
- 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.
- IMPACT SHUTTERS ARE NOT REQUIRED WITH THIS PRODUCT.
- 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.
- 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.
- MATERIALS, INCLUDING BUT NOT LIMITED TO STEEL SCREWS, THAT COME INTO CONTACT WITH OTHER DISSIMILAR MATERIALS SHALL MEET THE REQUIREMENTS OF FLORIDA BUILDING CODE.
- 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.
- 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.
- 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

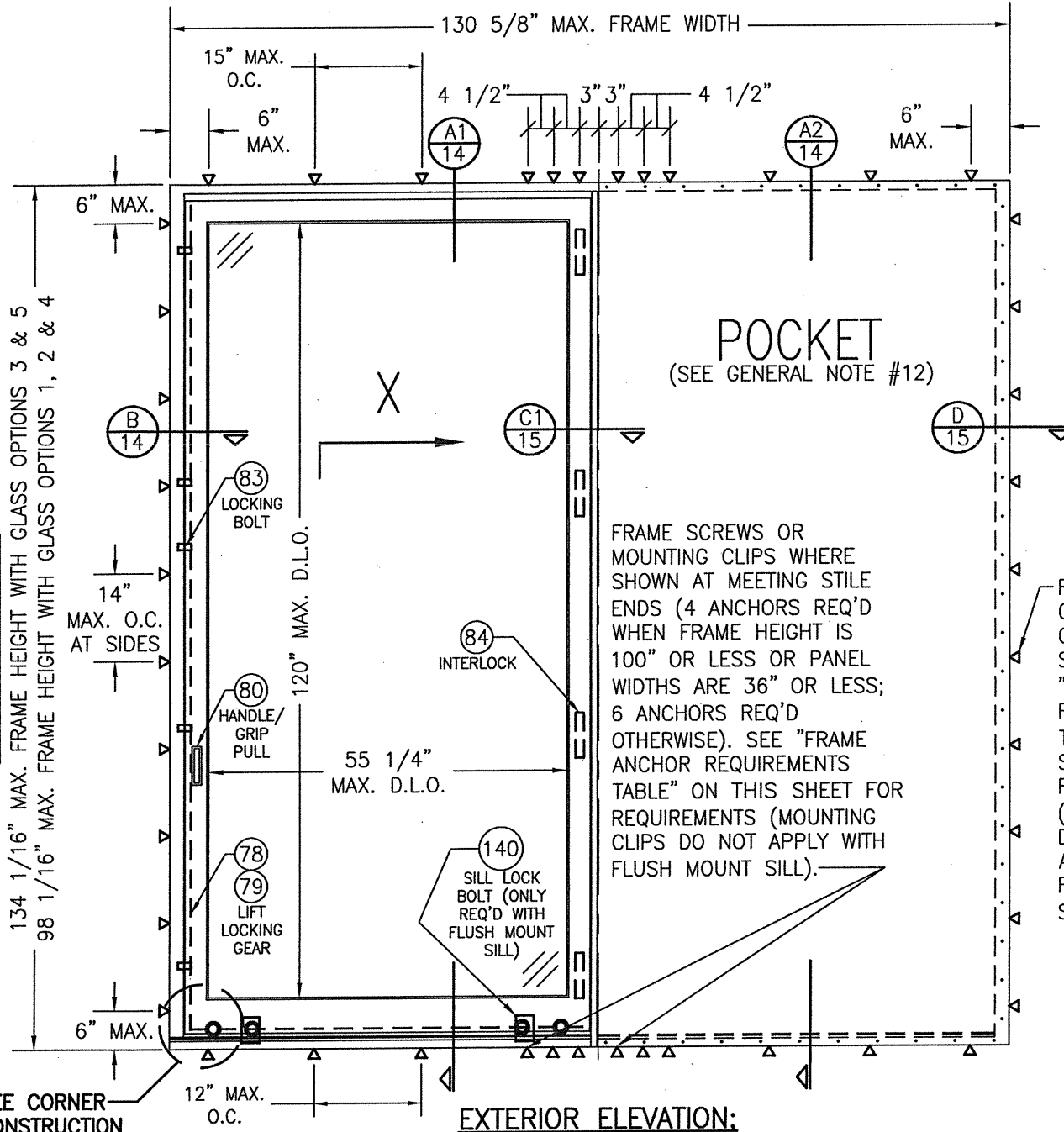
FRAME ANCHOR REQUIREMENTS TABLE

(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

(1) OPENING TYPE (SUBSTRATE)	FRAME/CLIP TO OPENING FASTENER TYPE	MINIMUM EMBED	MINIMUM EDGE DIST.
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)



SEE CORNER CONSTRUCTION DESCRIPTIONS ON THIS SHEET

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

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 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 (OR NO. 10) 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.
FRAME CLAD: MEMBERS ARE MITERED TOGETHER & WELDED ON THE INTERIOR SIDE.
SASH CLAD (TOP RAIL TO STILE): MEMBERS ARE MITERED TOGETHER & WELDED TOGETHER ON THE INTERIOR SIDE.
SASH CLAD (BOTTOM RAIL TO STILE): MEMBERS ARE COPED, BUTTED & WELDED TOGETHER ON THE INTERIOR SIDE.

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.

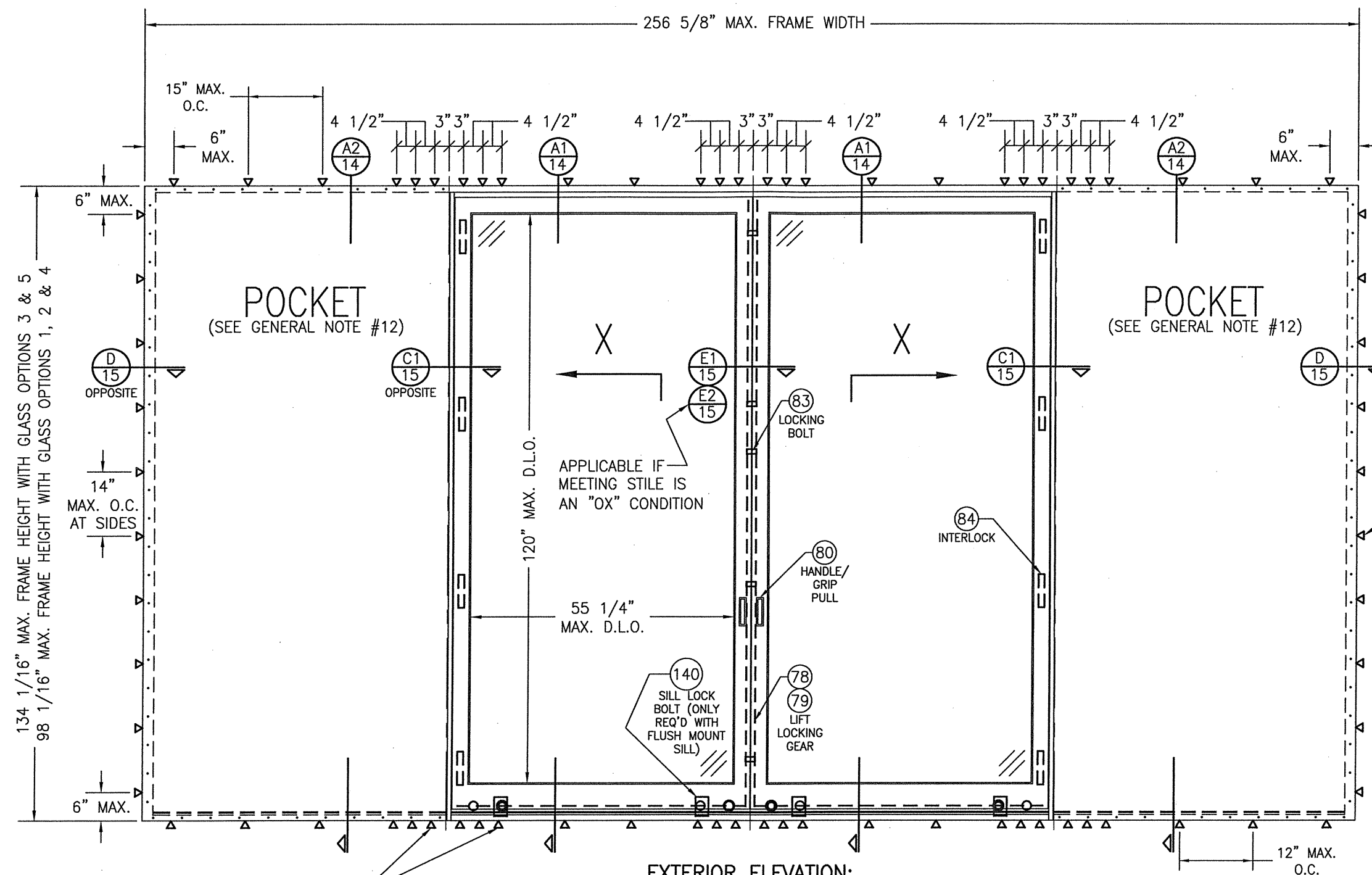
DATE	BY	REVISION DESCRIPTION	NO.
10/19/11	W.R.M.	CHANGE CONSULTANTS ADDRESS	A1
06/13/13	W.R.M.	ADDED CORNER CONDITION, FLUSH MOUNT SILL & MOTOR OPERATOR	B1
04/07/15	W.W.S.	UPDATE TO PRESENT STANDARDS	C1
04/16/20	W.W.S.	CHANGE TO STATE APPROVAL	D1

DRAWING TITLE		LIFT & SLIDE BRONZE CLAD SLIDING GLASS IMPACT DOORS
DRAWN BY:		W.R.M.
CHECKED BY:		W.W.S.
PLOT:		1=24
DATE:		04/04/09
MANUFACTURER		PEETZ WINDOWS & DOORS
CONSULTANTS		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

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

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.

DRAWING NO.		1632
REV.		D
SHEET NO.		1 OF 38



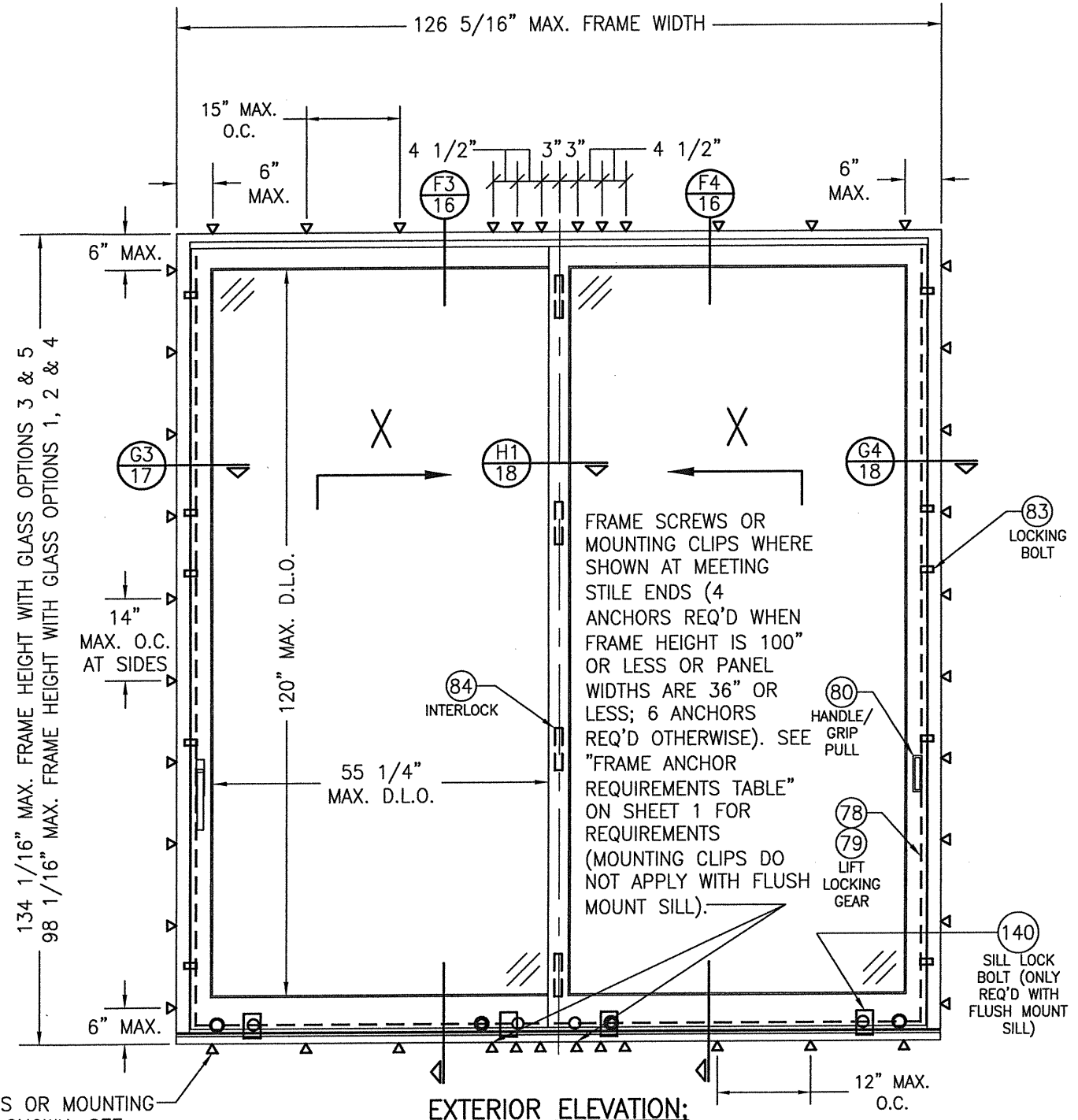
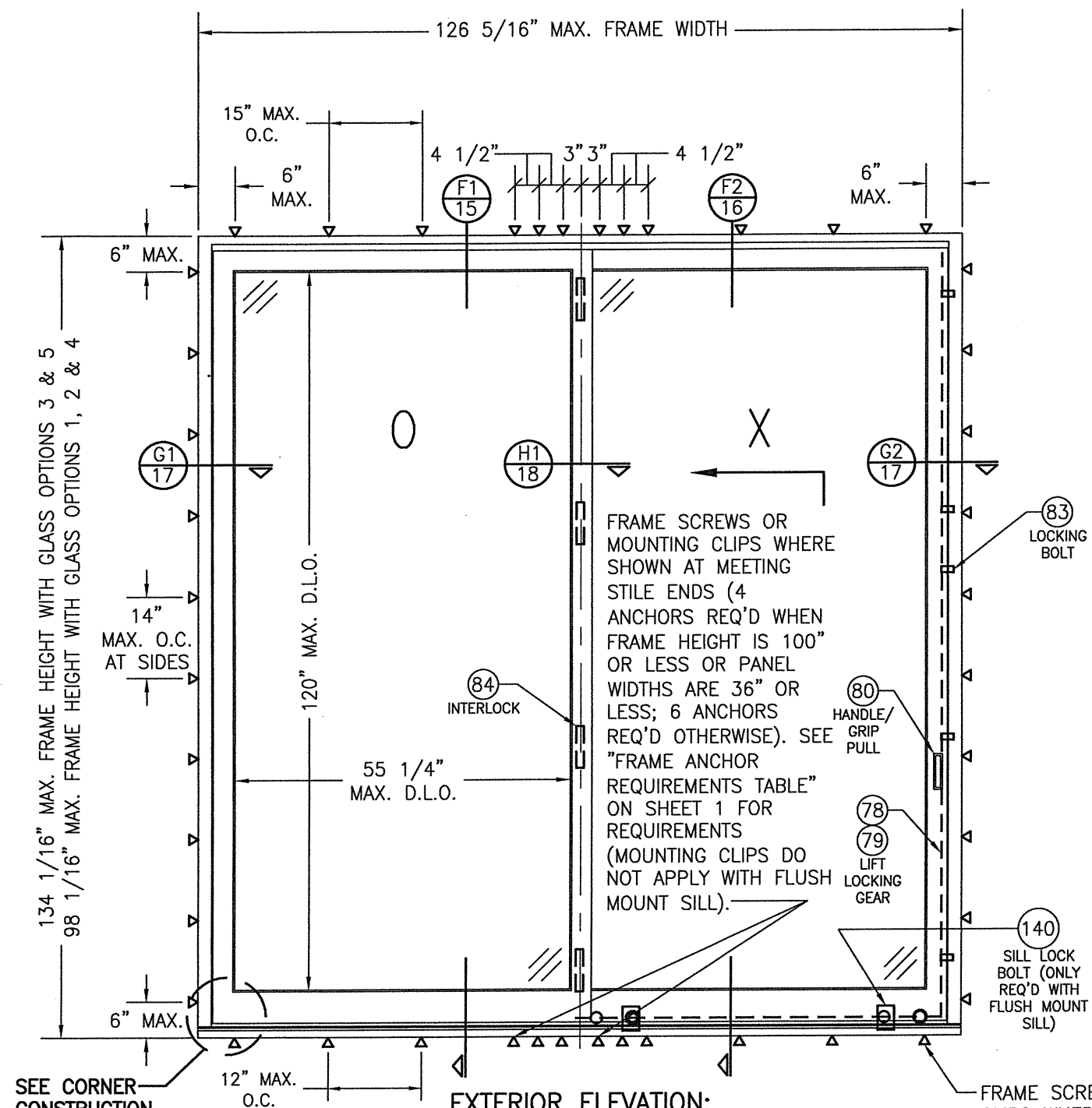
FRAME SCREWS OR MOUNTING CLIPS WHERE SHOWN AT MEETING STILE ENDS (4 ANCHORS REQ'D WHEN FRAME HEIGHT IS 100" OR LESS OR PANEL WIDTHS ARE 36" OR LESS; 6 ANCHORS REQ'D OTHERWISE). SEE "FRAME ANCHOR REQUIREMENTS TABLE" ON SHEET 1 FOR REQUIREMENTS (MOUNTING CLIPS DO NOT APPLY WITH FLUSH MOUNT SILL).

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: W.R.M.		CHECKED BY: W.W.S.	
PLOT: 1=24		DATE: 04/04/09	
NO.	REVISION DESCRIPTION	BY	DATE
DRAWING TITLE LIFT & SLIDE BRONZE CLAD 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. NO. 144135			
DRAWING NO. 1632		REV. D	
SHEET NO. 2 OF 38			



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

[illegible]

DRAWN BY:	W.R.M.	CHECKED BY:	W.W.S.
PLOT:	1-24	DATE:	04/04/09
NO.		REVISION	DESCRIPTION
		DATE	
		BY	

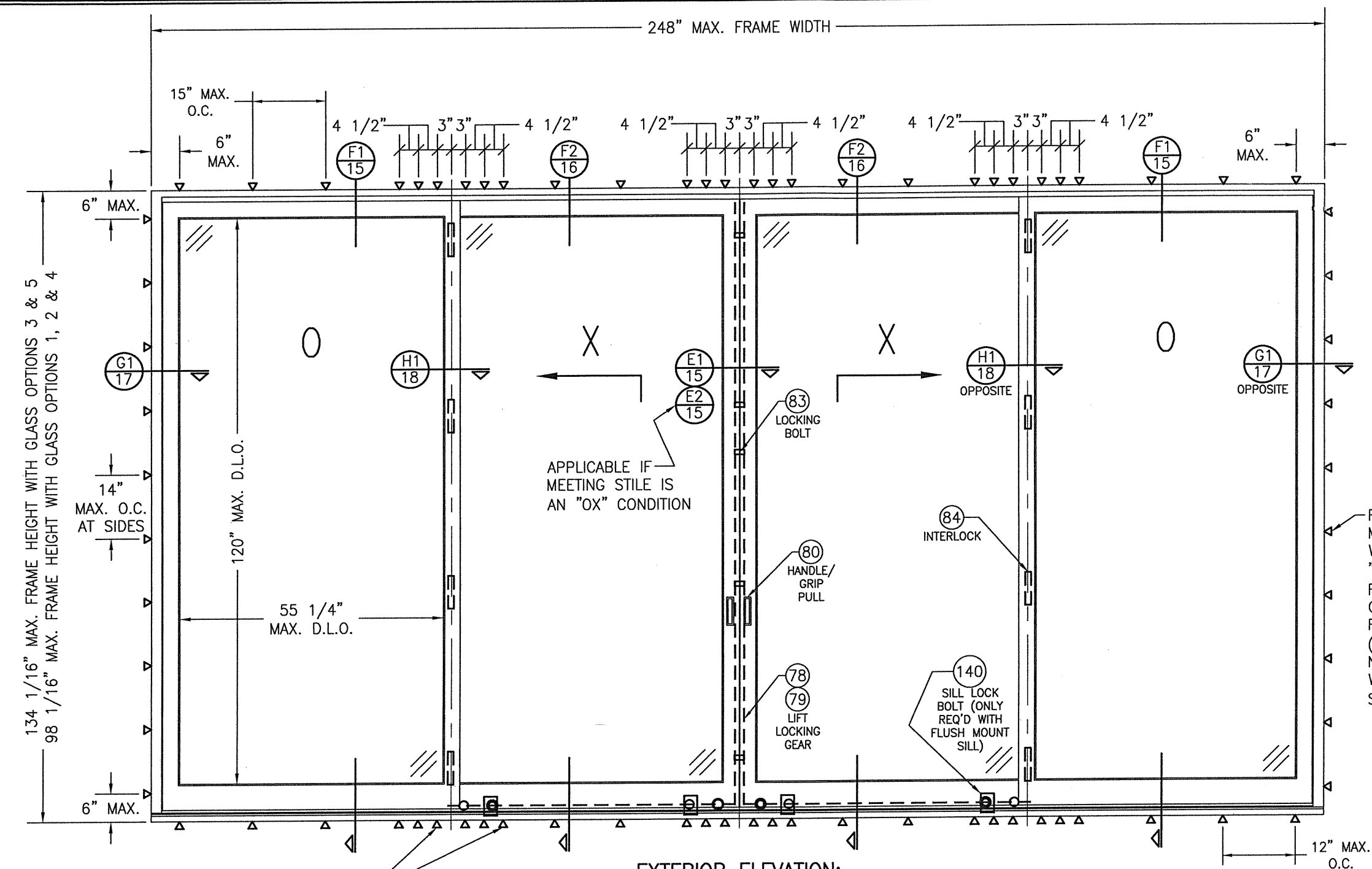
LIFT & SLIDE BRONZE CLAD SLIDING GLASS IMPACT DOORS

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
 LICENSE No. 44135
 STATE OF FLORIDA
 JUN 02 2020
WARREN W. SCHAEFER, P.E.
 P.E. NO. 44135

DRAWING NO. **1632** REV. **D**
 SHEET NO. **4** OF **38**



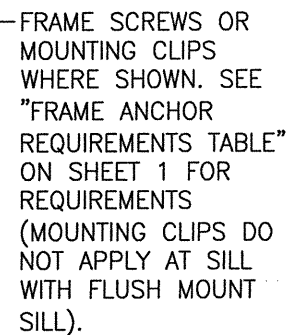
**EXTERIOR ELEVATION:
 2 PANEL DEEP OXO DOOR WITHOUT POCKETS**

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 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).

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).

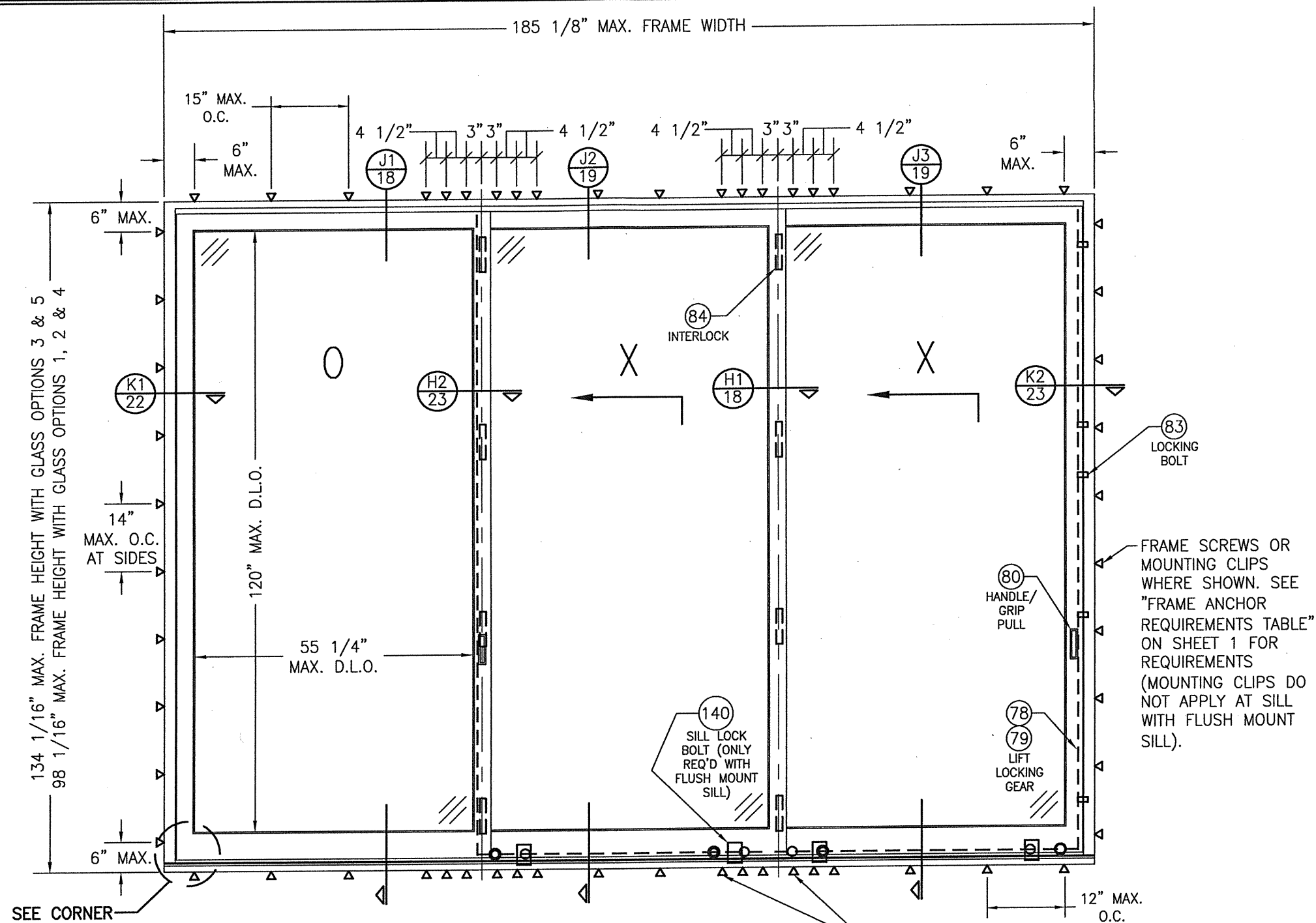


FOR SIMPLIFICATION, ONLY FRAME
& SASH PROJECTION LINES ARE
SHOWN FOR THESE ELEVATIONS

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

DRAWING NO.	REV.
1632	D
SHEET NO.	
5	OF 38

[illegible]



SEE CORNER
CONSTRUCTION
DESCRIPTIONS
ON SHEET 1

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

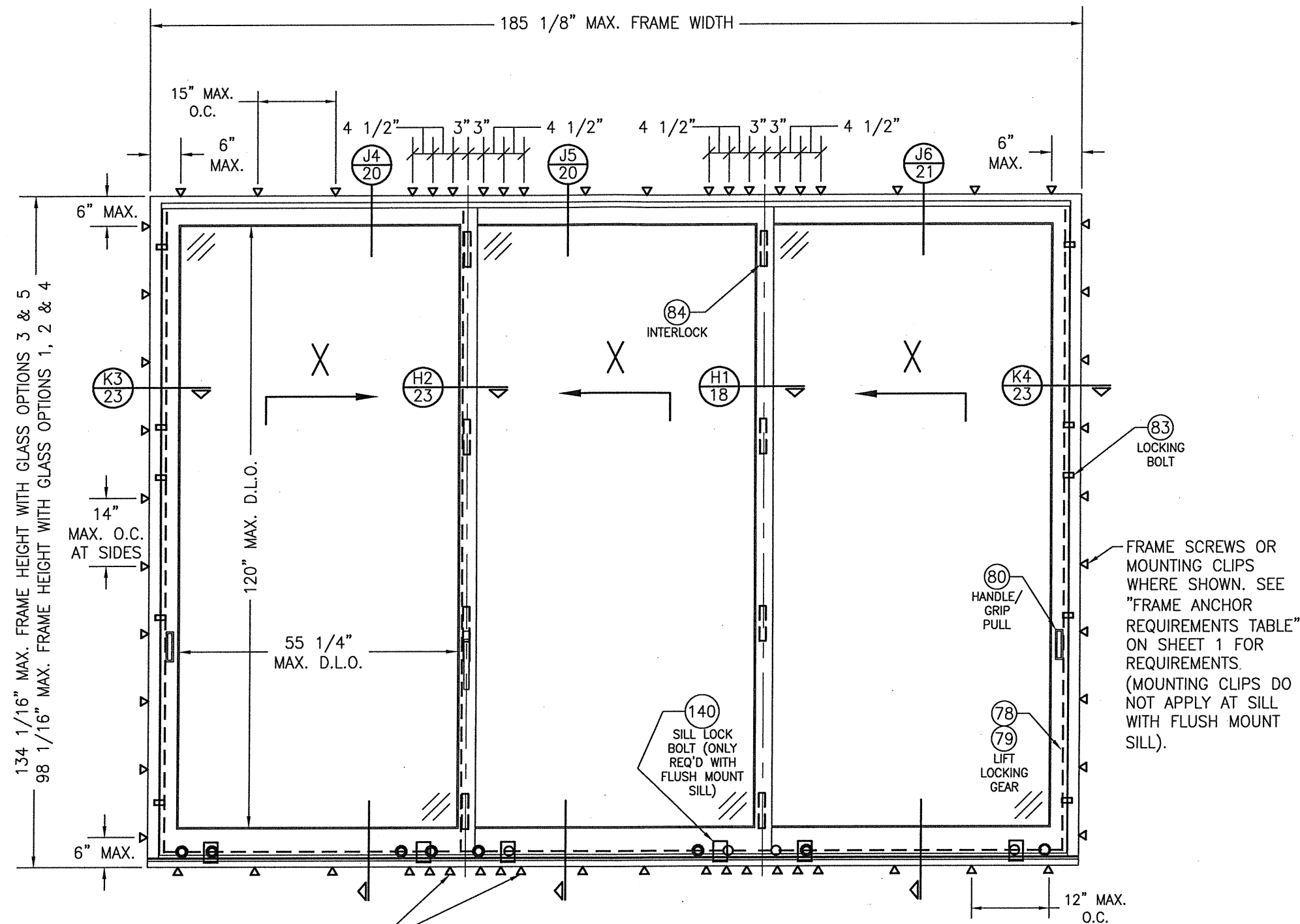
SCALE: 1/2" = 1'-0"
SEE APPROVED CONFIGURATIONS ON SHEET 13 FOR
ADDITIONAL 3-DEEP PANEL CONFIGURATIONS

FOR SIMPLIFICATION, ONLY FRAME
& SASH PROJECTION LINES ARE
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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).



