

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.

FRAME ANCHOR REQUIREMENTS TABLE				
OPENING TYPE (SUBSTRATE)	FRAME/CLIP TO OPENING FASTENER TYPE	MINIMUM EMBED	MINIMUM EDGE DIST.	
FRAME/SILL SCREWS				
(3) MIN. 2X6 WOOD FRAME OR BUCK (MIN. GR. 3 & G=0.55)	NO. 10 SMS OR WOOD SCREW	1 1/4"	3/4"	
MIN. 18 GA. 33 KSI METAL STUD	NO. 10 GR. 5 SELF TAP/DRILL SCREW	FULL	1/2"	
MIN. 1/8" THK A36 STEEL	NO. 10 GR. 5 SELF TAP/DRILL SCREW	FULL	1/2"	
MIN. 1/8" THK 6063-T5 ALUM.	NO. 10 GR. 5 SELF TAP/DRILL SCREW	FULL	1/2"	
(2) MIN. C-90 CMU	(1) 1/4" CONCRETE SCREW	1 1/4"	2"	
MIN. 2500 PSI CONCRETE	(1) 1/4" CONCRETE SCREW	1 1/2"	2"	
HINGE SCREWS				
(3) MIN. 2X6 WOOD FRAME OR BUCK (MIN. GR. 3 & G=0.55)	NO. 12 SMS OR WOOD SCREW	1 1/4"	3/4"	
MIN. 18 GA. 33 KSI METAL STUD	NO. 12 GR. 5 SELF TAP/DRILL SCREW	FULL	1/2"	
MIN. 1/8" THK A36 STEEL	NO. 12 GR. 5 SELF TAP/DRILL SCREW	FULL	1/2"	
MIN. 1/8" THK 6063-T5 ALUM.	NO. 12 GR. 5 SELF TAP/DRILL SCREW	FULL	1/2"	
MIN. C-90 CMU OR 2500 PSI CONCRETE	(1) 1/4" CONCRETE SCREW	1 1/4"	2"	
STRIKE SCREWS				
(3) MIN. 2X6 WOOD FRAME OR BUCK (MIN. GR. 3 & G=0.55)	NO. 8 SMS OR WOOD SCREW	1 1/4"	3/4"	
MIN. 18 GA. 33 KSI METAL STUD	NO. 8 GR. 5 SELF TAP/DRILL SCREW	FULL	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"	
(2) MIN. C-90 CMU	(1) 3/16" CONCRETE SCREW	1 1/4"	2"	
MIN. 2500 PSI CONCRETE	(1) 3/16" CONCRETE SCREW	1 1/2"	2"	
INSTALLATION CLIP SCREWS				
MIN. 2X6 WOOD FRAME OR BUCK (MIN. GR. 3 & G=0.55)	NO. 8 SMS SCREW	1 3/8"	3/4"	
MIN. 18 GA. 33 KSI METAL STUD	NO. 8 GR. 5 SELF TAP/DRILL SCREW	FULL	1/2"	
MIN. 1/8" THK A36 STEEL	NO. 8 GR. 5 SELF TAP/DRILL SCREW	FULL	1/2"	
MIN. 1/8" THK 6063-T5 ALUM.	NO. 8 GR. 5 SELF TAP/DRILL SCREW	FULL	1/2"	
(1) CONCRETE SCREWS SHALL BE ELCO ULTRACONS, ELCO CRETE-FLEX, ITW RAMSET/RED HEAD TAPCONS OR HILTI KWIK-CON II (HARDENED STEEL OR S.S.).				
(2) CMU IS APPLICABLE AT SIDES ONLY.				
(3) 2X6 BUCKS MAY BE RIPPED DOWN TO MIN. 4 1/2" DEPTH EXCEPT WHEN THE INSTALLATION CLIP CONDITION APPLIES.				

ALLOWABLE DESIGN PRESSURE (DOUBLE OPERABLE DOORS)			
MAXIMUM FRAME HEIGHT (IN.)	MAXIMUM FRAME WIDTH (IN.)	DESIGN PRESSURE	
		POSITIVE (PSF)	NEGATIVE (PSF)
119.5	75	50.0	50.0
	71.25	52.6	52.6
	66.25	55.0	56.6
	59.25	55.0	63.3
	50	55.0	75.0
107.5	75	55.0	55.6
	71.25	55.0	58.5
	66.25	55.0	62.9
	59.25	55.0	70.4
	50	55.0	83.4
95.5	75	70.0	70.0
	71.25	70.0	73.7
	66.25	70.0	79.2
	59.25	70.0	85.0
86.0	75	70.0	77.7
	71.25	70.0	81.8
	66.25	70.0	85.0
81.5	75	70.0	85.0

NOTE: SEE GLASS OPTION 2 GLASS VS. PRESSURE RESTRICTION WITH I.G. GLAZING
DETAIL ON SHEET 5.

ALLOWABLE DESIGN PRESSURE (SINGLE OPERABLE DOORS)			
MAXIMUM FRAME HEIGHT (IN.)	MAXIMUM FRAME WIDTH (IN.)	DESIGN PRESSURE	
		POSITIVE (PSF)	NEGATIVE (PSF)
119.5	37.875	50.0	50.0
	36	52.6	52.6
	33.5	55.0	56.5
	30	55.0	63.1
	25.375	55.0	74.6
107.5	37.875	55.0	55.6
	36	55.0	58.5
	33.5	55.0	62.8
	30	55.0	70.2
	25.375	55.0	83.0
95.5	37.875	70.0	70.0
	36	70.0	73.6
	33.5	70.0	79.1
	30	70.0	85.0
86.0	37.875	70.0	77.7
	36	70.0	81.8
	33.5	70.0	85.0
81.5	37.875	70.0	85.0

NOTE: SEE GLASS OPTION 2 GLASS VS. PRESSURE RESTRICTION WITH I.G. GLAZING DETAIL ON SHEET 5.

HINGE REQUIREMENTS	
MAX. FRAME HEIGHT	QUANTITY PER PANEL
119.5"	6
107.875"	5
99.375"	4
83.875"	3
HINGES ARE APPROX. 9.5" FROM HINGE CENTER TO THE TOP & BOTTOM OF THE DOOR FRAME & EQUALLY SPACED BETWEEN.	

WOOD JAMBS: SIDE JAMBS ARE COPED & BUTTED TO HEAD & SILL AND SECURED WITH 2 NO. 8 X 3" WOOD SCREWS AT EACH HEAD CORNER AND 3 NO. 8 X 3" WOOD SCREWS AT EACH SILL CORNER.

JAMB CLADDING: CLADDING IS MITER CUT & JOINED AT HEAD WITH CORNER KEY & 2 NO. 10 X 17/32" SCREWS PER CORNER & BUTTED AT SILL AND JOINED WITH 2 NO. 10 X 3/4" SCREWS PER CORNER.

PANEL: RAILS ARE BUTTED TO STILES & JOINED WITH 2 NO. 12 X 4" SCREWS AT TOP RAIL & 3 NO. 12 X 4" SCREWS AT BOTTOM RAIL ON THE HINGE SIDE. ON THE LOCK SIDE, NO. 12 X 6" SCREWS ARE USED

