



**BUILDING CODE COMPLIANCE OFFICE (BCCO)  
PRODUCT CONTROL DIVISION**

**MIAMI-DADE COUNTY, FLORIDA  
METRO-DADE FLAGLER BUILDING  
140 WEST FLAGLER STREET, SUITE 1107  
MIAMI, FLORIDA 33130-1563  
(305) 375-2902 FAX (305) 372-6339**

**NOTICE OF ACCEPTANCE (NOA)**

[www.miamidade.gov/buildingcode](http://www.miamidade.gov/buildingcode)

**Pella Corporation  
102 Main Street  
Pella, IA 50219**

**SCOPE:**

This NOA is being issued under the applicable rules and regulations governing the use of construction materials. The documentation submitted has been reviewed by Miami-Dade County Product Control Division and accepted by the Board of Rules and Appeals (BORA) to be used in Miami-Dade County and other areas where allowed by the Authority Having Jurisdiction (AHJ).

This NOA shall not be valid after the expiration date stated below. The Miami-Dade County Product Control Division (In Miami-Dade County) and/or the AHJ (in areas other than Miami-Dade County) reserve the right to have this product or material tested for quality assurance purposes. If this product or material fails to perform in the accepted manner, the manufacturer will incur the expense of such testing and the AHJ may immediately revoke, modify, or suspend the use of such product or material within their jurisdiction. BORA reserves the right to revoke this acceptance, if it is determined by Miami-Dade County Product Control Division that this product or material fails to meet the requirements of the applicable building code.

This product is approved as described herein, and has been designed to comply with the Florida Building Code, including the High Velocity Hurricane Zone.

**DESCRIPTION: Series “Architect” 8’0” Aluminum Clad Wood Sliding Doors – L.M.I.**

**APPROVAL DOCUMENT:** Drawing No. 1299, titled “Architect Series Aluminum Clad Wood Impact Sliding Door”, sheets 1 through 4 of 4, prepared by W. W. Schaefer Engineering & Consulting, P.A., dated 04/22/04 with revision “B1” on 01/13/10, signed and sealed by Warren W. Schaefer, P. E., bearing the Miami-Dade County Product Control Renewal stamp with the Notice of Acceptance number and expiration date by the Miami-Dade County Product Control Division.

**MISSILE IMPACT RATING: Large and Small Missile Impact Resistant**

**LABELING:** Each unit shall bear a permanent label with the manufacturer's name or logo, city, state and following statement: "Miami-Dade County Product Control Approved", unless otherwise noted herein.

**REVISION** of this NOA shall be considered after a renewal application has been filed and there has been no change in the applicable building code negatively affecting the performance of this product.

**TERMINATION** of this NOA will occur after the expiration date or if there has been a revision or change in the materials, use, and/or manufacture of the product or process. Misuse of this NOA as an endorsement of any product, for sales, advertising or any other purposes shall automatically terminate this NOA. Failure to comply with any section of this NOA shall be cause for termination and removal of NOA.

**ADVERTISEMENT:** The NOA number preceded by the words Miami-Dade County, Florida, and followed by the expiration date may be displayed in advertising literature. If any portion of the NOA is displayed, then it shall be done in its entirety.

**INSPECTION:** A copy of this entire NOA shall be provided to the user by the manufacturer or its distributors and shall be available for inspection at the job site at the request of the Building Official.

This NOA **renews NOA No. 05-0818.04** and consists of this page 1 and evidence pages E-1 and E-2, as well as approval document mentioned above.

The submitted documentation was reviewed by **Jaime D. Gascon, P. E.**



*J. Gascon  
2/17/10*

**NOA No. 10-0120.03  
Expiration Date: April 21, 2015  
Approval Date: March 10, 2010  
Page 1**

**Pella Corporation**

**NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED**

**A. DRAWINGS**

1. Manufacturer's die drawings and sections.
2. Drawing No. **1299**, titled "Architect Series Aluminum Clad Wood Impact Sliding Door", sheets 1 through 4 of 4, prepared by W. W. Schaefer Engineering & Consulting, P.A., dated 04/22/04 with revision "**B1**" on 01/13/10, signed and sealed by Warren W. Schaefer, P. E.

**B. TESTS**

1. Test reports on: 1) Air Infiltration Test, per FBC, TAS 202-94  
2) Uniform Static Air Pressure Test, Loading per FBC TAS 202-94  
3) Water Resistance Test, per FBC, TAS 202-94  
4) Large Missile Impact Test per FBC, TAS 201-94  
5) Cyclic Wind Pressure Loading per FBC, TAS 203-94  
6) Forced Entry Test, per FBC 2411 3.2.1, TAS 202-94  
along with marked-up drawings and installation diagram of a sliding glass door, prepared by Architectural Testing, Inc., Test Report No. **ATI-53465.01-201-18** dated 10/04/04, signed and sealed by Joseph A. Reed, P. E.  
*(Submitted under previous NOA No. 05-0112.02)*

**C. CALCULATIONS**

1. Anchor verification calculations and structural analysis, complying with FBC-2007, prepared by W. W. Schaefer Engineering & Consulting, P.A., dated January 13, 2010, signed and sealed by Warren W. Schaefer, P. E.  
**Complies with ASTM E1300-04**

**D. QUALITY ASSURANCE**

1. Miami-Dade Building Code Compliance Office (BCCO).

**E. MATERIAL CERTIFICATIONS**

1. Notice of Acceptance No. **09-0312.03** issued to E.I. DuPont DeNemours & Co., Inc. for their "**DuPont Sentry Glass® Interlayer**" dated 05/13/09, expiring on 01/14/12.
2. Notice of Acceptance No. **09-0312.02** issued to E.I. DuPont DeNemours & Co., Inc. for their "**DuPont Butacite® PVB, Interlayer**" dated 05/13/09, expiring on 12/11/10.