DRAWN BY: W.R.M.		CHECKED BY: W.W.S.	
PLOT: 1=24		DATE: 04/04/09	
NO.	REVISION DESCRIPTION	BY	DATE
DRAWING TITLE LIFT & SLIDE BRONZE CLAD 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	
PROFESSIONAL ENGINEER WARREN W. SCHAEFER, P.E. P.E. NO. 44135		DRAWING NO. 1632	
SHEET NO. 6 OF 38		REV. D	



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).

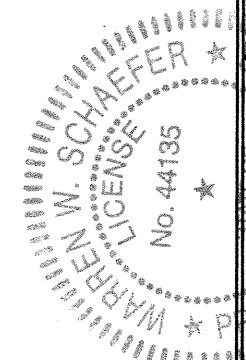
**EXTERIOR ELEVATION:
3 PANEL DEEP XXX DOOR WITHOUT
POCKETS**

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

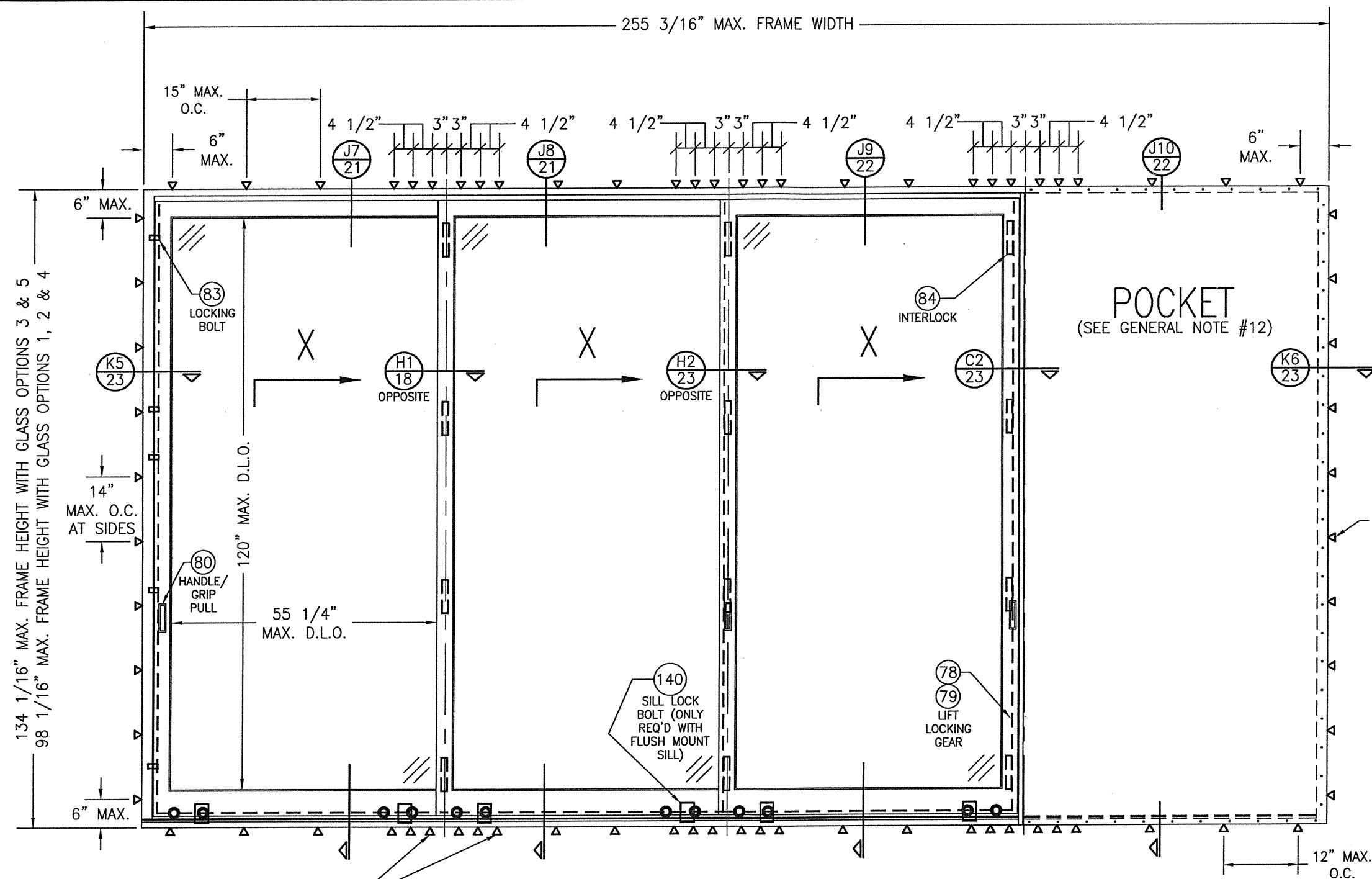
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PLOT: 1=24	DATE: 04/04/09
NO.	REVISION DESCRIPTION
DATE	BY

DRAWING TITLE LIFT & SLIDE BRONZE CLAD 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 04 2009	P.E. WARREN W. SCHAEFER P.E. NO. 44135
DRAWING NO. 1632	REV. D
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

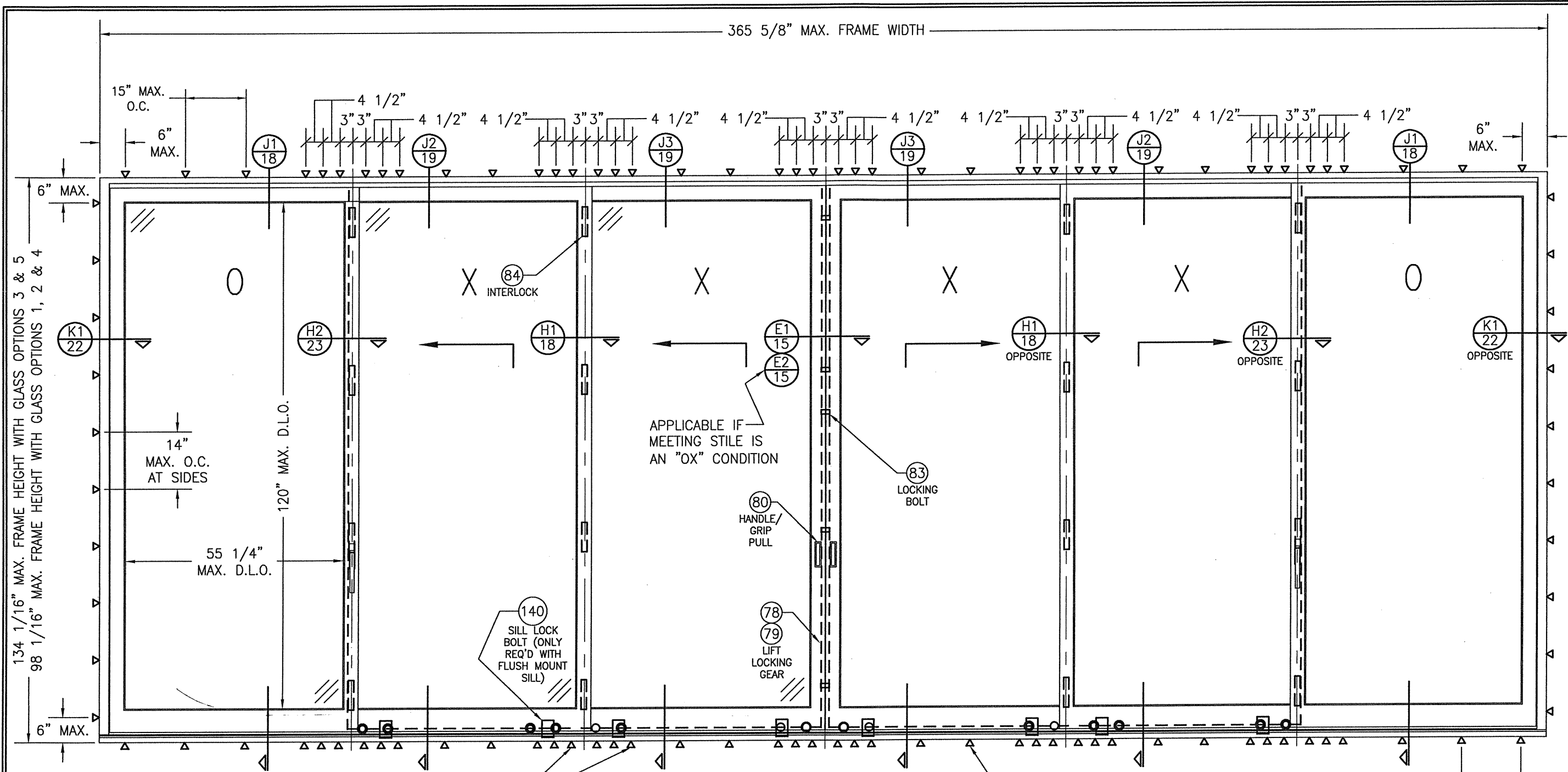
SCALE: 1/2" = 1'-0"

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).

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PLOT: 1=24		DATE: 04/04/09	
NO.	REVISION DESCRIPTION	BY	DATE
DRAWING TITLE LIFT & SLIDE BRONZE CLAD 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		P.E. WARREN W. SCHAEFER P.E. NO. 44135	
DRAWING NO. 1632		REV. D	
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).

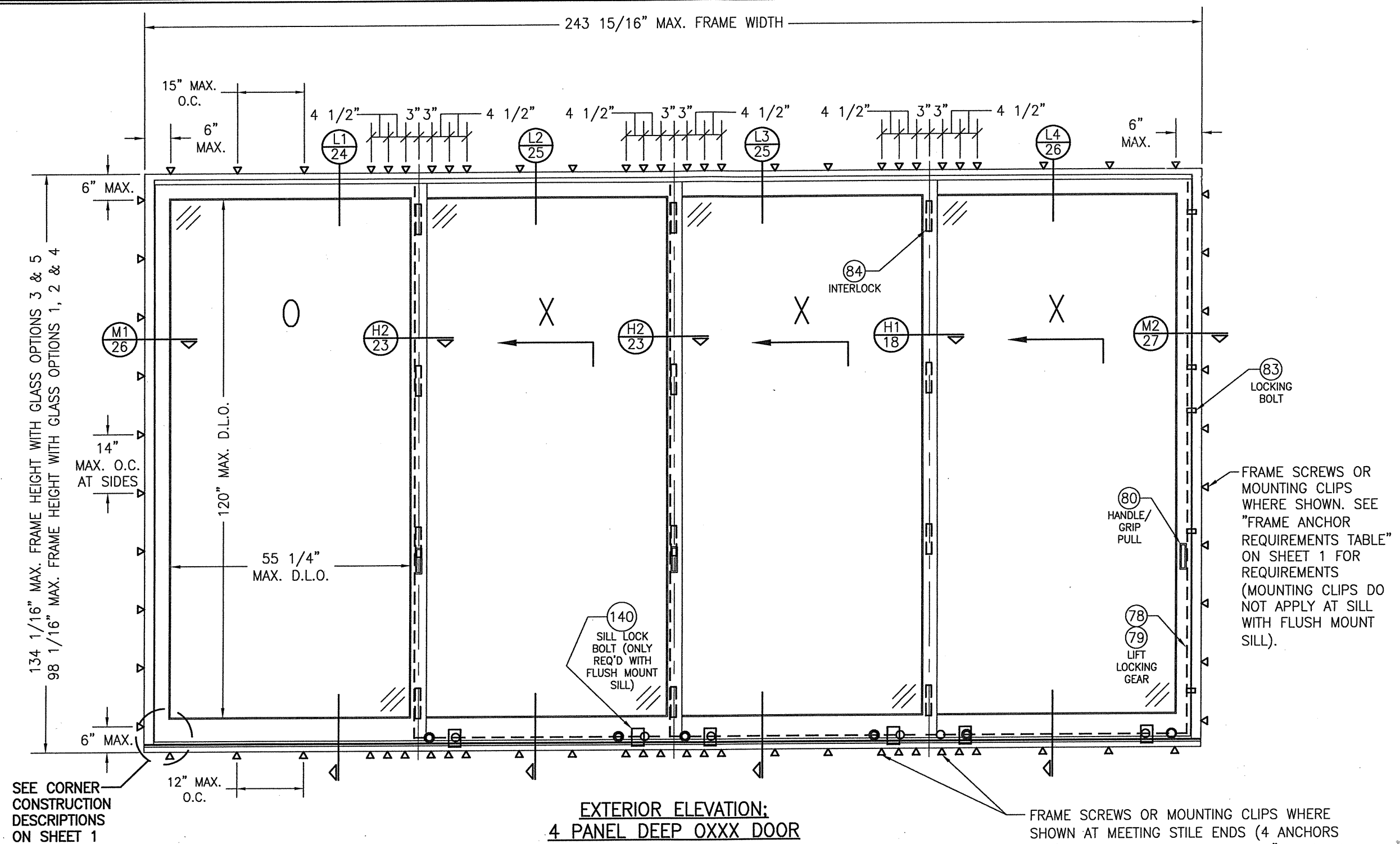
EXTERIOR ELEVATION:
3 PANEL DEEP OXXXXO DOOR WITHOUT POCKETS

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).

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PLOT: 1=24		DATE: 04/04/09	
DATE	BY	REVISION DESCRIPTION	NO.
DRAWING TITLE LIFT & SLIDE BRONZE CLAD 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 STATE OF FLORIDA PROFESSIONAL ENGINEER WARREN W. SCHAEFER No. 44135 JUN 11 2009			
DRAWING NO. 1632		REV. D	
SHEET NO. 9		OF 38	



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

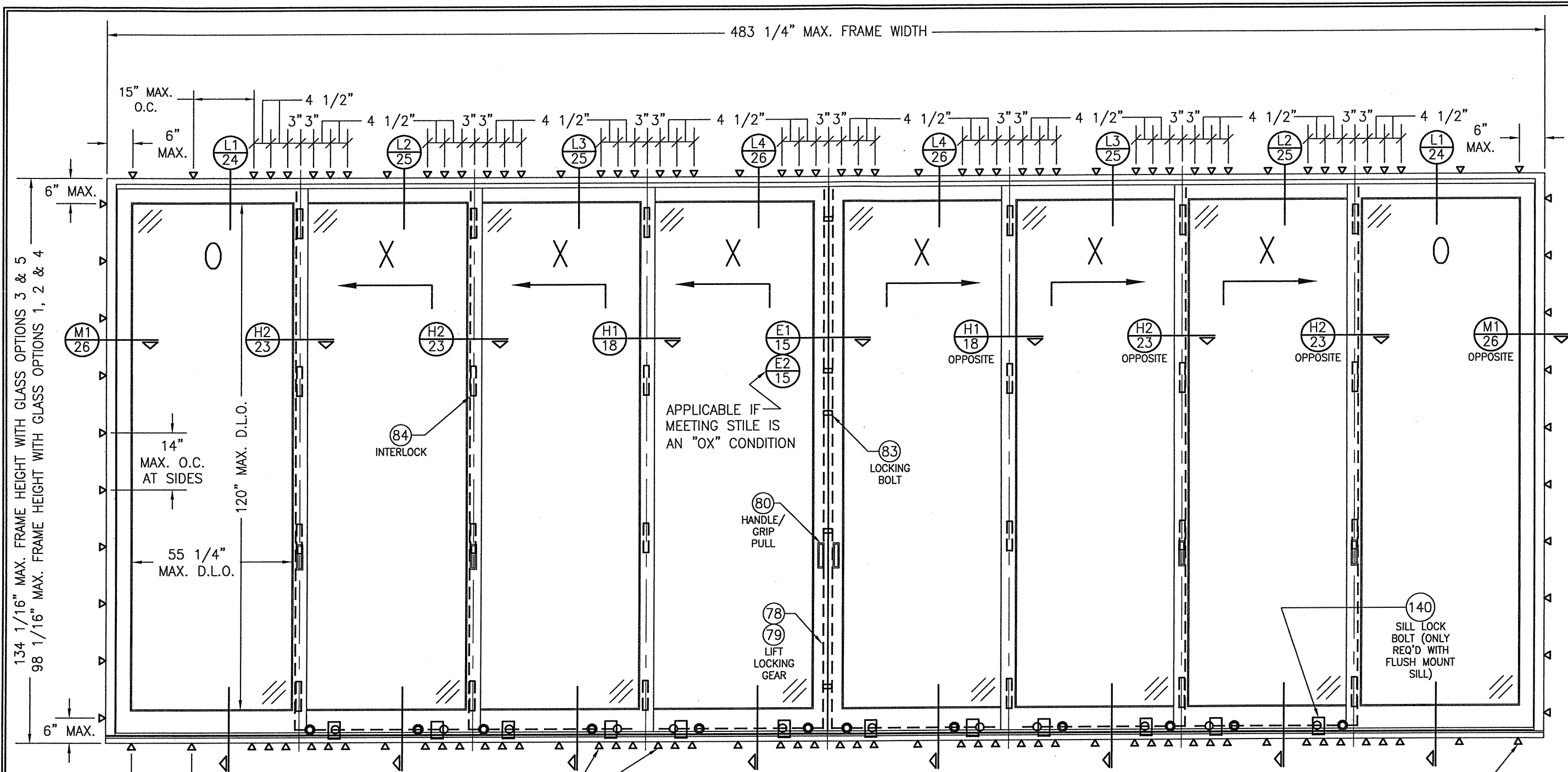
SCALE: 1/2" = 1'-0"

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:	W.R.M.	CHECKED BY:	W.W.S.
PLOT:	1-24	DATE:	04/04/09
NO.		DATE	
BY			
REVISION DESCRIPTION			

DRAWING TITLE	LIFT & SLIDE BRONZE CLAD 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
CERTIFICATION	STATE OF FLORIDA JUN 04 2020 PROFESSIONAL ENGINEER WARREN W. SCHAEFER, P.E. No. 44135 P.E. NO. 44135
DRAWING NO.	1632
REV.	D
SHEET NO.	10 OF 38



134 1/16" MAX. FRAME HEIGHT WITH GLASS OPTIONS 3 & 5
98 1/16" MAX. FRAME HEIGHT WITH GLASS OPTIONS 1, 2 & 4

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).

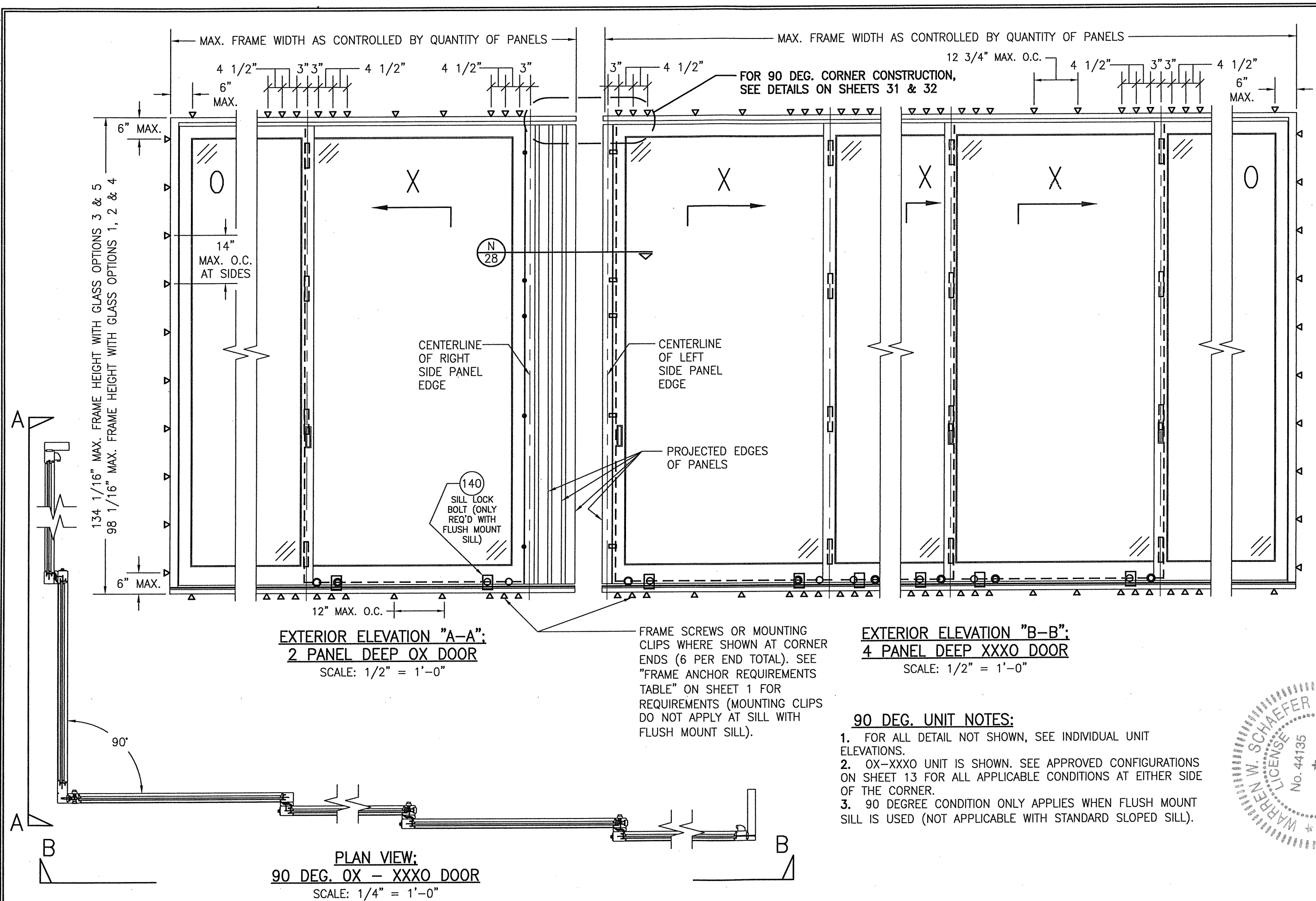
**EXTERIOR ELEVATION:
4 PANEL DEEP OXXXXXXO DOOR**

SCALE: N.T.S.
SEE APPROVED CONFIGURATIONS ON SHEET 13 FOR ADDITIONAL 4-DEEP PANEL CONFIGURATIONS

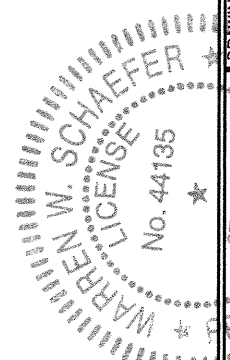
FOR SIMPLIFICATION, ONLY FRAME & SASH PROJECTION LINES ARE SHOWN FOR THESE ELEVATIONS

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: W.R.M.		CHECKED BY: W.W.S.	
PLOT: 1=24		DATE: 04/04/09	
NO.	REVISION DESCRIPTION	DATE	BY
DRAWING TITLE LIFT & SLIDE BRONZE CLAD 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 STATE OF FLORIDA JUN 04 2009 WARREN W. SCHAEFER LICENSE No. 44135 P.E. NO. 44135			
DRAWING NO. 1632		REV. D	
SHEET NO. 11 OF 38			



- 90 DEG. UNIT NOTES:**
1. FOR ALL DETAIL NOT SHOWN, SEE INDIVIDUAL UNIT ELEVATIONS.
 2. OX-XXXO UNIT IS SHOWN. SEE APPROVED CONFIGURATIONS ON SHEET 13 FOR ALL APPLICABLE CONDITIONS AT EITHER SIDE OF THE CORNER.
 3. 90 DEGREE CONDITION ONLY APPLIES WHEN FLUSH MOUNT SILL IS USED (NOT APPLICABLE WITH STANDARD SLOPED SILL).

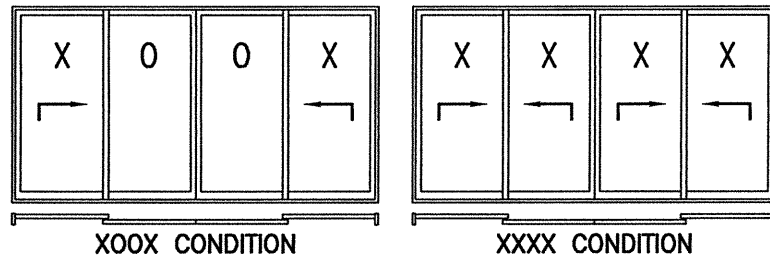
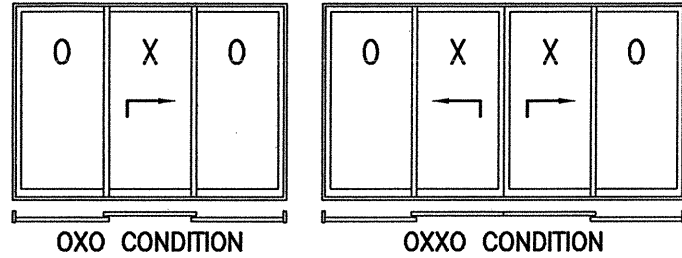
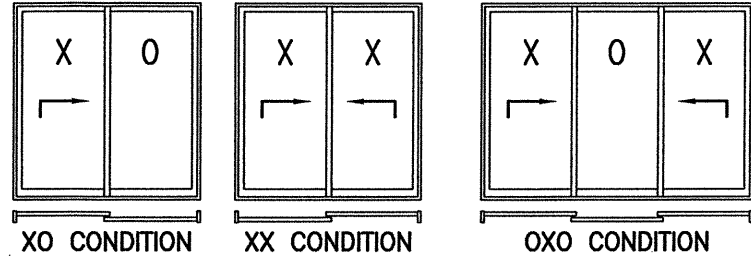


DRAWN BY: W.R.M.		CHECKED BY: W.W.S.	
PLOT: 1-24		DATE: 04/04/09	
NO.	REVISION	DESCRIPTION	DATE
DRAWING TITLE: LIFT & SLIDE BRONZE CLAD SLIDING GLASS IMPACT DOORS			
CONSULTANTS: W. W. SCHAEFER ENGINEERING & CONSULTING, P.A. (CA 6809)		MANUFACTURER: PEETZ WINDOWS & DOORS	
7480 150TH COURT NORTH PALM BEACH GARDENS, FL 33418 PHONE: 561-744-3424		15951 S.W. 41ST STREET, SUITE 150 WESTON, FL 33331 954-659-3887	
CERTIFICATION: JUN 10 2009		REV. D	
DRAWING NO. 1632		SHEET NO. 12 OF 38	

