



MIAMI-DADE COUNTY
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

www.buildingcodeonline.com

NOTICE OF ACCEPTANCE (NOA)

Vetter Windows and Doors

South View Drive
Mosinee, WI 54455

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: "Vetter Impact" Aluminum Clad Outswing Wood French Door - LMI

APPROVAL DOCUMENT: Drawing No. 1391, titled "Vetter Impact Aluminum Clad Outswing French Door", sheets 1 through 6 of 6, dated 01/25/05, prepared by W.W. Schaefer Engineering & Consulting, P.A., signed and sealed by Warren 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 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.

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# 03-0109.03 and, consists of this page 1 and evidence pages E-1, E-2 and E-3, as well as approval document mentioned above

The submitted documentation was reviewed by **Manuel Perez, P.E.**



NOA No 05-0606.08
Expiration Date: May 22, 2008
Approval Date: August 04, 2005
Page 1

Vetter Windows and Doors

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

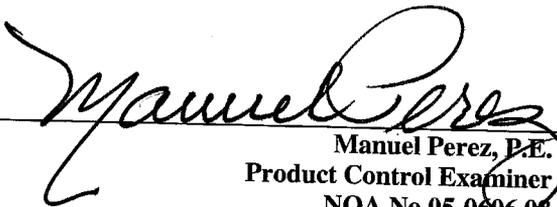
A. DRAWINGS

1. Manufacturer's die drawings and sections.
2. Drawing No. **1391**, titled "Vetter Impact Aluminum Clad Outswing French Door", sheets 1 through 6 of 6, dated 01/25/05, prepared by W.W. Schaefer Engineering & Consulting, P.A., signed and sealed by Warren Schaefer, P.E.

B. TESTS

Submitted under NOA#03-0109.03

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) Forced Entry Test, per FBC 2411 3.2.1 and TAS 202-94
along with marked-up drawings and installation diagram of an outswing French door, prepared by Twin City Testing Corporation, Test Report No. **180-6392.1** dated 5/14/02, signed and sealed by Derrick Swanson, P.E.
2. Test reports on 1) Large Missile Impact Test per FBC, TAS 201-94
2) Uniform Static Air Pressure Test, Loading per FBC, TAS 202-94
3) Cyclic Wind Pressure Loading per FBC, TAS 203-94
along with marked-up drawings and installation diagram of an outswing French door, prepared by Twin City Testing Corporation, Test Report No. **180-6392.2** dated 5/14/02, signed and sealed by Derrick Swanson, P.E.
3. 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
along with marked-up drawings and installation diagram of an outswing French door, prepared by Twin City Testing Corporation, Test Report No. **180-6392.3** dated 5/14/02, signed and sealed by Derrick Swanson, P.E.
4. Test reports on 1) Large Missile Impact Test per FBC, TAS 201-94
2) Cyclic Wind Pressure Loading per FBC, TAS 203-94
along with marked-up drawings and installation diagram of an outswing French door, prepared by Twin City Testing Corporation, Test Report No. **180-6392.4** dated 5/14/02, signed and sealed by Derrick Swanson, P.E.


Manuel Perez, P.E.
Product Control Examiner

NOA No 05-0606 08

Expiration Date: May 22, 2008

Approval Date: August 04, 2005

Vetter Windows and Doors

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

5. 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
along with marked-up drawings and installation diagram of an outswing French door, prepared by Twin City Testing Corporation, Test Report No. **180-6394.1** dated 5/21/02, signed and sealed by Derrick Swanson, P.E.
6. Test reports on 1) Large Missile Impact Test per FBC, TAS 201-94
2) Uniform Static Air Pressure Test, Loading per FBC, TAS 202-94
3) Cyclic Wind Pressure Loading per FBC, TAS 203-94
along with marked-up drawings and installation diagram of an outswing French door, prepared by Twin City Testing Corporation, Test Report No. **180-66409.1** dated 6/26/02, signed and sealed by Derrick Swanson, P.E.

C. CALCULATIONS

Submitted under NOA#03-0109.03

1. Anchor Calculations and structural analysis, prepared by W.W. Schaefer Engineering & Consulting, P.A., dated 12/02/02, signed and sealed by Warren Schaefer, P.E.
2. Revised Anchor Calculations and structural analysis, prepared by W.W. Schaefer Engineering & Consulting, P.A., dated 03/26/03, signed and sealed by Warren 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

Submitted under NOA#03-0109.03

1. Notice of Acceptance No. **03-0421.01** issued to Solutia, Inc. for "Saflex HP" dated 05/22/03, expiring on 4/18/08.
2. Notice of Acceptance No. **01-1204.01** issued to EI. DuPont DeNemours, Inc. for "Sentry Glass (R) Plus" dated 1/17/02, expiring on 1/14/07.



Manuel Pérez, P.E.
Product Control Examiner
NOA No 05-0606.08
Expiration Date: May 22, 2008
Approval Date: August 04, 2005

Vetter Windows and Doors

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

F. STATEMENTS

Submitted under NOA#03-0109.03

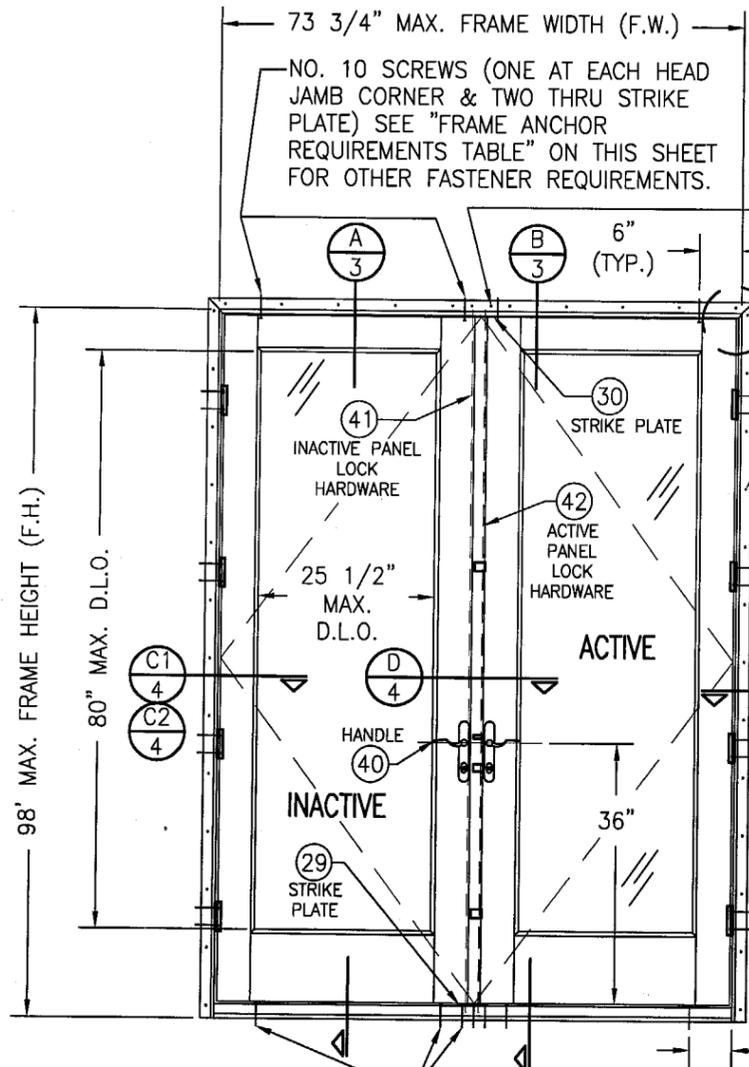
1. Statement letter of conformance, dated 12/2/02, signed and sealed by Warren Schaefer, P.E.
2. Statement letter of no financial interest, dated 12/2/02, signed and sealed by Warren Schaefer, P.E.