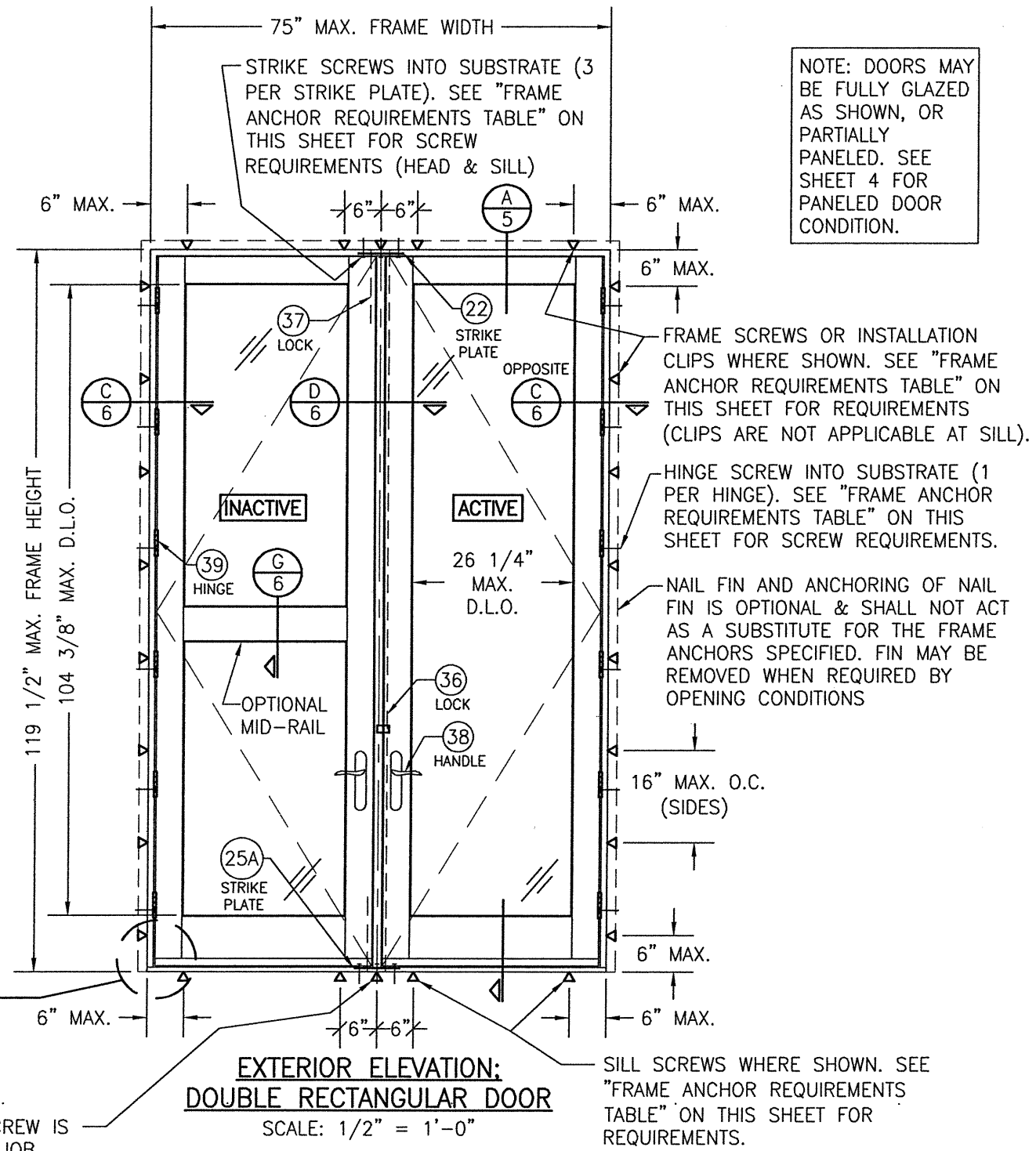
EVALUATION OF THIS PRODUCT IS BASED ON APPLICABLE STANDARDS AND/OR INFORMATION & RESULTS FROM APPLICABLE TEST REPORTS. THE FLORIDA BUILDING CODE VERSION CONSIDERED WITH THIS EVALUATION WAS THAT IN FORCE AT THE TIME OF THE EVALUATION. IN THE EVENT OF CODE VERSION CHANGES/UPDATES OR IN THE EVENT THAT NEW 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.

EDGE DISTANCE MAY
BE DECREASED TO
1/2" IF SCREWS ARE
ANGLED 15 TO 20
DEGREES AWAY FROM
THE EDGE.

ANCHOR/SUBSTRATE EVALUATION NOTE:
ALL ANCHORS IN THEIR SPECIFIED SUBSTRATES HAVE BEEN ANALYZED IN ACCORDANCE WITH THEIR APPLICABLE STANDARD(S) AND ARE FOUND TO BE CAPABLE OF SUPPORTING ALL LOADS IMPOSED ON THEM UNDER THE GUIDELINES OF THIS DOCUMENT. ANY SUBSTRATES OR CONDITIONS OUTSIDE OF WHAT IS SHOWN HERE-IN SHALL BE SUBJECT TO JOB SPECIFIC ENGINEER'S REVIEW & CERTIFICATION.

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 NATIONAL AND/OR LOCAL APPROVAL OF ANY PRODUCT NOT PRODUCED BY THE MANUFACTURER STATED ON THESE DRAWINGS.

DRAWING NO. 1729	REV. B	SHEET NO. 1 OF 10	CERTIFICATION 	DRAWING TITLE PELLA ARCHITECT OUT-SWING ALUMINUM CLAD WOOD DOORS	DRAWN BY: W.W.S. CHECKED BY: W.W.S.	PLOT: 1=24 DATE: 12/13/10	NO.	REVISION DESCRIPTION	BY	DATE
							A1	UPDATE TO STATE APPROVAL	W.W.S.	09/23/15
				B1	UPDATE TO NEW TESTING	W.W.S.	06/02/21			
CONSULTANTS W. W. SCHAEFER ENGINEERING & CONSULTING, P.A. (CA 6809) 7480 150TH COURT NORTH PALM BEACH GARDENS, FL 33418 PHONE: 561-744-3424				MANUFACTURER  PELLA CORPORATION 102 MAIN STREET PELLA, IA 50219 641-621-1000						



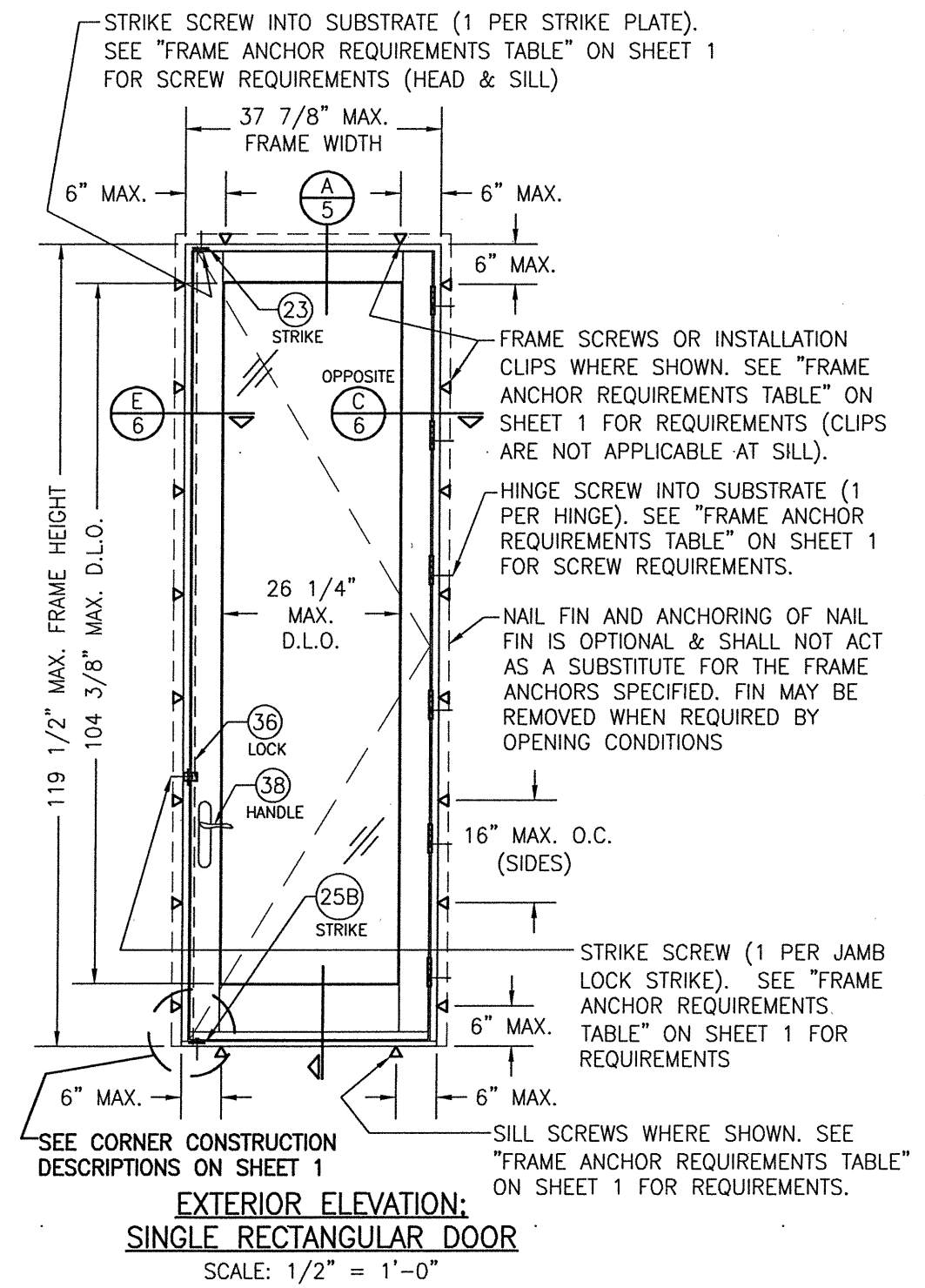
SEE CORNER CONSTRUCTION DESCRIPTIONS ON SHEET 1

CENTER FRAME/SILL SCREW IS ONLY REQUIRED WHEN JOB REQUIRED DESIGN PRESSURE IS GREATER THAN +/-50 PSF (TYP. HEAD & SILL)

**EXTERIOR ELEVATION:
DOUBLE RECTANGULAR DOOR**
SCALE: 1/2" = 1'-0"

**ALLOWABLE DESIGN PRESSURE
(DOUBLE OPERABLE DOOR)**
SEE SHEET 1

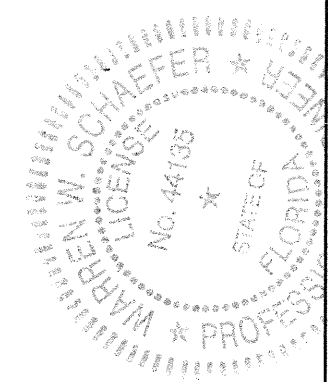
INSTALLATION NOTE:
WHEN NECESSARY, INSTALLATION METHODS MAY BE MIXED WITH ANY ONE DOOR SUCH THAT INDIVIDUAL SIDES OF THE DOOR MAY USE ONE OR THE OTHER ANCHOR METHOD (EXAMPLE: LEFT SIDE MAY USE CLIP METHOD WHILE OTHER SIDES USE FRAME SCREWS)



