



BUILDING CODE COMPLIANCE OFFICE (BCCO)
PRODUCT CONTROL DIVISION

MIAMI-DADE COUNTY, FLORIDA
METRO-DADE FLAGLER BUILDING
140 WEST FLAGLER STREET, SUITE 1603
MIAMI, FLORIDA 33130-1563
(305) 375-2901 FAX (305) 375-2908

NOTICE OF ACCEPTANCE (NOA)

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 " 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 "A2" on 08/08/05, signed and sealed by Warren W. Schaefer, P.E., bearing the Miami-Dade County Product Control Revision 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

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.

RENEWAL 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 revises NOA # 05-0112.02 and page 1 and evidence pages E-1 and E-2, as well as approval document mentioned above

The submitted documentation was reviewed by **Herminio F. Gonzalez, P.E., Director, BCCO**



NOA No 05-0818.04
Expiration Date: April 21, 2010
Approval Date: January 05, 2006
Page 1

Pella Corporation

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

A. DRAWINGS

1. Manufacturer's die drawings and sections.
2. Drawing No. **1229**, 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 "A2" on 08/08/05, 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 and TAS 202-94
along with marked-up drawings and installation diagram of a sliding glass door, prepared by Architectural Testing, Test Report No. **ATI-53465.01-201-18** dated 10/04/04, signed and sealed by Joseph A. Reed, P.E.
"Submitted under NOA# 05-0112.02"

C. CALCULATIONS

1. Anchor Calculations, ASTM-E 1300-98, and structural analysis, prepared by W.W. Schaefer Engineering & Consulting, P.A., dated 05/18/04, signed and sealed by Warren W. Schaefer, P.E.
Complies with ASTM E1300-98
No 1/3 stress increase used in anchors into masonry or steel substrate.

D. QUALITY ASSURANCE

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

E. MATERIAL CERTIFICATIONS

1. Notice of Acceptance No. **05-1208.02**, issued to E.I. DuPont DeNemours for their "DuPont Butacite ® PVB", approved on 01/05/06 and expiring on 12/11/10.
2. Notice of Acceptance No. **01-1204.01**, issued to E.I. DuPont DeNemours for their "Sentry Glass ® Plus", approved on 01/17/02 and expiring on 01/14/07.

F. STATEMENTS

1. Statement letter of conformance and no financial interest, dated May 19, 2004, signed and sealed by Warren W. Schaefer, P.E.



Herminio F. Gonzalez, P.E.