G. OTHER

1. Notice of Acceptance No. **03-0109.03**, issued to Weather Shield Manufacturing, Inc. for their "1 ¾" Contempra Outswing French Door", approved on 05/22/03 and expiring on 05/22/08.
2. Letter from the consultant stating that the product is in compliance with the Florida Building Code (FBC).

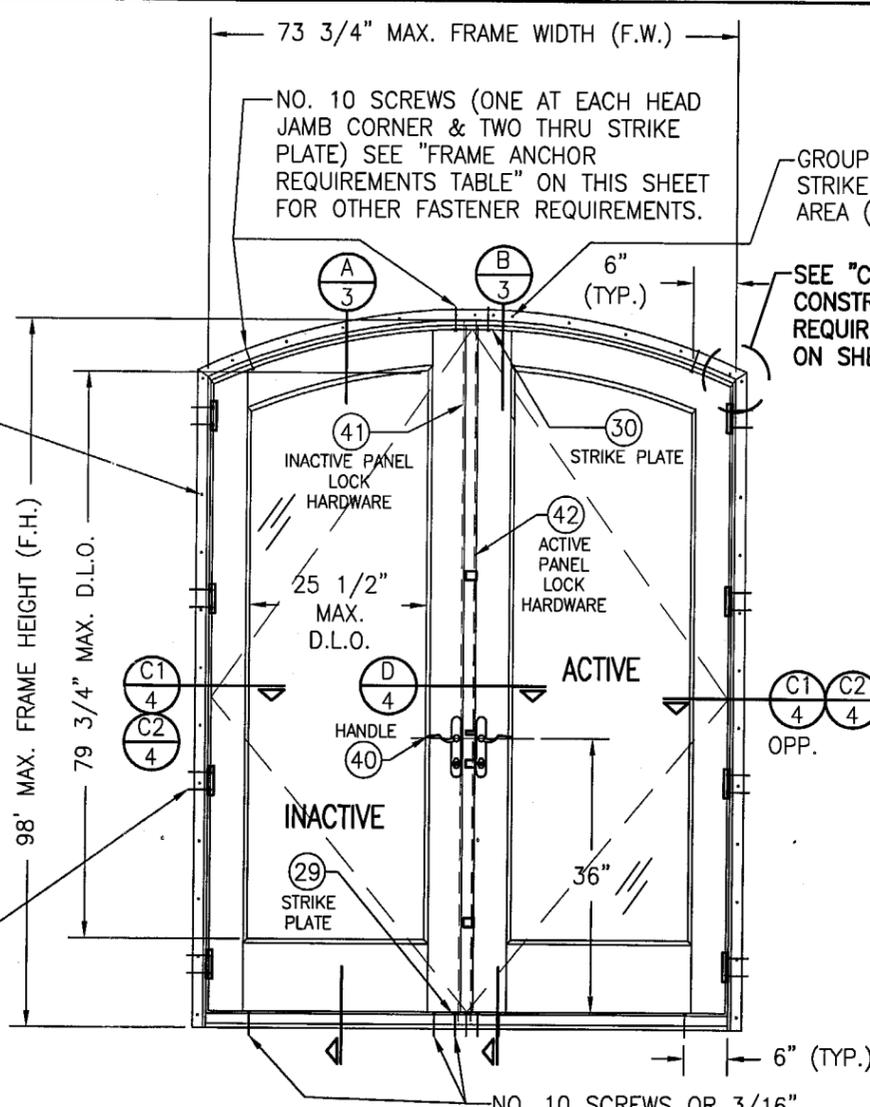


Manuel Perez, P.E.
Product Control Examiner
NOA No 05-0606.08
Expiration Date: May 22, 2008
Approval Date: August 04, 2005



**EXTERIOR ELEVATION
DOUBLE RECTANGULAR OUTSWING DOOR**

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



**EXTERIOR ELEVATION
DOUBLE EYEBROW TOP OUTSWING DOOR**

SCALE: 1/2"=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 DESIGN LOADS" 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 STATE CODE PROTOCOLS TAS-201, 202 & 203 FOR LARGE MISSILE IMPACT DOORS.
5. THESE DOOR SYSTEMS HAVE BEEN DESIGNED IN ACCORDANCE WITH THE FLORIDA BUILDING CODE (FBC).
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.

FRAME ANCHOR REQUIREMENTS TABLE

FRAME ANCHOR REQUIREMENTS TABLE			
FIN SCREWS			
OPENING TYPE (SUBSTRATE)	JAMB TO OPENING FASTENER TYPE	MINIMUM EMBED	MINIMUM EDGE DIST.
2X_ WOOD FRAME OR BUCK	NO. 8 SMS SCREW	1 3/8"	1/2"
SHEAR SCREWS			
2X_ WOOD FRAME OR BUCK	NO. 10 SMS SCREW	1 1/4"	3/4"
CMU/CONCRETE	(1) 3/16" CONCRETE SCREWS	1 1/4"	2"
(1) CONCRETE SCREWS SHALL BE ITW RAMSET/RED HEAD OR ELCO TAPCONS, HILTI KWIK-CON II OR POWERS RAWL TAPPER. (HARDENED STEEL OR S.S.)			