**F. STATEMENTS**

1. Statement letter of conformance, dated January 13, 2010, signed and sealed by Warren W. Schaefer, P.E.
2. Statement letter of no financial interest, dated January 12, 2010, signed and sealed by Warren W. Schaefer, P. E.



Jaime D. Gascon, P. E.  
Chief, Product Control Division  
NOA No. 10-0120.03  
Expiration Date: April 21, 2015  
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Pella Corporation

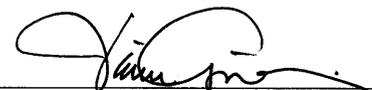
NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

F. STATEMENTS

3. Laboratory compliance letter for Test Report no. **ATI-53465.01-201-18**, issued by Architectural Testing, Inc., dated October 04, 2004, signed and sealed by Joseph A. Reed, P. E.  
*(Submitted under previous NOA No. 05-0112.02)*

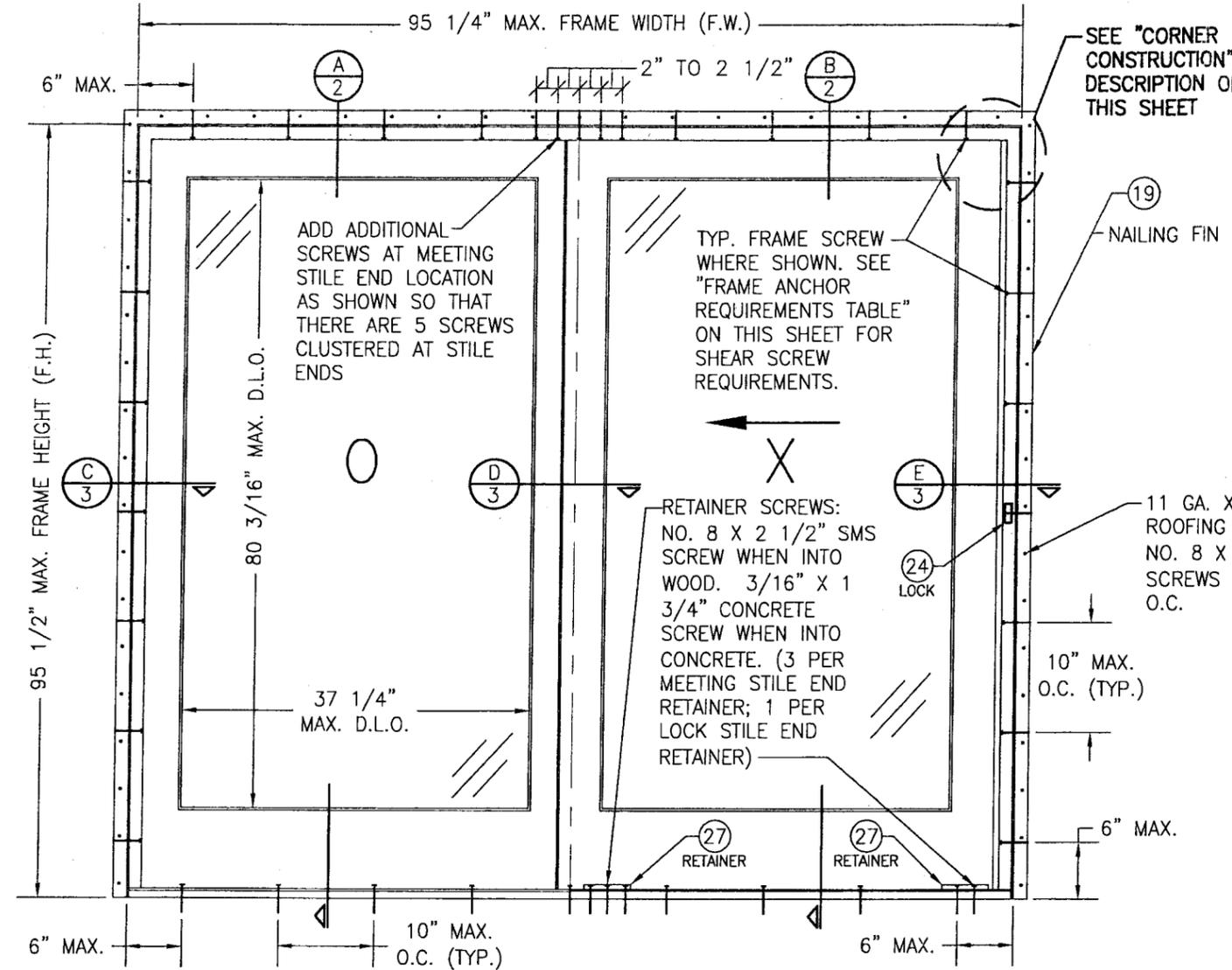
G. OTHERS

1. Notice of Acceptance No. **05-0525.01**, issued to Pella Corporation for their Series **“Architect Aluminum Clad Wood Sliding Doors-L.M.I. “**, approved on 01/05/06 and expiring on 04/21/10.