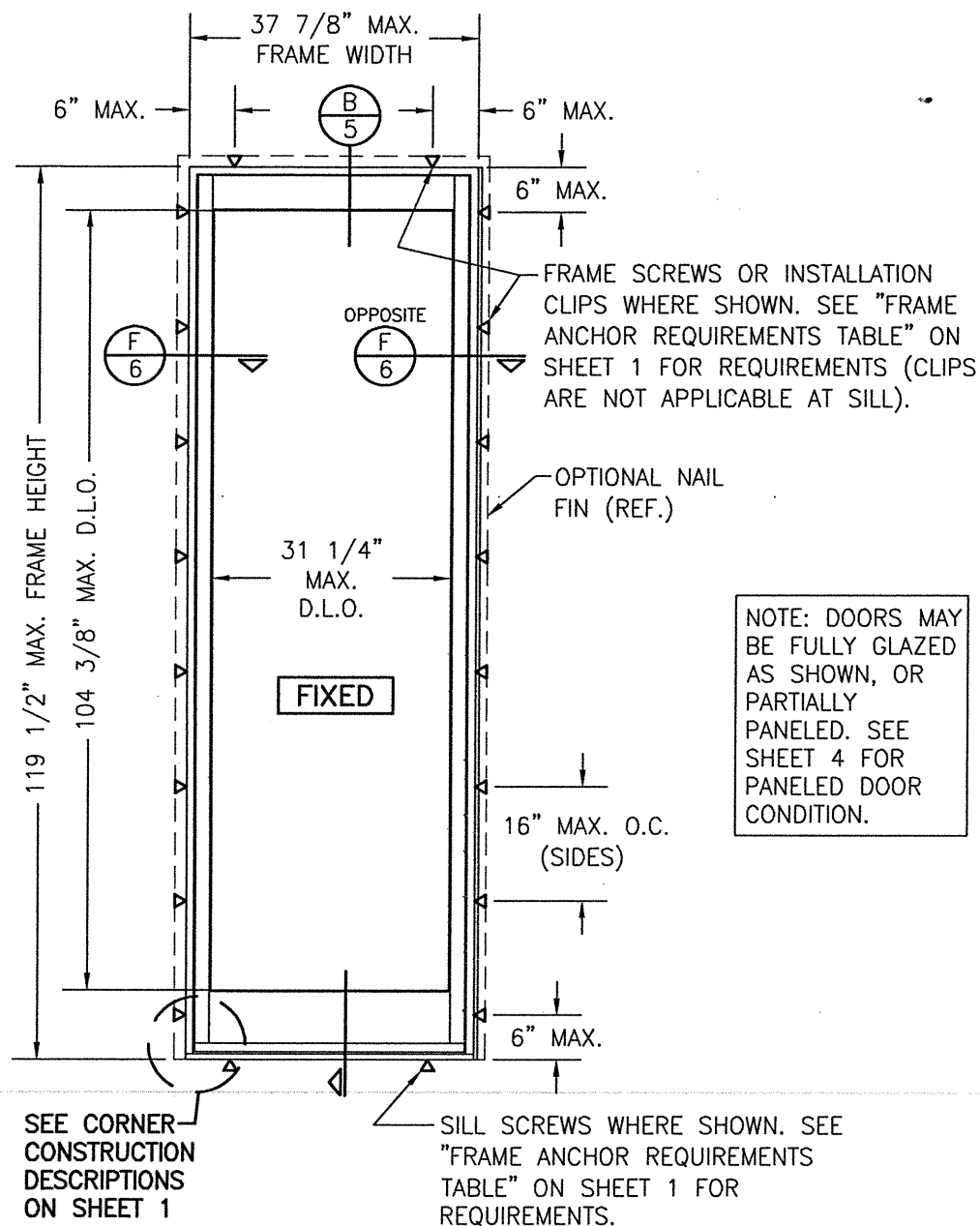
SEE CORNER CONSTRUCTION DESCRIPTIONS ON SHEET 1

**EXTERIOR ELEVATION:
SINGLE RECTANGULAR DOOR**
SCALE: 1/2" = 1'-0"

**ALLOWABLE DESIGN PRESSURE
(SINGLE OPERABLE DOOR)**
SEE SHEET 1



DRAWN BY: W.W.S.		CHECKED BY: W.W.S.	
PLOT: 1=24		DATE: 12/13/10	
DATE	BY	REVISION DESCRIPTION	NO.
DRAWING TITLE: PELLA ARCHITECT OUT-SWING ALUMINUM CLAD WOOD DOORS			
CONSULTANTS: W. W. SCHAEFER ENGINEERING & CONSULTING, P.A. (CA 6809)		MANUFACTURER: PELLA CORPORATION	
7480 150TH COURT NORTH PALM BEACH GARDENS, FL 33418 PHONE: 561-744-3424		102 MAIN STREET PELLA, IA 50219 641-621-1000	
CERTIFICATION: JUN 04 2021		WARREN W. SCHAEFER, P.E. P.E. NO. 44135	
DRAWING NO. 1729		REV. B	
SHEET NO. 2		OF 10	



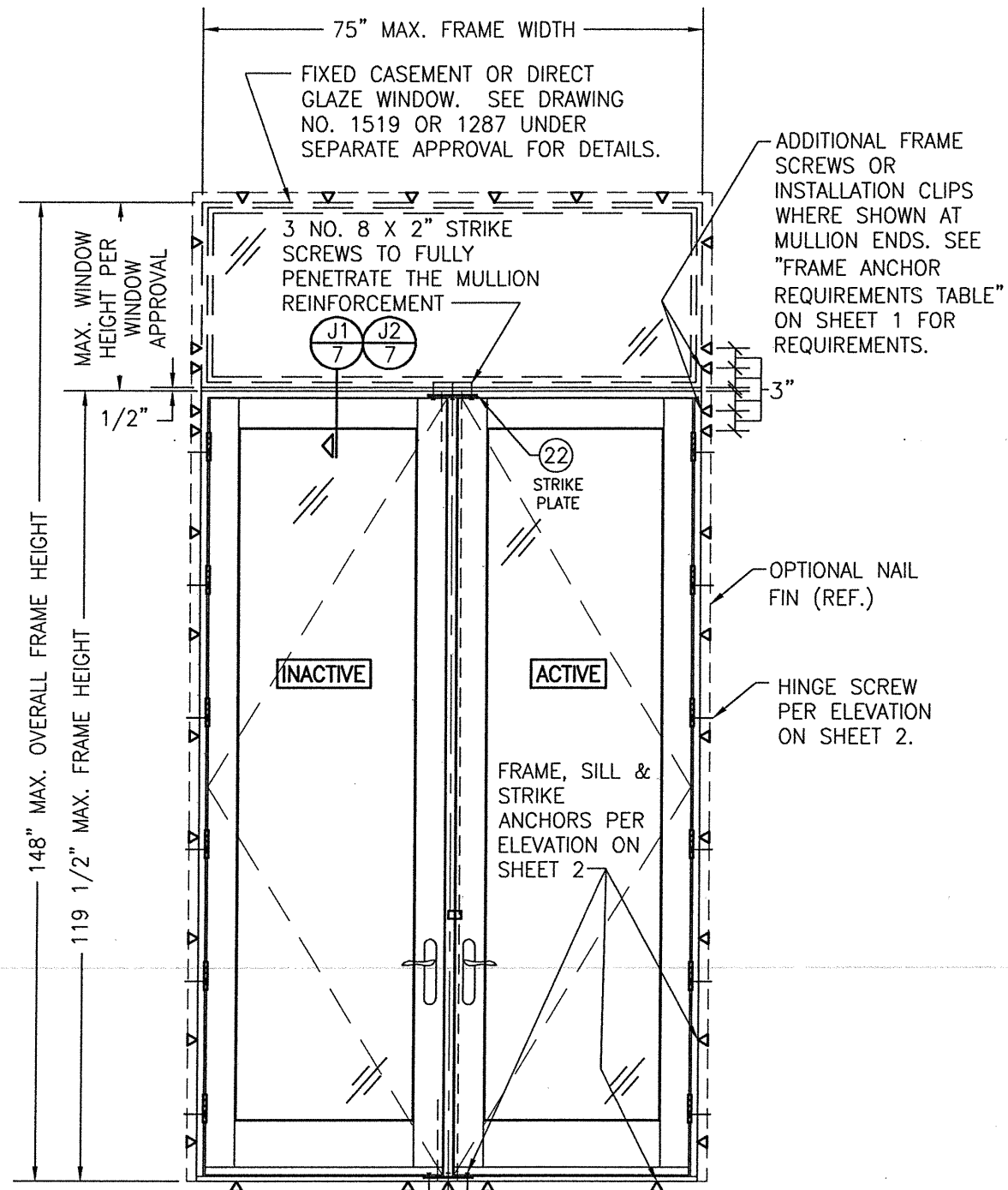
EXTERIOR ELEVATION SINGLE FIXED PANEL

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

ALLOWABLE DESIGN PRESSURE
(FIXED PANEL DOOR)

+70/-85 PSF

NOTE: SEE GLASS OPTION 2 GLASS VS. PRESSURE RESTRICTION WITH I.G. GLAZING DETAIL ON SHEET 5.