ALLOWABLE DESIGN LOAD

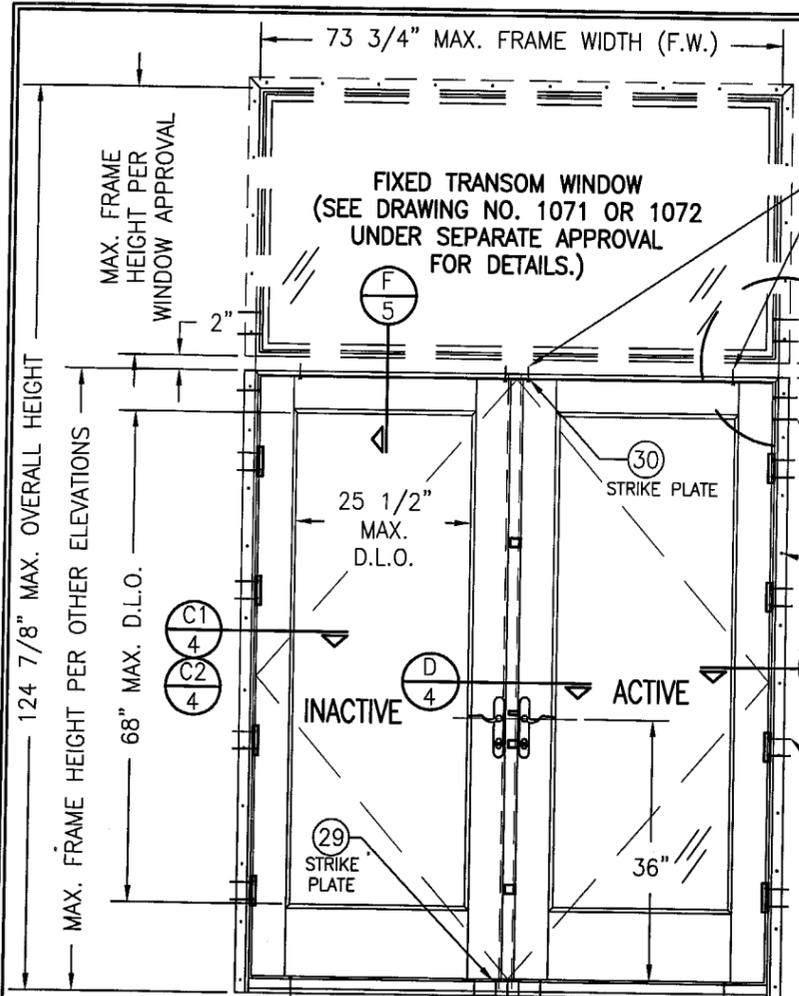
POSITIVE	NEGATIVE
65 PSF	65 PSF

HINGE REQUIREMENTS

DOOR HEIGHT	# HINGES REQ'D
ALL SIZES	4

PRODUCT REVISED as complying with the Florida Building Code
Acceptance No. 05-0606-08
Expiration Date MAY 22, 2008
By *Warren W. Schaefer*
Miami Dade Product Control Division

DRAWN BY: S.T.R.	CHECKED BY: W.W.S.
PLOT: 1=24	DATE: 1/25/05
DATE	BY
REVISION DESCRIPTION	
NO.	
DRAWING TITLE VETTER IMPACT ALUMINUM CLAD OUTSWING FRENCH DOOR	
CONSULTANTS W. W. SCHAEFER ENGINEERING & CONSULTING, P.A.	MANUFACTURER VETTER WINDOWS & DOORS
600 SANDTREE DRIVE, SUITE 203B PALM BEACH GARDENS, FL 33403 PHONE: 561-775-4902 FAX: 561-775-4903	1000 SOUTHWIND DRIVE MOSINEE, WI 54455 715-693-7000
CERTIFICATION JAN 25 2005	WARREN W. SCHAEFER, P.E. P.E. NO. 44135
DRAWING NO. 1391	REV.
SHEET NO. 1	OF 6



**EXTERIOR ELEVATION
DOUBLE OUTSWING DOOR WITH TRANSOM**

SCALE: 1/2"=1'-0"
(FOR ALL DOOR DETAILS NOT SHOWN, SEE
RECTANGULAR DOOR ELEVATION ON SHEET 1.)

CORNER CONSTRUCTION:

RECTANGULAR DOOR WOOD JAMB: HEAD CORNERS WERE DADO CUT & FASTENED WITH WOOD GLUE & 3 #8 X 2 1/2" DRYWALL SCREWS. SILL FRAME CORNERS WERE DADO CUT, SEALED WITH A GASKET & SILICONE ON THE INTERIOR, & SECURED WITH 3 #8 X 2 1/2" DRYWALL SCREWS PER CORNER.

EYEBROW DOOR WOOD JAMB: HEAD CORNERS WERE MITER CUT & FASTENED WITH WOOD GLUE & A BISCUIT.

SILL: DADO CUT, SEALED WITH A GASKET ON THE INTERIOR, SEALED WITH SILICONE & SECURED WITH 3 #8 X 2 1/2" DRYWALL SCREWS PER CORNER.

JAMB CLAD: MITER CUT AND SECURED WITH 1 NO. 6 X 1" SMS PER CORNER.

STILE/RAIL: PANEL CORNERS WERE SQUARE CUT, SECURED WITH 3/4" X 3" WOOD DOWELS (2 PER TOP CORNER & 4 PER BOTTOM CORNER) AND WOOD GLUE.

STILE/RAIL CLAD: SQUARE CUT, SLIP-FIT & SEALED WITH SILICONE.

NO. 10 SCREWS INTO MULLION TUBE (ONE 6" OFF EACH HEAD JAMB CORNER & 4 THROUGH STRIKE PLATE)

SEE MULLION END CLIP DETAIL ON THIS SHEET.

#10 FRAME SCREW (2 EACH SIDE OF MULLION). SEE "FRAME ANCHOR REQUIREMENTS TABLE" ON SHEET 1 FOR OTHER FASTENER REQUIREMENTS.

NAIL FIN WITH #8 SCREWS WITHIN 4" OF CORNERS AND AT 8" O.C. AROUND FRAME. GROUP 4 SCREWS AT HEAD STRIKE LOCATION. SEE "FRAME ANCHOR REQUIREMENTS TABLE" ON THIS SHEET FOR OTHER FASTENER REQUIREMENTS.