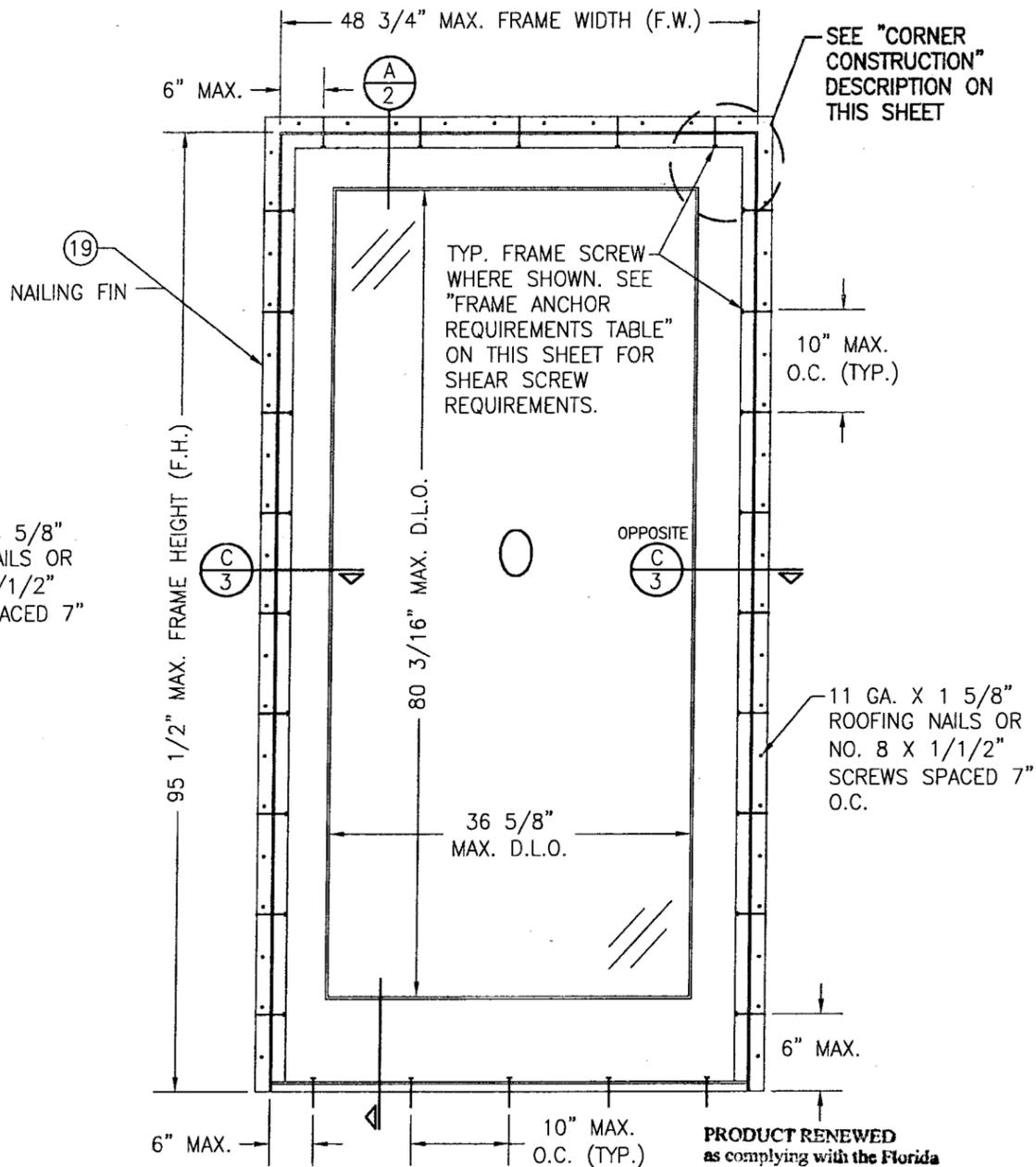


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Jaime D. Gascon, P. E.  
Chief, Product Control Division  
NOA No. 10-0120.03  
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**EXTERIOR ELEVATION  
2 PANEL SLIDING DOOR**  
SCALE: 3/4"=1'-0"



**EXTERIOR ELEVATION  
SINGLE FIXED PANEL DOOR**  
SCALE: 3/4"=1'-0"

**GENERAL NOTES:**

1. THESE DOOR SYSTEMS HAVE 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. THE DETAILS & SPECIFICATIONS SHOWN HEREIN REPRESENT THE PRODUCTS TESTED & PROPOSED FOR WATER, AIR, IMPACT, CYCLIC & UNIFORM STATIC AIR PRESSURE TESTING IN CONFORMANCE WITH THE FLORIDA BUILDING CODE PROTOCOLS TAS-201, 202 & 203 FOR LARGE MISSILE IMPACT DOORS.
5. THESE DOOR SYSTEMS HAVE BEEN DESIGNED IN ACCORDANCE WITH AND MEET THE REQUIREMENTS OF THE FLORIDA BUILDING CODE (FBC) INCLUDING HIGH VELOCITY HURRICANE ZONES (HVHZ).
6. IMPACT SHUTTERS ARE NOT REQUIRED WITH THESE DOORS.
7. ALL ANCHORS SECURING DOOR FRAME TO PRESSURE TREATED BUCKS OR WOOD FRAMING SHALL BE CAPABLE OF RESISTING CORROSION CAUSED BY THE PRESSURE TREATING CHEMICALS IN THE WOOD.
8. 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.
9. NO INCREASE IN ALLOWABLE STRESS HAS BEEN USED IN THE CERTIFICATION OF THIS PRODUCT. WIND LOAD DURATION FACTOR  $C_d = 1.6$  WAS USED FOR WOOD SCREW ANALYSIS ONLY.
10. MATERIALS, INCLUDING BUT NOT LIMITED TO STEEL SCREWS, THAT COME INTO CONTACT WITH OTHER DISSIMILAR MATERIALS SHALL MEET THE REQUIREMENTS OF FLORIDA BUILDING CODE CHAPTER 20.
11. ALL WOOD MEMBERS OF DOORS 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 SECTION 2326.

**CORNER CONSTRUCTION:**

**WOOD JAMB:** HEAD: COPED, BUTTED AND JOINED WITH CORNER KEY & (2) NO. 10 X 5/8" SCREWS AT CLAD & (2) 7/16" X 2 1/2" STAPLES PER CORNER.  
SILL: COPED, BUTTED AND JOINED WITH (2) NO. 6 X 2" TYPE AB FH SCREWS SCREWS, (1) 7/16" X 2 1/2" GS STAPLE THROUGH INNER SILL & BUTYL CAULK.