EXTERIOR ELEVATION DOUBLE OUTSWING DOOR WITH TRANSOM

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

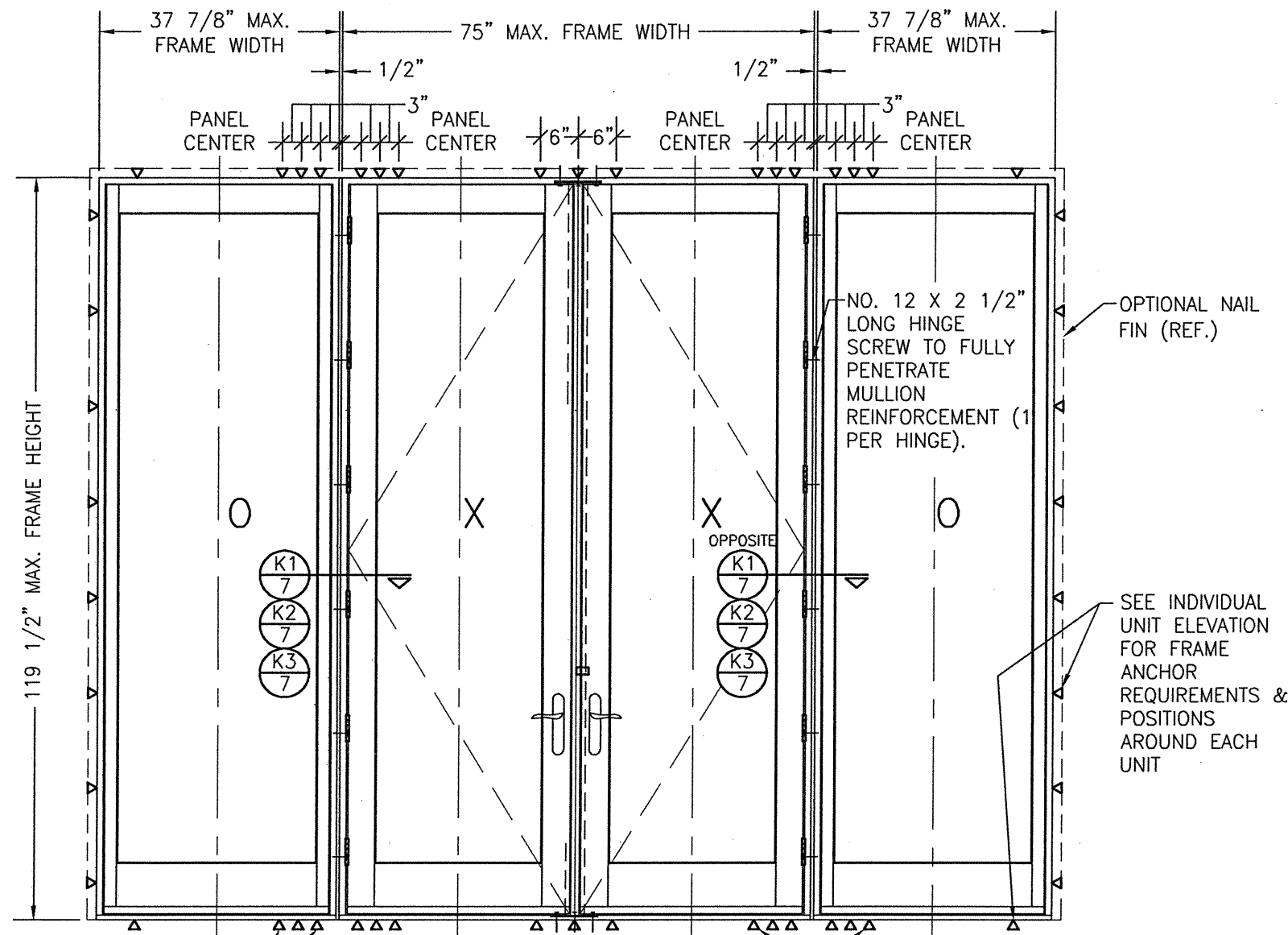
TRANSOM UNIT NOTES:

1. FOR INSTALLATION OF THE DOOR UNIT AND OTHER DETAIL NOT SHOWN, SEE THE INDIVIDUAL UNIT ELEVATIONS.
2. DOUBLE DOOR WITH TRANSOM CONDITION SHOWN. SINGLE SWING DOOR WITH TRANSOM & FIXED PANEL DOOR WITH TRANSOM ALSO APPLY EXCEPT THERE IS NO LIMITATION ON THE OVERALL UNIT HEIGHT EXCEPT AS DICTATED BY THE INDIVIDUAL DOOR AND WINDOW.

ALLOWABLE DESIGN PRESSURE
(TRANSOM MULLED UNIT)

ALLOWABLE PRESSURE SHALL BE AS GOVERNED BY THE INDIVIDUAL DOOR OR WINDOW (NOT TO EXCEED +/-55 PSF)

DRAWN BY: W.W.S.	CHECKED BY: W.W.S.
PLOT: 1=24	DATE: 12/13/10
NO.	REVISION DESCRIPTION
DATE	BY
DRAWING TITLE	PELLA ARCHITECT OUT-SWING ALUMINUM CLAD WOOD DOORS
CONSULTANTS	W. W. SCHAEFER ENGINEERING & CONSULTING, P.A. (CA 6809)
7480 150TH COURT NORTH PALM BEACH GARDENS, FL 33418 PHONE: 561-744-3424	PELLA CORPORATION 102 MAIN STREET PELLA, IA 50219 641-621-1000
CERTIFICATION	WARREN W. SCHAEFER, P.E. P.E. NO. 44135
DRAWING NO.	REV.
1729	B
SHEET NO.	3 OF 10



PLACE 2 ADDITIONAL FRAME ANCHORS EACH SIDE OF MULLION (TYP. AT HEAD & SILL).

THE OUTER MOST ANCHOR EACH SIDE OF THE MULLION IS NOT REQUIRED AT WHEN DISTANCE BETWEEN DOOR PANEL CENTERLINES IS 34" OR LESS OR FRAME HEIGHT IS 108" OR LESS

EXTERIOR ELEVATION: DOUBLE DOORS WITH FIXED PANELS

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

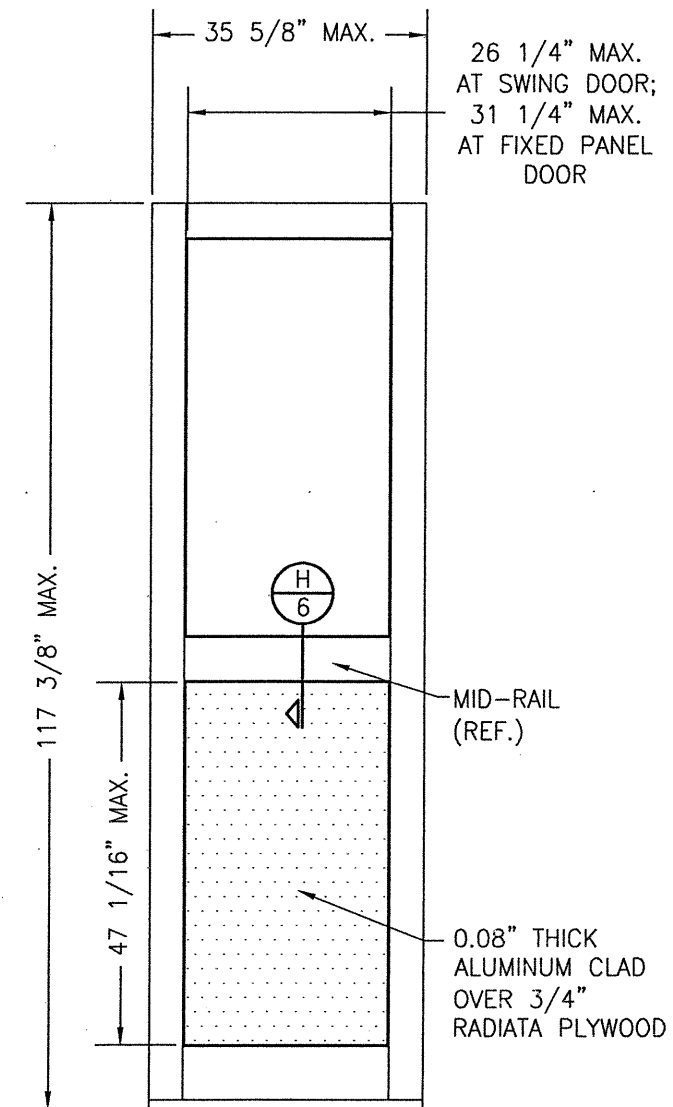
MULTIPLE UNIT NOTES:

1. FOR INSTALLATION AND OTHER DETAIL NOT SHOWN, SEE THE INDIVIDUAL UNIT ELEVATIONS.
2. THERE IS NO LIMIT ON THE NUMBER OF DOORS THAT MAY BE COMBINED IN ONE DIRECTION INTO ONE OPENING PROVIDING THE OPENING IS DESIGNED TO SUPPORT ALL LOADS TRANSFERRED FROM THE DOORS & THEIR MULLIONS.
3. OXOX UNIT IS SHOWN. ALL OTHER FIXED/OPERABLE COMBINATIONS ALSO APPLY WITH THE MULLION CONDITIONS SHOWN.