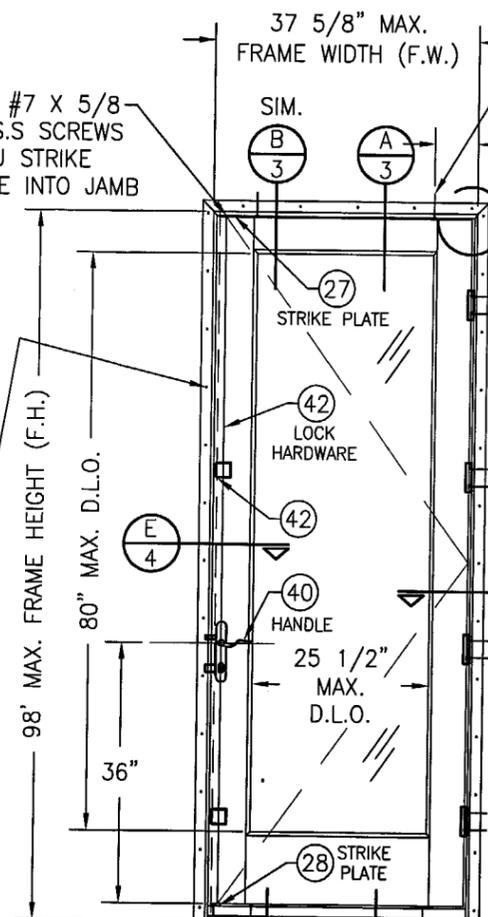
#10 S.S. HINGE SCREW INTO BUCK (2 PER HINGE). SEE "FRAME ANCHOR REQUIREMENTS" TABLE ON THIS SHEET FOR OTHER FASTENER REQUIREMENTS.

NO. 10 SCREWS OR 3/16" CONCRETE SCREWS INTO SUBSTRATE (SEE RECTANGULAR DOOR ON SHEET 1 FOR REQUIREMENTS)

TWO #7 X 5/8 FH S.S. SCREWS THRU STRIKE PLATE INTO JAMB

NO. 10 SCREWS (ONE AT EACH CORNER OF HEAD JAMB) SEE "FRAME ANCHOR REQUIREMENTS" TABLE ON SHEET 1 FOR OTHER FASTENER REQUIREMENTS.

SEE "CORNER CONSTRUCTION REQUIREMENTS" ON SHEET 2.



**EXTERIOR ELEVATION
SINGLE OUTSWING DOOR**

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

NO. 10 SCREWS OR 3/16" CONCRETE SCREWS INTO SUBSTRATE (ONE THROUGH STRIKE PLATE & ONE AT EACH SILL CORNER) SEE "FRAME ANCHOR REQUIREMENTS TABLE" ON SHEET 1 FOR OTHER FASTENER REQUIREMENTS.

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 05-0606-08
Expiration Date MAY 22, 2008

By *Manuel Ferraz*
Miami Dade Product Control
Division

#7 X 3/4" PH SMS (4 PER CLIP)

3/8" MAX.

MULLION END CLIP 20 GA. (0.034") X 1.5" X MIN. 5.5" LONG (MIN. 33 KSI GALVANIZED STEEL)

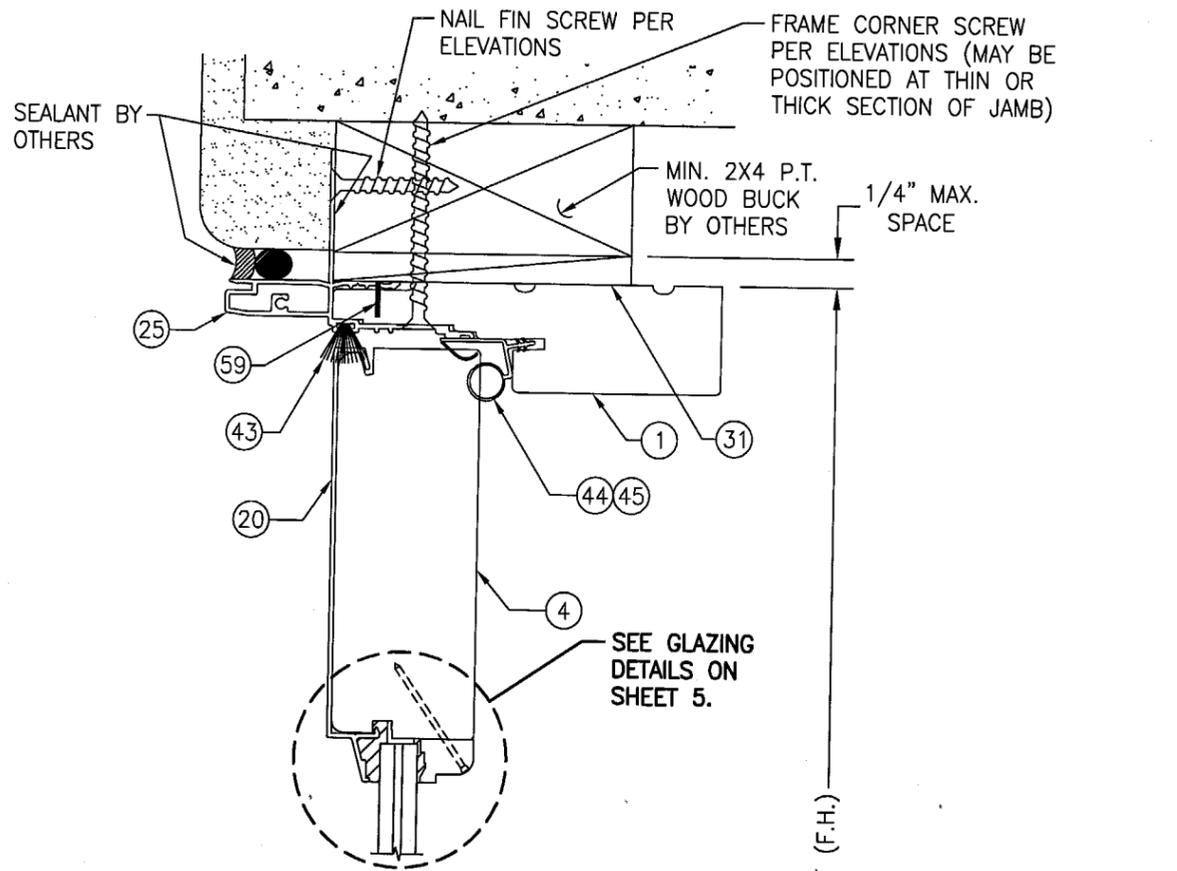
2" X 5" X 1/8" TUBE MULLION (MIN. 6063-T5 ALUMINUM)