**JAMB CLAD:** MITER CUT AND JOINED WITH CORNER KEY AND (2) NO. 10 X 5/8" SCREWS.

**PANEL:** MORTISE & TENON JOINT WITH ADHESIVE AND (10) NO. 12 X 4" FH WOOD SCREWS.

**PANEL CLAD:** LAPPED AND MITERED AT CORNERS.

FRAME ANCHOR REQUIREMENTS TABLE			
OPENING TYPE (SUBSTRATE)	JAMB TO OPENING FASTENER TYPE	MINIMUM EMBED	MINIMUM EDGE DIST.
MIN. 2X4 WOOD FRAME OR BUCK (MIN. GR. 3 & G=0.55)	NO. 10 SMS SCREW	1 1/4"	3/4"
MIN. 2500 PSI CONCRETE	3/16" CONCRETE SCREW	1 1/2"	2"
(1) CONCRETE SCREWS SHALL BE ELCO OR ITW RAMSET/ RED HEAD TAPCONS OR HILTI KWIK-CON II (HARDENED STEEL OR S.S.).			

**ALLOWABLE SIZE VS. PRESSURE TABLE**

MAX. FRAME WIDTH (IN.)	MAX. FRAME HEIGHT (IN.)	ALLOWABLE PRESSURE (POS & NEG PSF)
TWO PANEL DOORS		
71 1/4	95 1/2	70
95 1/4	81 1/2	60
95 1/4	95 1/2	55
SINGLE PANEL DOORS		
48 3/4	95 1/2	70

**PRODUCT RENEWED**  
as complying with the Florida Building Code  
Acceptance No. **10-0120.03**  
Expiration Date **04/21/2015**

By *[Signature]*  
Miami Dade Product Control Division



DRAWN BY: K.P.F.	CHECKED BY: W.W.S.
PLOT: 1=16	DATE: 04/22/04
DATE	BY
08/08/05	WWS
08/08/05	WWS
01/13/10	WRM
REVISION DESCRIPTION	NO.
UPDATE TO 2004 CODE COMPLIANT	A1
ADDED CONCRETE SCREWS TO ANCHOR TABLE	A2
UPDATE TO PRESENT STANDARDS	B1

**ARCHITECT SERIES ALUMINUM CLAD WOOD IMPACT SLIDING DOOR**

**PELLA CORPORATION**  
102 MAIN STREET  
PELLA, IA 50219  
641-621-1000

**MANUFACTURER**  
*Pella*

**CONSULTANTS**  
**W. W. SCHAEFER ENGINEERING & CONSULTING, P.A.**  
8895 N. MILITARY TRAIL, SUITE C-204  
PALM BEACH GARDENS, FL 33410  
PHONE: 561-775-4902 FAX: 561-775-4903

**DRAWING TITLE**  
ARCHITECT SERIES ALUMINUM CLAD WOOD IMPACT SLIDING DOOR

**CERTIFICATION**  
JAN 14 2010

**DRAWING NO.**  
1299

**REV.**  
B

**SHEET NO.**  
1 OF 4

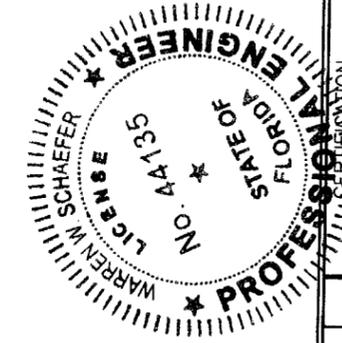
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K.P.S.	W.W.S.
PLOT:	DATE:
1=2	04/22/04
DATE	
BY	
REVISION DESCRIPTION	
NO.	

ARCHITECT SERIES ALUMINUM CLAD WOOD IMPACT SLIDING DOOR  
 MANUFACTURER  
**Pella Corporation**  
 102 MAIN STREET  
 PELLA, IA 50219  
 641-621-1000