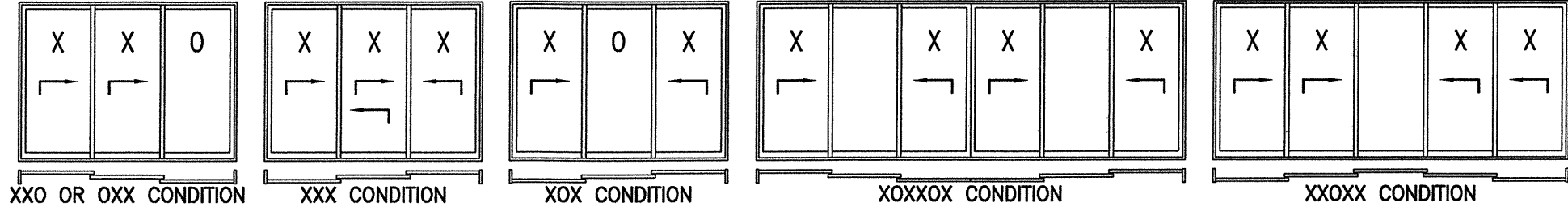
APPROVED CONFIGURATIONS

CONFIGURATIONS WITHOUT POCKETS

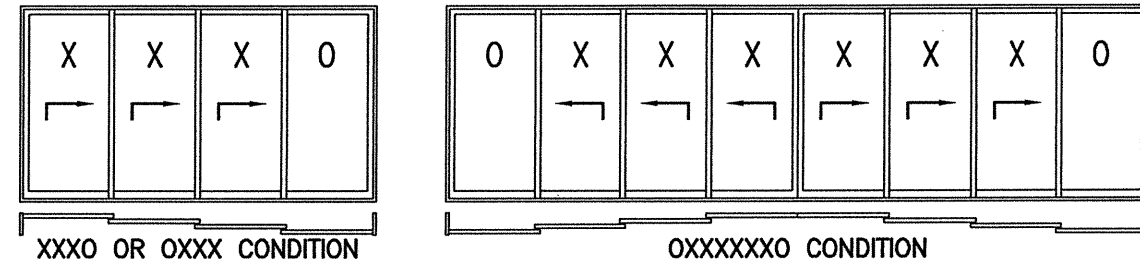
2-PANEL DEEP CONDITIONS



3-PANEL DEEP CONDITIONS

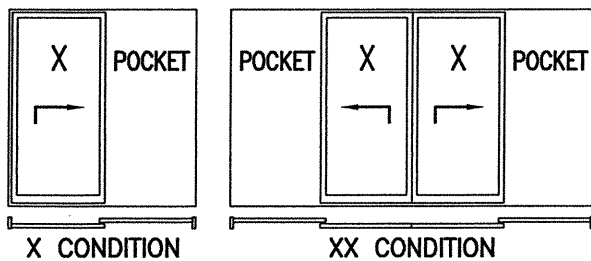


4-PANEL DEEP CONDITIONS

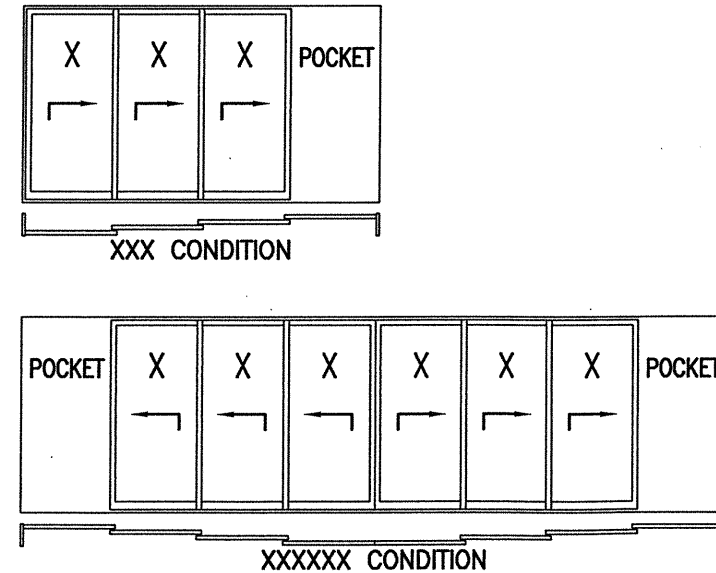


CONFIGURATIONS WITH POCKETS

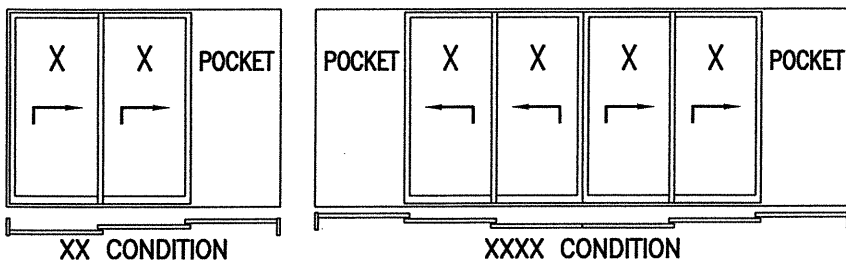
1-PANEL DEEP CONDITIONS



3-PANEL DEEP CONDITIONS



2-PANEL DEEP CONDITIONS



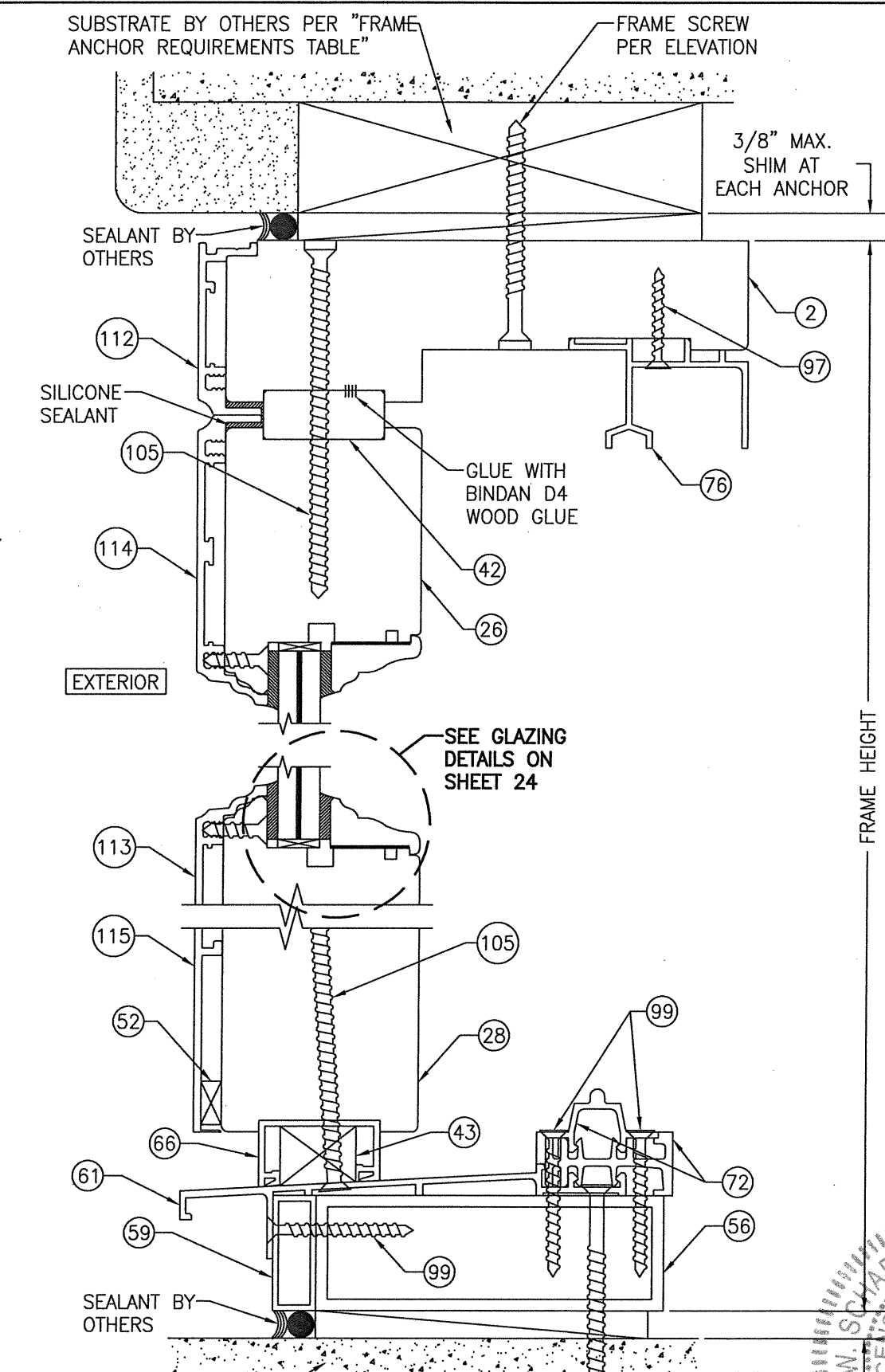
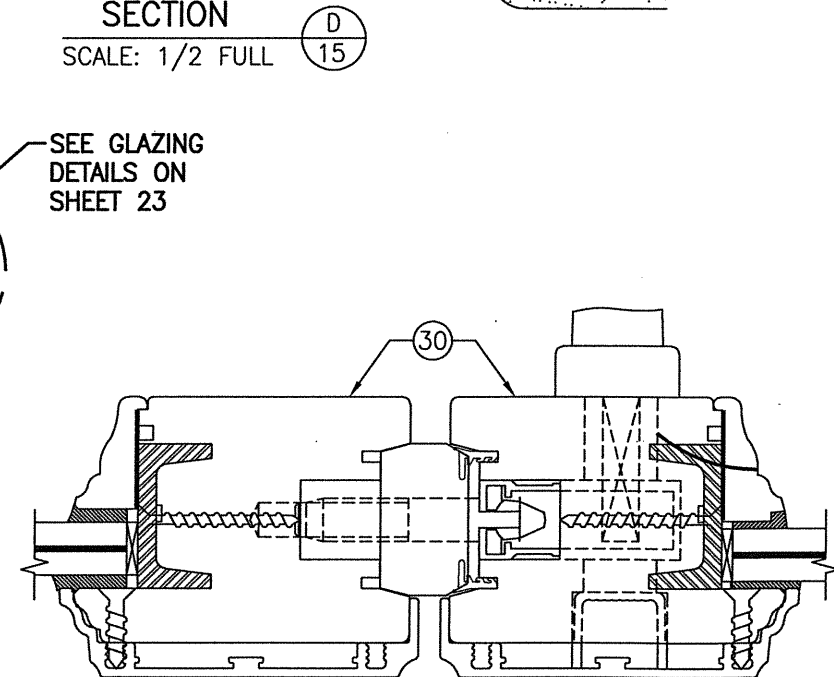
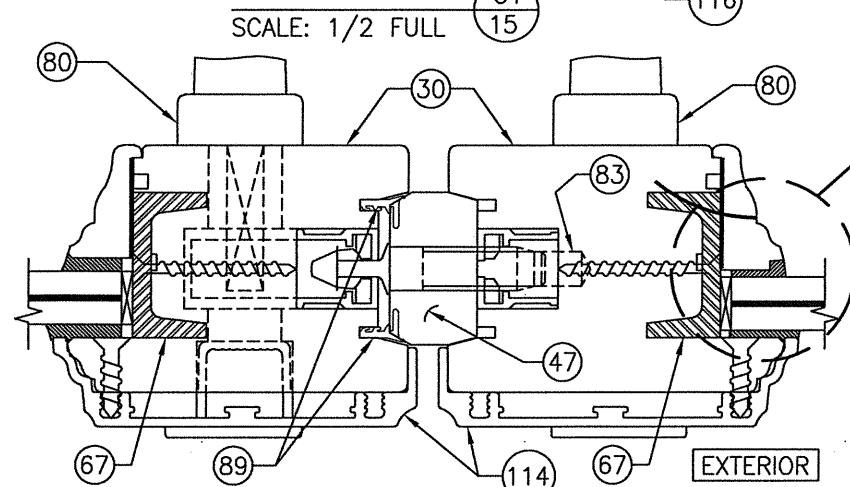
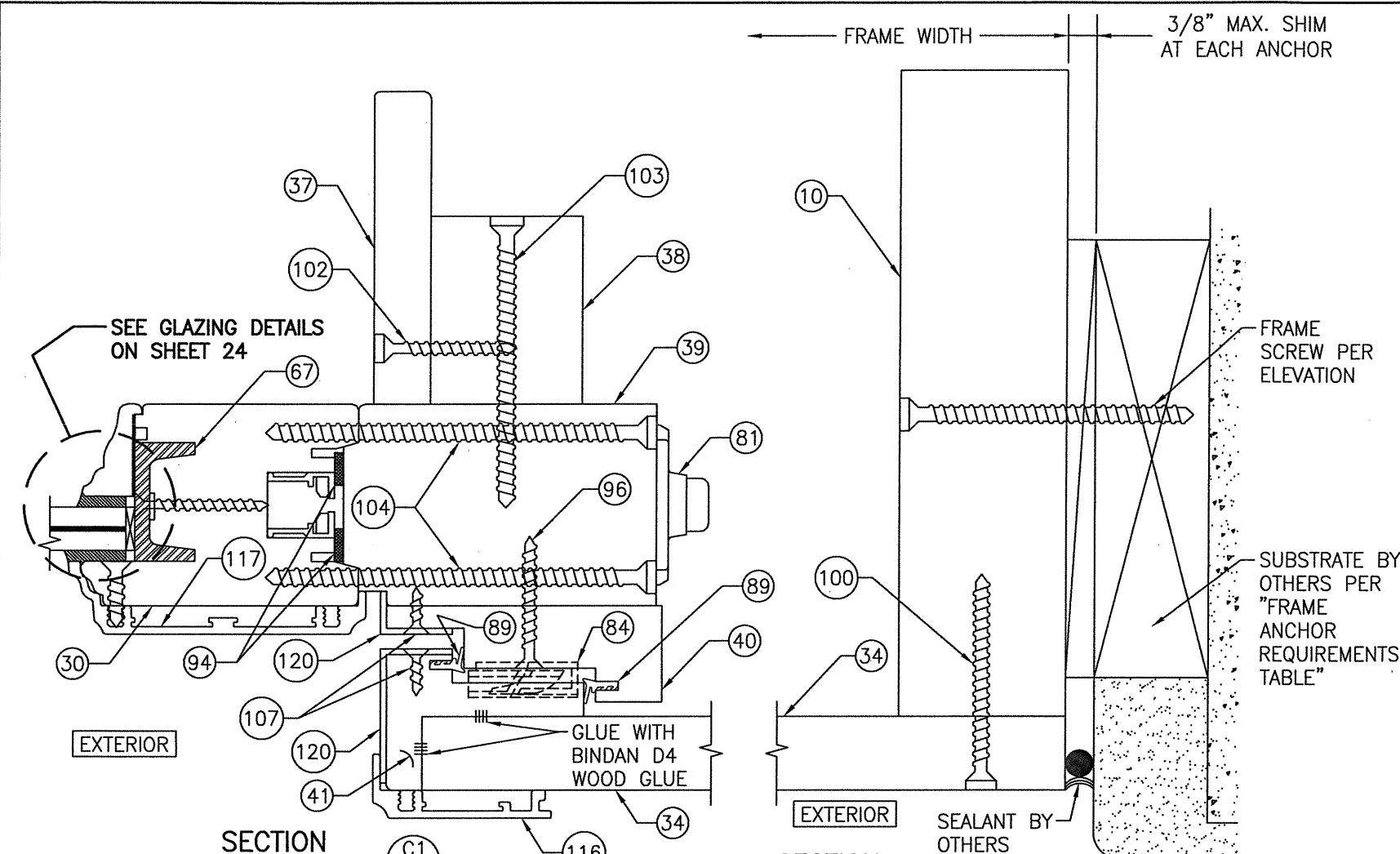
90 DEG. CONFIGURATIONS

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.

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.

DRAWN BY: W.R.M.		CHECKED BY: W.W.S.	
PLOT: 1=24		DATE: 04/04/09	
NO.	REVISION	DESCRIPTION	DATE
DRAWING TITLE LIFT & SLIDE BRONZE CLAD 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	
CERTIFICATION STATE OF FLORIDA JUN 02 2009	DRAWING NO. 1632		
SHEET NO. 13		REV. D	
OF		38	



DRAWN BY: W.R.M.		CHECKED BY: W.W.S.	
PLOT: 1=24		DATE: 04/04/09	
NO.	REVISION DESCRIPTION	DATE	BY
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FRAME SCREW INSTALLATION SHOWN, SEE DETAILS ON SHEET 27 FOR DIRECT MOUNT & CLIP MOUNT DETAILS.

(APPLICABLE WITH "OX" MEETING STILE CONDITIONS)
(FOR DETAIL NOT SHOWN, SEE SECTION E1/15)

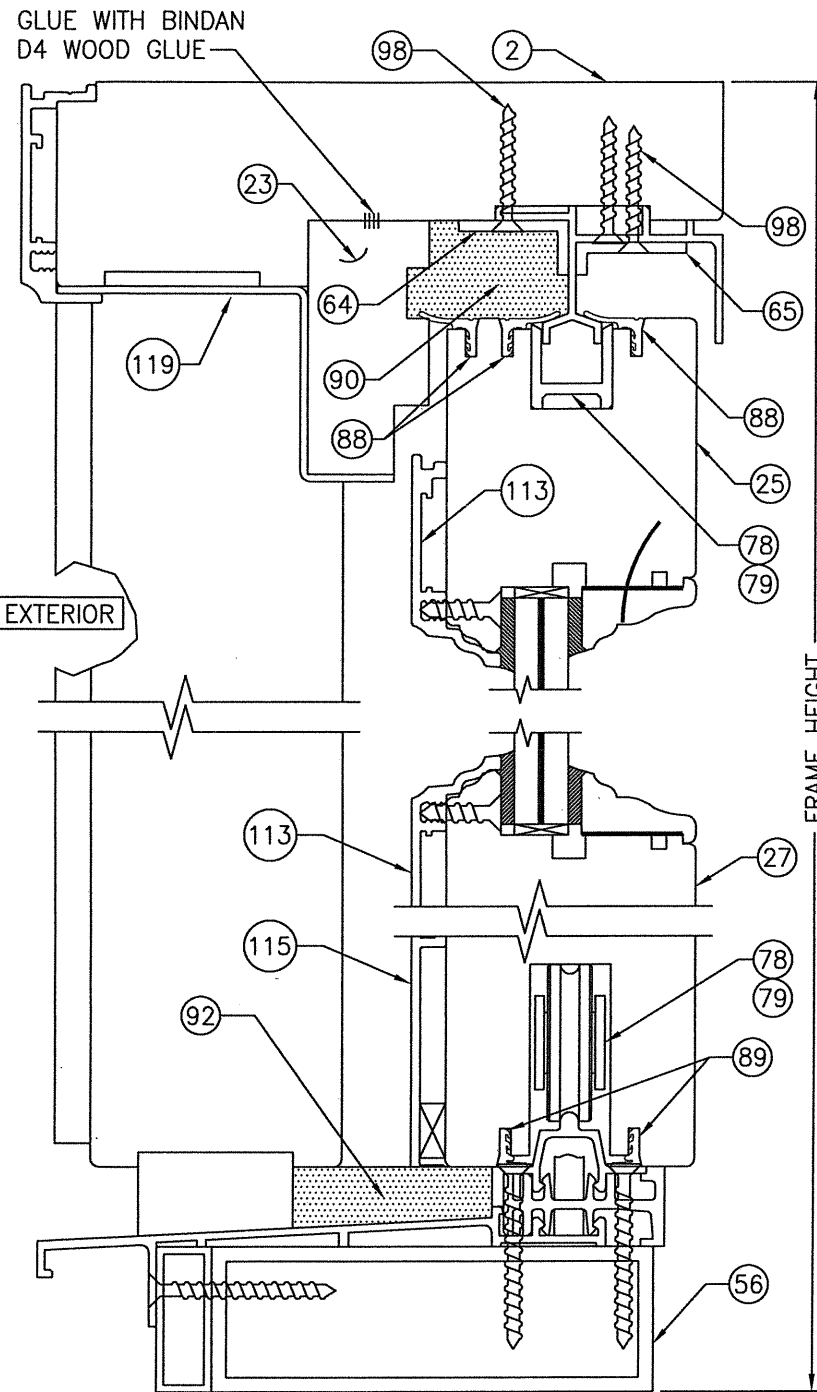
(STANDARD SILL CONDITION SHOWN. FOR ALTERNATE FLUSH MOUNT SILL CONDITION, SEE "ALTERNATE FLUSH MOUNT SILL DETAILS" ON SHEETS 28-31)

W. W. SCHAEFER ENGINEERING & CONSULTING, P.A. (CA 6809)
7480 150TH COURT NORTH
PALM BEACH GARDENS, FL 33418
PHONE: 561-744-3424

W. W. SCHAEFER, P.E.
P.E. NO. 44150

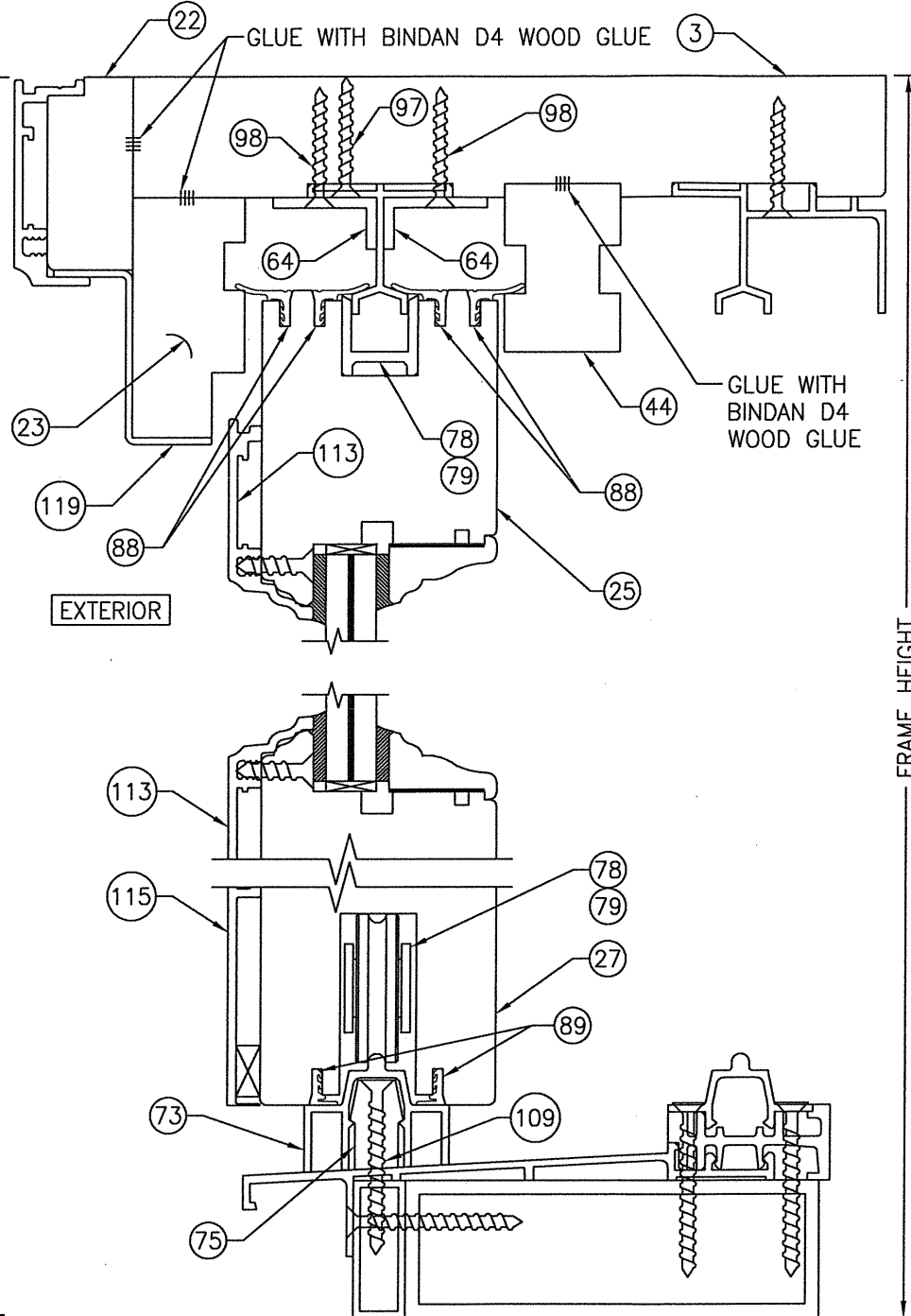
JUN 02 2020

DRAWING NO. 1632
SHEET NO. 15 OF 38



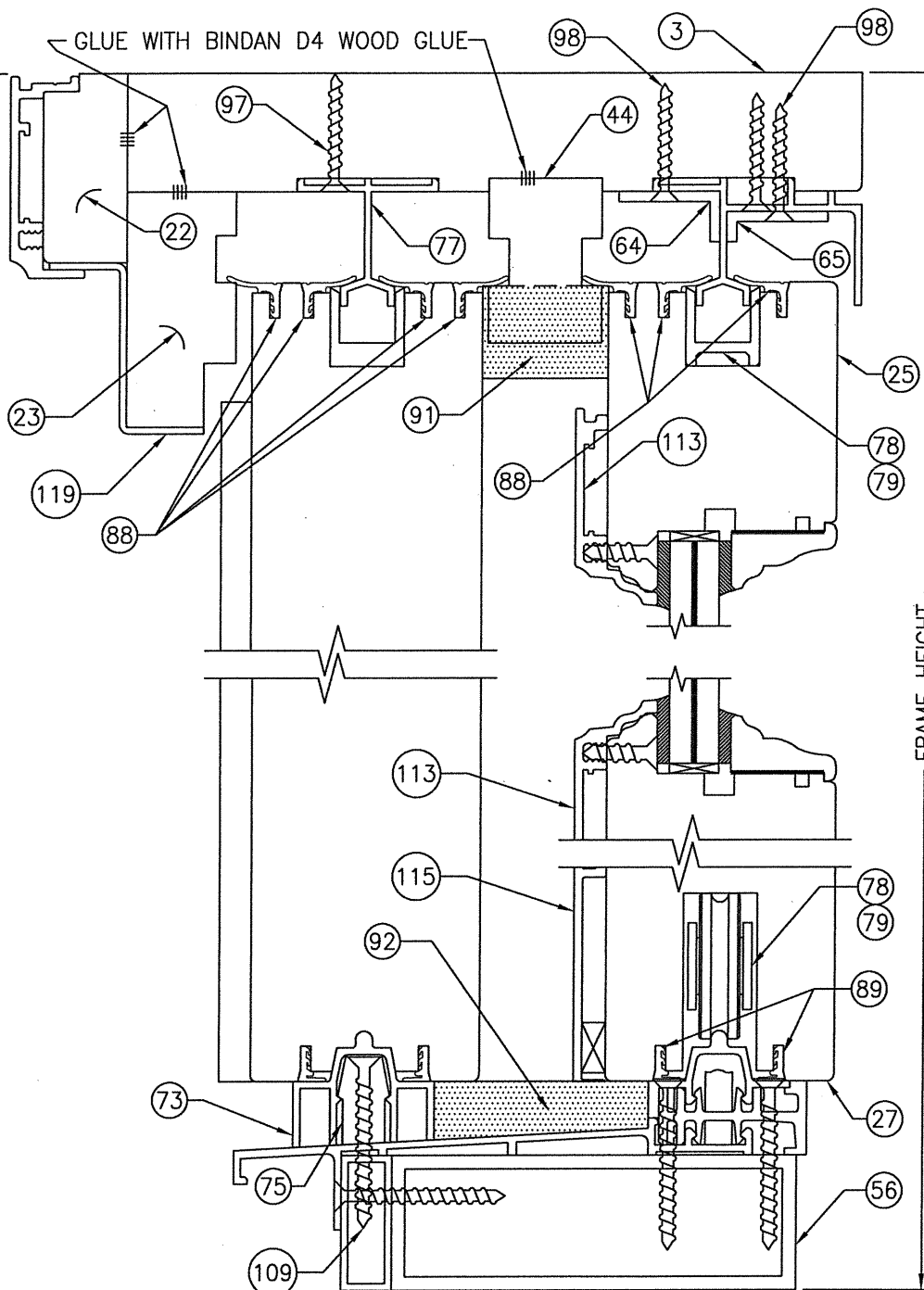
SECTION F2
SCALE: 1/2 FULL

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



SECTION F3
SCALE: 1/2 FULL

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

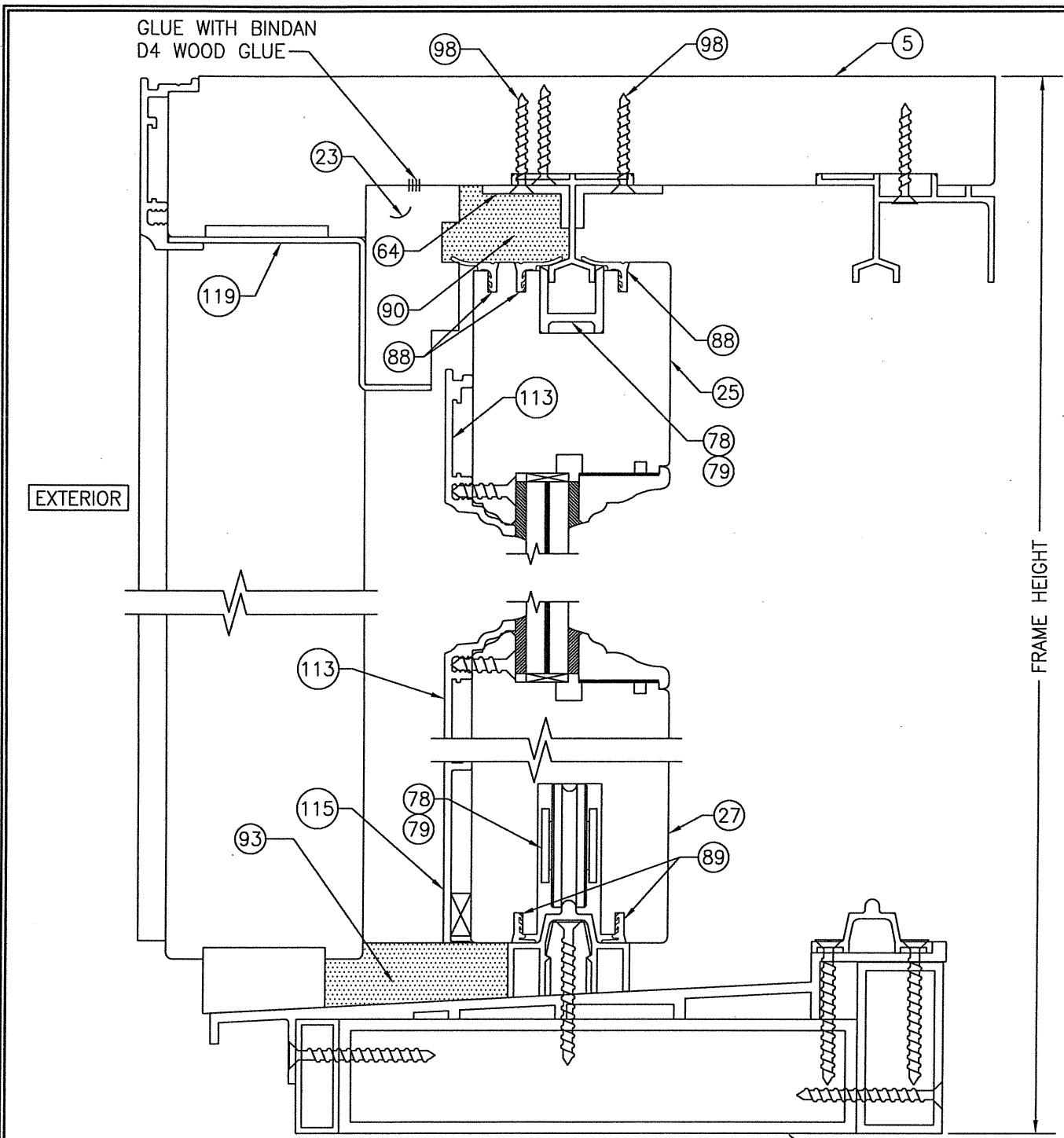


SECTION F4
SCALE: 1/2 FULL

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

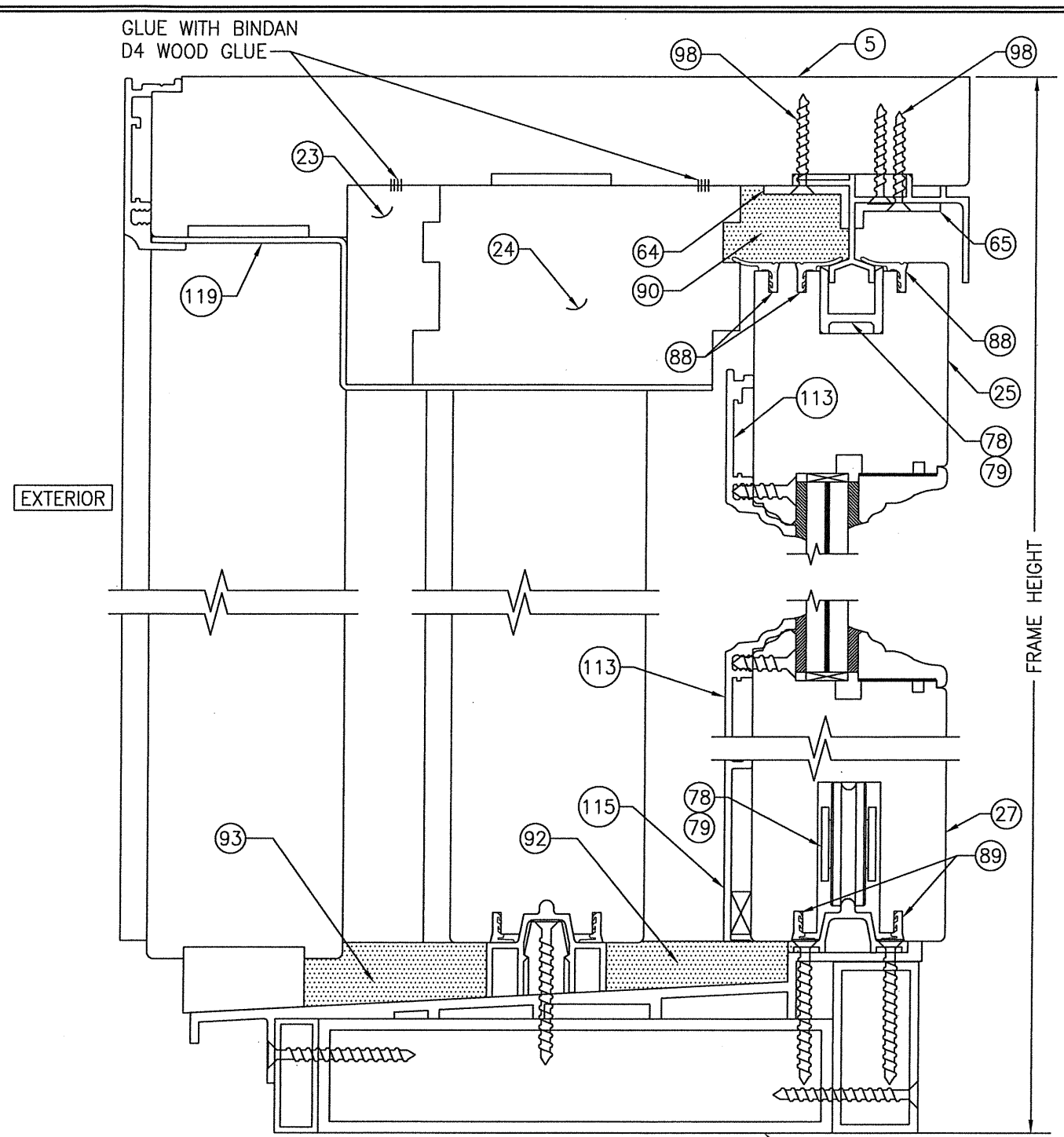
FRAME SCREW INSTALLATION
SHOWN, SEE DETAILS ON
SHEET 27 FOR DIRECT MOUNT
& CLIP MOUNT DETAILS.