MIN. 2X4 P.T. WOOD BUCK BY OTHERS

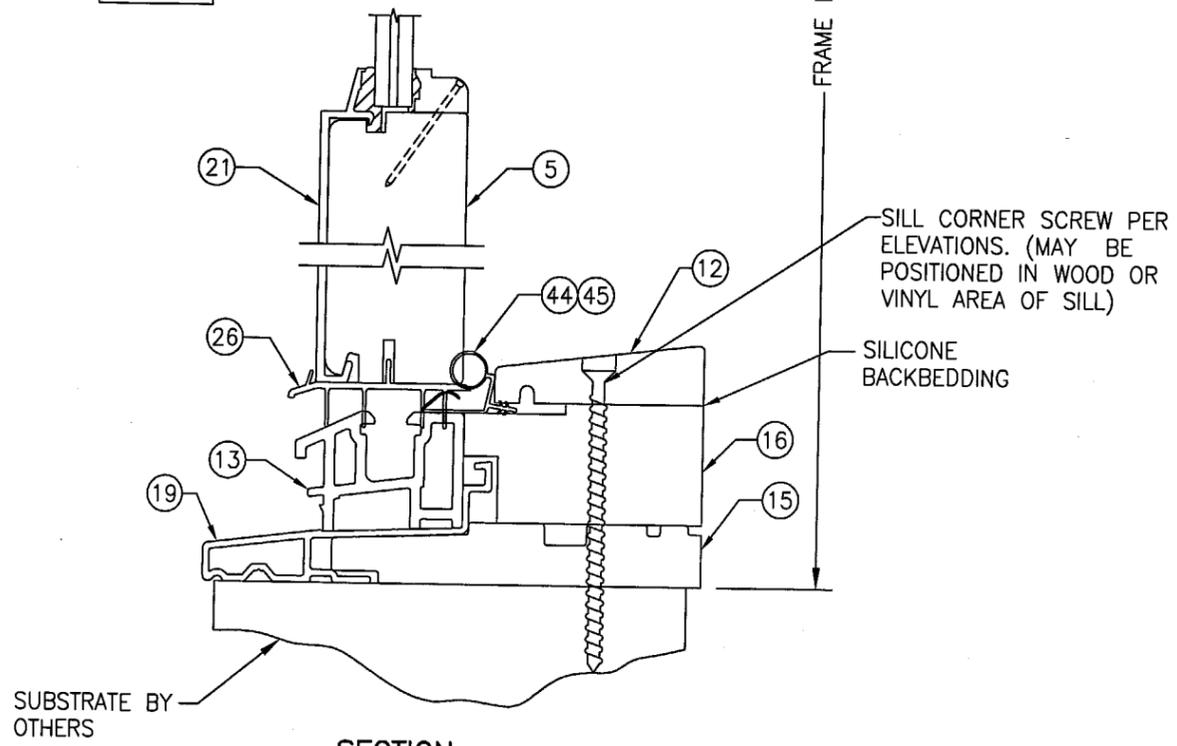
11 GA. X 1 1/2" ROOFING NAIL (2 PER CLIP)

MULLION END CLIP DETAIL

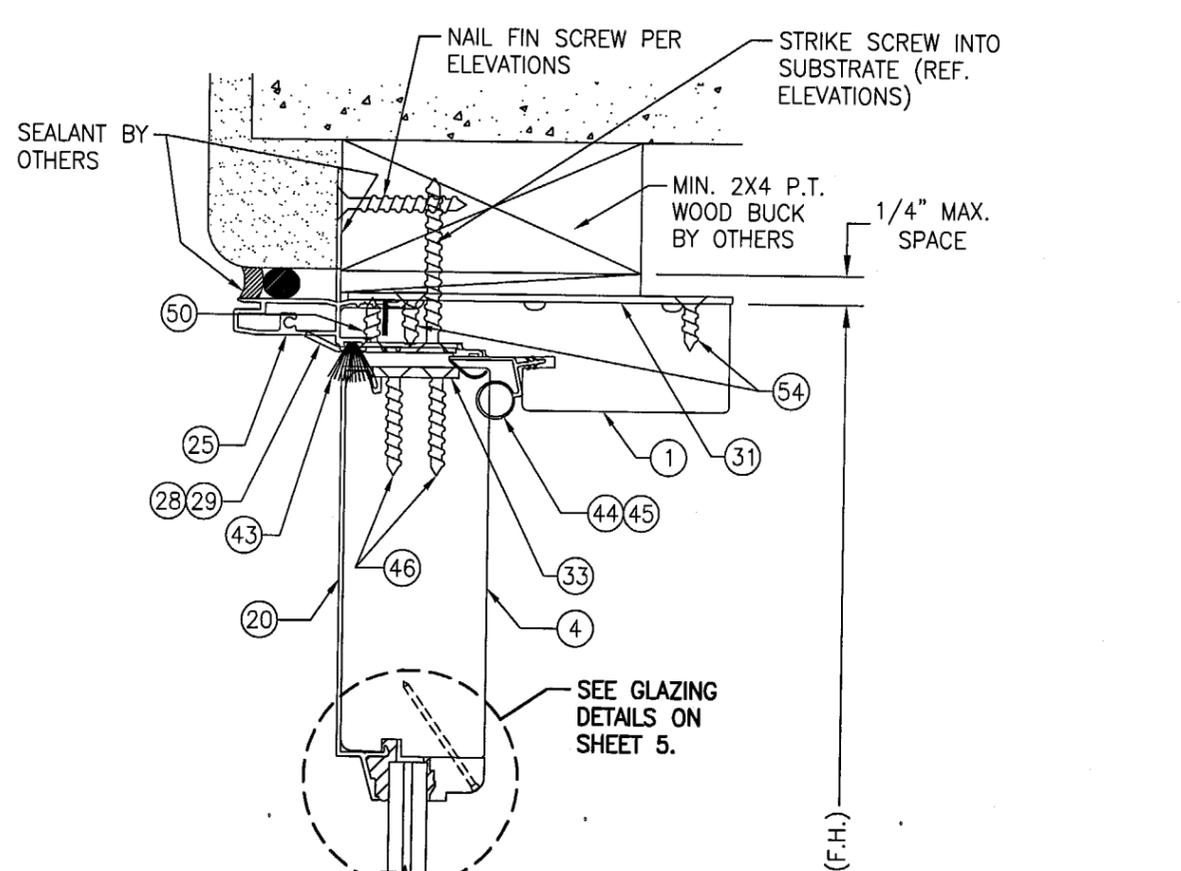
DRAWN BY: S.T.R.	CHECKED BY: W.W.S.
PLOT: 1-24	DATE: 1/25/05
NO.	REVISION DESCRIPTION
DATE	BY
DRAWING TITLE: VETTER IMPACT ALUMINUM CLAD OUTSWING FRENCH DOOR	
CONSULTANTS	MANUFACTURER
W. W. SCHAEFER ENGINEERING & CONSULTING, P.A.	VETTER WINDOWS & DOORS
600 SANDTREE DRIVE, SUITE 203B PALM BEACH GARDENS, FL 33403	1000 SOUTHWIND DRIVE MOSINEE, WI 54455
PHONE: 561-775-4802 FAX: 561-775-4903	715-693-7000
CERTIFICATION	
JAN 25 2005	
WARREN W. SCHAEFER, P.E. P.E. NO. 44135	
DRAWING NO. 1391	REV.
SHEET NO. 2	OF 6