ALLOWABLE DESIGN PRESSURE
(SIDE-BY-SIDE MULLED UNIT)

+/-50 PSF

THE OUTER MOST ANCHORS ARE NOT REQUIRED AT MULLION ENDS WHEN DISTANCE BETWEEN DOOR PANEL CENTERLINES IS 35" OR LESS OR FRAME HEIGHT IS 109" OR LESS



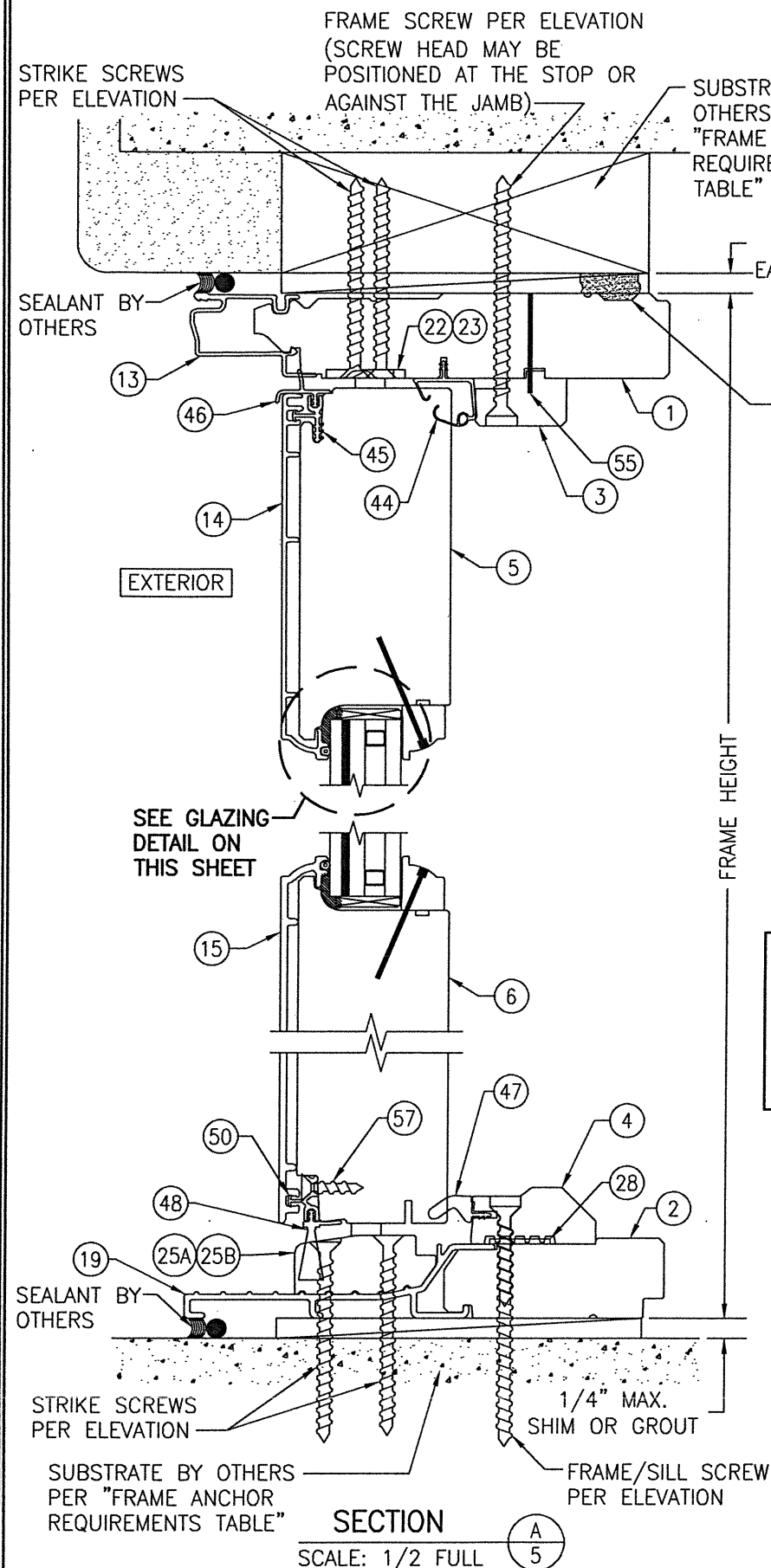
EXTERIOR ELEVATION PARTIAL PANEL WITH STANDARD MID RAIL

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

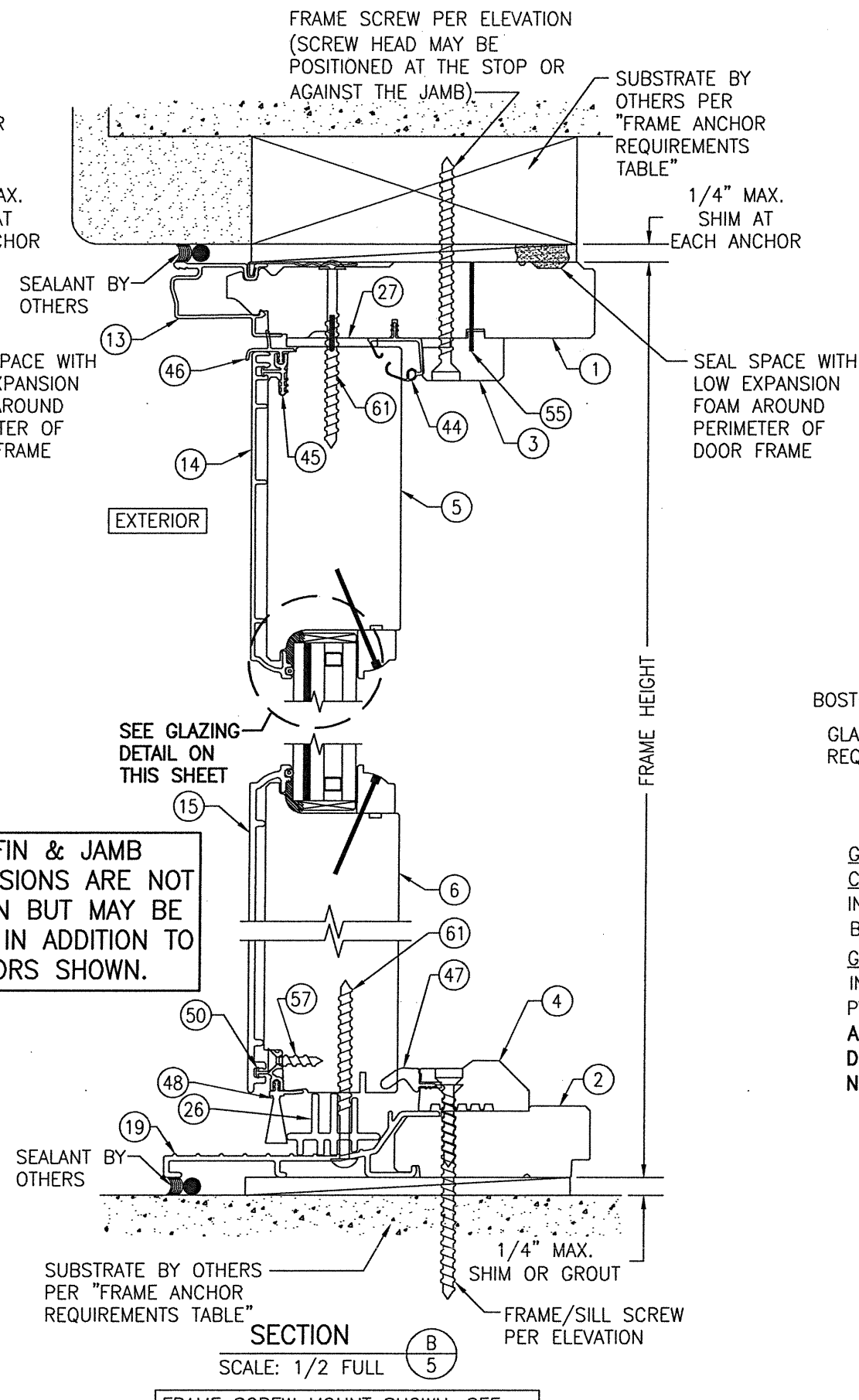
NOTES:

- 1) MULTIPLE MIDRAILS MAY BE USED IN ONE PANEL
- 2) PANEL CONDITION IS APPLICABLE TO BOTH OPERABLE & FIXED PANELS

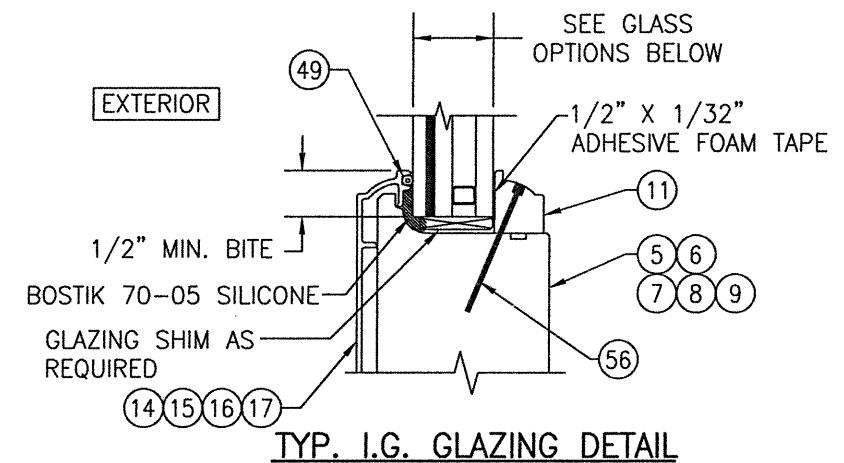
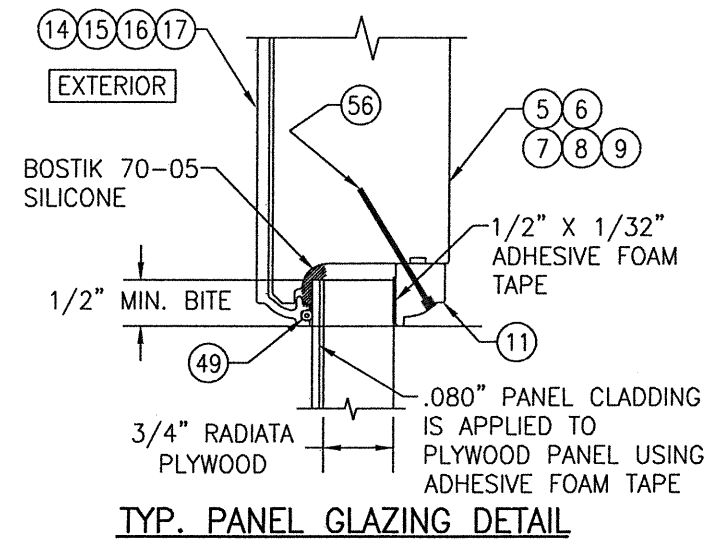
DRAWN BY: W.W.S.	CHECKED BY: W.W.S.
PLOT: 1=24	DATE: 12/13/10
NO.	DATE
BY	BY
REVISION DESCRIPTION	REVISION DESCRIPTION
NO.	NO.
DRAWING TITLE PELLA ARCHITECT OUT-SWING ALUMINUM CLAD WOOD DOORS	
MANUFACTURER PELLA CORPORATION 102 MAIN STREET PELLA, IA 50219 641-621-1000	
CONSULTANTS W. W. SCHAEFER ENGINEERING & CONSULTING, P.A. (CA 6809) 7480 150TH COURT NORTH PALM BEACH GARDENS, FL 33418 PHONE: 561-744-3424	
CERTIFICATION JUN 04 2021 WARREN W. SCHAEFER, P.E. P.E. NO. 44135	
DRAWING NO. 1729	REV. B
SHEET NO. 4	OF 10



FRAME SCREW MOUNT SHOWN. SEE DETAILS ON SHEET 8 FOR DIRECT MOUNT & CLIP MOUNT DETAILS.



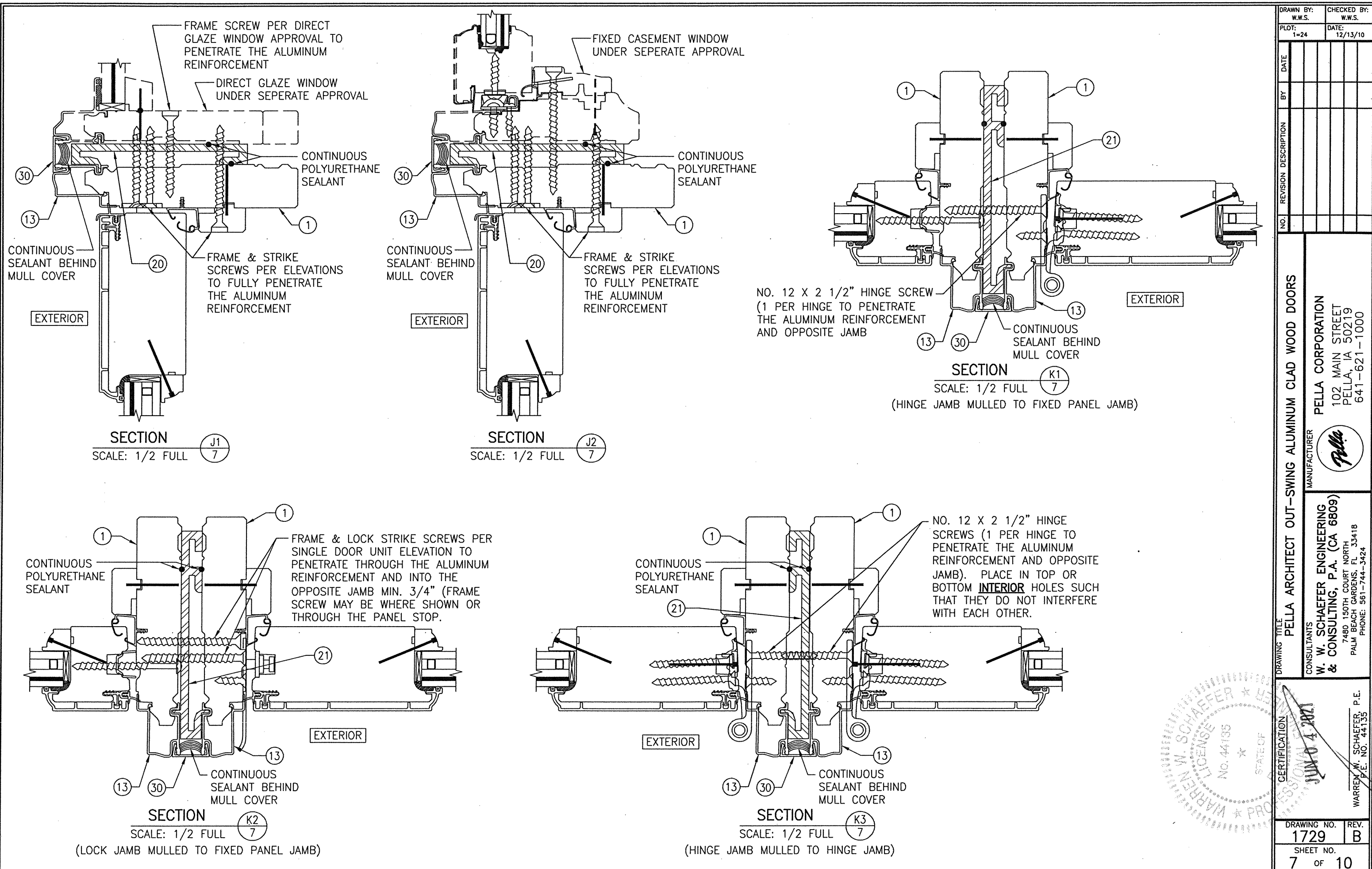
FRAME SCREW MOUNT SHOWN. SEE DETAILS ON SHEET 8 FOR DIRECT MOUNT & CLIP MOUNT DETAILS.