DRAWN BY: W.R.M.		CHECKED BY: W.W.S.	
PLOT: 1-24		DATE: 04/04/09	
NO.	REVISION	DESCRIPTION	DATE
DRAWING TITLE LIFT & SLIDE BRONZE CLAD 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 2020			
DRAWING NO. 1632		REV. D	
SHEET NO. 16 OF 38			



SECTION J2
SCALE: 1/2 FULL 19

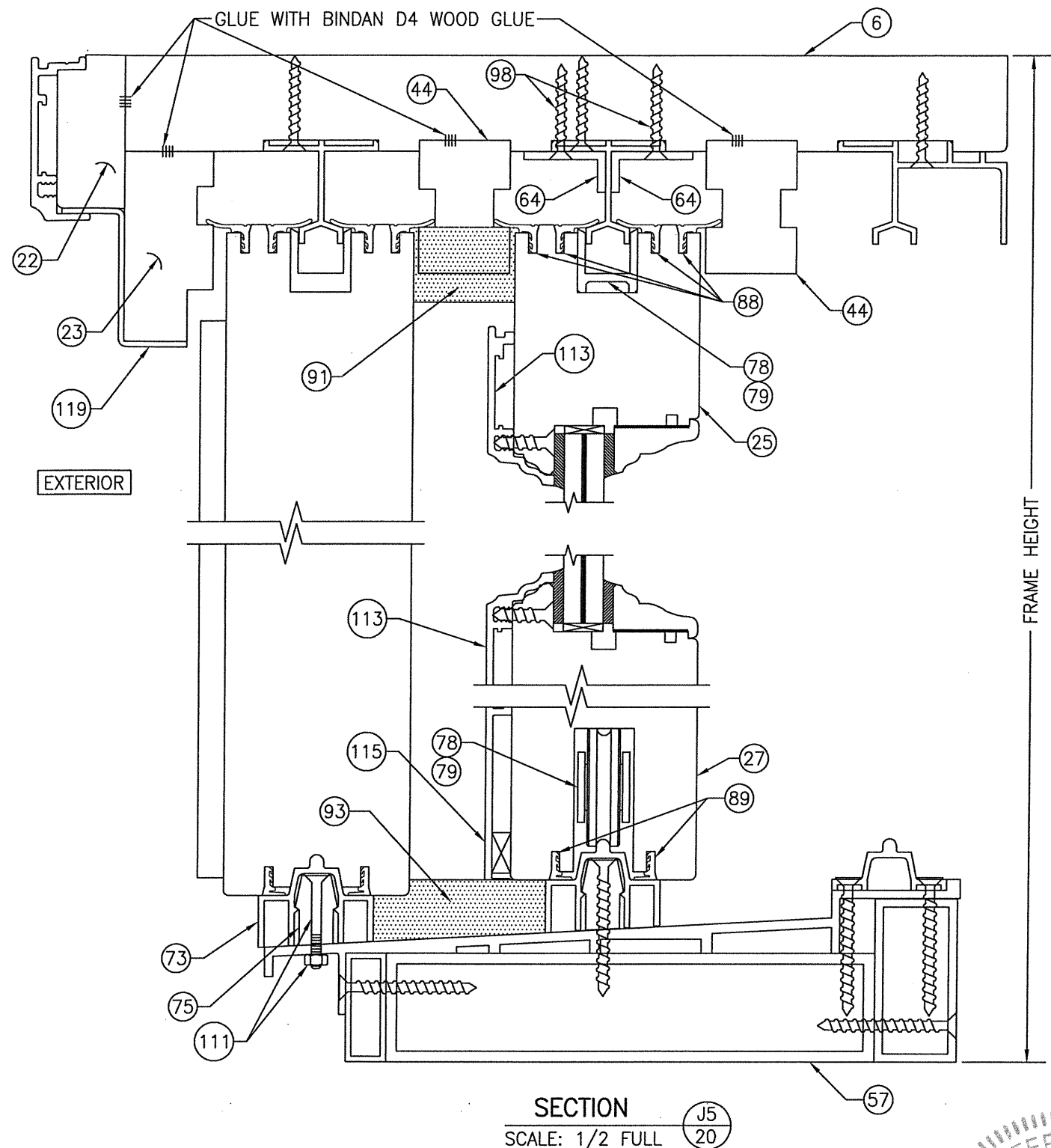
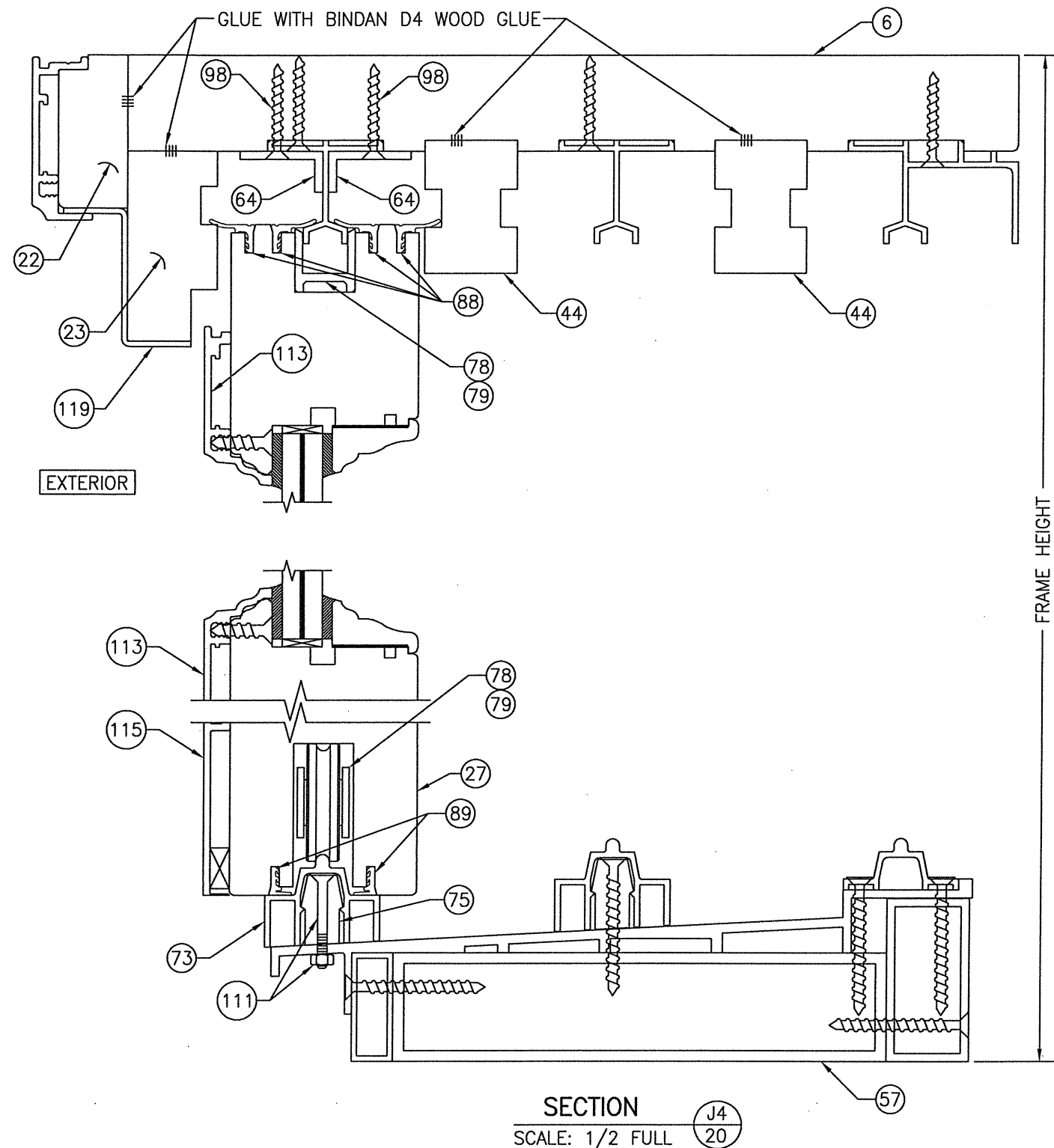
FOR INSTALLATION & OTHER DETAIL
NOT SHOWN, SEE SECTION J1/18

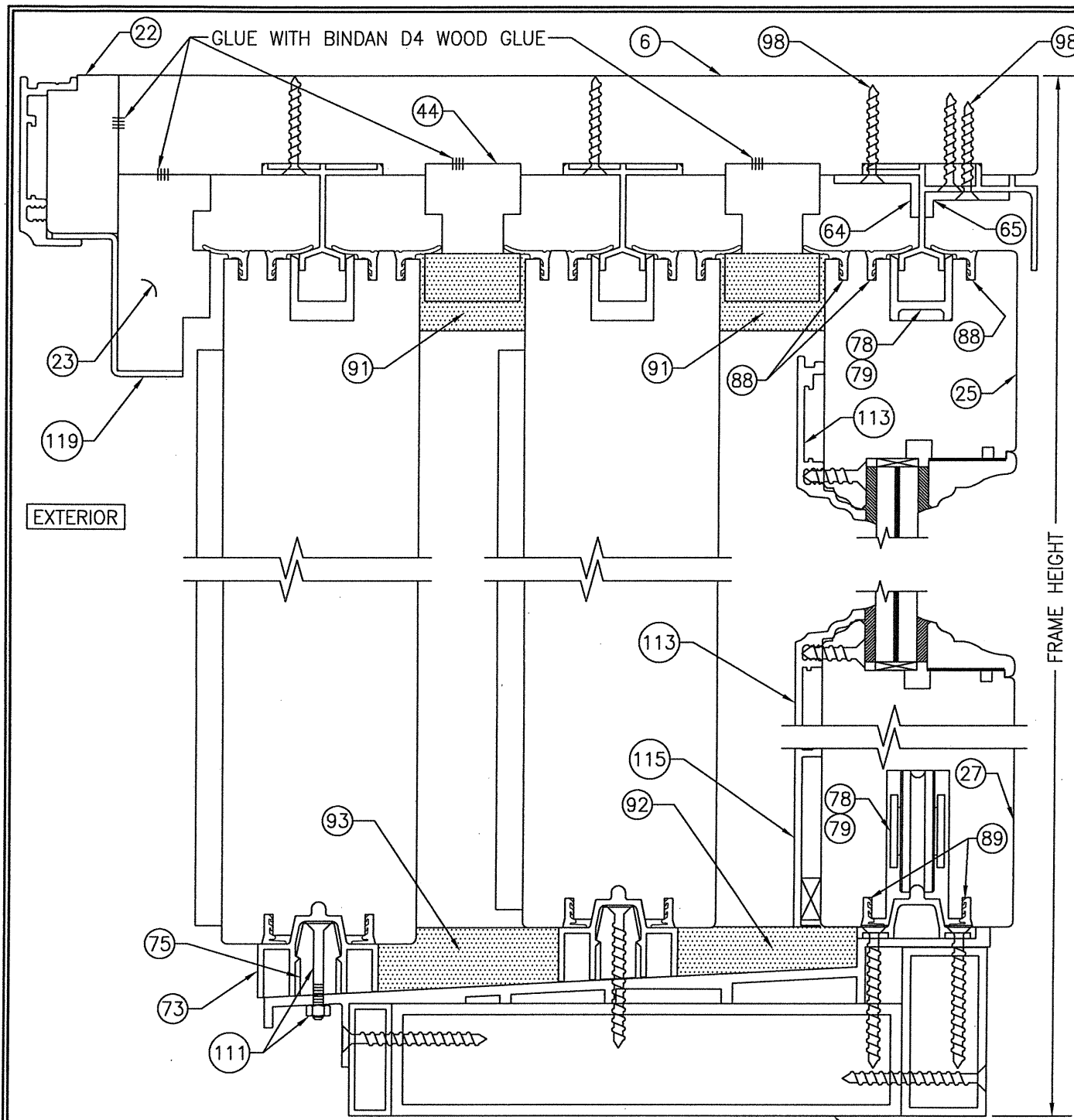


SECTION J3
SCALE: 1/2 FULL 19

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

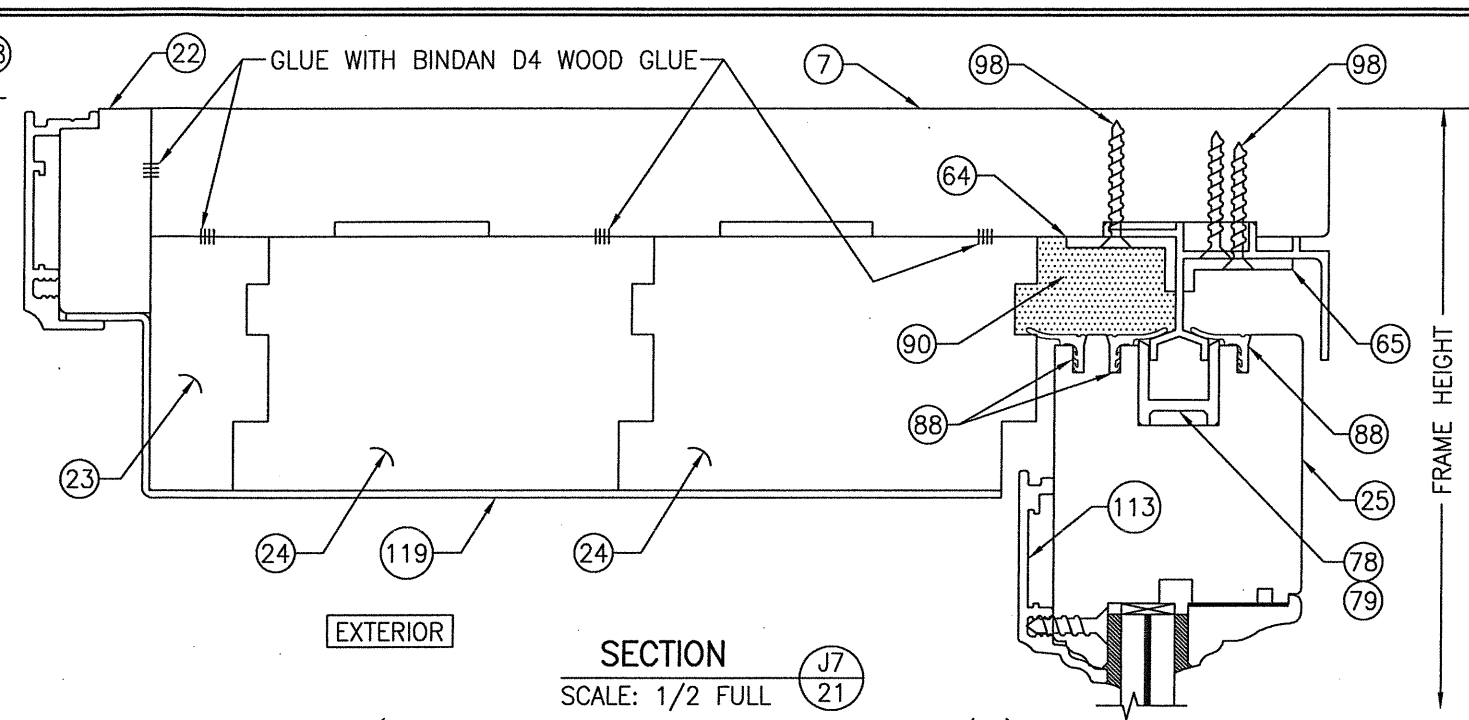
DRAWN BY: W.R.M.		CHECKED BY: W.W.S.	
PLOT: 1-24		DATE: 04/04/09	
NO.	REVISION	DESCRIPTION	DATE
DRAWING TITLE: LIFT & SLIDE BRONZE CLAD SLIDING GLASS IMPACT DOORS MANUFACTURER: PEETZ WINDOWS & DOORS 15951 S.W. 41ST STREET; SUITE 150 WESTON, FL 33331 954-659-3887 CONSULTANTS: W. W. SCHAEFER ENGINEERING & CONSULTING, P.A. (CA 6809) 7480 150TH COURT NORTH PALM BEACH GARDENS, FL 33418 PHONE: 561-744-3424			
CERTIFICATION STATE OF FLORIDA JUN 02 2020 WARREN W. SCHAEFER LICENSE No. 44135 P.E. NO. 44135		DRAWING NO. 1632 SHEET NO. 19 OF 38 REV. D	

[illegible]



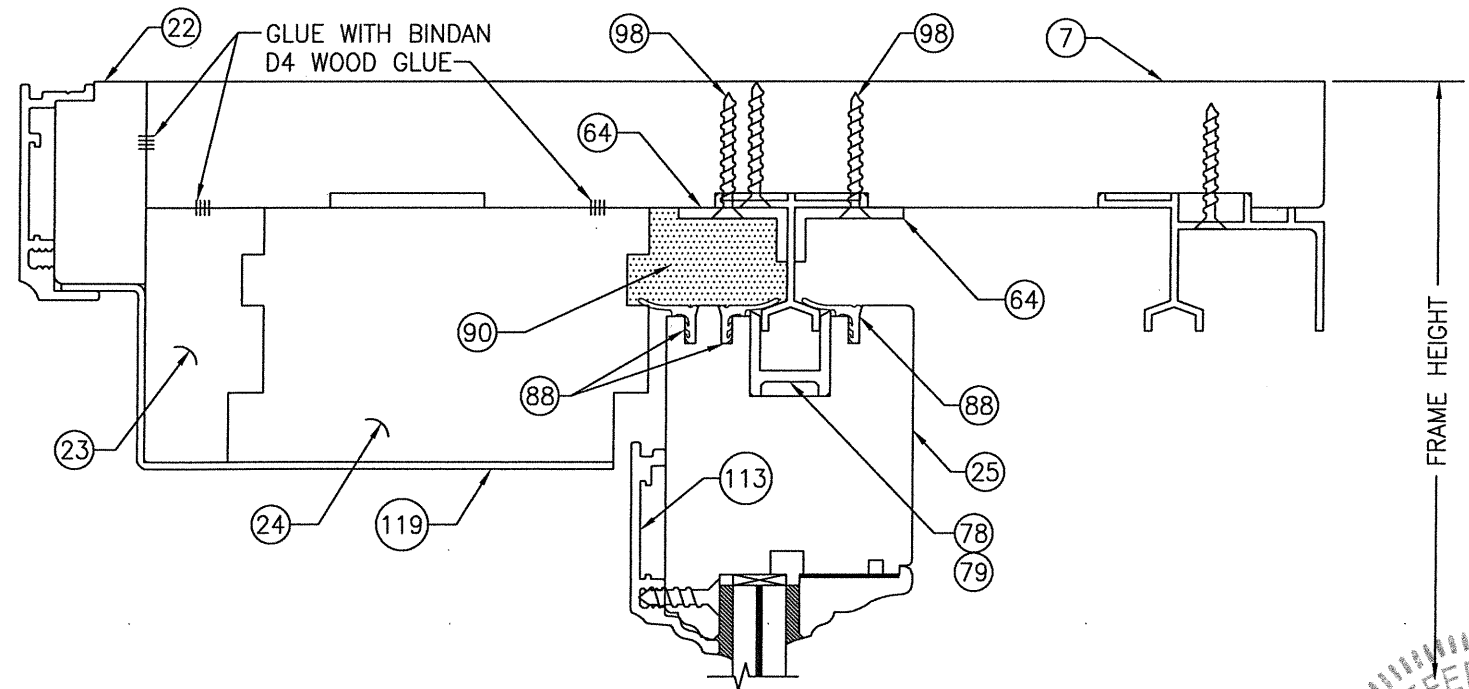
SECTION J6
SCALE: 1/2 FULL 21

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



SECTION J7
SCALE: 1/2 FULL 21
(FOR SILL DETAIL NOT SHOWN, SEE SECTION J3/19)

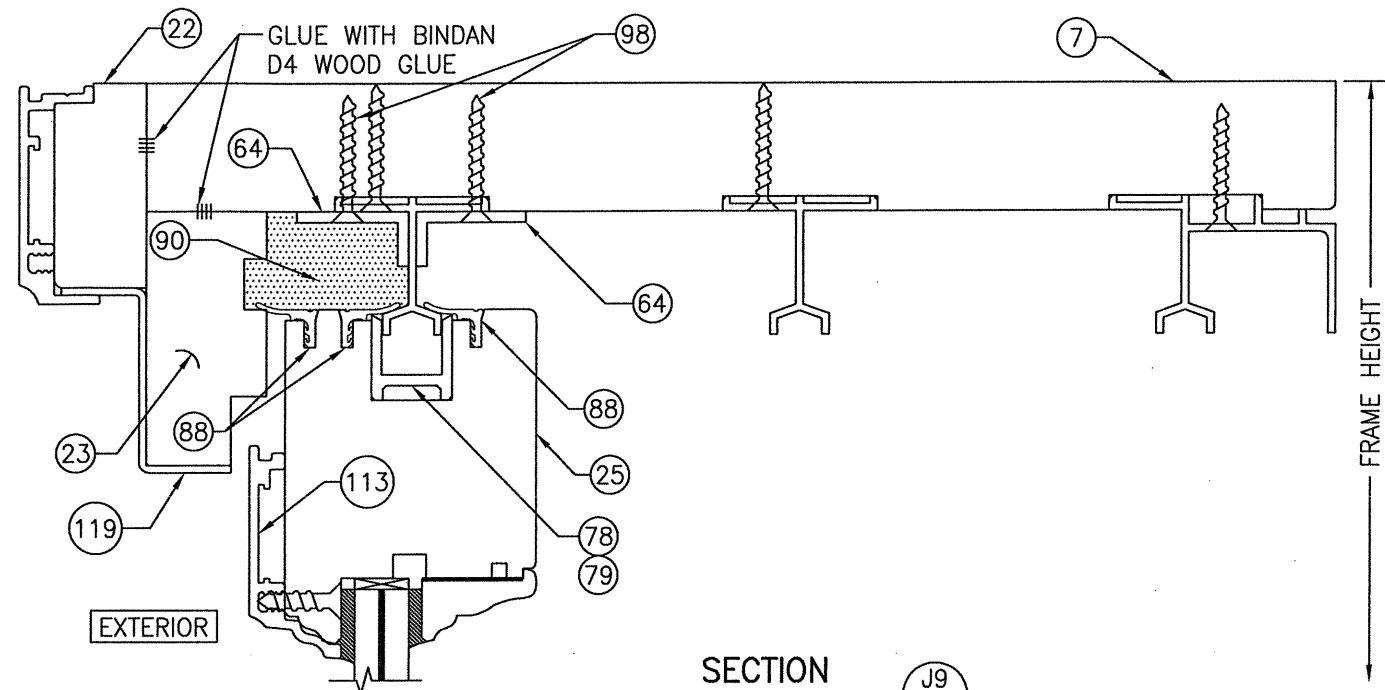
FOR INSTALLATION & OTHER DETAIL
NOT SHOWN, SEE SECTION J1/18



SECTION J8
SCALE: 1/2 FULL 21
(FOR SILL DETAIL NOT SHOWN, SEE SECTION J2/19)

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

DRAWN BY: W.R.M.		CHECKED BY: W.W.S.		
PLOT: 1=24		DATE: 04/04/09		
NO.	REVISION	DESCRIPTION	BY	DATE
DRAWING TITLE LIFT & SLIDE BRONZE CLAD 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 STATE OF FLORIDA JUN 07 2020 WARREN W. SCHAEFER, P.E. P.E. NO. 44135 DRAWING NO. 1632 REV. D SHEET NO. 21 OF 38				



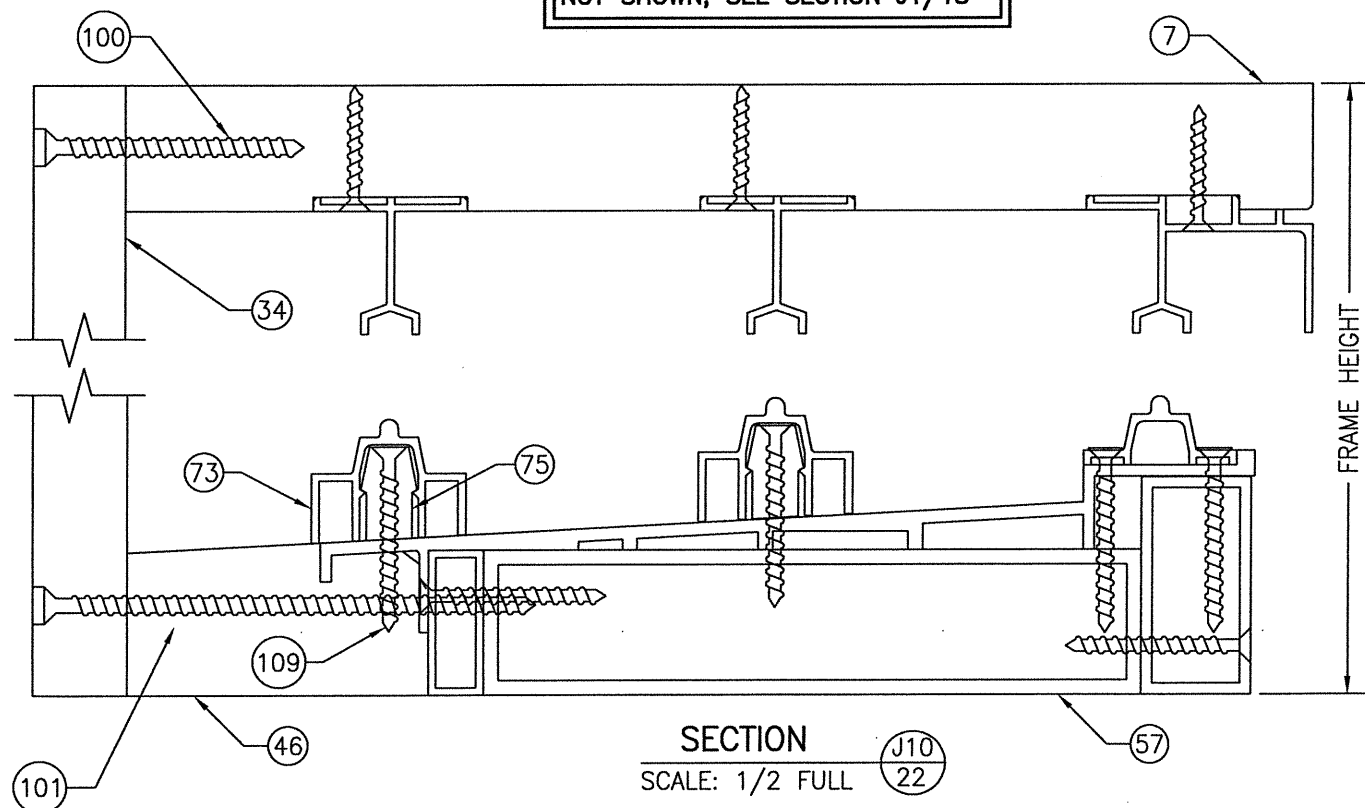
SECTION

SCALE: 1/2 FULL

J9
22

(FOR SILL DETAIL NOT SHOWN, SEE SECTION J4/20)