Director, Building Code Compliance Office

NOA No 05-0818.04

Expiration Date: April 21, 2010

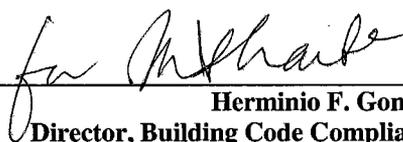
Approval Date: January 05, 2006

Pella Corporation

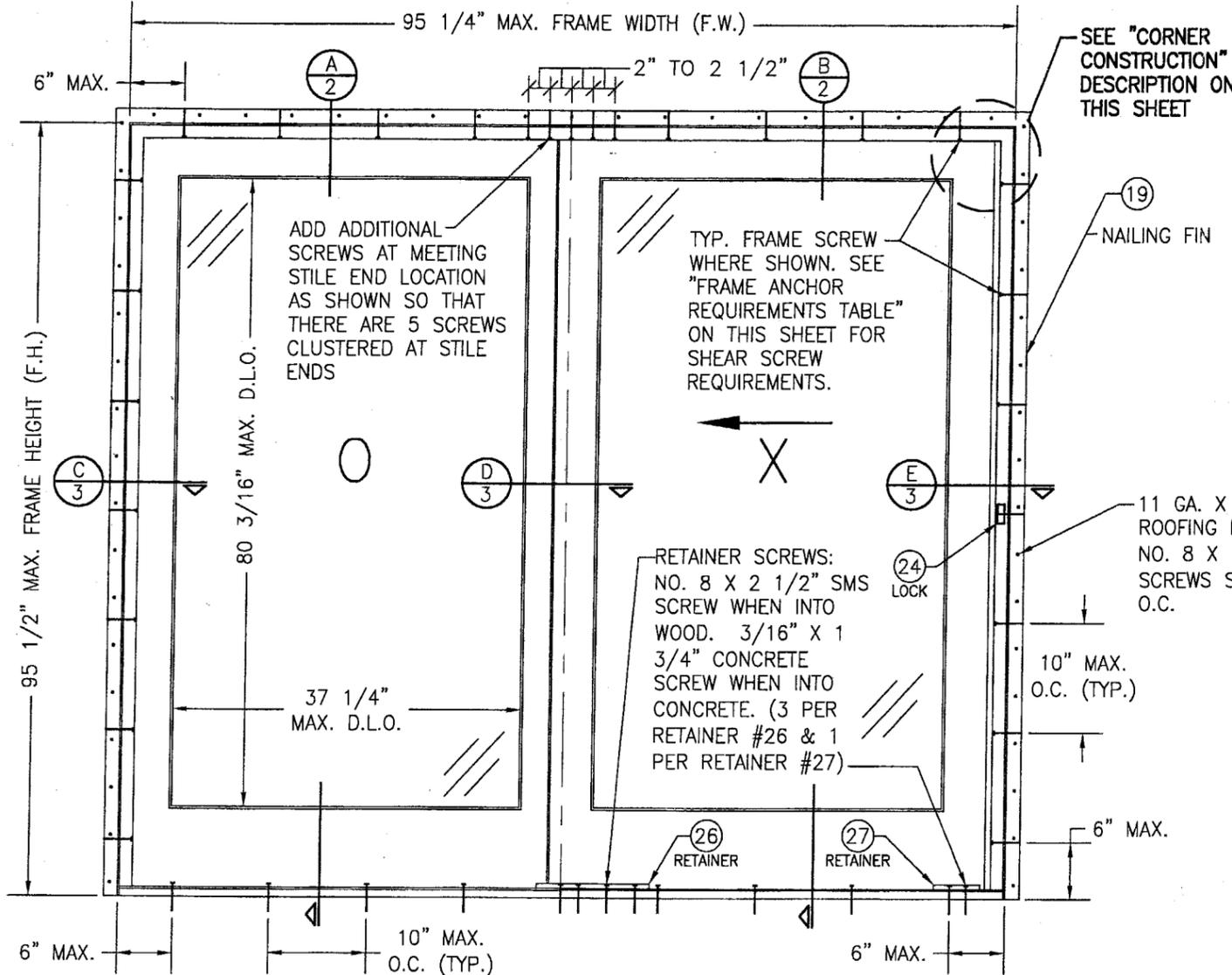
NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