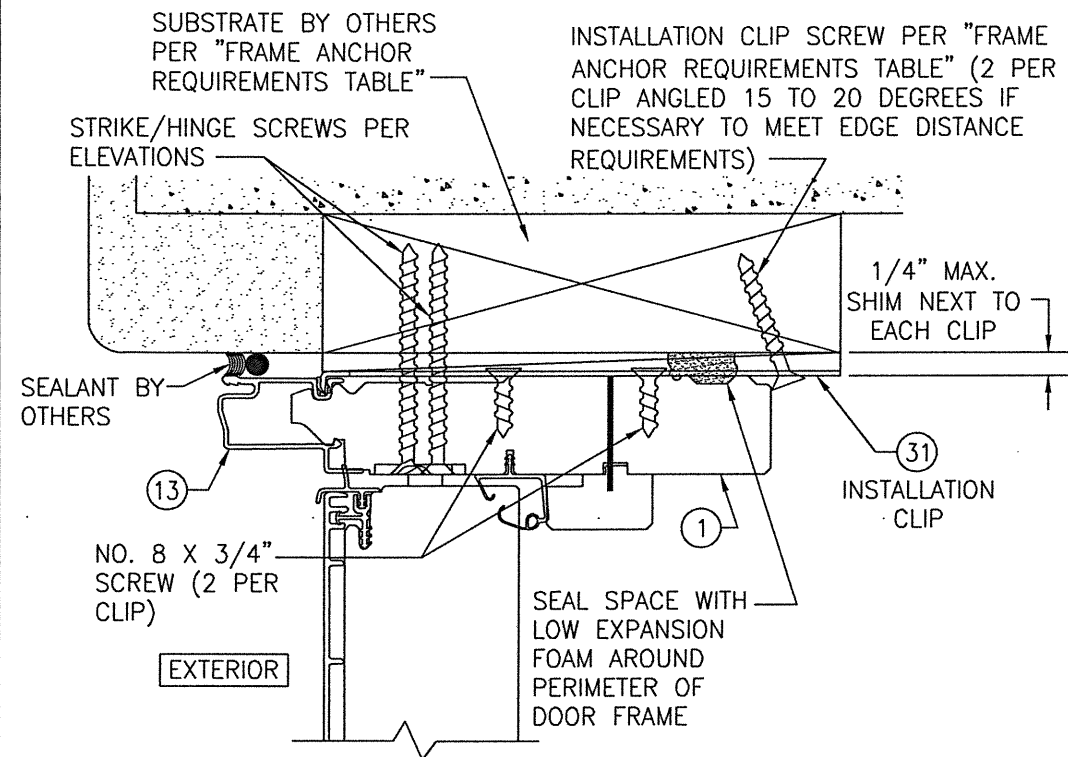
GLASS OPTION 1 (APPLICABLE WITH ALL DOOR CONDITIONS): 7/8" THICK LAMINATED I.G. (3/16" TEMP. INBOARD/1/4" AIR SPACE/3/16" AN./0.09 KURARAY BUTACITE PVB/3/16" AN. OUTBOARD)

GLASS OPTION 2: 7/8" THICK LAMINATED I.G. (3/16" TEMP. INBOARD/5/16" AIR SPACE/1/8" AN./0.09 KURARAY BUTACITE PVB/1/8" AN. OUTBOARD). **NOTE: THIS GLASS IS NOT APPLICABLE WHEN DOOR D.L.O. HEIGHT EXCEEDS 80 3/8", D.L.O. WIDTH EXCEEDS 26 1/4" OR JOB REQUIRED DESIGN NEGATIVE PRESSURE EXCEEDS -80.0 PSF"**

DRAWN BY: W.W.S.	CHECKED BY: W.W.S.
PLOT: 1-24	DATE: 12/13/10
DATE	BY
REVISION DESCRIPTION	NO.
DRAWING TITLE: PELLA ARCHITECT OUT-SWING ALUMINUM CLAD WOOD DOORS CONSULTANTS: W. W. SCHAEFER ENGINEERING & CONSULTING, P.A. (CA 6809) MANUFACTURER: PELLA CORPORATION 102 MAIN STREET PELLA, IA 50219 641-621-1000 7480 150TH COURT NORTH PALM BEACH GARDENS, FL 33418 PHONE: 561-744-3424 CERTIFICATION: JUN 04 2021 WARREN W. SCHAEFER, P.E. P.E. NO. 44135	
DRAWING NO. 1729	REV. B
SHEET NO. 5	OF 10



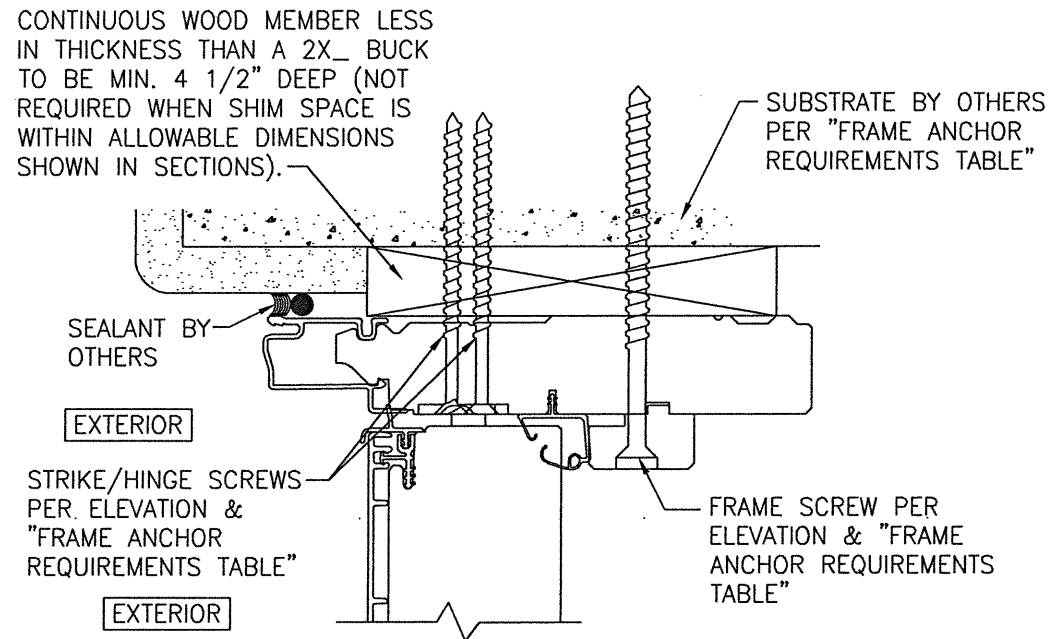
DRAWN BY: W.W.S.		CHECKED BY: W.W.S.	
PLOT: 1=24		DATE: 12/13/10	
NO.	REVISION DESCRIPTION	BY	DATE
DRAWING TITLE PELLA ARCHITECT OUT-SWING ALUMINUM CLAD WOOD DOORS			
CONSULTANTS W. W. SCHAEFER ENGINEERING & CONSULTING, P.A. (CA 6809) 7480 150TH COURT NORTH PALM BEACH GARDENS, FL 33418 PHONE: 561-744-3424		MANUFACTURER 	
CERTIFICATION WARREN W. SCHAEFER P.E. NO. 44135 STATE OF FLORIDA		DATE JUN 04 2021	
DRAWING NO. 1729		REV. B	
SHEET NO. 7		OF 10	



INSTALLATION CLIP DETAIL

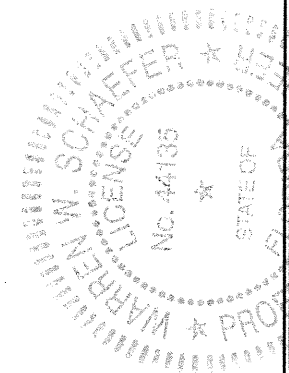
CLIP INSTALL NOTES:

- 1) HEAD SECTION SHOWN. CLIP IS INSTALLED THE SAME AT THE SIDES.
- 2) INSTALLATION CLIP IS NOT APPLICABLE AT THE SILL.
- 3) FOR DETAIL NOT SHOWN, SEE OTHER SECTIONS.