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

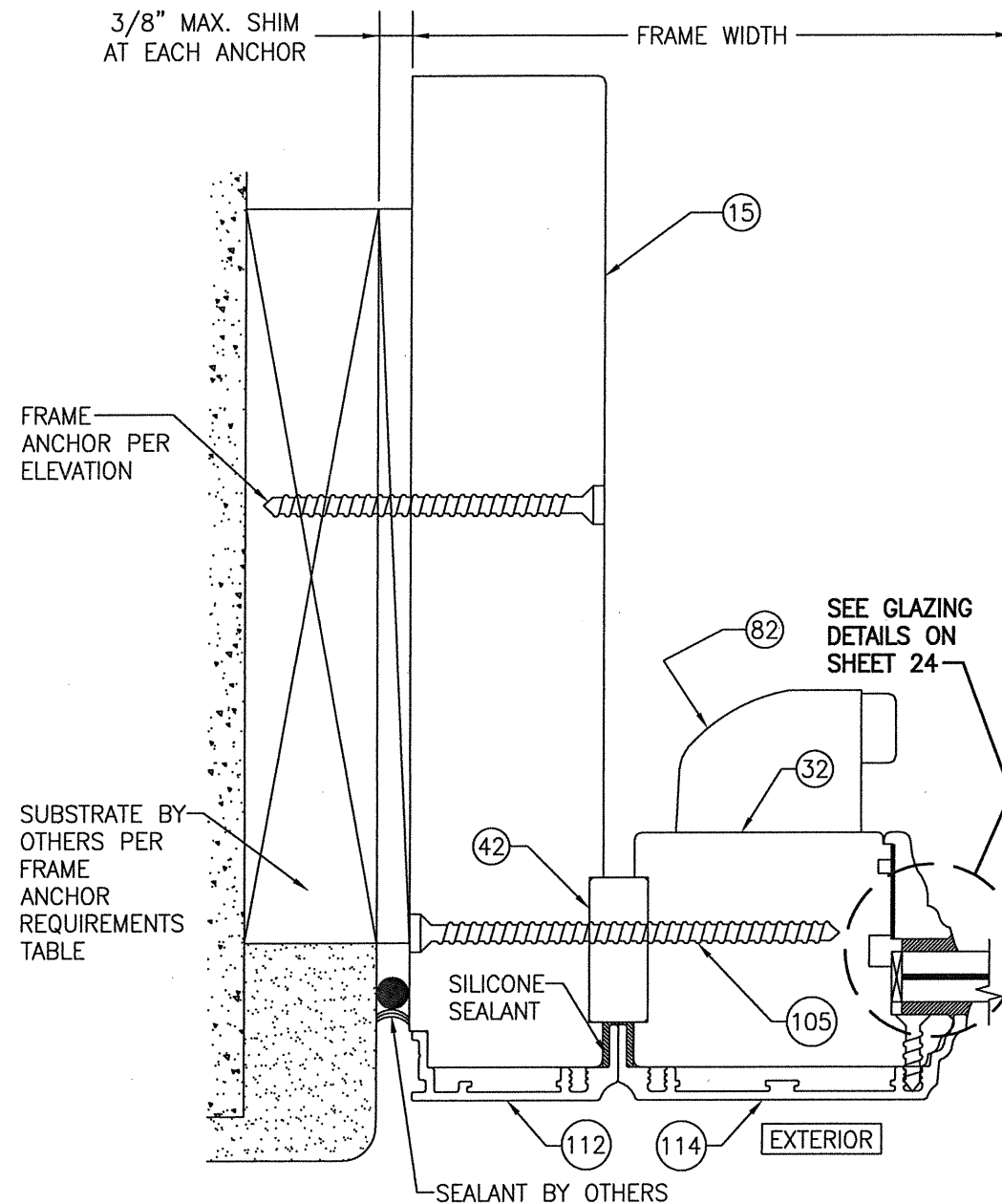


SECTION

SCALE: 1/2 FULL

J10
22

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



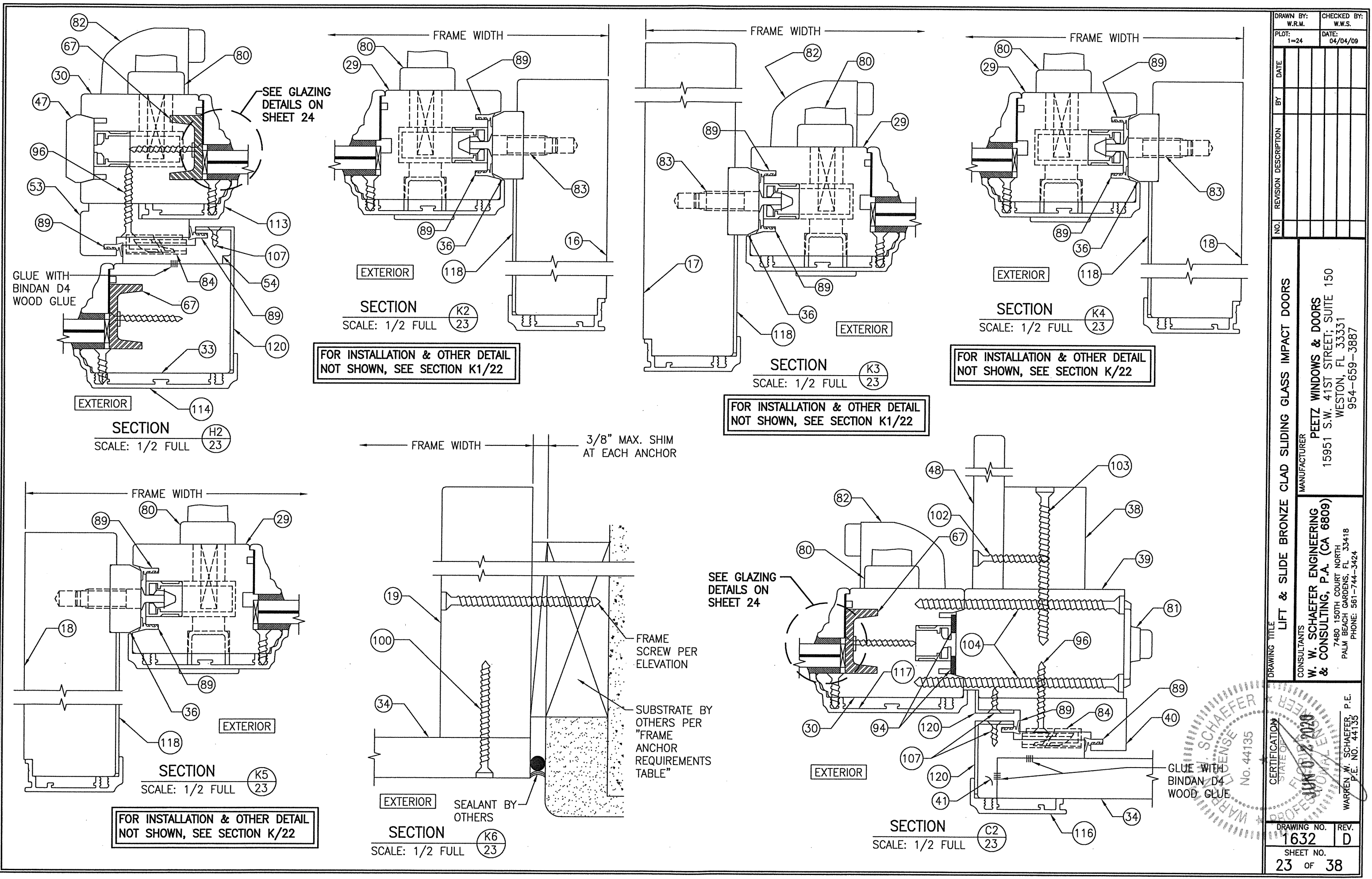
SECTION

SCALE: 1/2 FULL

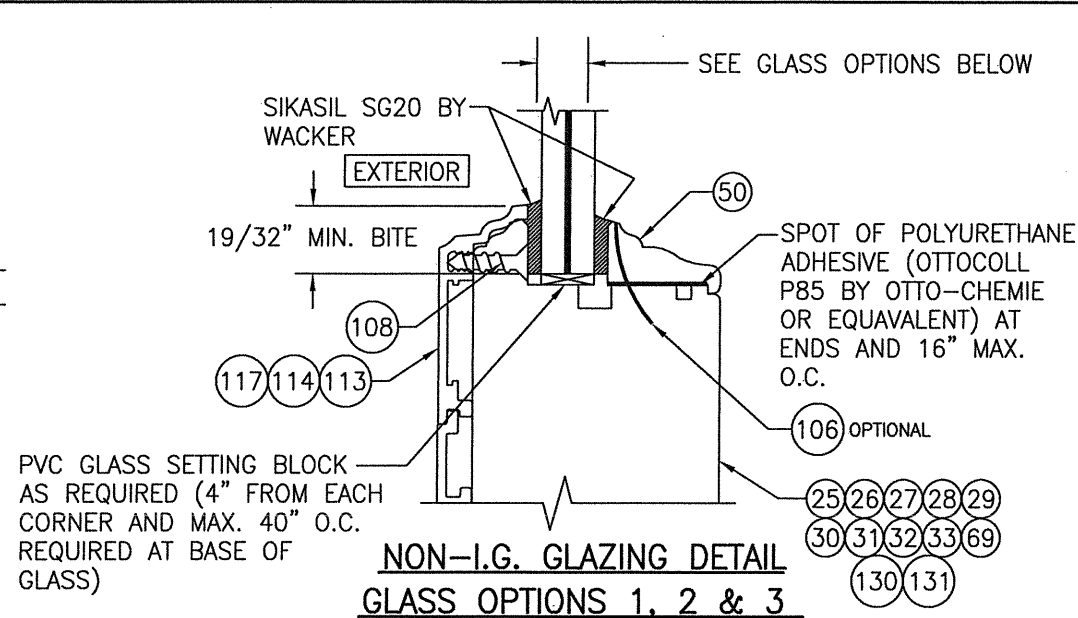
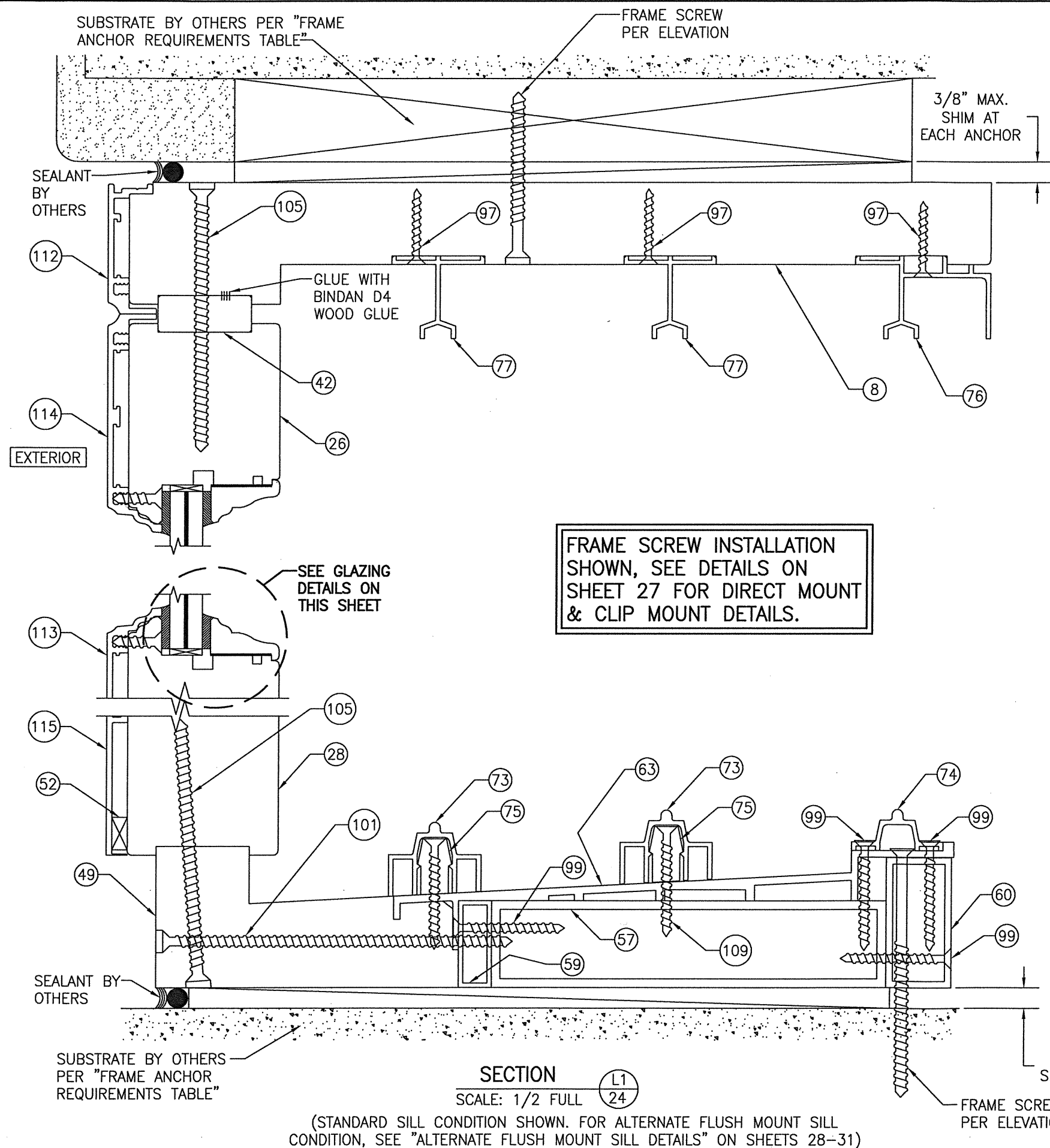
K1
22

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

DRAWN BY: W.R.M.	CHECKED BY: W.W.S.
PLOT: 1-24	DATE: 04/04/09
NO.	REVISION DESCRIPTION
DATE	BY
DRAWING TITLE	
LIFT & SLIDE BRONZE CLAD 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	
WARREN W. SCHAEFER LICENSE No. 44135	
JUN 02 2020	
WARREN W. SCHAEFER, P.E. P.E. NO. 44135	
DRAWING NO. 1632	REV. D
SHEET NO. 22	OF 38



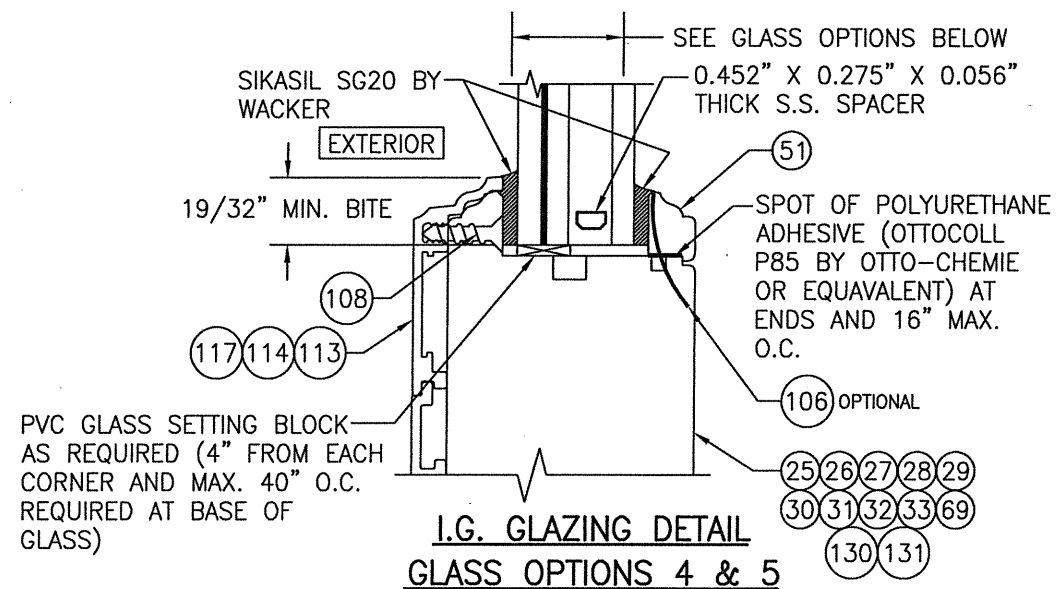
DRAWN BY: W.R.M.		CHECKED BY: W.W.S.	
PLOT: 1=24		DATE: 04/04/09	
NO.	REVISION DESCRIPTION	DATE	BY
DRAWING TITLE: LIFT & SLIDE BRONZE CLAD SLIDING GLASS IMPACT DOORS			
CONSULTANTS: W. W. SCHAEFER ENGINEERING & CONSULTING, P.A. (CA 6809)		MANUFACTURER: PEETZ WINDOWS & DOORS	
7480 150TH COURT NORTH		15951 S.W. 41ST STREET, SUITE 150	
PALM BEACH GARDENS, FL 33418		WESTON, FL 33331	
PHONE: 561-744-3424		954-659-3887	
CERTIFICATION: STATE OF FLORIDA PROFESSIONAL ENGINEER		WARREN W. SCHAEFER, P.E.	
No. 44135		P.E. NO. 44135	
DRAWING NO. 1632		REV. D	
SHEET NO. 23		OF 38	



GLASS OPTION 1: 1/2" LAMINATED GLASS (3/16" H.S./0.075" EASTMAN CHEMICAL CO. SAFLEX CP/1/4" H.S.)

GLASS OPTION 2: 9/16" LAMINATED GLASS (3/16" H.S./0.12" EASTMAN CHEMICAL CO. SAFLEX/1/4" H.S.)

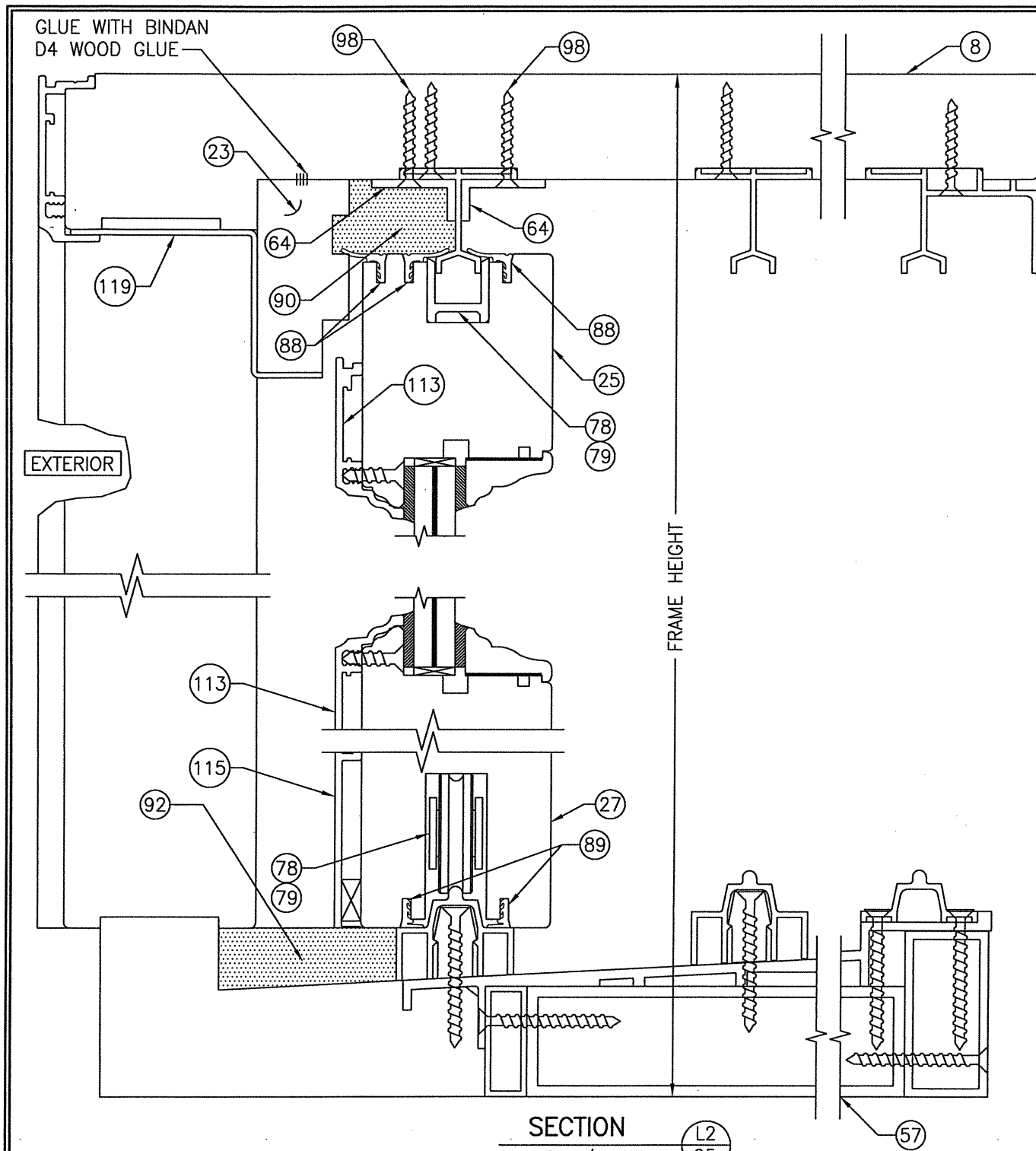
GLASS OPTION 3: 9/16" LAMINATED GLASS (1/4" H.S./0.075" EASTMAN CHEMICAL CO. SAFLEX CP/1/4" H.S.)



GLASS OPTION 4: 1 1/4" LAMINATED I.G. (3/16" H.S./0.12" EASTMAN CHEMICAL CO. SAFLEX/1/4" H.S./1/2" AIR SPACE/3/16 TEMP.)

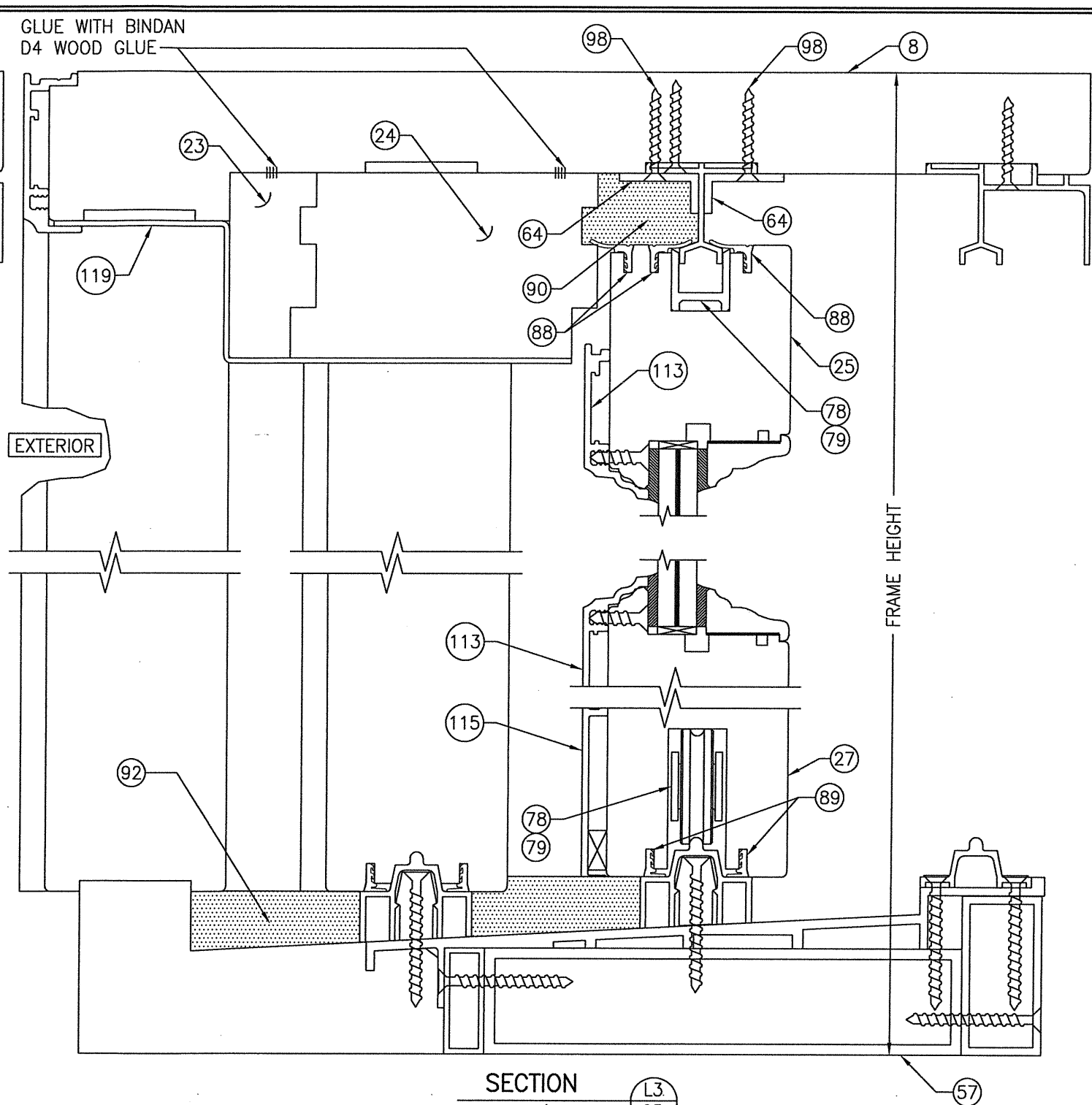
GLASS OPTION 5: 1 5/16" LAMINATED I.G. (1/4" H.S./0.075" EASTMAN CHEMICAL CO. SAFLEX CP/1/4" H.S./1/2" AIR SPACE/1/4 TEMP.)