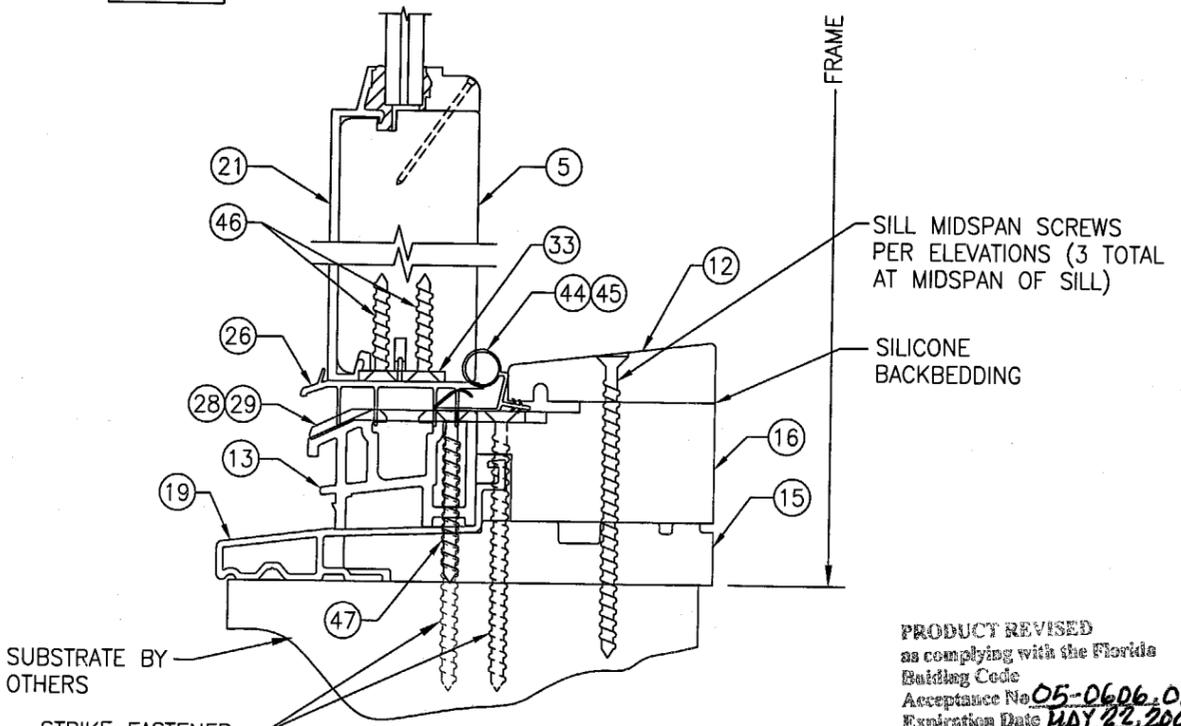
EXTERIOR



SECTION A
SCALE: 1/2 FULL



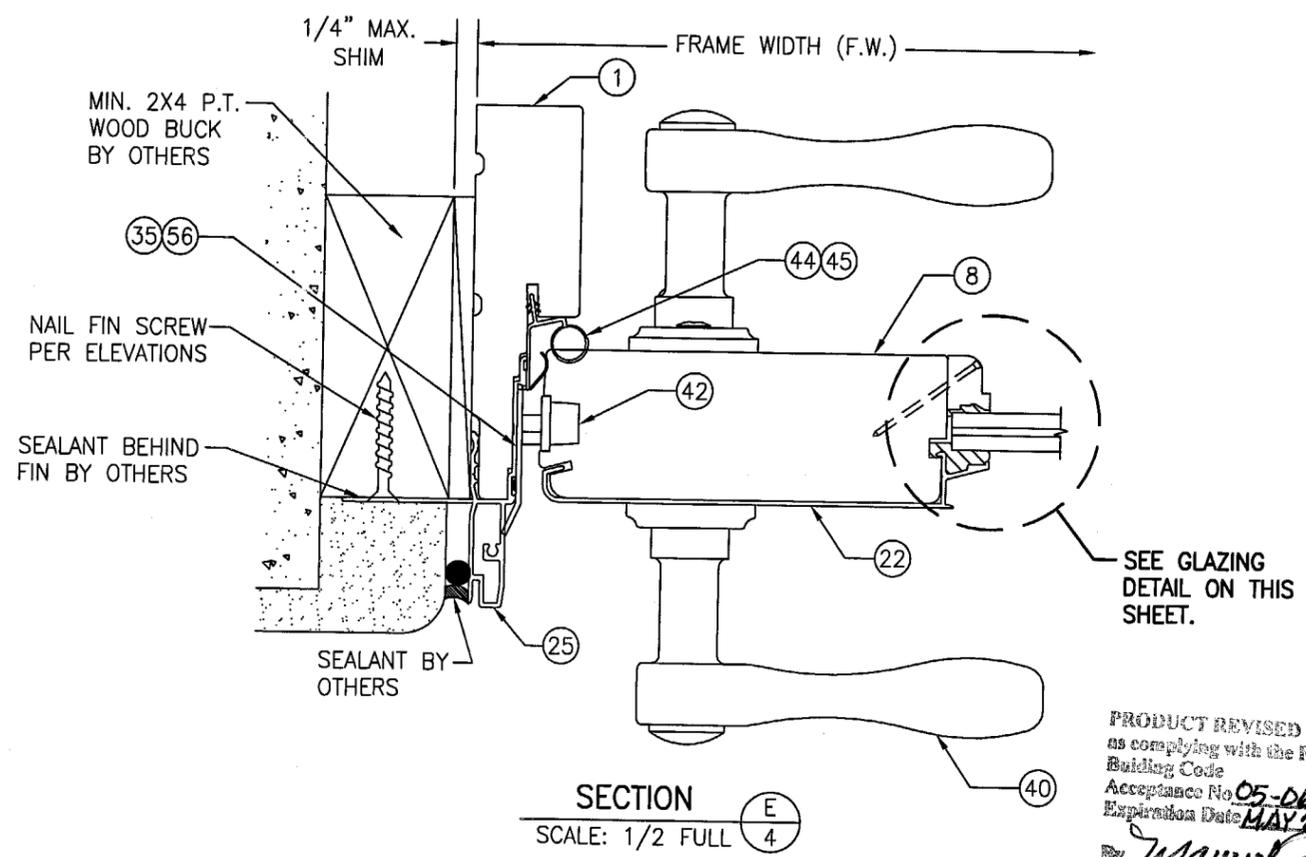