G. OTHER

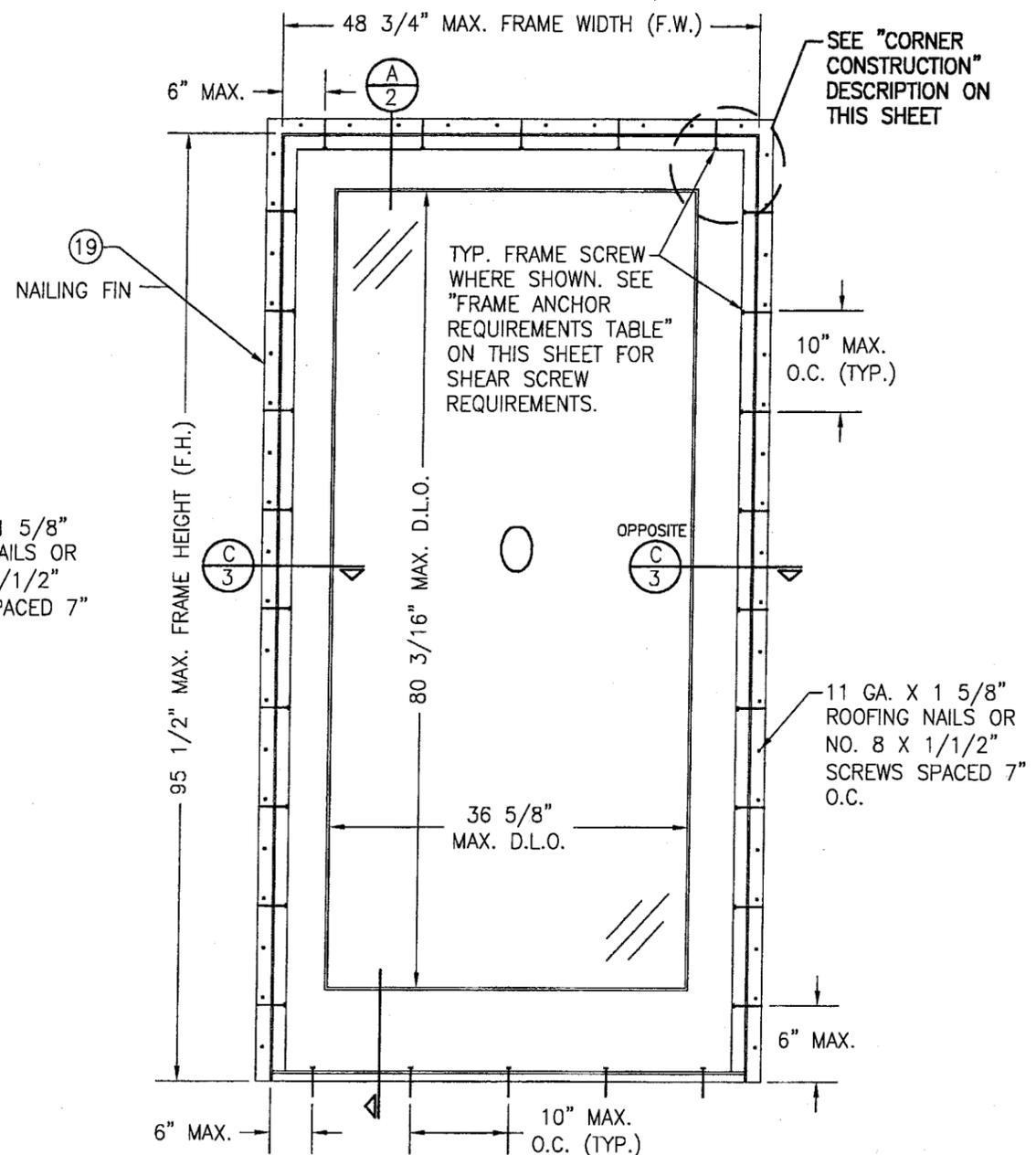
1. Letter from the consultant, dated, 11/14/05, stating that the product is in compliance with Florida Building Code (FBC).
2. Notice of Acceptance No. **05-0112.02**, issued to R.C. Aluminum Industries, Inc. for their Aluminum Clad Wood Sliding Impact Doors, approved on 04/21/05, and expiring on 04/22/10.



Herminio F. Gonzalez, P.E.
Director, Building Code Compliance Office
NOA No 05-0818.04
Expiration Date: April 21, 2010
Approval Date: January 05, 2006



**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 AND APPROVED FOR DESIGN PRESSURES NOT TO EXCEED THOSE SHOWN IN THE "ALLOWABLE SIZE VS. PRESSURE TABLE".
2. BUCKING, OPENINGS & 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 & MAY NOT VARY UNLESS SPECIFICALLY MENTIONED ON THE DRAWINGS.
4. THE DETAILS & SPECIFICATIONS SHOWN HEREIN REPRESENT THE PRODUCTS TESTED & PROPOSED FOR WATER, AIR, IMPACT, CYCLIC & UNIFORM STATIC AIR PRESSURE TESTING IN CONFORMANCE WITH FLORIDA BUILDING CODE PROTOCOLS TAS-201, 202 & 203 & ASTM E1886-02/E1996-03 FOR LARGE MISSILE IMPACT WINDOWS.
5. THESE DOOR SYSTEMS HAVE BEEN DESIGNED IN ACCORDANCE WITH THE 2004 FLORIDA BUILDING CODE (FBC) INCLUDING HIGH VELOCITY HURRICANE ZONES (HVHZ).
6. IMPACT SHUTTERS ARE NOT REQUIRED WITH THESE DOORS.
7. ALL ANCHORS SHALL BE INSTALLED AS SPECIFIED ON THESE DRAWINGS. SPECIFIED EMBEDMENT TO BASE MATERIAL SHALL BE BEYOND WALL FINISH OR STUCCO.