DRAWN BY: W.R.M.	CHECKED BY: W.W.S.
PLOT: 1=24	DATE: 04/04/09
DATE	BY
REVISION DESCRIPTION	NO.
LIFT & SLIDE BRONZE CLAD SLIDING GLASS IMPACT DOORS MANUFACTURER PEETZ WINDOWS & DOORS 15951 S.W. 41ST STREET, SUITE 150 WESTON, FL 33331 954-659-3887	
CONSULTANTS W. SCHAEFER ENGINEERING & CONSULTING, P.A. (CA 6809) 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. 1632	REV. D
SHEET NO. 24 OF 38	



SECTION L2
SCALE: 1/2 FULL

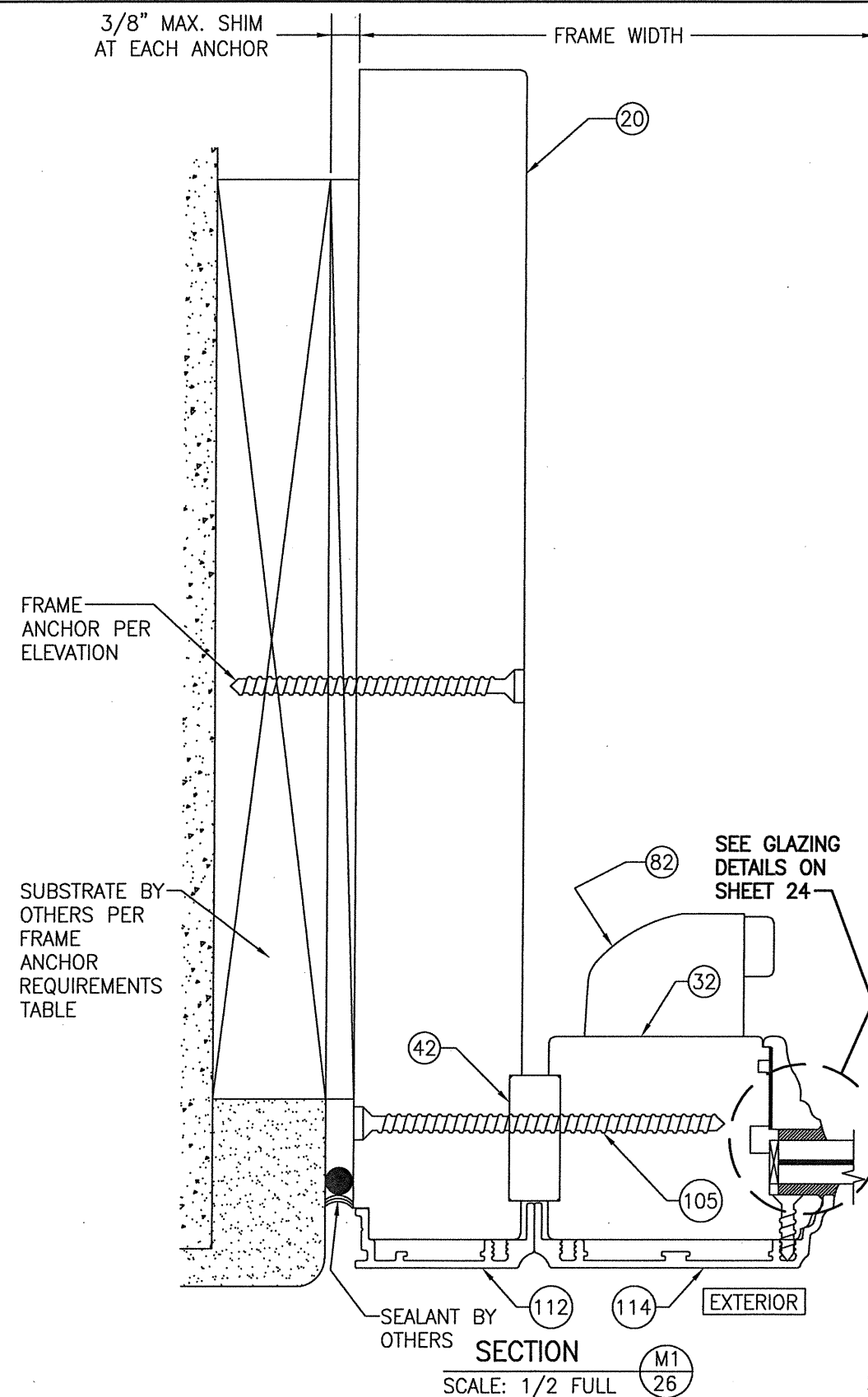
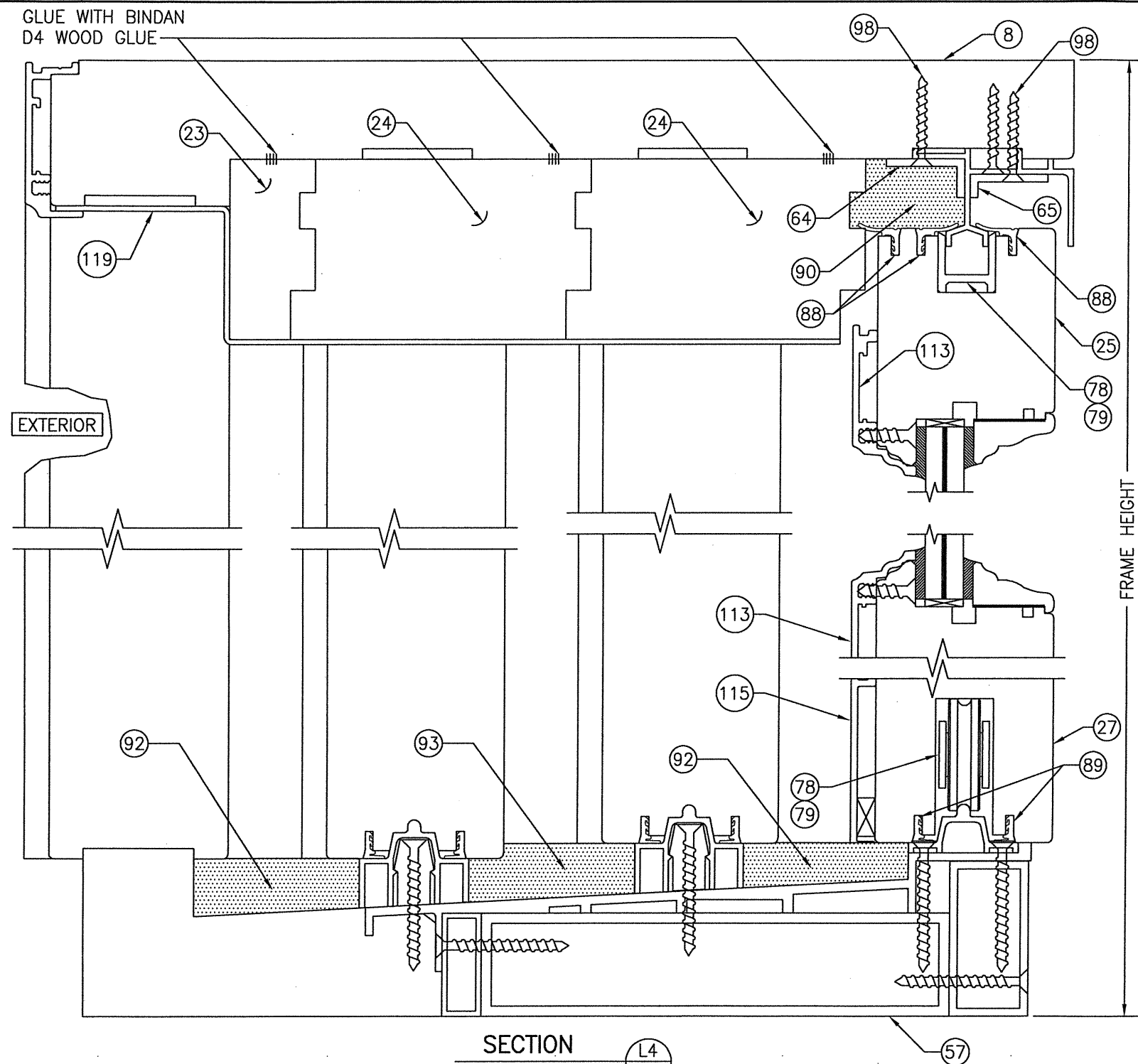
FOR INSTALLATION & OTHER DETAIL
NOT SHOWN, SEE SECTION L1/24



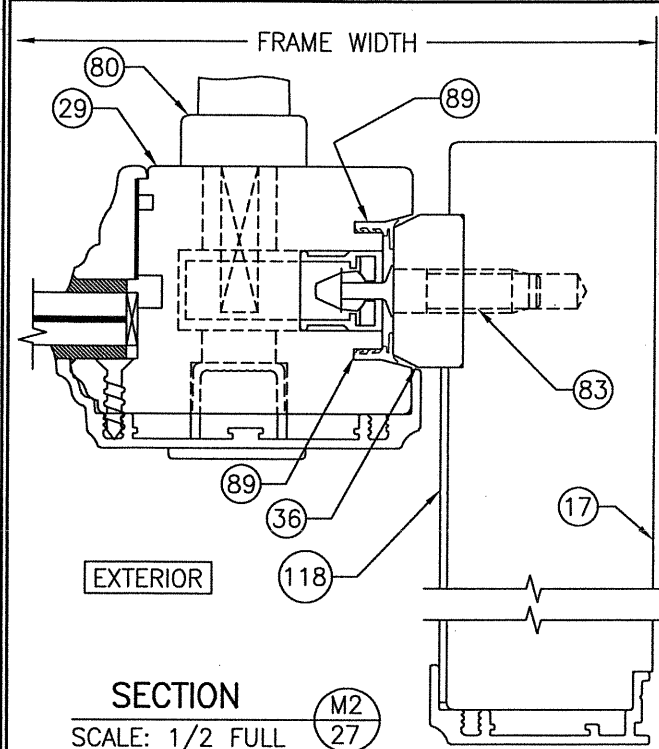
SECTION L3
SCALE: 1/2 FULL

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

DRAWN BY: W.R.M.		CHECKED BY: W.W.S.	
PLOT: 1=24		DATE: 04/04/09	
NO.	REVISION DESCRIPTION	BY	DATE
DRAWING TITLE			
LIFT & SLIDE BRONZE CLAD 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		STATE OF	
WARREN W. SCHAEFER, P.E.		P.E. NO. 44135	
DRAWING NO.		REV.	
1632		D	
SHEET NO.		25 OF 38	

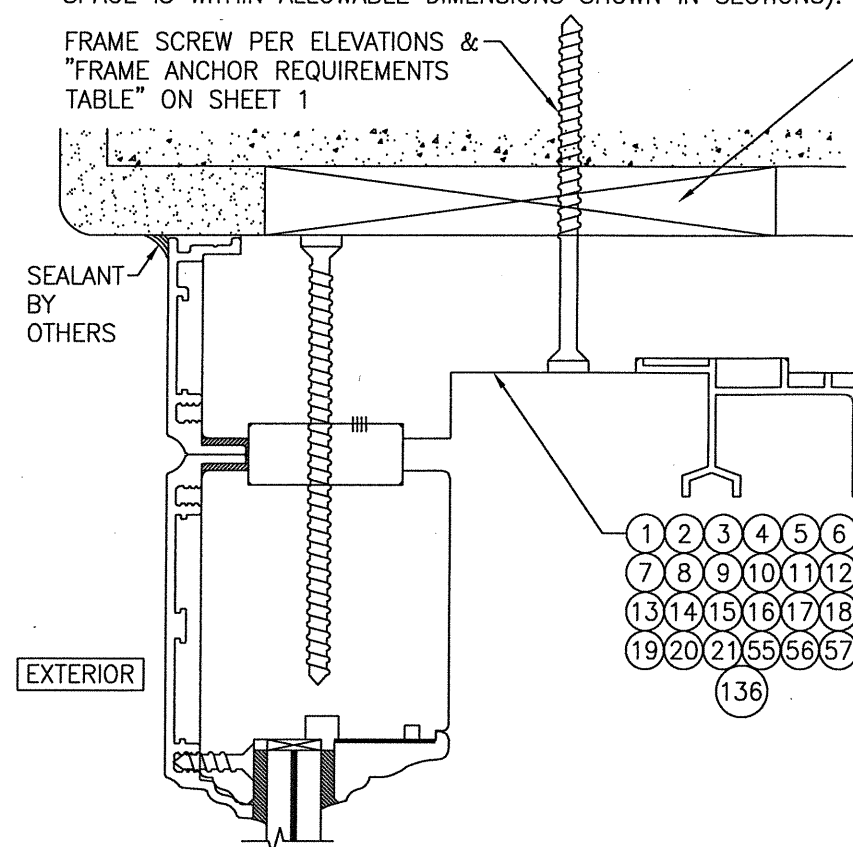


DRAWN BY: W.R.M.		CHECKED BY: W.W.S.		
PLOT: 1=24		DATE: 04/04/09		
NO.	REVISION	DESCRIPTION	BY	DATE



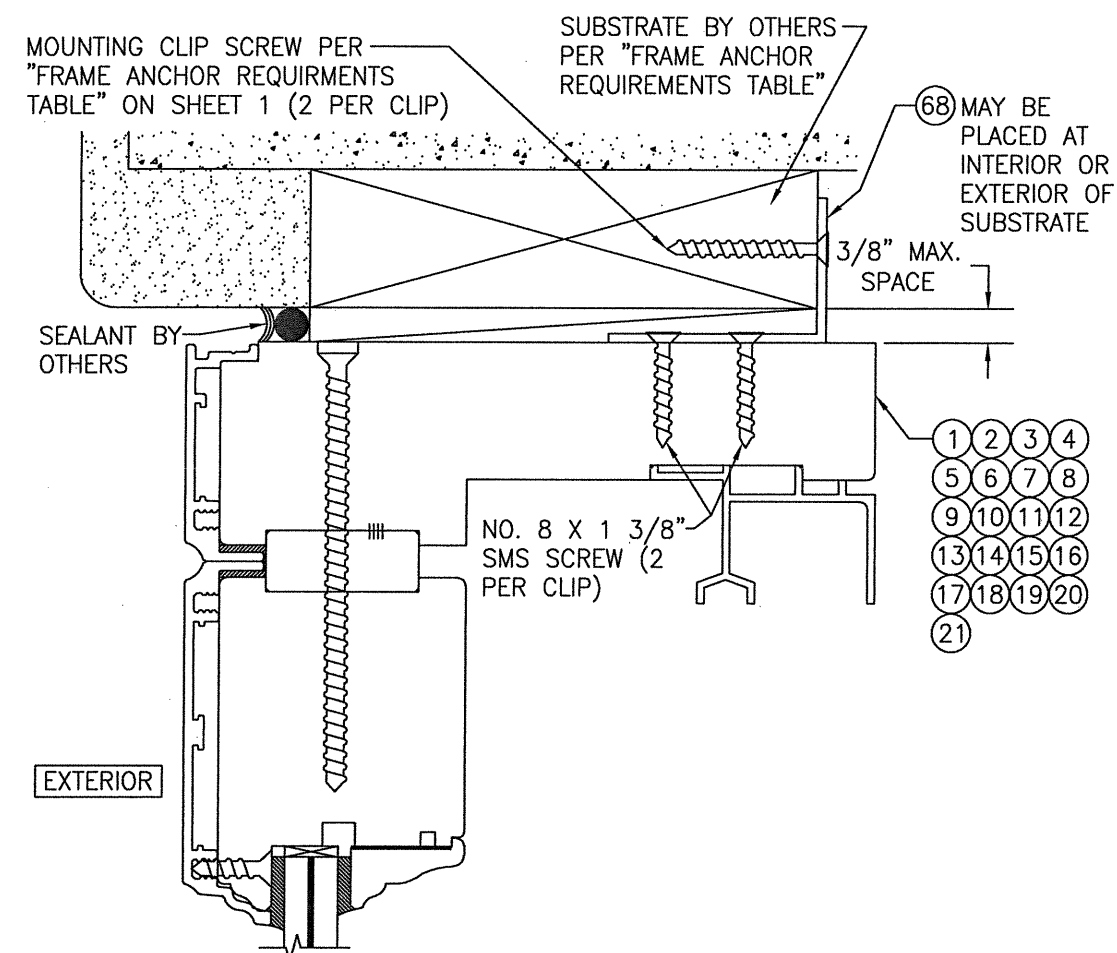
CONTINUOUS WOOD MEMBER LESS THICK THAN A 2X_ BUCK & OF A WIDTH/DEPTH CONSISTANT WITH FOOTNOTE #1 IN THE ANCHOR REQUIREMENTS TABLE ON SHEET 1 (NOT REQUIRED WHEN SHIM SPACE IS WITHIN ALLOWABLE DIMENSIONS SHOWN IN SECTIONS).

FRAME SCREW PER ELEVATIONS &-
"FRAME ANCHOR REQUIREMENTS
TABLE" ON SHEET 1



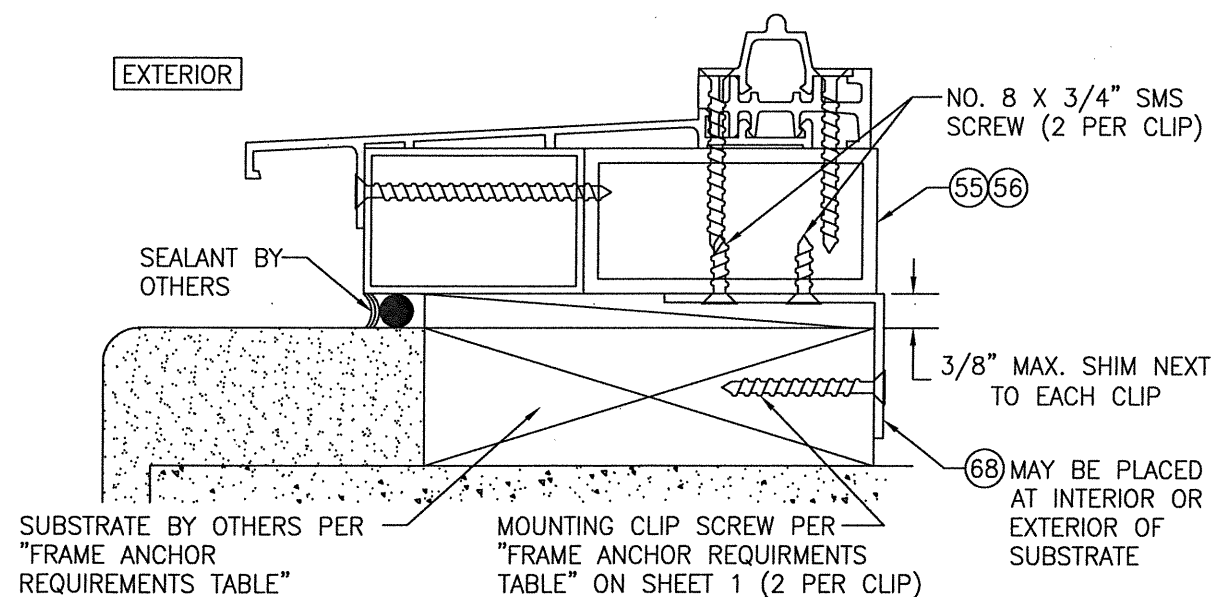
OPTIONAL DIRECT MOUNT DETAIL TO SUBSTRATE WITH SPACER

(2 PANEL DEEP HEAD SECTION SHOWN, ALL OTHER APPROVED
HEAD, SILL & SIDE CONDITIONS ARE INSTALLED THE SAME)
(FOR DETAIL NOT SHOWN, SEE OTHER SECTIONS)



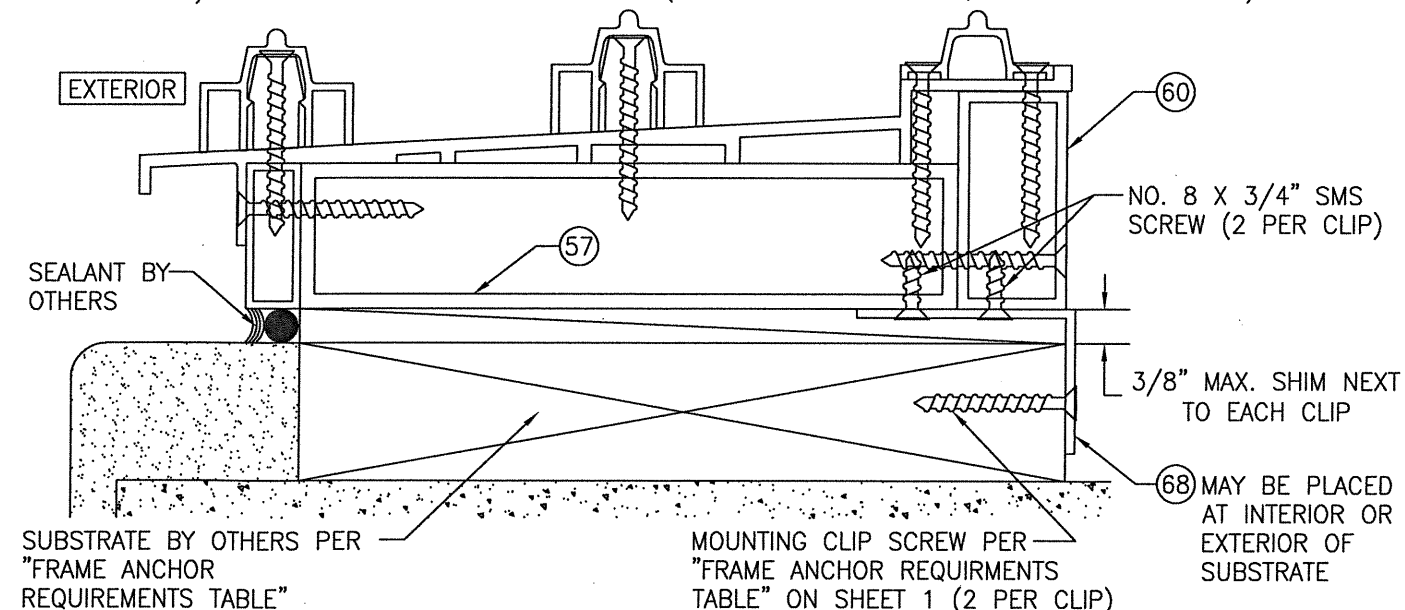
OPTIONAL MOUNTING CLIP DETAIL AT HEAD & SIDES

(2 PANEL DEEP HEAD SECTION SHOWN, ALL OTHER APPROVED HEAD &
SIDE CONDITIONS ARE INSTALLED THE SAME)
(FOR DETAIL NOT SHOWN, SEE OTHER SECTIONS)



OPTIONAL MOUNTING CLIP DETAIL AT 1 & 2 PANEL DEEP SILLS

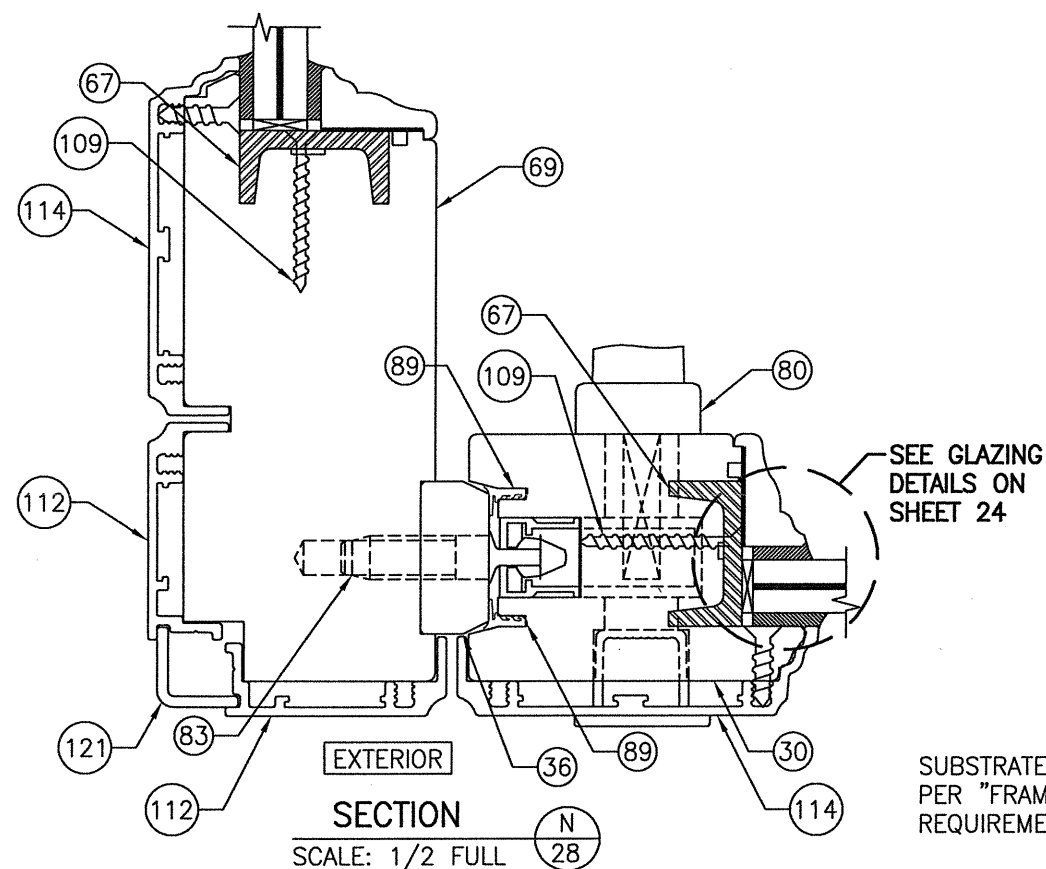
(1 PANEL DEEP SILL SECTION SHOWN, 2 PANEL DEEP SILL IS INSTALLED THE SAME)
(FOR DETAIL NOT SHOWN, SEE OTHER SECTIONS)
(NOT APPLICABLE WITH FLUSH MOUNT SILL)



OPTIONAL MOUNTING CLIP DETAIL AT 3 & 4 PANEL DEEP SILLS

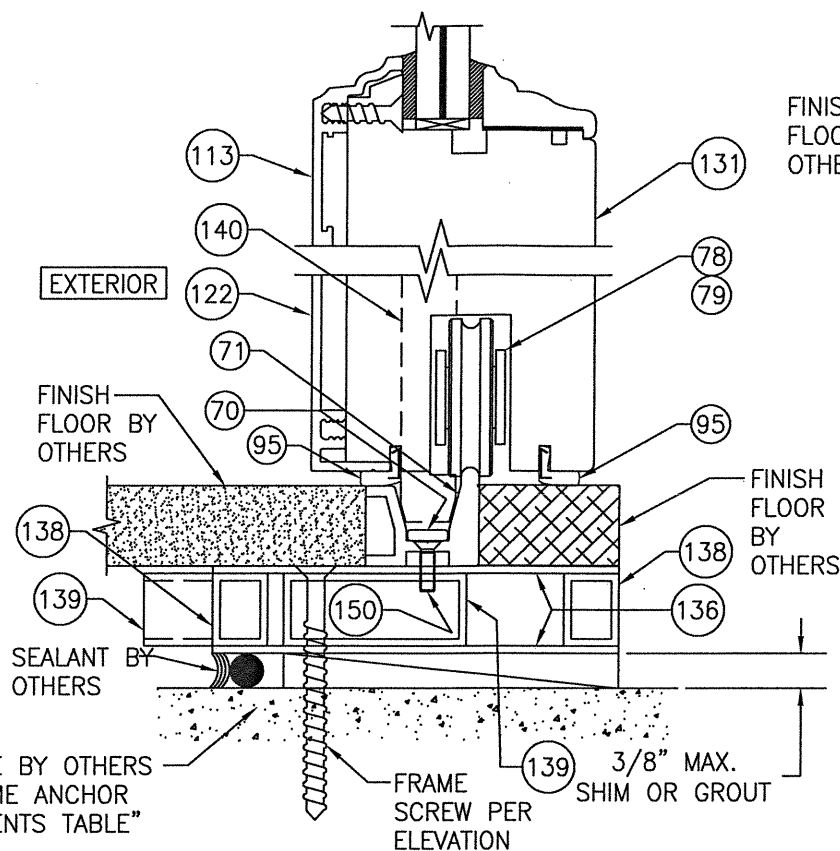
(3 PANEL DEEP SILL SECTION SHOWN, 4 PANEL DEEP SILL IS INSTALLED THE SAME)
(FOR DETAIL NOT SHOWN, SEE OTHER SECTIONS)
(NOT APPLICABLE WITH FLUSH MOUNT SILL)

DRAWING NO. 1632	REV. D	SHEET NO. 27 OF 38	CERTIFICATION STATE OF FLORIDA JUN 01 2020 WARREN W. SCHAEFER, P.E. P.E. NO. 44135	DRAWING TITLE LIFT & SLIDE BRONZE CLAD 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																							
				<table><tr><th>NO.</th><th>REVISION DESCRIPTION</th><th>BY</th><th>DATE</th></tr><tr><td> </td><td> </td><td> </td><td> </td></tr><tr><td> </td><td> </td><td> </td><td> </td></tr><tr><td> </td><td> </td><td> </td><td> </td></tr><tr><td> </td><td> </td><td> </td><td> </td></tr><tr><td> </td><td> </td><td> </td><td> </td></tr></table>	NO.	REVISION DESCRIPTION	BY	DATE																					<table><tr><td>DRAWN BY: W.R.M.</td><td>CHECKED BY: W.W.S.</td></tr><tr><td>PLOT: 1=24</td><td>DATE: 04/04/09</td></tr></table>
NO.	REVISION DESCRIPTION	BY	DATE																										
DRAWN BY: W.R.M.	CHECKED BY: W.W.S.																												
PLOT: 1=24	DATE: 04/04/09																												

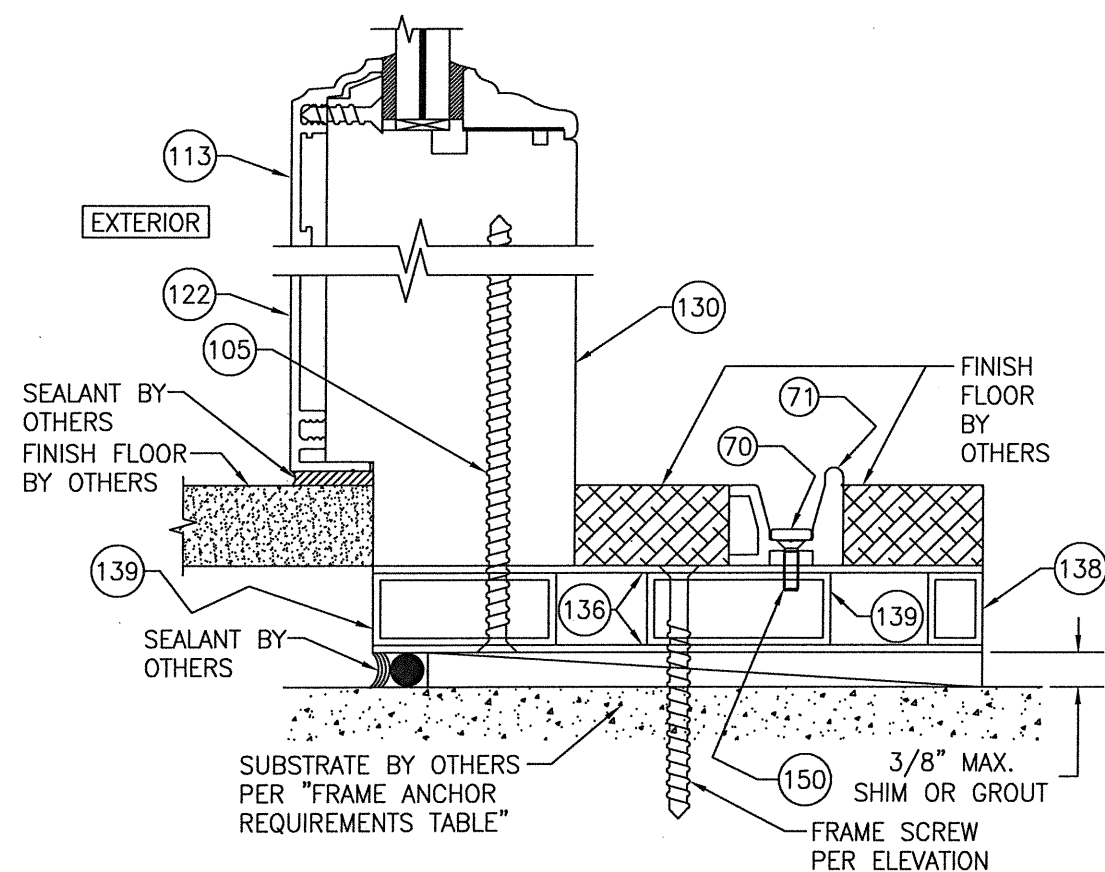
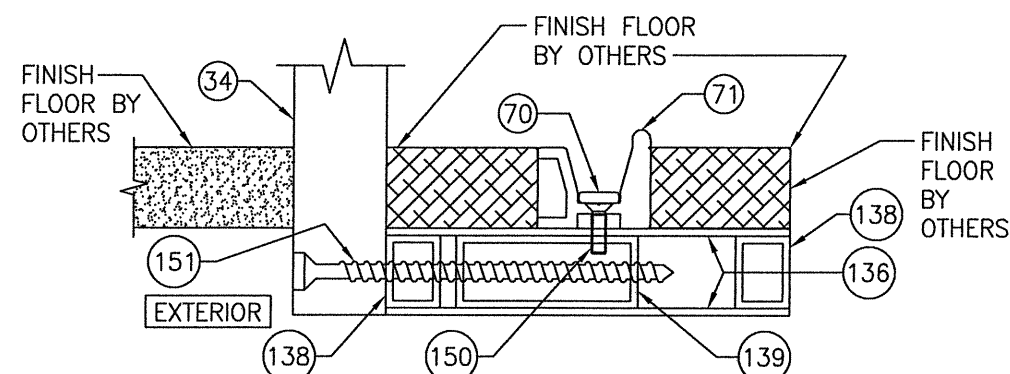