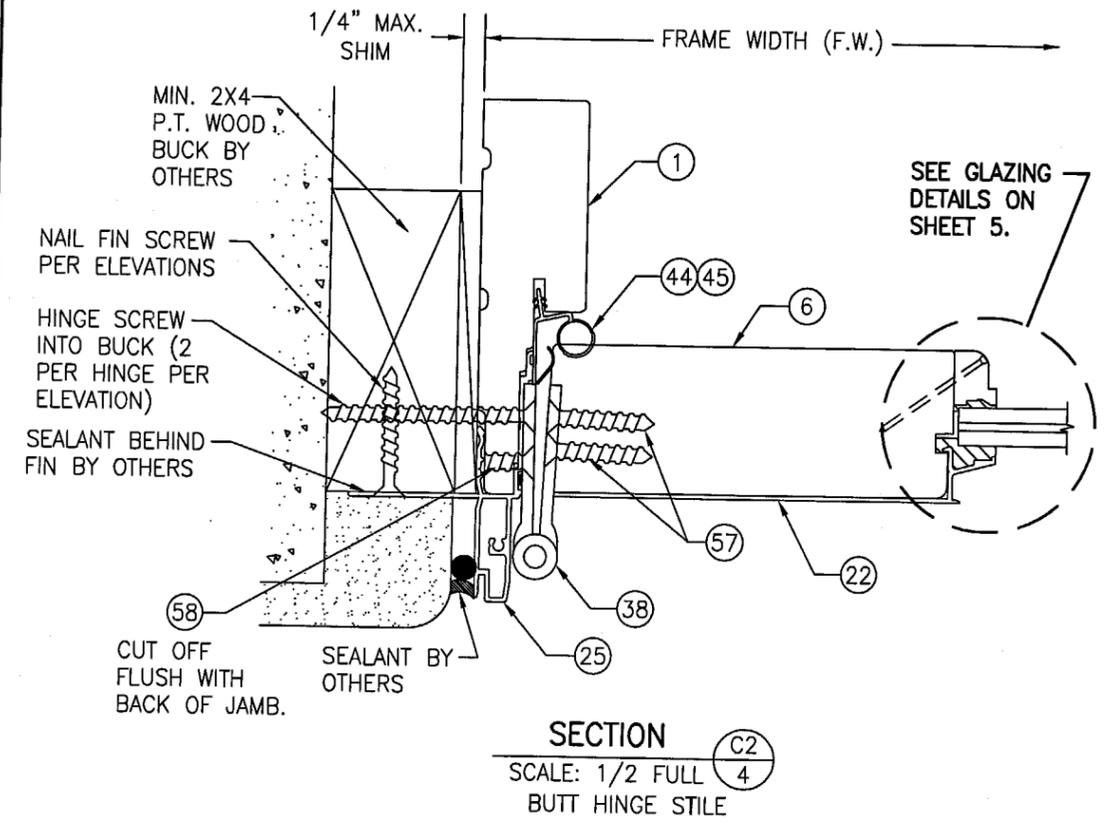
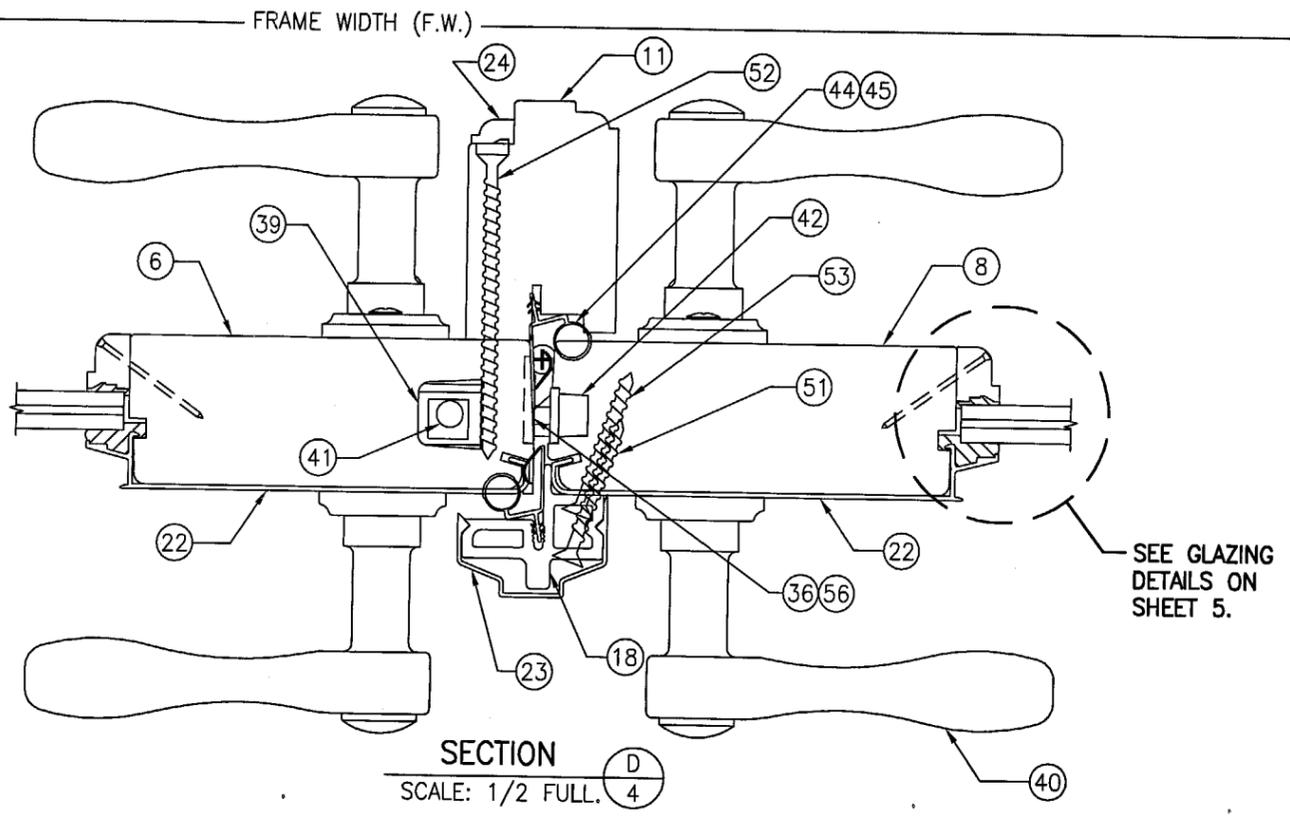
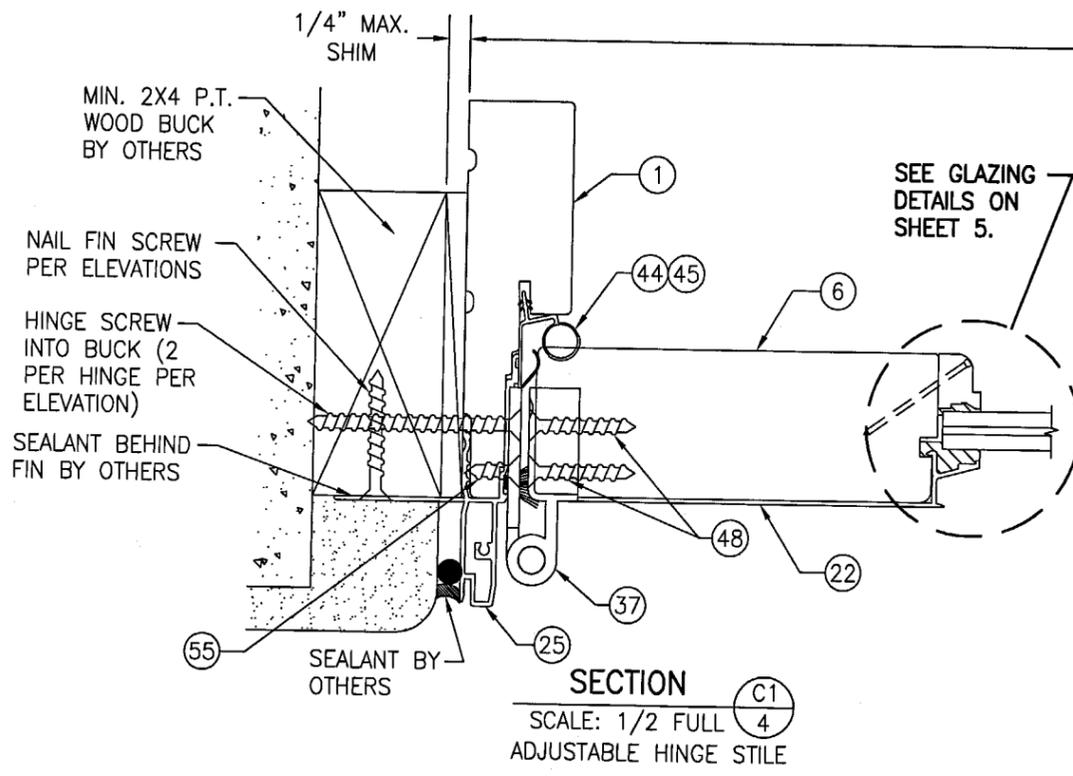
EXTERIOR