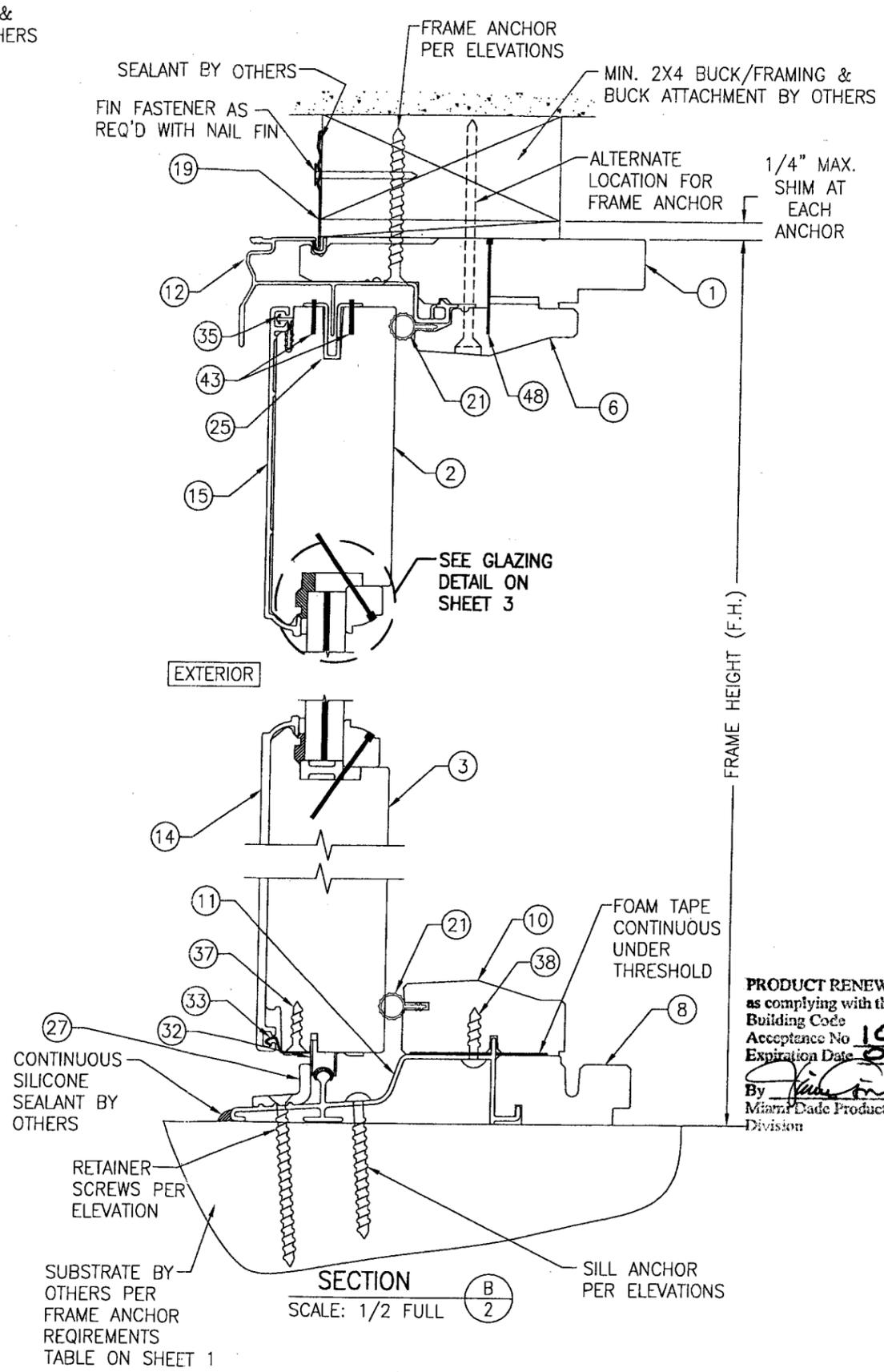
CONSULTANTS  
**W. W. SCHAEFER ENGINEERING & CONSULTING, P.A.**  
 8895 N. MILITARY TRAIL, SUITE C-204  
 PALM BEACH GARDENS, FL 33410  
 PHONE: 561-775-4902 FAX: 561-775-4903

DRAWING TITLE  
 ARCHITECT SERIES ALUMINUM CLAD WOOD IMPACT SLIDING DOOR  
 By *Warren W. Schaefer*  
 Miami Dade Product Control Division

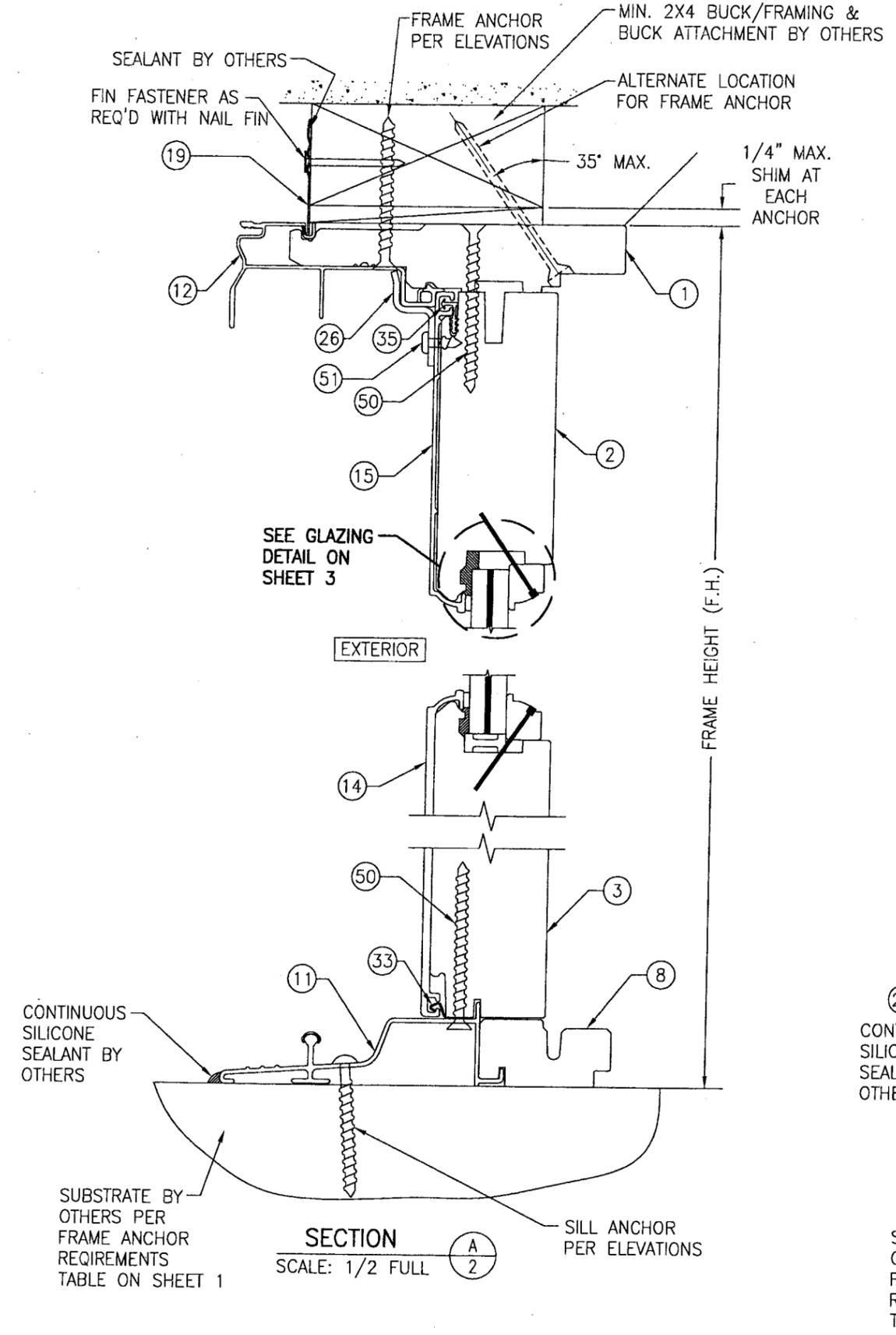
DRAWING NO.	REV.
1299	B
SHEET NO.	
2	OF 4