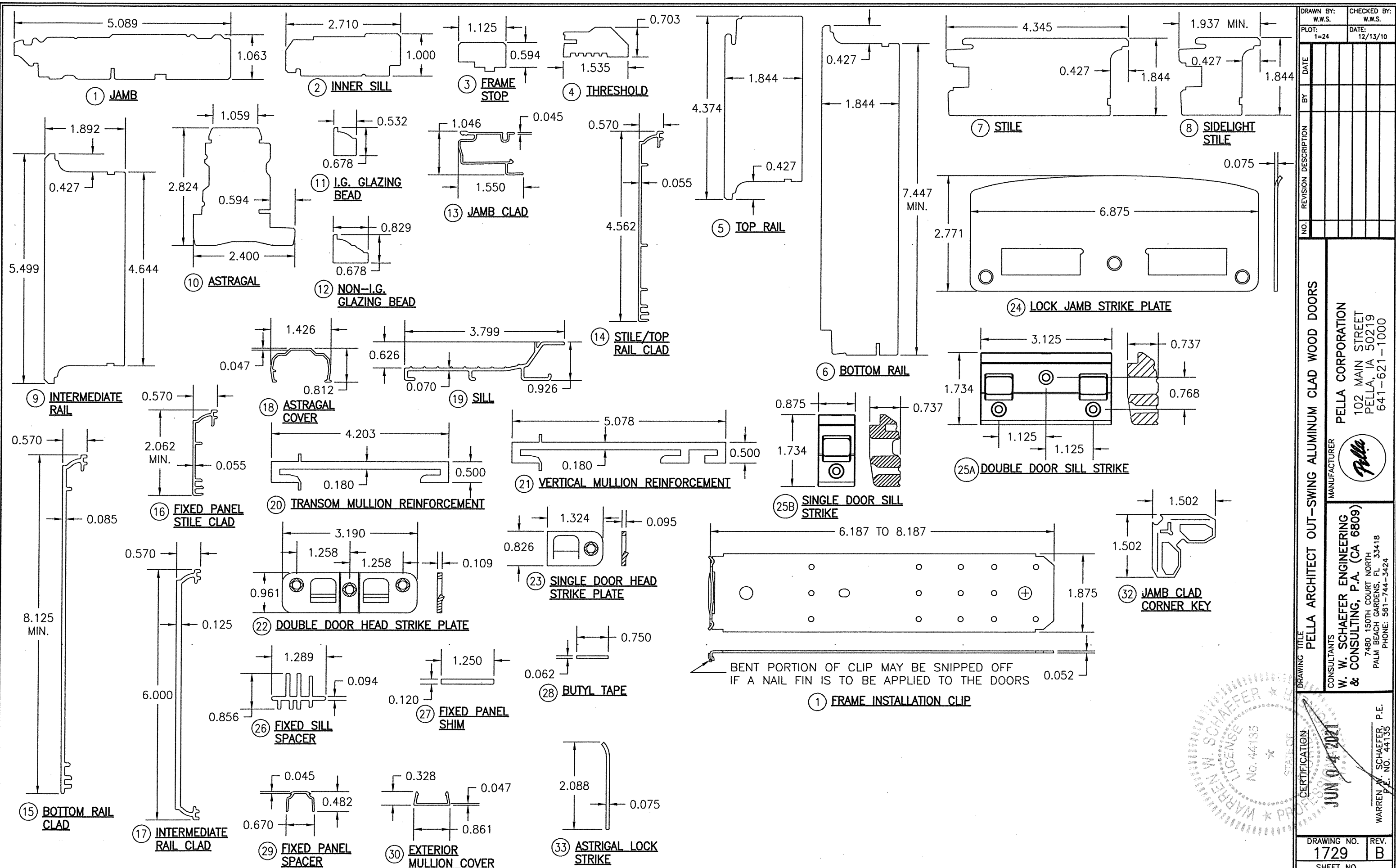


**OPTIONAL DIRECT MOUNT DETAIL
TO SUBSTRATE WITH SPACER**

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



DRAWN BY: W.W.S.		CHECKED BY: W.W.S.	
PLOT: 1=24		DATE: 12/13/10	
NO.	REVISION	DESCRIPTION	DATE
DRAWING TITLE PELLA ARCHITECT OUT-SWING ALUMINUM CLAD WOOD 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 PELLA CORPORATION 102 MAIN STREET PELLA, IA 50219 641-621-1000	
CERTIFICATION JUN 04 2021 WARREN W. SCHAEFER, P.E. P.E. NO. 44135		DRAWING NO. 1729	
SHEET NO. 8 OF 10		REV. B	



DRAWING NO. 1729		REV. B	
SHEET NO. 9 OF 10			
CERTIFICATION JUN 04 2021 WARREN W. SCHAEFER, P.E. P.E. NO. 44135 WARREN W. SCHAEFER, P.E. P.E. NO. 44135			
CONSULTANTS W. W. SCHAEFER ENGINEERING & CONSULTING, P.A. (CA 6809) 7480 150TH COURT NORTH PALM BEACH GARDENS, FL 33418 PHONE: 561-744-3424		MANUFACTURER PELLA CORPORATION 102 MAIN STREET PELLA, IA 50219 641-621-1000 	
DRAWING TITLE PELLA ARCHITECT OUT-SWING ALUMINUM CLAD WOOD DOORS			
NO.		REVISION DESCRIPTION	
BY		DATE	
DRAWN BY: W.W.S.		CHECKED BY: W.W.S.	
PLOT: 1=24		DATE: 12/13/10	

ITEM #	ITEM DESCRIPTION	MANUFACTURER/NOTES
PARTS		
1	JAMB	WESTERN PINE
2	INNER SILL	WESTERN PINE
3	FRAME STOP	WESTERN PINE
4	THRESHOLD	WESTERN PINE
5	TOP RAIL	WESTERN PINE
6	BOTTOM RAIL	WESTERN PINE
7	STILE	LOCK STILE IS WESTERN PINE WITH LVL CORE. HINGE STILE IS WESTERN PINE
8	SIDELIGHT STILE	WESTERN PINE
9	INTERMEDIATE RAIL	WESTERN PINE
10	ASTRAGAL	WESTERN PINE
11	I.G. GLAZING BEAD	WESTERN PINE
12	NON-I.G. GLAZING BEAD	WESTERN PINE
13	JAMB CLAD	6063-T6 ALUMINUM
14	STILE/TOP RAIL CLAD	6063-T5 ALUMINUM
15	BOTTOM RAIL CLAD	6061-T6 ALUMINUM
16	FIXED PANEL STILE CLAD	6061-T6 ALUMINUM
17	INTERMEDIATE RAIL CLAD	6061-T6 ALUMINUM
18	ASTRAGAL COVER	6061-T6 ALUMINUM
19	SILL	6061-T6 ALUMINUM
20	TRANSOM MULLION REINFORCEMENT	6061-T6 ALUMINUM
21	VERTICAL MULLION REINFORCEMENT	6061-T6 ALUMINUM
22	DOUBLE DOOR HEAD STRIKE PLATE	300 SERIES S.S.
23	SINGLE DOOR HEAD STRIKE PLATE	300 SERIES S.S.
24	LOCK JAMB STRIKE PLATE	BRASS
25A	DOUBLE DOOR SILL STRIKE	DELRIN 500P ACETAL
25B	SINGLE DOOR SILL STRIKE	DELRIN 500P ACETAL
26	FIXED SILL SPACER	PVC
27	FIXED PANEL SHIM	PVC
28	BUTYL TAPE	-
29	FIXED PANEL SPACER	PVC
30	EXTERIOR MULLION COVER	6063-T6 ALUMINUM
31	FRAME INSTALLATION CLIP	50 KSI GALVANIZED STEEL
32	JAMB CLAD CORNER KEY	NYLAMID 201
33	ASTRAGAL LOCK STRIKE	BRASS
HARDWARE		
36	3-POINT ACTIVE LOCK SYSTEM	AMESBURY P2000 STAINLESS STEEL
37	2-POINT INACTIVE LOCK	AMESBURY P2000 STAINLESS STEEL
38	HANDLE	AS REQUIRED TO OPERATE LOCK SYSTEM
39	HINGE	AMESBURY 6063-T6 ALUM WITH S.S. PIN
SEALS & SEALANTS		
44	WEATHERSTRIP	FLEXIBLE SANTOPRENE & GLASS FILLED POLYPROPYLENE
45	STILE/TOP RAIL RECEPTOR	PVC
46	TOP RAIL RAINSCREEN	FLEXIBLE SANTOPRENE & GLASS FILLED POLYPROPYLENE
47	WEATHERSTRIP	VINYL WRAPPED FOAM
48	BRISTLE STRIP	POLYPROPYLENE
49	SPLINE	PVC
50	BOTTOM RAIL RECEPTOR	PVC
51	STILE RAINSCREEN	FLEXIBLE SANTOPRENE & GLASS FILLED POLYPROPYLENE

ITEM #	ITEM DESCRIPTION	MANUFACTURER/NOTES
FASTENERS		
55	18 GAGE 3/16" X 1 1/4" STAPLE	4" FROM CORNERS & 12" MAX. O.C.
56	1 1/2" BRAD NAIL	3" FROM CORNERS AND 6" O.C.
57	NO. 6 X 3/4" SCREW	1.5" FROM ENDS; 3 EQUALLY SPACED
58	NO. 12 X 3/4" S.S. SCREW	3 PER HINGE
59	NO. 8 X 3" S.S. SCREW	9 PER ASTRAGAL
60	-	-
61	NO. 8 X 2 1/2" WOOD SCREW	3 AT EA. HEAD & SILL; 13.5" UP FROM SILL & 9" O.C. AT SIDES
62	NO. 8 X 2" S.S. SCREW	3 PER HINGE
63	NO. 8 X 3/4" S.S. SCREW	3 PER ASTRAGAL STRIKE; 2 PER JAMB STRIKE

NOTE: WOOD USED IN TESTING WAS WESTERN PINE WITH A SPECIFIC GRAVITY OF G = 0.43 AND A MODULUS OF ELASTICITY OF E = 1,200,000 PSI. OTHER WOOD SPECIES APPLICABLE FOR USE WITH THIS PRODUCT ARE THOSE WITH A SPECIFIC GRAVITY OF 0.43 AND MODULUS OF ELASTICITY OF 1,200,000 PSI OR GREATER. ALL WOOD IS MINIMUM GRADE 2 MILLED BY PELLA CORPORATION TO SELECT.

DRAWN BY: W.W.S.		CHECKED BY: W.W.S.	
PLOT: 1=24		DATE: 12/13/10	
DATE	BY	REVISION DESCRIPTION	NO.
DRAWING TITLE PELLA ARCHITECT OUT-SWING ALUMINUM CLAD WOOD DOORS			
CONSULTANTS W. W. SCHAEFER ENGINEERING & CONSULTING, P.A. (CA 6809)		MANUFACTURER PELLA CORPORATION 102 MAIN STREET PELLA, IA 50219 641-621-1000	
7480 150TH COURT NORTH PALM BEACH GARDENS, FL 33418 PHONE: 561-744-3424		WARREN W. SCHAEFER, P.E. P.E. NO. 44135	
CERTIFICATION JUN 4 2021		DRAWING NO. 1729	
		REV. B	
		SHEET NO. 10 OF 10	