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.
2X_ WOOD FRAME OR BUCK	NO. 10 SMS SCREW	1 1/4"	3/4"
MIN. 2500 PSI CONCRETE	3/16" CONCRETE SCREW	1 1/4"	2"

(1) CONCRETE SCREWS SHALL BE ELCO OR ITW RAMSET/ RED HEAD TAPCONS, HILTI KWIK-CON II OR POWERS RAWL TAPPER (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 REVISED
as complying with the Florida Building Code
Acceptance No. 05-0818.04
Expiration Date 04/21/10
By *[Signature]*
Miami Dade Product Control Division

DRAWN BY: K.P.S.	CHECKED BY: W.W.S.
PLOT: 1-16	DATE: 04/22/04
DATE: 06/08/05	DATE: 06/08/05
BY: WWS	WWS
REVISION DESCRIPTION	
A1 UPDATE TO 2004 CODE COMPLIANT	
A2 ADDED CONCRETE SCREWS TO ANCHOR TABLE	
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

CERTIFICATION

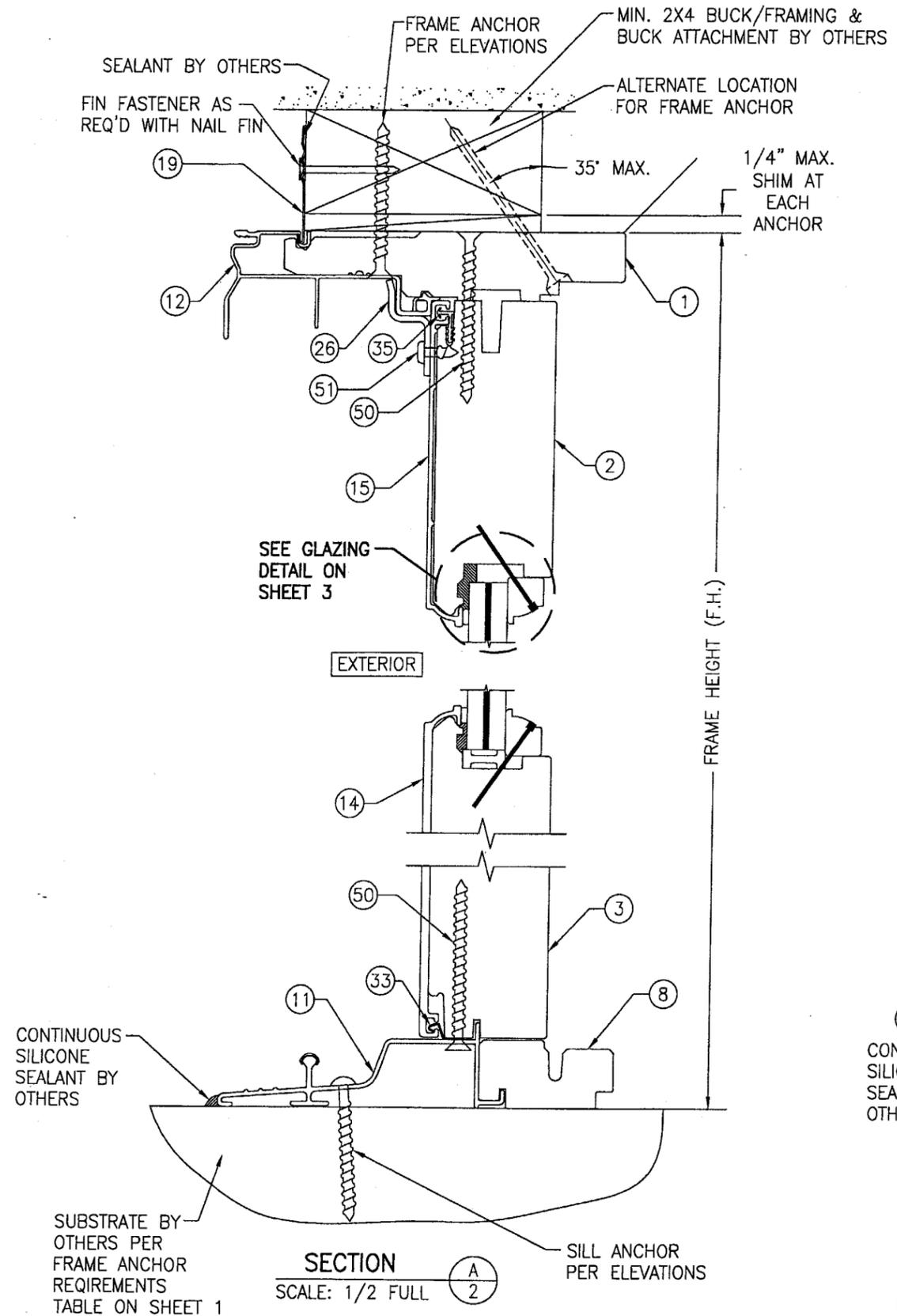
AUG 08 2005

DRAWING NO. 1299

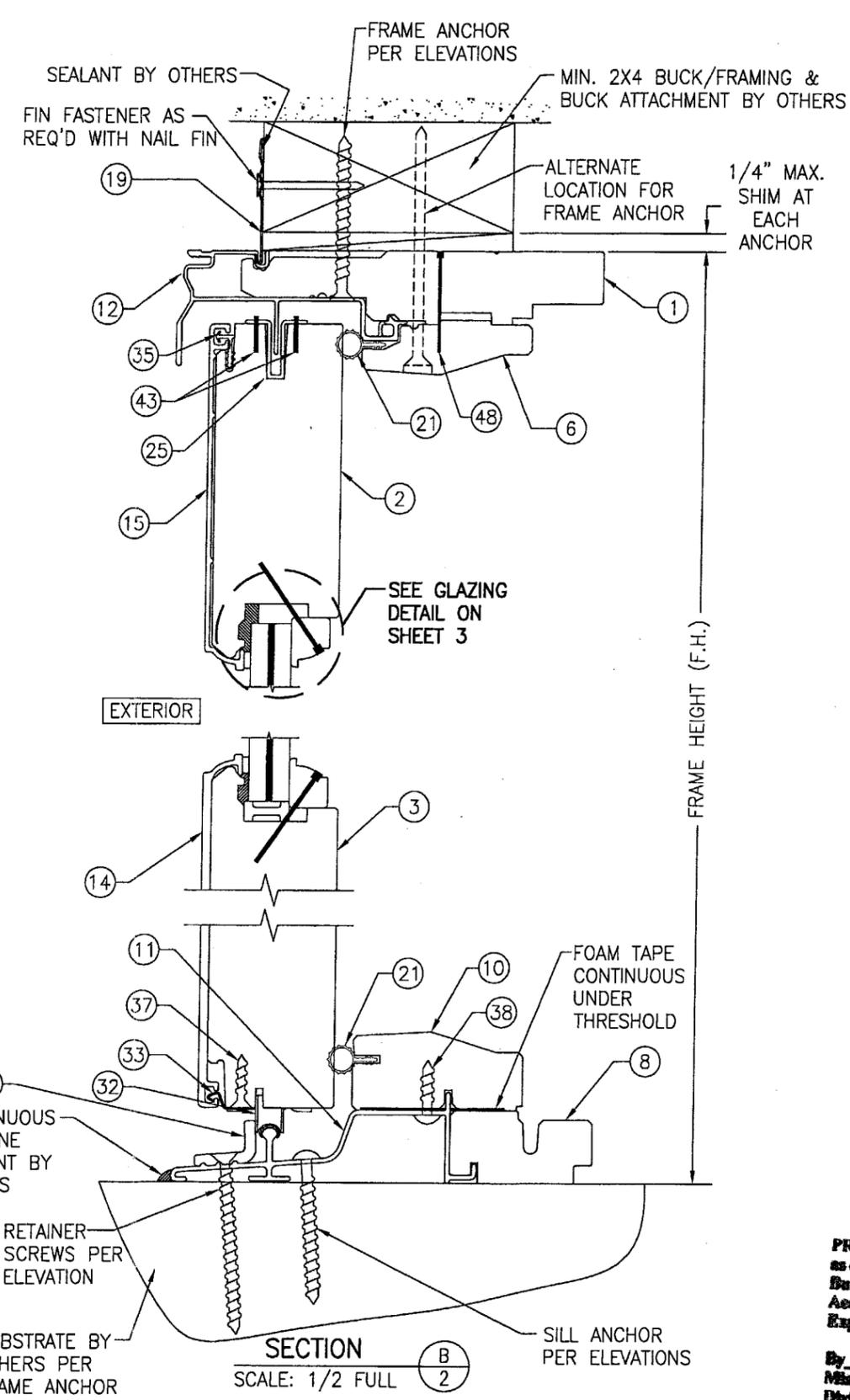
REV. A

SHEET NO. 1 OF 4

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



SECTION A
SCALE: 1/2 FULL

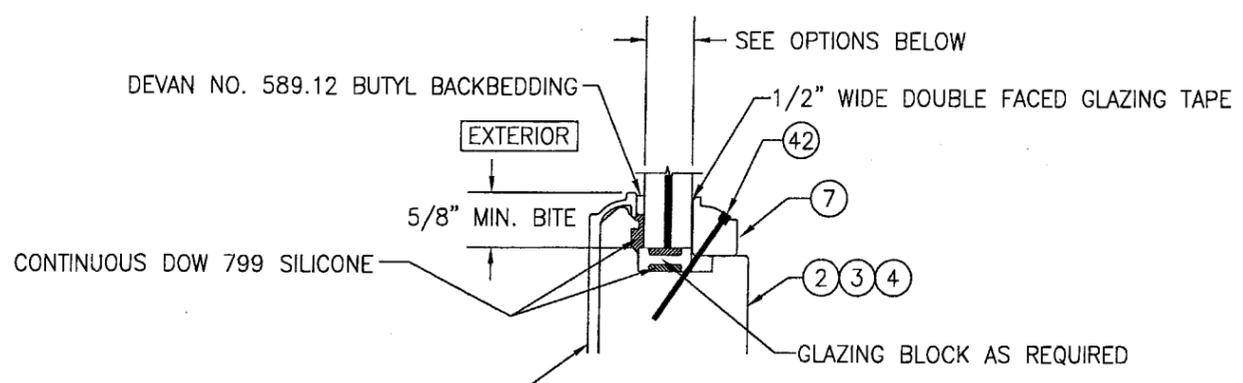
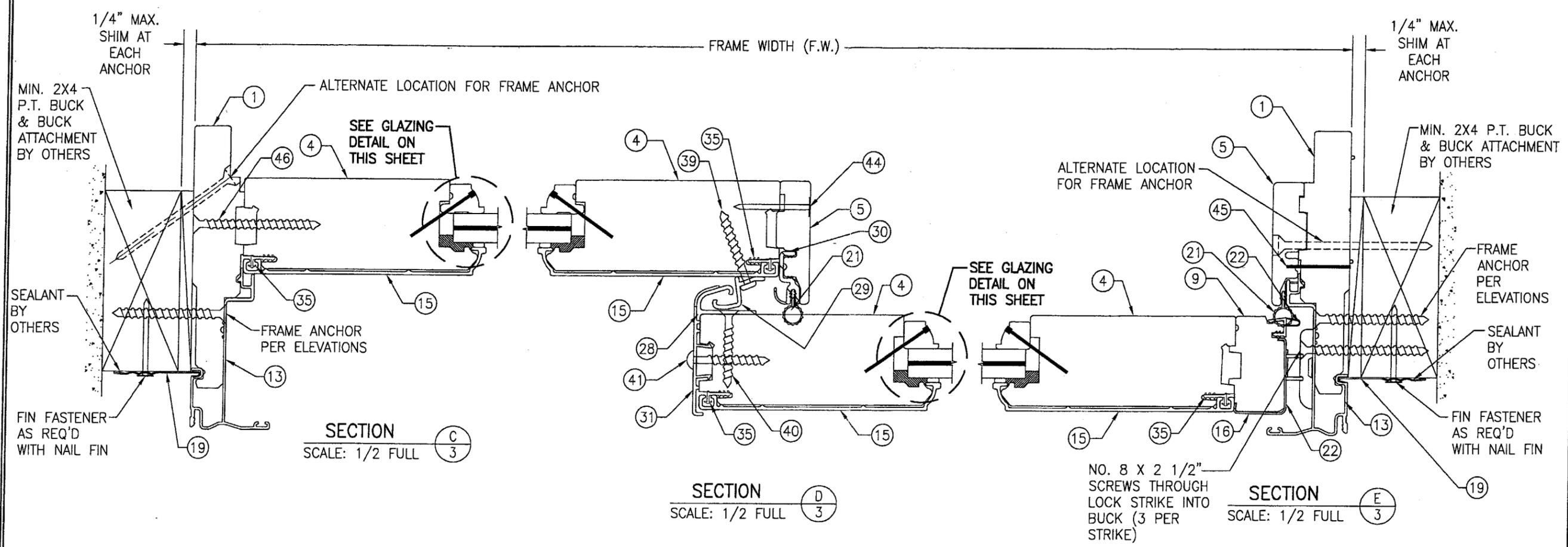