**PRODUCT RENEWED**  
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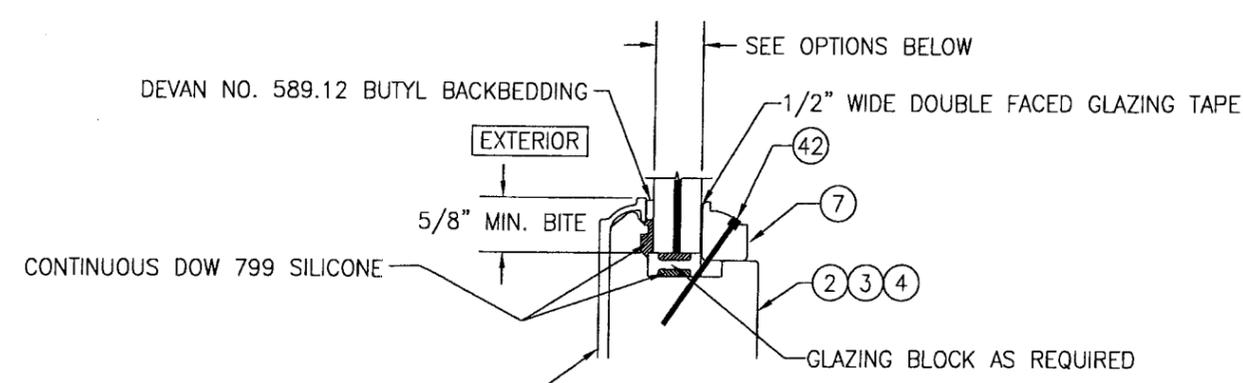
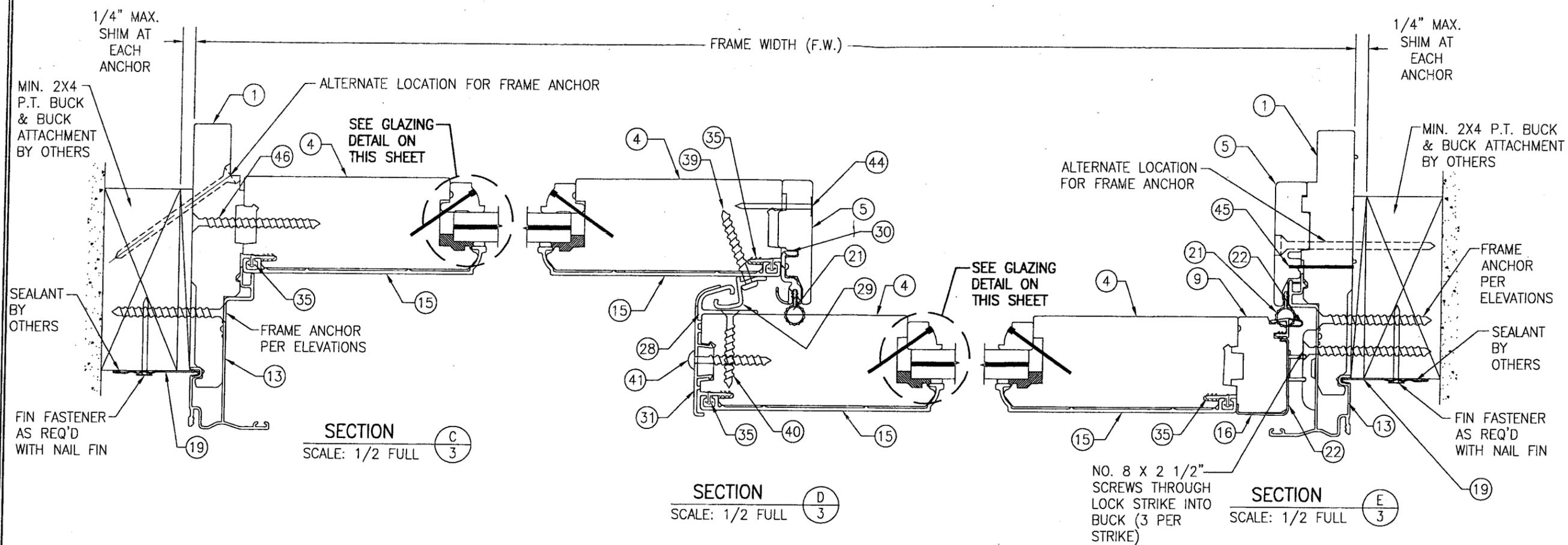


SECTION B  
 SCALE: 1/2 FULL  
 SUBSTRATE BY OTHERS PER FRAME ANCHOR REQUIREMENTS TABLE ON SHEET 1  
 RETAINER SCREWS PER ELEVATION  
 SILL ANCHOR PER ELEVATIONS



SECTION A  
 SCALE: 1/2 FULL  
 SUBSTRATE BY OTHERS PER FRAME ANCHOR REQUIREMENTS TABLE ON SHEET 1  
 SILL ANCHOR PER ELEVATIONS

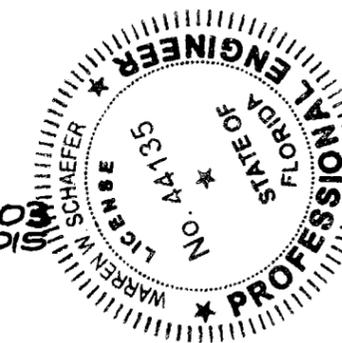
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K.P.S.	W.W.S.
PLOT:	DATE:
1=2	04/22/04
DATE	
BY	
REVISION DESCRIPTION	
NO.	