SUBSTRATE BY OTHERS
PER "FRAME ANCHOR
REQUIREMENTS TABLE"

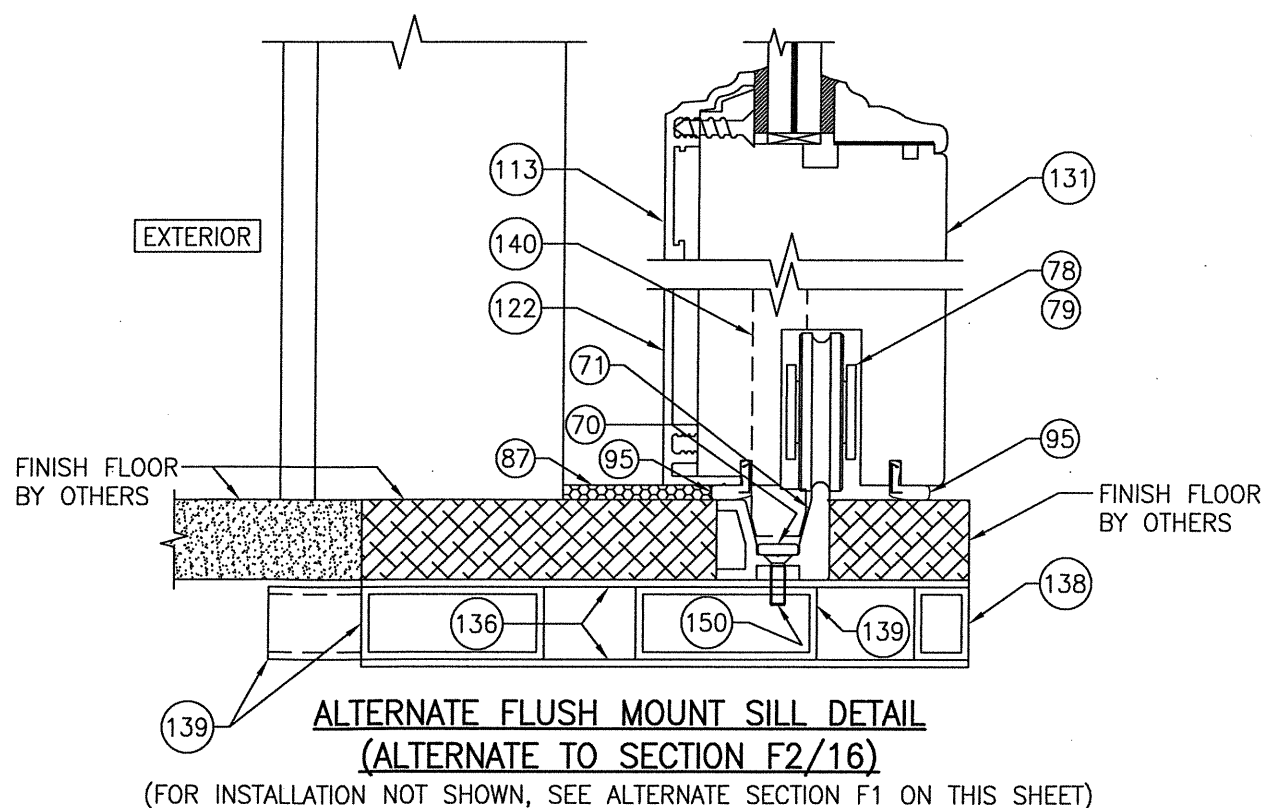
**ALTERNATE FLUSH MOUNT SILL DETAIL
(ALTERNATE TO SECTION A1/14)**



**ALTERNATE FLUSH MOUNT SILL DETAIL
(ALTERNATE TO SECTION A2/14)**
(FOR INSTALLATION NOT SHOWN, SEE ALTERNATE
SECTION A1 ON THIS SHEET)

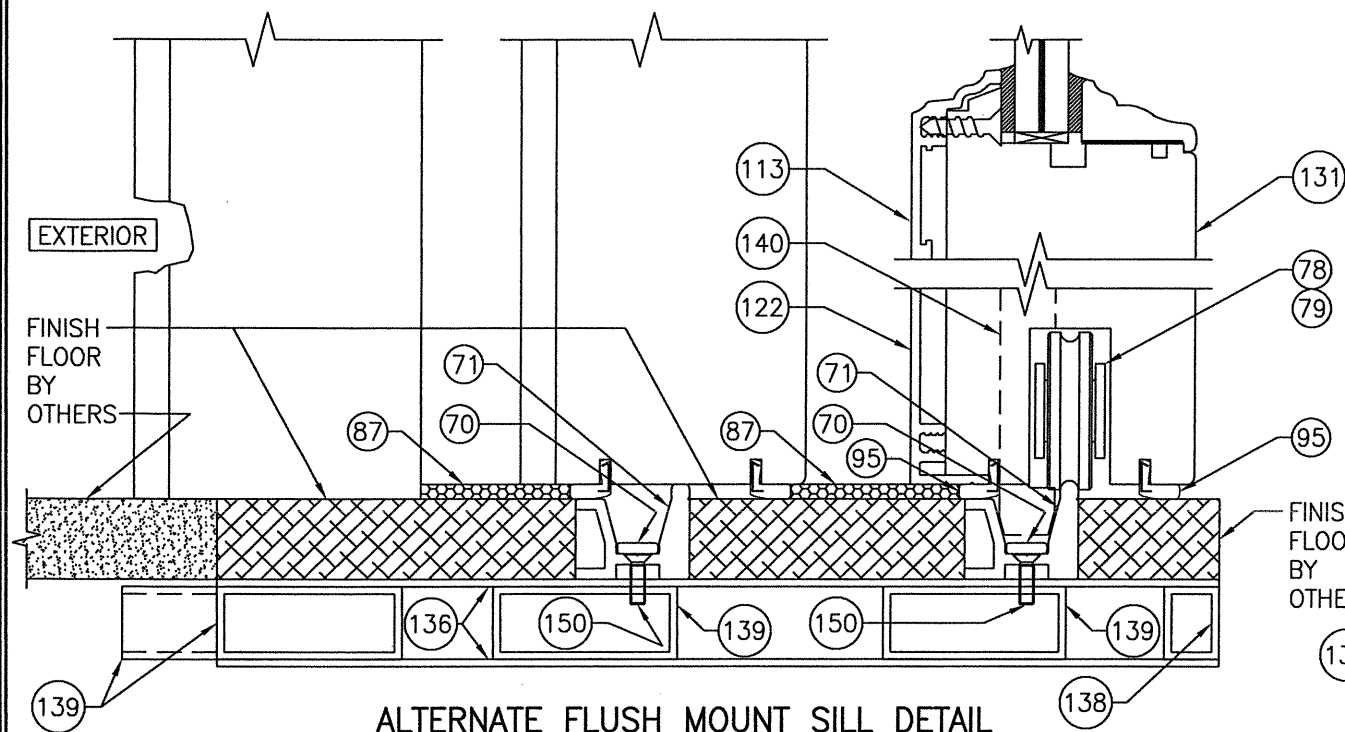


**ALTERNATE FLUSH MOUNT SILL DETAIL
(ALTERNATE TO SECTION F1/15)**



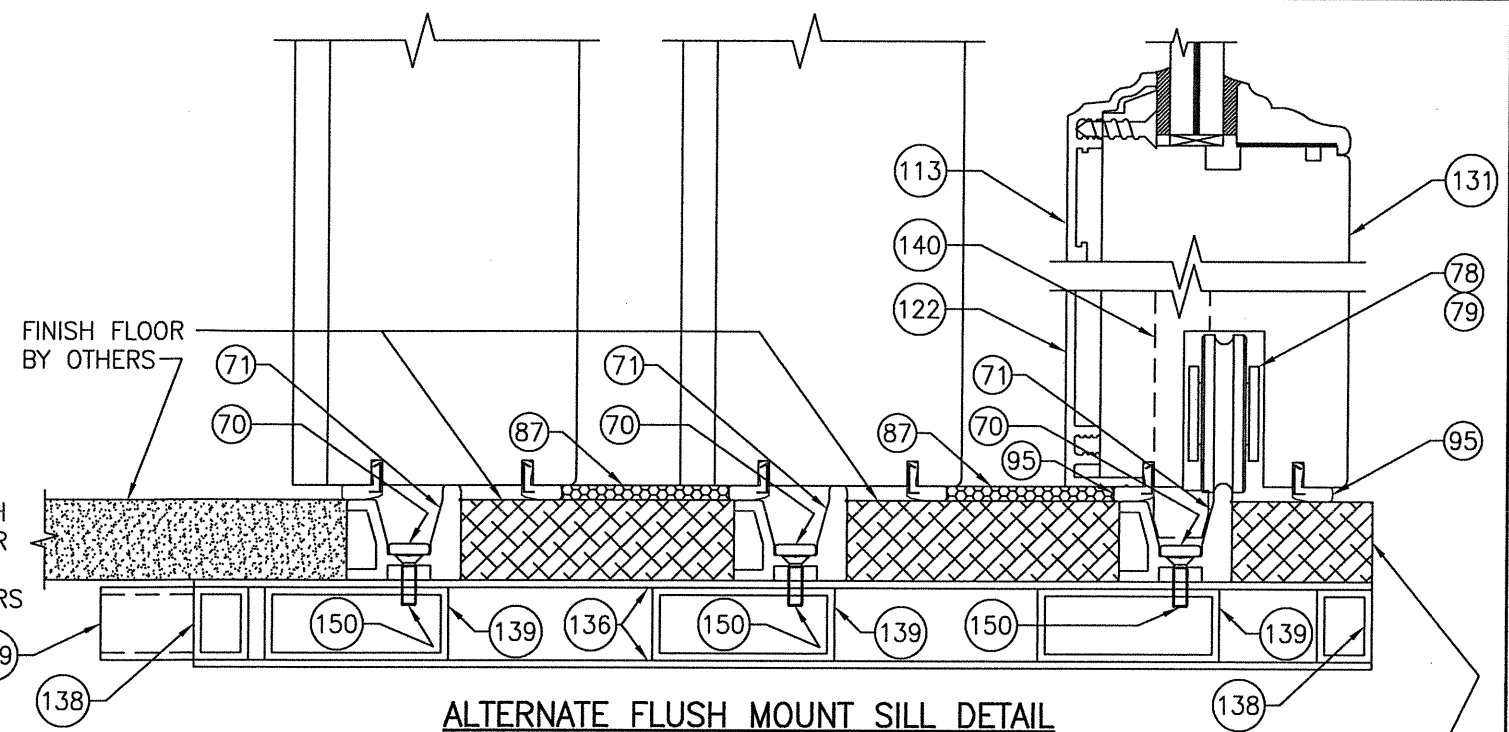
**ALTERNATE FLUSH MOUNT SILL DETAIL
(ALTERNATE TO SECTION F2/16)**
(FOR INSTALLATION NOT SHOWN, SEE ALTERNATE SECTION F1 ON THIS SHEET)

DRAWN BY: W.R.M.		CHECKED BY: W.W.S.	
PLOT: 1=2		DATE: 04/04/09	
DATE	BY	REVISION DESCRIPTION	NO.
DRAWING TITLE LIFT & SLIDE BRONZE CLAD 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 P.E. NO. 44135			
DRAWING NO. 1632		REV. D	
SHEET NO. 28		OF 38	



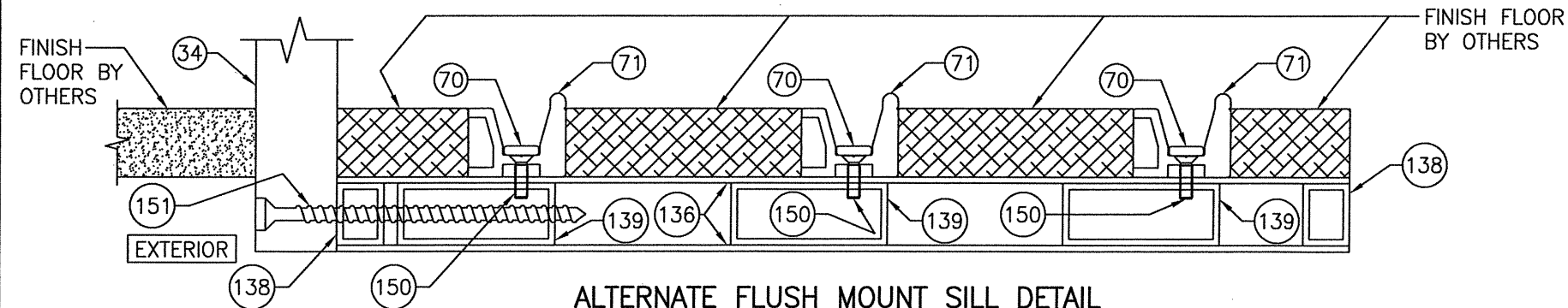
ALTERNATE FLUSH MOUNT SILL DETAIL
(ALTERNATE TO SECTIONS J2/19 & J3/19)

(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)

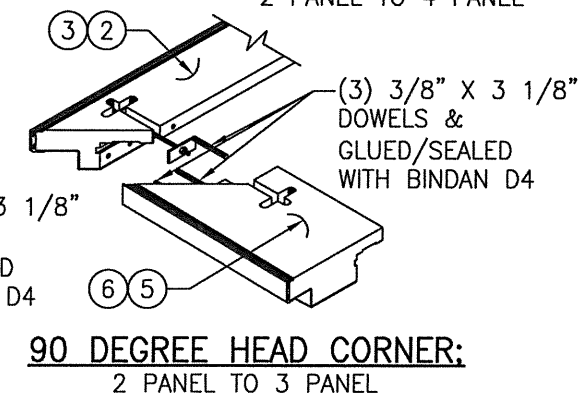
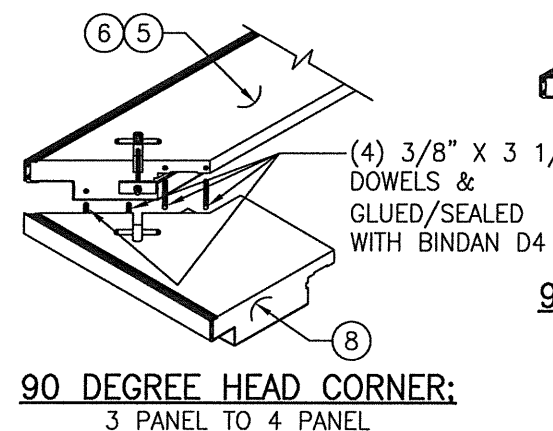
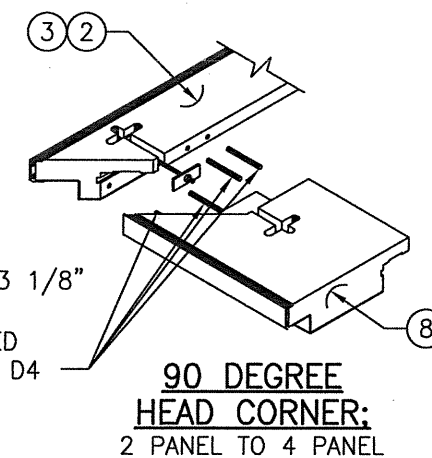
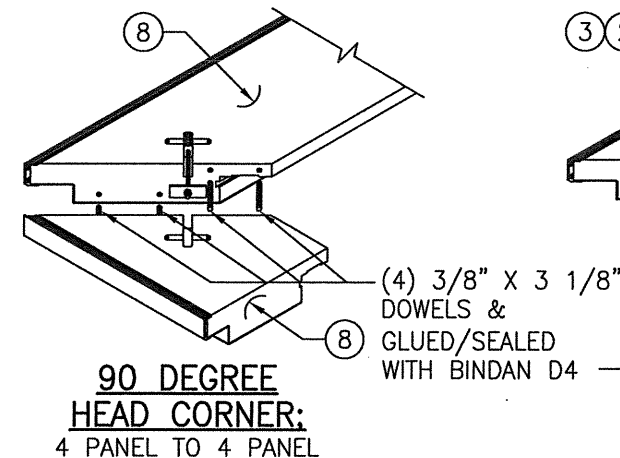
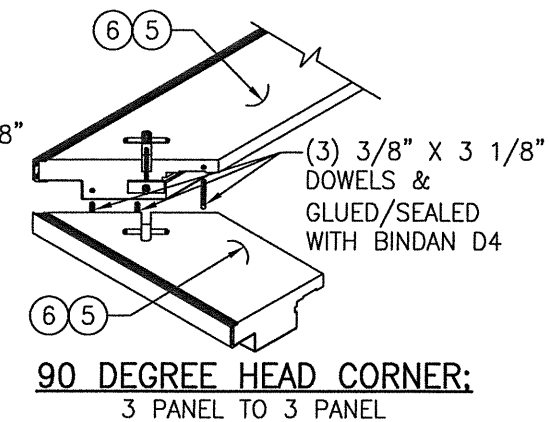
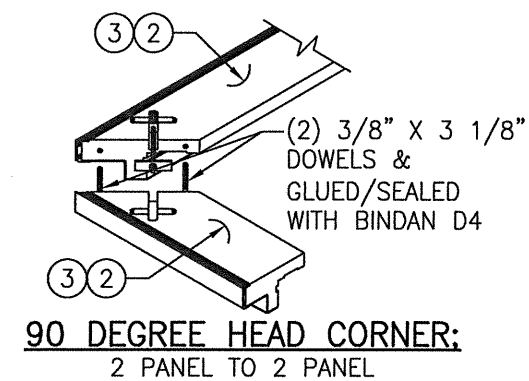
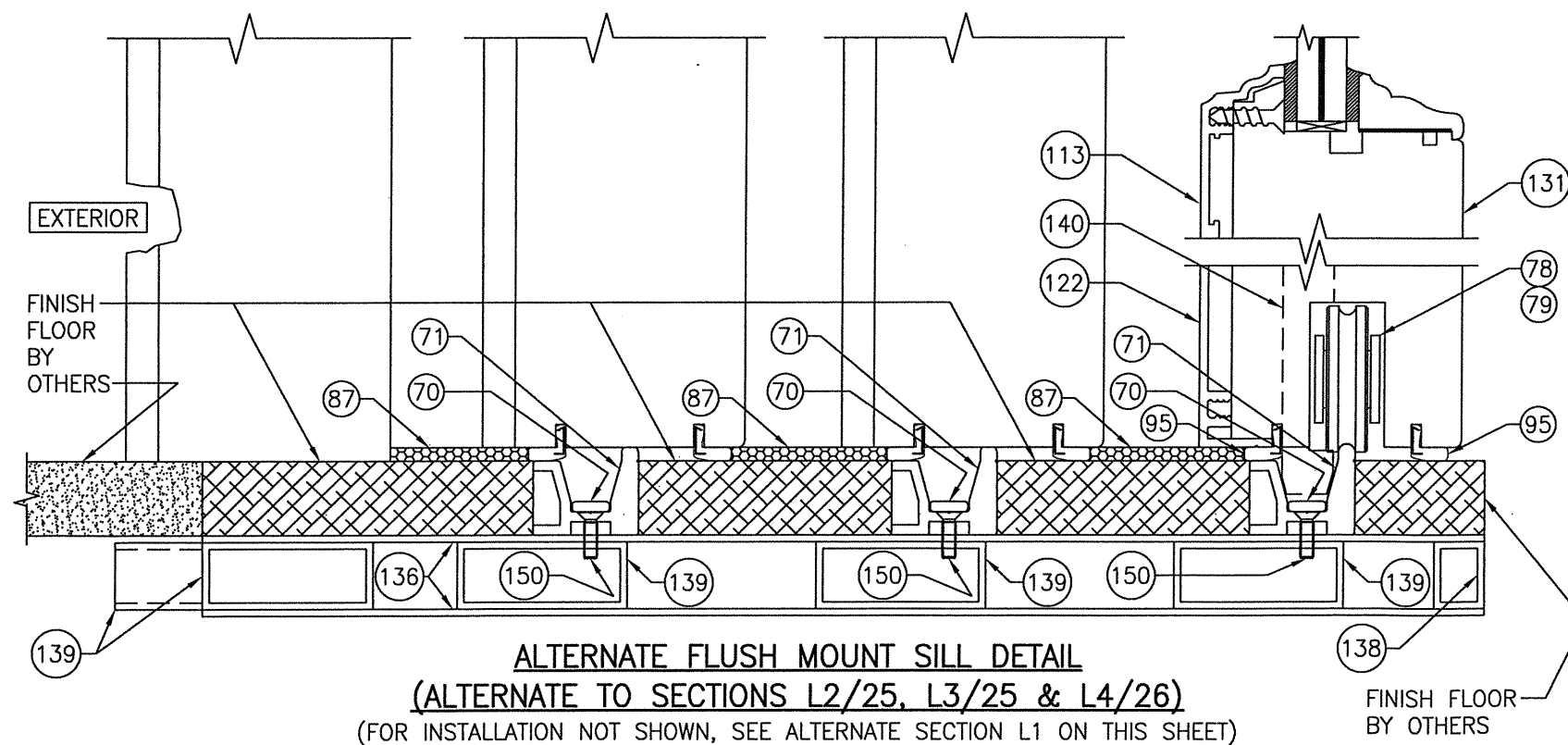
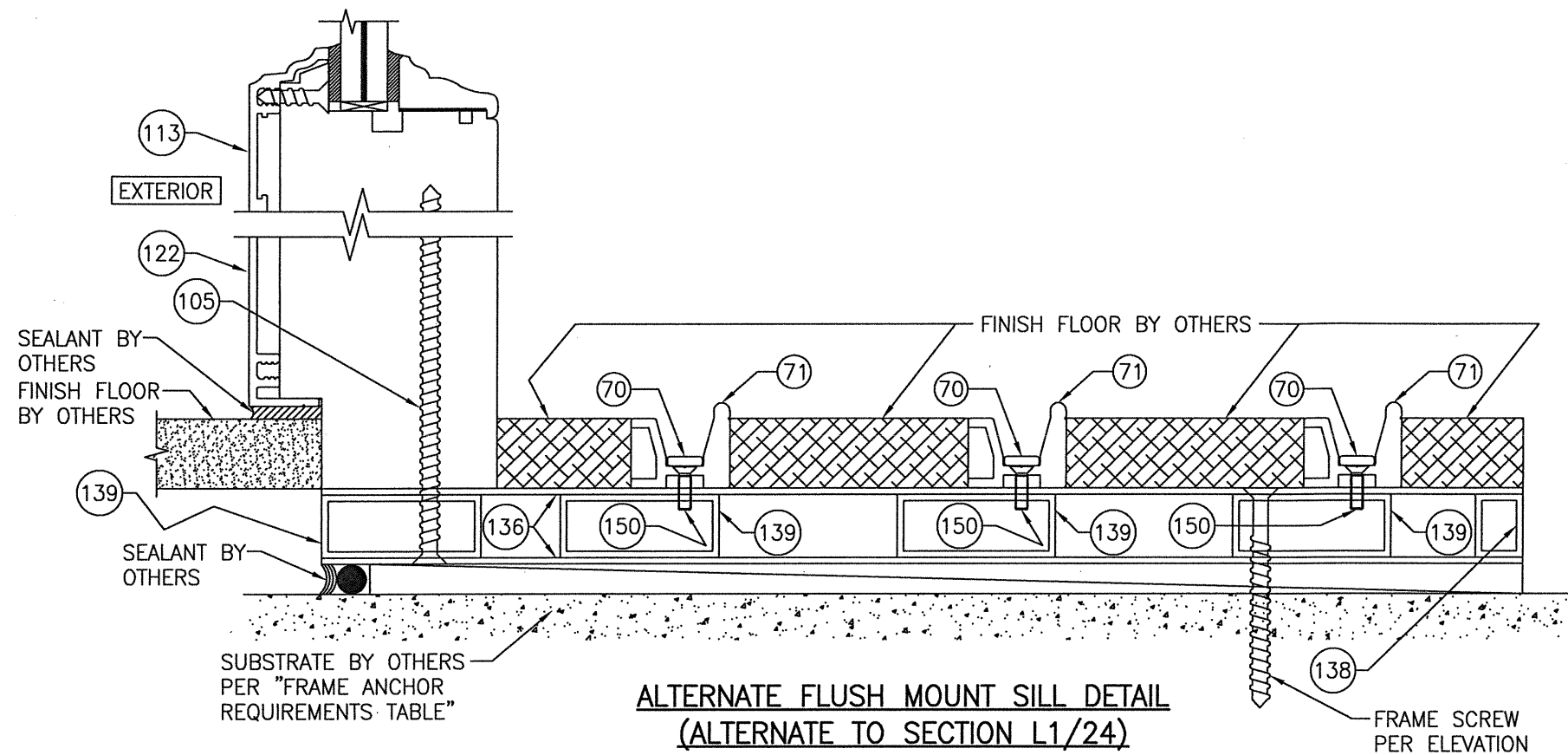
(FOR INSTALLATION NOT SHOWN, SEE ALTERNATE SECTION J1 ON SHEET 29)



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)

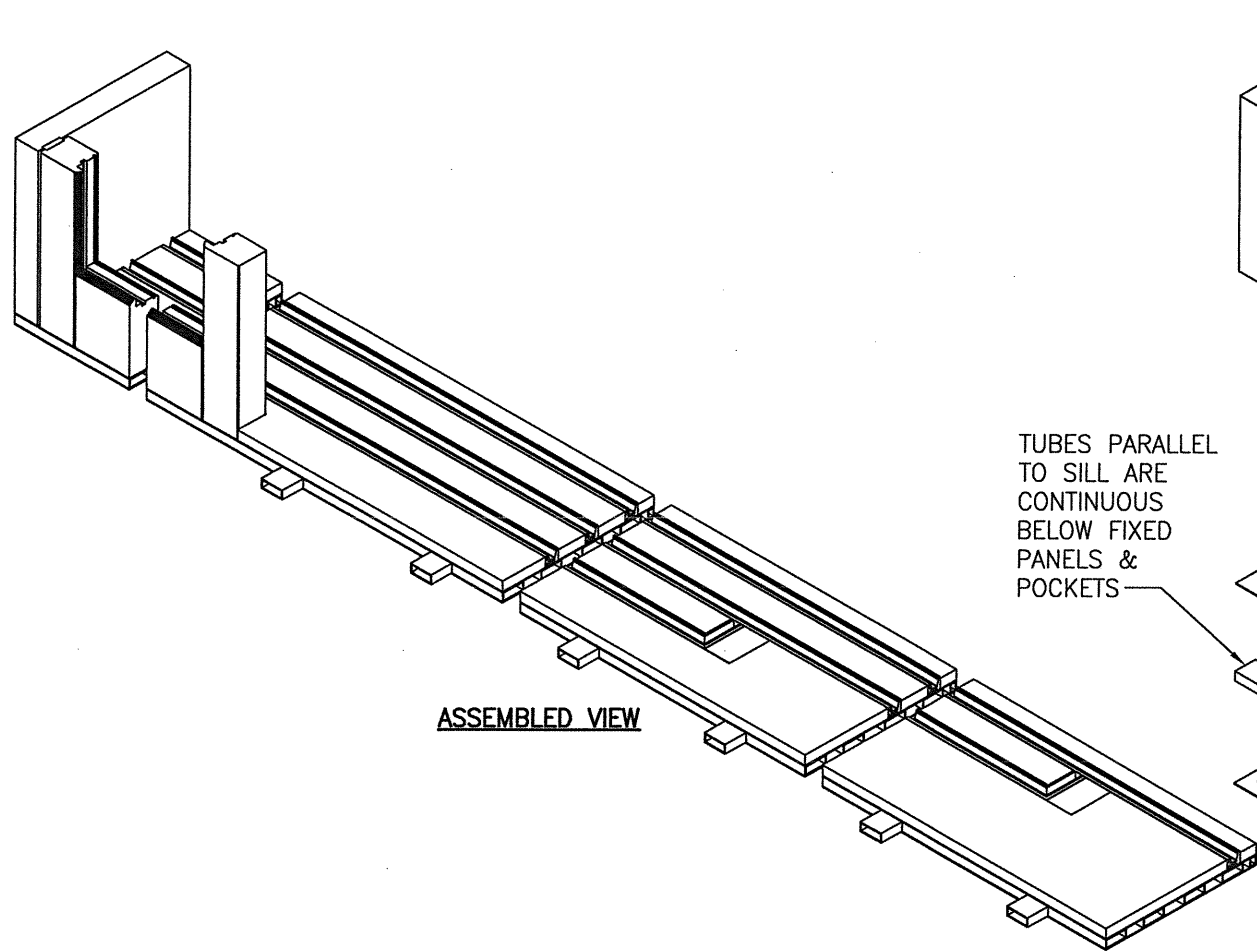
[illegible]



ALL 90 DEGREE HEAD CORNERS:

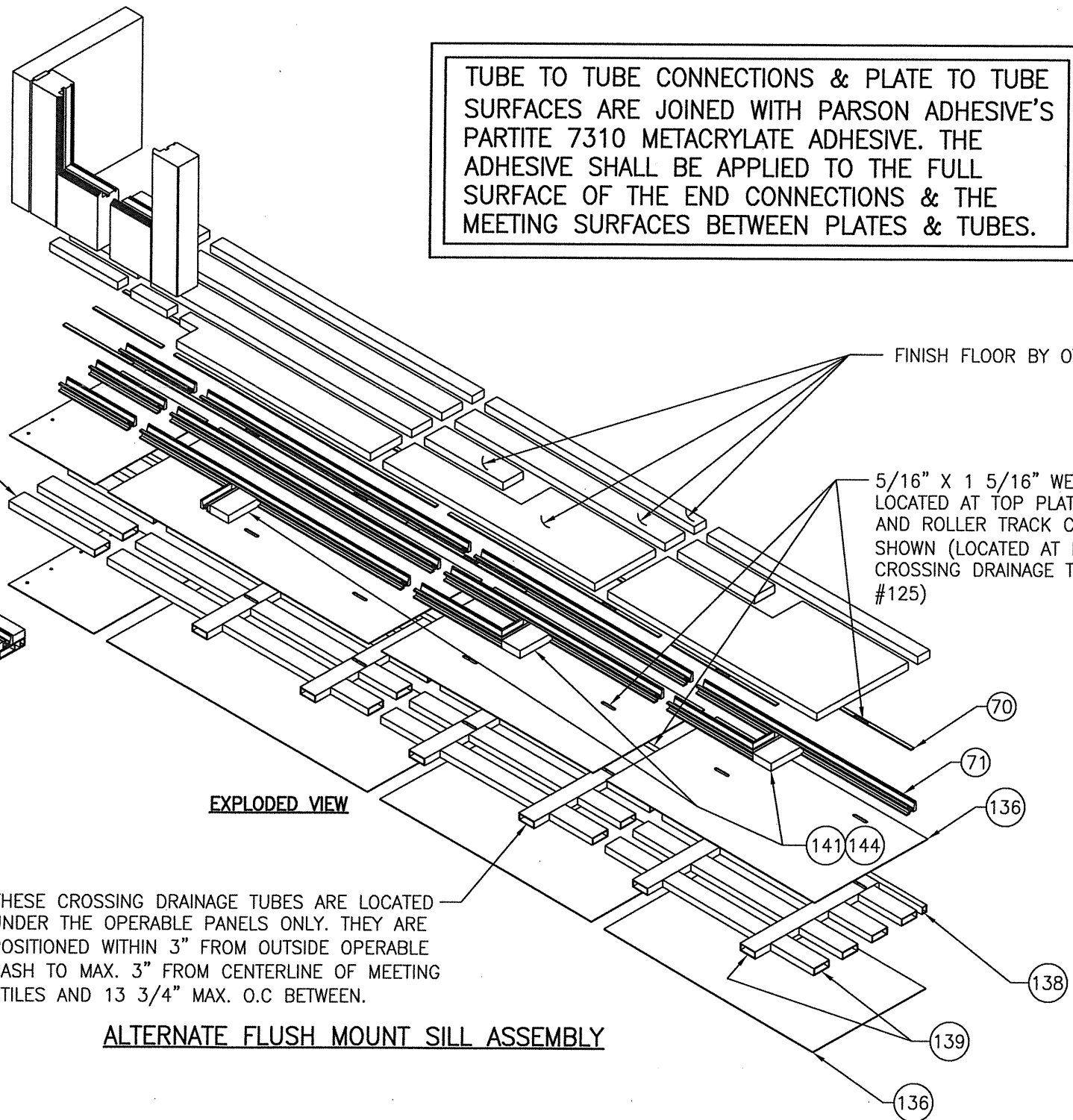
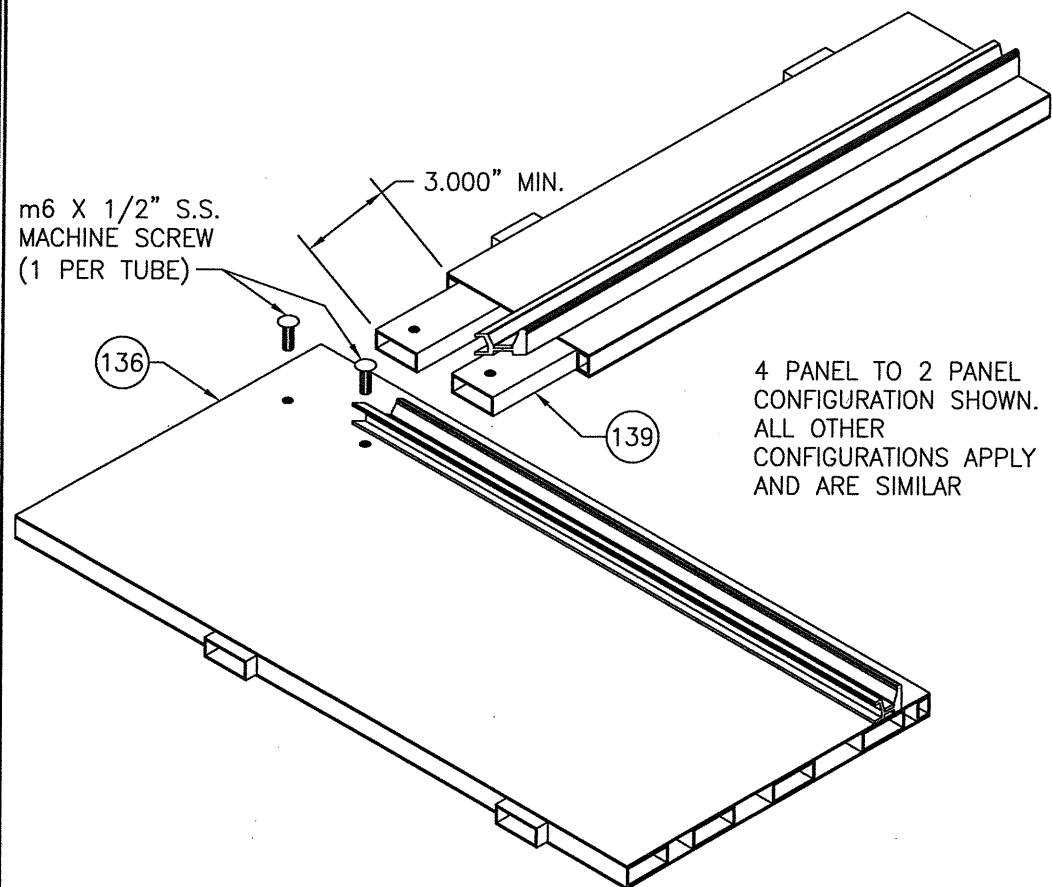
CORNERS ARE JOINED WITH (2)
1" X 3 1/8" X 3/16" ALUMINUM PLATES, A m6 X 7 1/2"
LONG THREADED ROD AND 2 m6 NUTS. ALL WOOD MEMBER
CORNER SURFACES ARE GLUED/SEALED WITH BINDAN D4.

DRAWING NO. 1632	REV. D	SHEET NO. 31 OF 38	CERTIFICATION STATE OF <u>FLORIDA</u> JUN 02 2020 WARREN W. SCHAEFER P.E. P.E. NO. 44135	DRAWING TITLE LIFT & SLIDE BRONZE CLAD 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



TUBES PARALLEL TO SILL ARE CONTINUOUS BELOW FIXED PANELS & POCKETS

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.

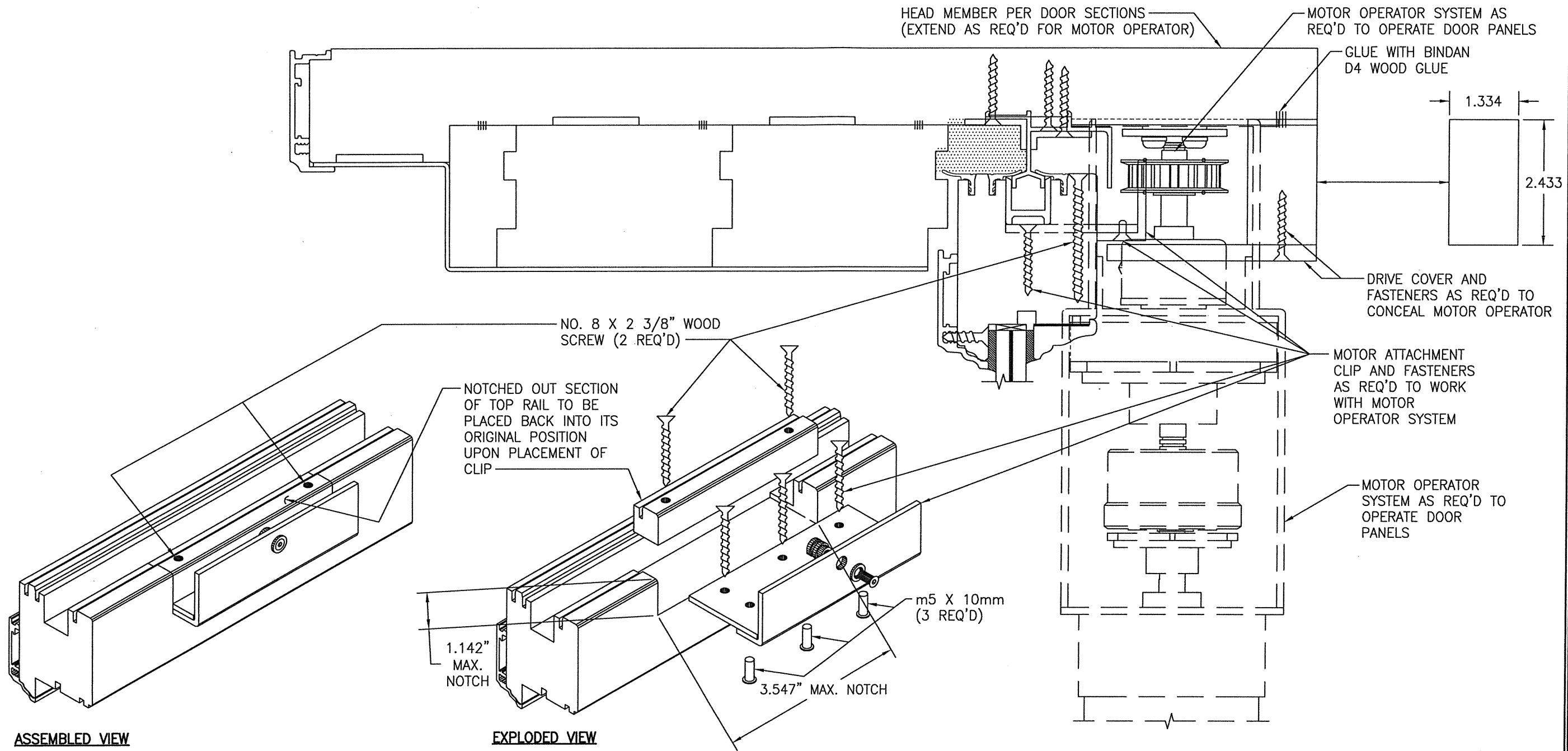
FINISH FLOOR BY OTHERS

5/16" X 1 5/16" WEEP SLOTS LOCATED AT TOP PLATE, TUBING AND ROLLER TRACK COVER AS SHOWN (LOCATED AT EACH CROSSING DRAINAGE TUBES ITEM #125)

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: W.R.M.		CHECKED BY: W.W.S.	
PLOT: 1=2		DATE: 04/04/09	
NO.	REVISION DESCRIPTION	BY	DATE
DRAWING TITLE LIFT & SLIDE BRONZE CLAD 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 I, WARREN W. SCHAEFER, P.E., LICENSE NO. 44135, DO HEREBY CERTIFY THAT I AM THE DESIGNER OF THE ABOVE WORK. JUN 18 2020			
DRAWING NO. 1632		REV. D	
SHEET NO. 32		OF 38	

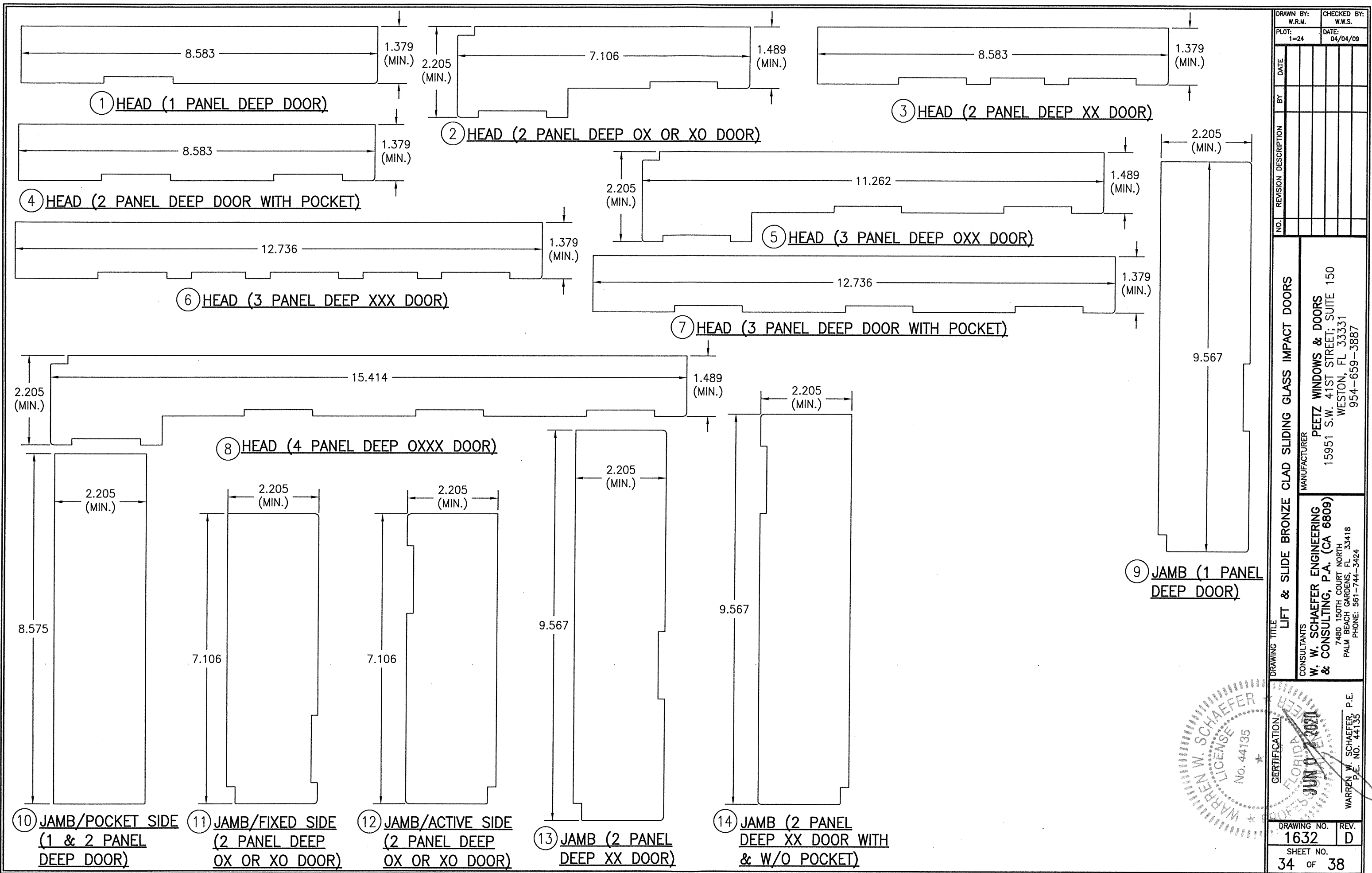


OPTIONAL MOTOR OPERATOR DETAIL

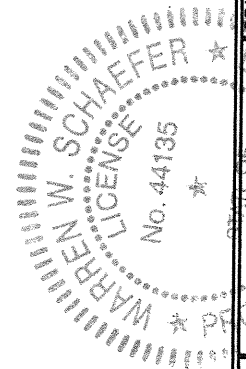
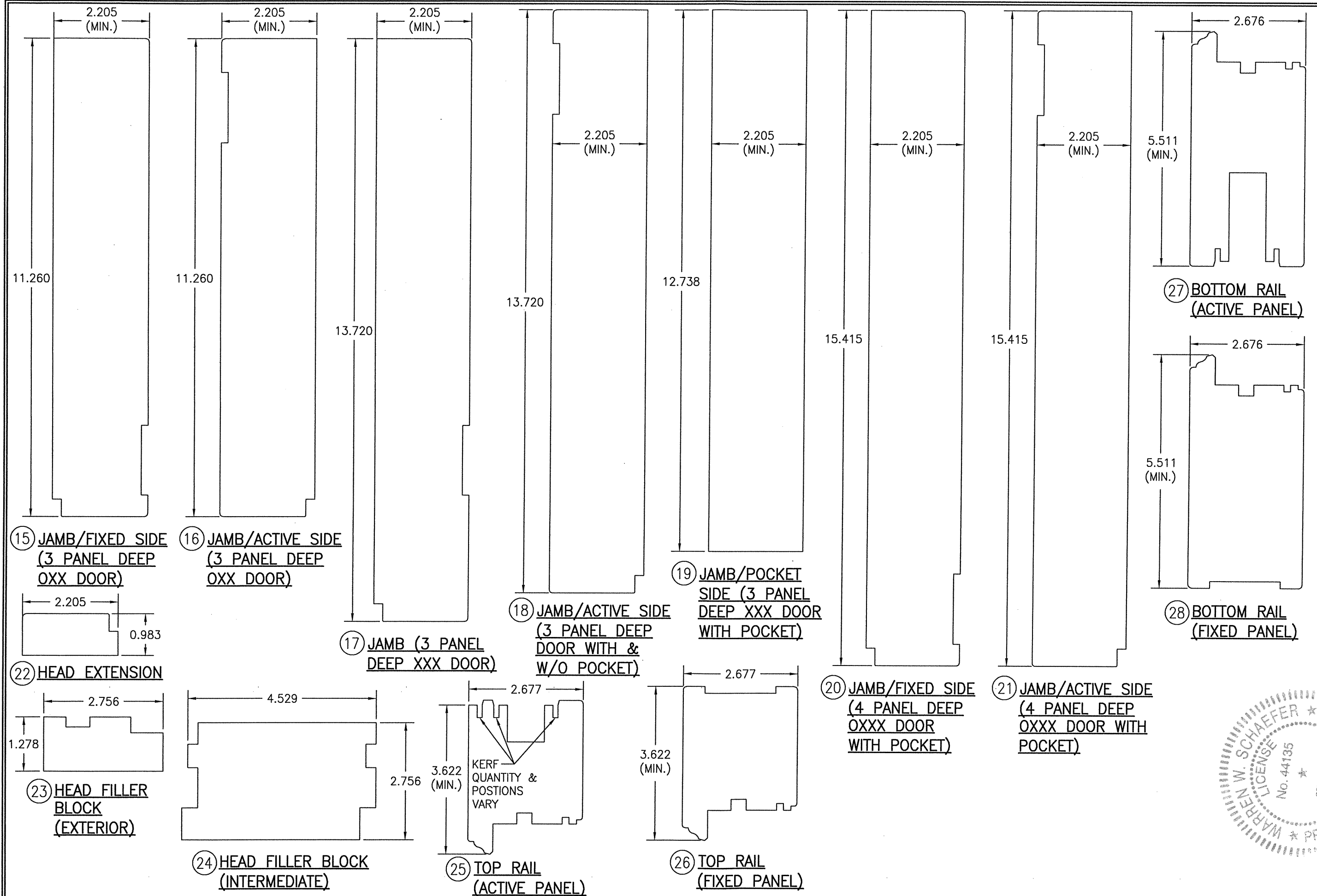
WITH USE OF MOTOR OPERATOR SYSTEM, THERE SHALL BE NO MODIFICATIONS TO THE DOOR FRAME OR DOOR PANEL OTHER THAN THOSE SHOWN HERE-IN.

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

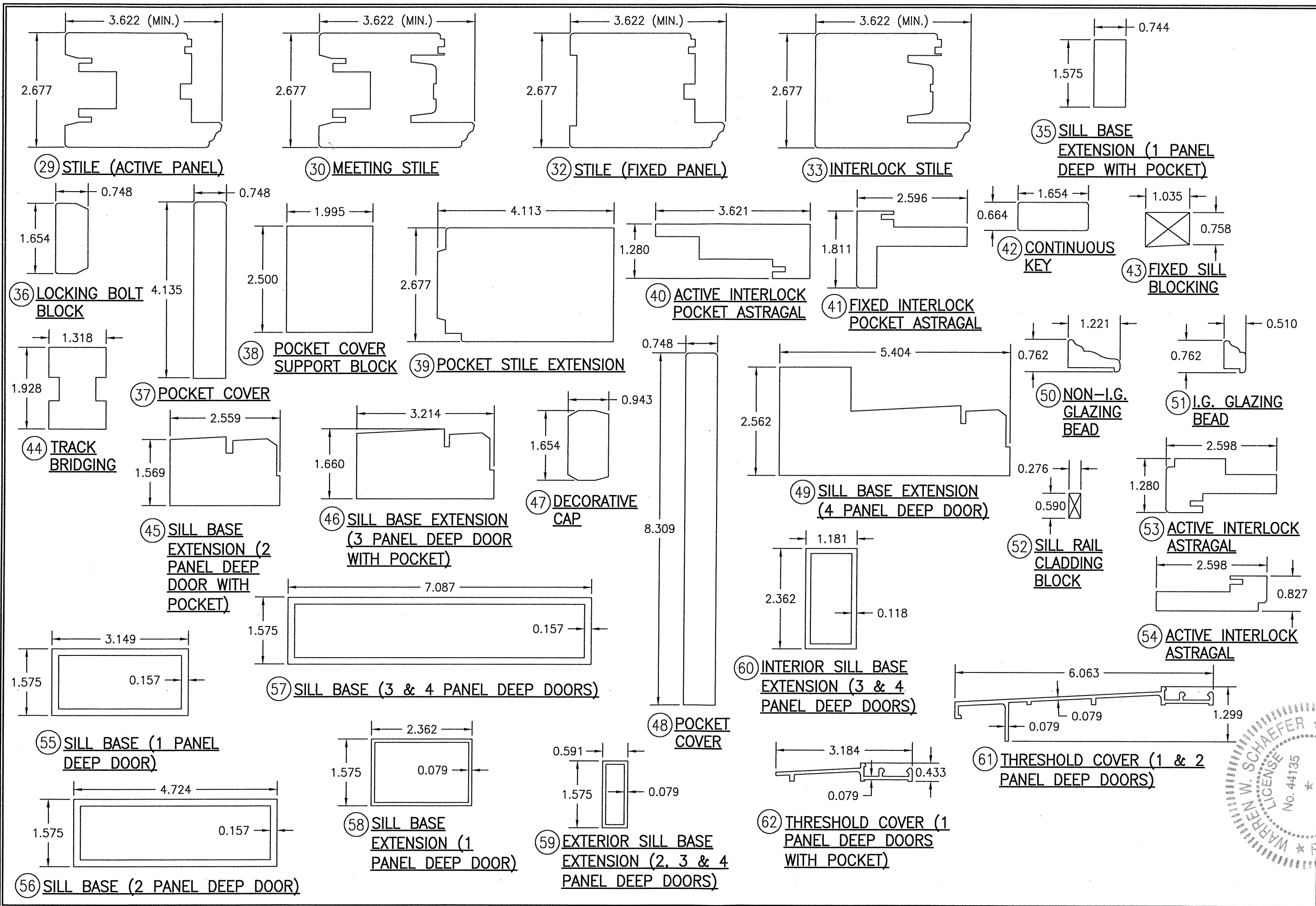
DRAWN BY: W.R.M.		CHECKED BY: W.W.S.	
PLOT: 1=2		DATE: 04/04/09	
NO.	REVISION	DESCRIPTION	DATE
1			
DRAWING TITLE LIFT & SLIDE BRONZE CLAD SLIDING GLASS IMPACT DOORS			
CONSULTANTS W. W. SCHAEFER ENGINEERING & CONSULTING, P.A. (CA 6809)		MANUFACTURER PEETZ WINDOWS & DOORS 15951 S.W. 41ST STREET, SUITE 150 WESTON, FL 33331 954-659-3887	
7480 150TH COURT NORTH PALM BEACH GARDENS, FL 33418 PHONE: 561-744-3424		P.E. NO. 44135	
CERTIFICATION W. W. SCHAEFER P.E. NO. 44135		JUN 02 2020	
DRAWING NO. 1632		REV. D	
SHEET NO. 33		OF 38	



DRAWN BY: W.R.M.		CHECKED BY: W.W.S.	
PLOT: 1=24		DATE: 04/04/09	
NO.	REVISION DESCRIPTION	BY	DATE
DRAWING TITLE: LIFT & SLIDE BRONZE CLAD 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, P.E. NO. 44135		JUN 02 2020	
DRAWING NO. 1632		REV. D	
SHEET NO. 34 OF 38			



DRAWN BY: W.R.M.		CHECKED BY: W.W.S.	
PLOT: 1=24		DATE: 04/04/09	
NO.	REVISION DESCRIPTION	BY	DATE
DRAWING TITLE: LIFT & SLIDE BRONZE CLAD 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		15951 S.W. 41ST STREET, SUITE 150, WESTON, FL 33331	
PHONE: 561-744-3424		954-659-3887	
CERTIFICATION: JUN 02 2020		WARREN W. SCHAEFER, P.E.	
DRAWING NO. 1632		REV. D	
SHEET NO. 35		OF 38	



DRAWN BY: W.R.M.		CHECKED BY: W.W.S.		
PLOT: 1=24		DATE: 04/04/09		
NO.	REVISION	DESCRIPTION	BY	DATE
DRAWING TITLE LIFT & SLIDE BRONZE CLAD 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				
CERTIFICATION JUN 12 2020 WARREN W. SCHAEFER, P.E. P.E. NO. 44135				
DRAWING NO. 1632		REV. D		
SHEET NO. 36 OF 38				

ITEM #	ITEM DESCRIPTION	MANUFACTURER/NOTES
WOOD & MISCELLANEOUS 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 XXX DOOR WITH 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	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	SILL RAIL CLADDING BLOCK	MAHOGANY
53	ACTIVE INTERLOCK ASTRAGAL	MAHOGANY
54	ACTIVE INTERLOCK ASTRAGAL	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
WOOD & MISCELLANEOUS 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.
69	CORNER STILE	MAHOGANY
HARDWARE		
70	BRASS ROLLER TRACK COVER	OTTO FUCHS #608410 (USE WITH ITEM #78)
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 #255UH 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		
86	SEALING BRIDGE	PEETZ (SCREWED TO FRAME W/#6X7/8 SMS)
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
FASTENERS		
96	NO. 8 X 1 3/4" WOOD SCREW	WITHIN 6" OF ENDS & 24" MAX. O.C.
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	NO. 6 X 5/8" WOOD SCREW	WITHIN 4 OF CORNERS & 20" MAX. O.C.
108	NO. 12 X 7/8" SELF TAPPING SCREW	WITHIN 4 OF CORNERS & 14" MAX. O.C.
109	3/16" X 1 9/16 SELF TAP/DRILLING SCREW	2 PER TRACK CONNECTOR
110	NO. 8 X 2 3/4" S.S. SMS SCREW	WITHIN 4" OF CORNERS & 12" MAX. O.C.
111	m4 X 1 3/8" MACHINE SCREW & NUT	WITHIN 4" OF CORNERS & 12" MAX. O.C.

ITEM #	ITEM DESCRIPTION	MANUFACTURER/NOTES
CLAD PARTS		
112	SILL BASE (1 PANEL DEEP DOOR)	BRONZE OR 6063-T5 ALUMINUM
113	SILL BASE (2 PANEL DEEP DOOR)	BRONZE OR 6063-T5 ALUMINUM
114	SILL BASE (3 & 4 PANEL DEEP DOORS)	BRONZE OR 6063-T5 ALUMINUM
115	SILL BASE EXTENSION (1 PANEL DEEP DOOR)	BRONZE OR 6063-T5 ALUMINUM
116	SILL BASE (1 PANEL DEEP DOOR)	BRONZE OR 6063-T5 ALUMINUM
117	SILL BASE (2 PANEL DEEP DOOR)	BRONZE OR 6063-T5 ALUMINUM
118	SILL BASE (3 & 4 PANEL DEEP DOORS)	BRONZE OR 6063-T5 ALUMINUM
119	SILL BASE EXTENSION (1 PANEL DEEP DOOR)	BRONZE OR 6063-T5 ALUMINUM
120	SILL BASE EXTENSION (1 PANEL DEEP DOOR)	BRONZE OR 6063-T5 ALUMINUM
121	CORNER STILE SKIN CLADDING	BRONZE OR 6063-T5 ALUMINUM
122	BOTTOM RAIL CLADDING	BRONZE OR 6063-T5 ALUMINUM
ALTERNATE FLUSH MOUNT SILL PARTS		
130	BOTTOM RAIL (FIXED PANEL)	MAHOGANY
131	BOTTOM RAIL (ACTIVE PANEL)	MAHOGANY
136	0.09375" THICK PLATE	6060-T66 ALUMINUM
138	INTERIOR AND EXTERIOR TUBE	6060-T66 ALUMINUM
139	INTERMEDIATE TUBE	6060-T66 ALUMINUM
140	SILL LOCK BOLT (2 PER ACTIVE PANEL)	6060-T66 ALUMINUM
141	SADDLE BASE (SCREWED TO SILL WITH 1 m5 X 30 mm SCREW)	BRONZE
144	SADDLE COVER (AFFIXED TO ITEM #131 WITH SIKASIL 184 N-PLUS SILICONE SEALANT BY SIKI)	BRONZE
ALTERNATE FLUSH MOUNT SILL FASTENERS		
150	m5 X 15 SCREWS	WITHIN 2" OF ENDS & 12" MAX. O.C.
151	NO. 12 X 4" S.S. SMS SCREW	WITHIN 4" OF CORNERS & 6" MAX. O.C.

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: W.R.M.		CHECKED BY: W.W.S.	
PLOT: 1=24		DATE: 04/04/09	
DATE	BY	REVISION DESCRIPTION	NO.
DRAWING TITLE LIFT & SLIDE BRONZE CLAD 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 PROFESSIONAL ENGINEER WARREN W. SCHAEFER, P.E. No. 44135 DATE: JUN 02 2020	
DRAWING NO. 1632		REV. D	
SHEET NO. 38		OF 38	