SECTION B
SCALE: 1/2 FULL

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No 05-0818.04
Expiration Date 04/21/10
By *[Signature]*
Miami Dade Product Control
Division

DRAWN BY: K.P.S.		CHECKED BY: W.W.S.	
PLOT: 1-2		DATE: 04/22/04	
NO.	REVISION DESCRIPTION	BY	DATE
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 AUG 8 2005		WARREN W. SCHAEFER, P.E. P.E. NO. 44135	
DRAWING NO.	REV.		
1299	A		
SHEET NO. 2 OF 4			

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



- TYPICAL GLAZING DETAIL**
- OPTION 1: 9/16" THICK DUPONT SENTRY GLASS PLUS LAMINATED GLASS (6mm AN/0.09" SGP/6mm AN)
 - OPTION 2: 9/16" THICK DUPONT BUTACITE PVB LAMINATED GLASS (6mm AN/0.09" PVB/6mm AN)

PRODUCT REVISED
 as complying with the Florida
 Building Code
 Acceptance No. 05-0818.04
 Expiration Date 04/21/10
 By *[Signature]*
 Miami Dade Product Control
 Division

DRAWING TITLE
ARCHITECT SERIES ALUMINUM CLAD WOOD IMPACT SLIDING DOOR

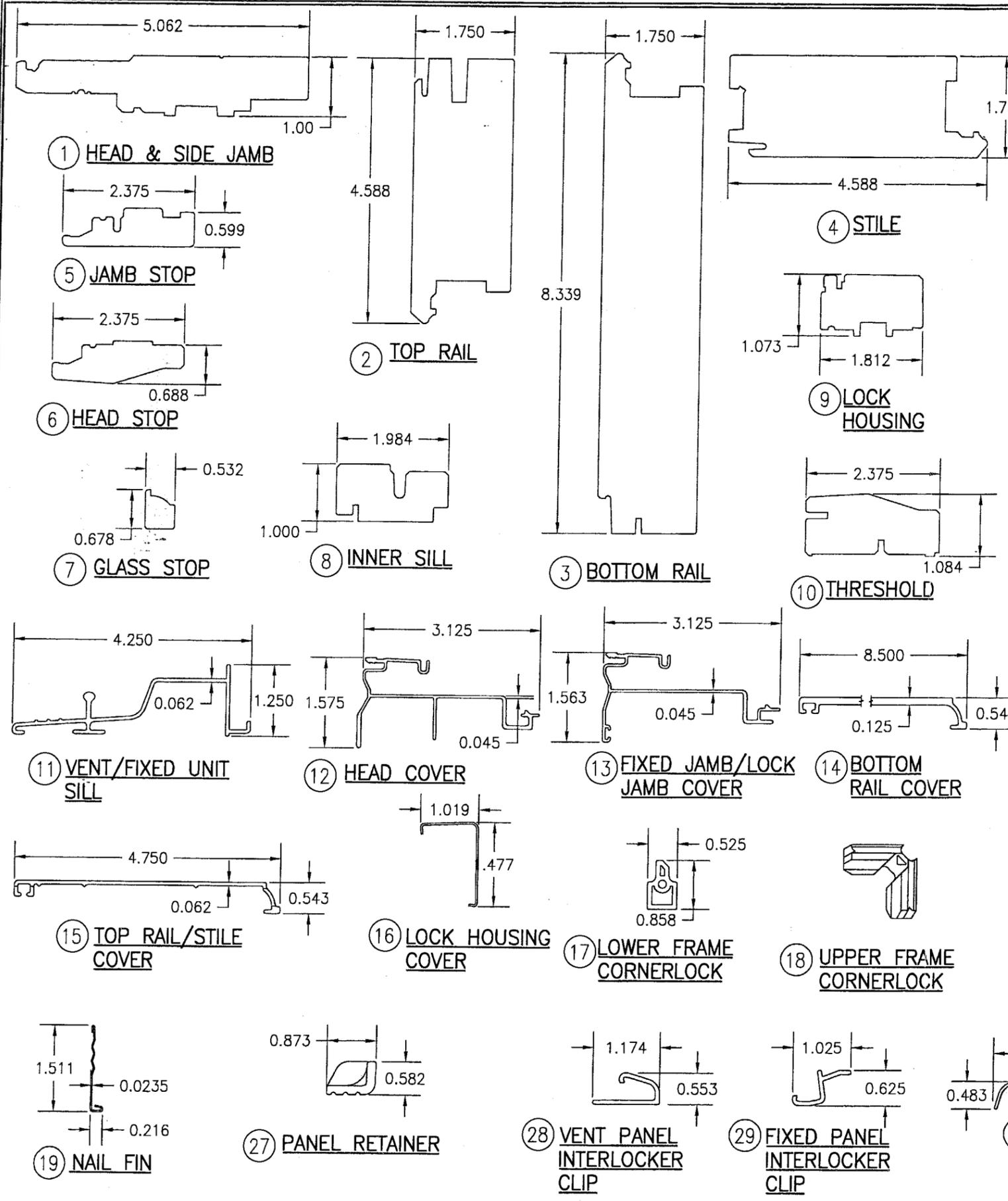
PELLA CORPORATION
 102 MAIN STREET
 PELLA, IA 50219
 641-621-1000



CONSULTANTS