**TYPICAL GLAZING DETAIL**

- OPTION 1: 9/16" THICK DUPONT SENTRY GLASS PLUS LAMINATED GLASS (1/4" AN/0.09" SGP/1/4" AN)
- OPTION 2: 9/16" THICK DUPONT BUTACITE PVB LAMINATED GLASS (1/4" AN/0.09" PVB/1/4" AN)

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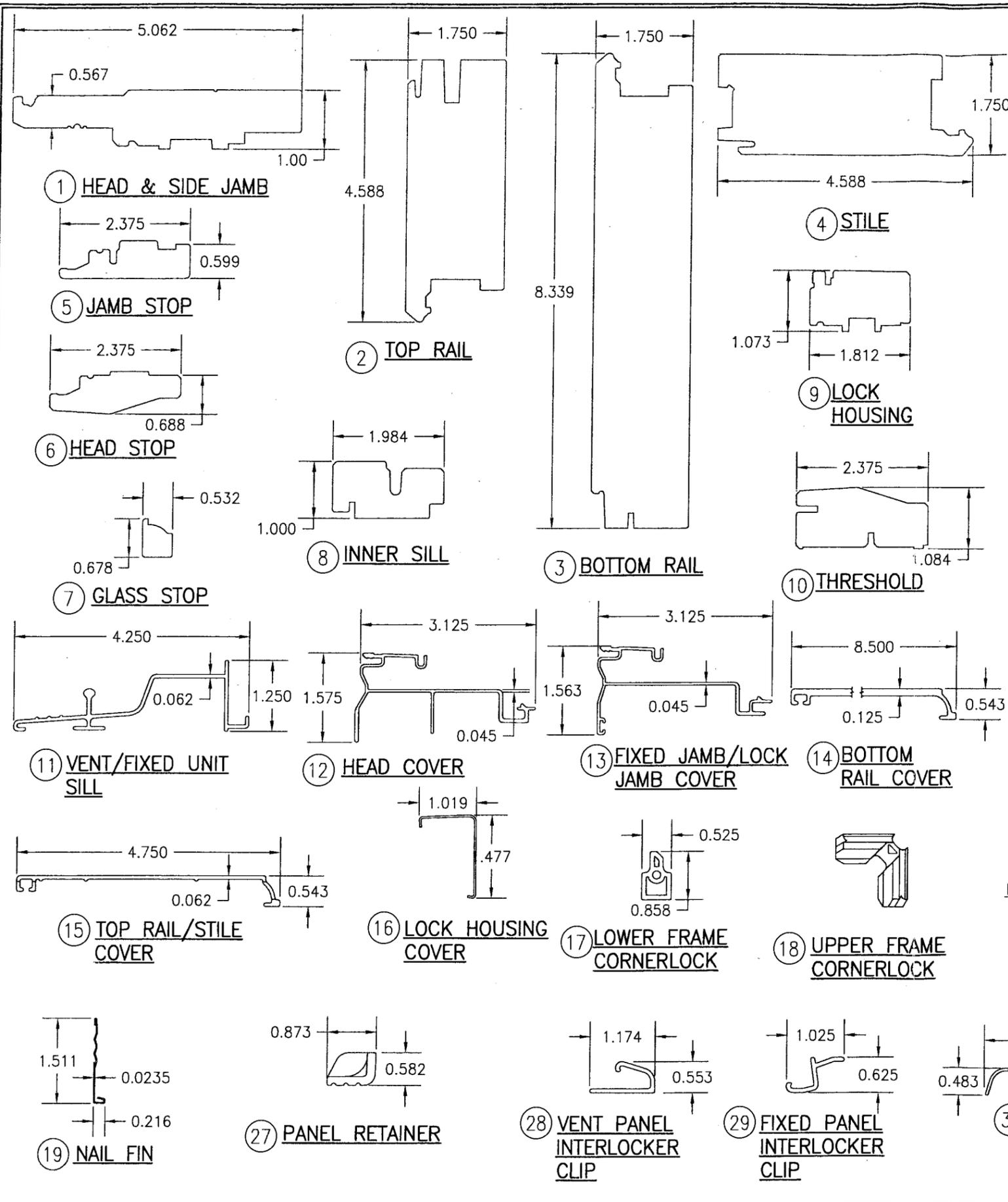


DRAWING TITLE: ARCHITECT SERIES ALUMINUM CLAD WOOD IMPACT SLIDING DOOR

CONSULTANTS: W. W. SCHAEFER ENGINEERING & CONSULTING, P.A.  
 8895 N. MILITARY TRAIL, SUITE C-204  
 PALM BEACH GARDENS, FL 33410  
 PHONE: 561-775-4902 FAX: 561-775-4903

MANUFACTURER: Pella CORPORATION  
 102 MAIN STREET  
 PELLA, IA 50219  
 641-621-1000

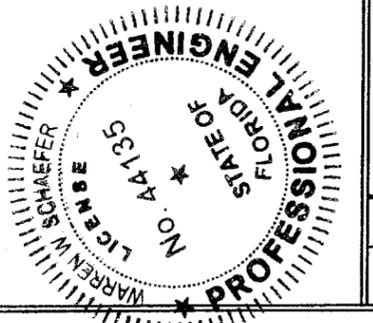
CERTIFICATION	JAN 14 2010
DRAWING NO.	REV.
1299	B
SHEET NO.	
3 OF 4	



BILL OF MATERIALS			
ITEM #	PART #	ITEM DESCRIPTION	MANUFACTURER/NOTES
PARTS			
1	321G-2/321M	HEAD & SIDE JAMB	PONDEROSA/SUGAR PINE
2	380G	TOP RAIL	PONDEROSA/SUGAR PINE
3	380H	BOTTOM RAIL	PONDEROSA/SUGAR PINE
4	380J	STILE	PONDEROSA/SUGAR PINE
5	310R-2	JAMB STOP	PONDEROSA/SUGAR PINE
6	310Q-1	HEAD STOP	PONDEROSA/SUGAR PINE
7	282J	GLASS STOP	PONDEROSA/SUGAR PINE
8	332V-2	INNER SILL	PONDEROSA/SUGAR PINE
9	332M-2	LOCK HOUSING	PONDEROSA/SUGAR PINE
10	332R-2	THRESHOLD	OAK WOOD
11	725K	VENT/FIXED UNIT SILL	6063-T5 ALUMINUM (CONTINUOUS)
12	0A8X-1	HEAD COVER	6063-T5 ALUMINUM (CONTINUOUS)
13	0A8Y-1	FIXED JAMB/LOCK JAMB COVER	6063-T5 ALUMINUM (CONTINUOUS)
14	725B	BOTTOM RAIL COVER	3003-H14 OR 3105-H24 ALUMINUM
15	724T/724X	STILE/TOP RAIL COVER	3003-H14 OR 3105-H24 ALUMINUM
16	421Z-2	LOCK HOUSING COVER	3003-H14 OR 3105-H24 ALUMINUM
17	770P	LOWER FRAME CORNERLOCK	NYLON
18	770N	UPPER FRAME CORNERLOCK	NYLON
19	0132	NAIL FIN	.0235" ALUMINUM
SEALS & SEALANTS			
21	762J	WEATHERSTRIP, HEAD, SILL, LOCK JAMB & THRESHOLD	SANTOPRENE WITH 33% GLASS FILLED PLOYPROPYLENE
22	762L	LOCK STILE WEATHERSTRIP	SANTOPRENE WITH 33% GLASS FILLED PLOYPROPYLENE
HARDWARE			
24	16A1	2 PT. LOCK ASSEMBLY	1 PER ASSEMBLY
25	78G7	PANEL GUIDE 2" LONG	1 @ 2" FROM OPER. PANEL TOP CORNERS
26	710V0000	HEAD CLIP	1 PER HEAD
27	778H000	PANEL RETAINER 5" LONG	2 PER SILL
28	724U	VENT PANEL INTERLOCKER CLIP	4" LONG, 6063-T5 AL
29	725J	FIXED PANEL INTERLOCKER CLIP	4" LONG, 6063-T5 AL
30	763C-2	FIXED INTERLOCKER	PVC (CONTINUOUS)
31	725F	VENT STILE INTERLOCKER COVER	PVC (CONTINUOUS)
32	19170004	ROLLER ASSEMBLY	OVERLAND PRODUCTS
33	700B	BOTTOM RAIL CLADDING CLIP	S.S. (3 PER BOTTOM RAIL)
35	761M	CLADDING CLIP	CONTINUOUS PVC
FASTENERS			
37	53061203	#6 X 3/4" FH SCREW	1 PER BOTTOM RAIL CLADDING CLIP
38	56081201	#8 X 3/4" PH SCREW	5 PER THRESHOLD
39	56082406	#8 X 1 1/2" PH SCREW	3 PER FIXED PANEL INTERLOCKER CLIP
40	53082400	#8 X 1 1/2" FH SCREW	3 PER VENT PANEL INTERLOCKER CLIP
41	57082402	#8 X 1 1/2" TRUSS HEAD SCREW	1 FOR VENT INTERLOCKER
42	600002410	1 1/2" BRAD	WITHIN 2" OF CORNERS & 4"-6" O.C.
43	61080801	1/2" X 1/2" STAPLE	2 PER GUIDE
44	60002403	1 1/2" 4d NAIL	2" FROM BOT. & 8" O.C.
45	61042000	1 1/4" STAPLE	1 5/8" FROM END & 8" O.C.
46	53084801	#8 X 3" PH DECK SCREW	@ PANEL MIDPOINT & 8" O.C.
48	60042202	1 3/8" X .015 DIA. ANNULAR NAIL	WITHIN 3" OF CORNERS & 4" O.C.
50	53084801	#8 X 3" PH DECK SCREW	4 LOCATED 4" FROM INTERLOCK & 4" O.C.
51	56082406	#8 X 1/2" PH SCREW	4 LOCATED 4" FROM INTERLOCK & 4" O.C.

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.

PRODUCT RENEWED as complying with the Florida Building Code  
 Acceptance No. 10-0120.03  
 Expiration Date 04/21/2015  
 By: [Signature]  
 Miami Dade Product Control Division



DRAWN BY: K.F.S.	CHECKED BY: W.W.S.
PLOT: 1=2	DATE: 04/22/04
NO.	REVISION DESCRIPTION
DATE	BY
DRAWING TITLE ARCHITECT SERIES ALUMINUM CLAD WOOD IMPACT SLIDING DOOR	
CONSULTANTS W. W. SCHAEFER ENGINEERING & CONSULTING, P.A. 8895 N. MILITARY TRAIL, SUITE C-204 PALM BEACH GARDENS, FL 33410 PHONE: 561-775-4902 FAX: 561-775-4903	
MANUFACTURER PELLA CORPORATION 102 MAIN STREET PELLA, IA 50219 641-621-1000	
CERTIFICATION JAN 14 2010	WARREN W. SCHAEFER, P.E. P.E. NO. 44135
DRAWING NO. 1299	REV. B
SHEET NO. 4	OF 4