W. W. SCHAEFER ENGINEERING & CONSULTING, P.A.
 8855 N. MILITARY TRAIL, SUITE C-204
 PALM BEACH GARDENS, FL 33410
 PHONE: 561-775-4902 FAX: 561-775-4903

CERTIFICATION
 AUG 8 2005
 WARREN W. SCHAEFER, P.E.
 P.E. NO. 44133

DRAWING NO. 1299
 SHEET NO. 3 OF 4
 REV. A



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.

* WOOD USED WITH TEST UNITS WAS SELECT WESTERN PINE. ALTERNATE WOOD SPECIES TO BE APPLICABLE WITH THESE WINDOWS IS MIN. GRADE 2 MAHOGANY, SOUTHERN PINE, OAK, CHERRY, MAPLE, DOUGLAS FIR & CYPRUS.

PRODUCT REVISED
 as complying with the Florida
 Building Code
 Acceptance No. 05-0819-04
 Expiration Date 04/21/10
 By: *[Signature]*
 Miami Dade Product Control
 Division

DRAWN BY: K.P.S. CHECKED BY: W.W.S. PLOT: 1=2 DATE: 04/22/04	ARCHITECT SERIES ALUMINUM CLAD WOOD IMPACT SLIDING DOOR MANUFACTURER PELLA CORPORATION 102 MAIN STREET PELLA, IA 50219 641-621-1000
REVISION DESCRIPTION NO. BY DATE	
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	CERTIFICATION AUG 28 2005 WAREK W. SCHAEFER, P.E. P.E. NO. 44155
DRAWING NO. 1299 SHEET NO. 4 OF 4	REV. A