SECTION B
SCALE: 1/2 FULL

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 05-0606.08
Expiration Date MAY 22, 2008
By *Manuel Perez*
Miami Dade Product Control
Division

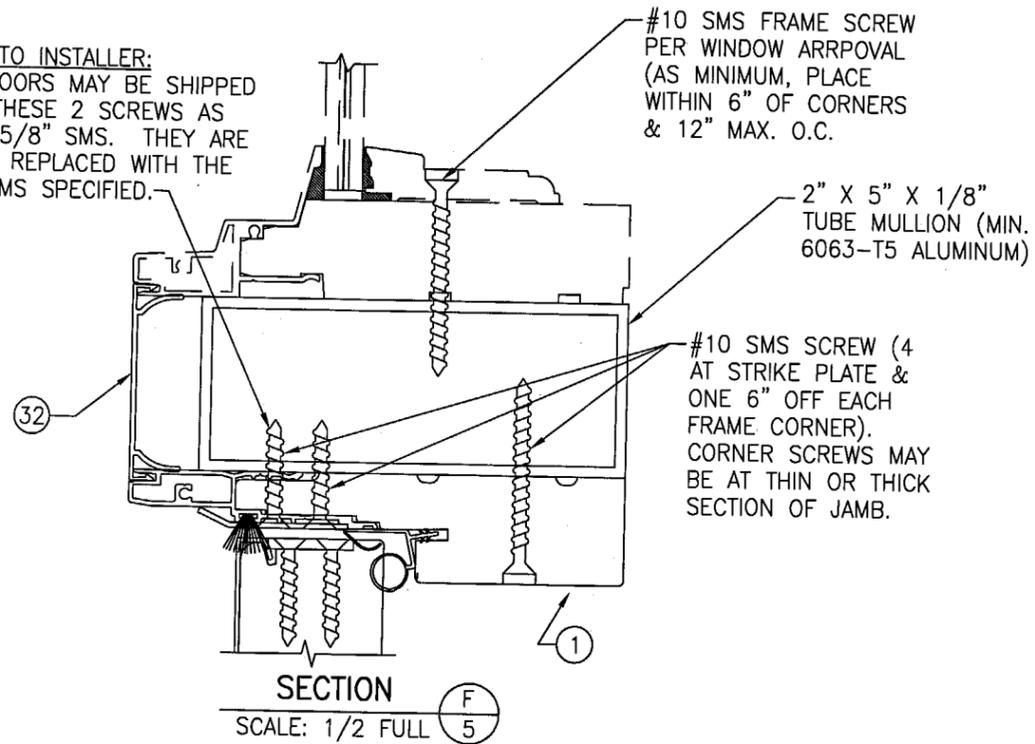
DRAWN BY: S.T.R.		CHECKED BY: W.W.S.	
PLOT: 1=24		DATE: 1/25/05	
NO.	REVISION DESCRIPTION	BY	DATE
DRAWING TITLE: VETTER IMPACT ALUMINUM CLAD OUTSWING FRENCH DOOR			
MANUFACTURER: VETTER WINDOWS & DOORS 1000 SOUTHVIEW DRIVE MOSINEE, WI 54455 715-693-7000			
CONSULTANTS: W. W. SCHAEFER ENGINEERING & CONSULTING, P.A. 600 SANDTREE DRIVE, SUITE 203B PALM BEACH GARDENS, FL 33403 PHONE: 561-775-4902 FAX: 561-775-4903			
CERTIFICATION: JAN 25 2005 WARREN W. SCHAEFER, P.E. P.E. NO. 44135			
DRAWING NO. 1391		REV.	
SHEET NO. 3		OF 6	



PRODUCT REVISED as complying with the Florida Building Code
 Acceptance No. 05-0606-08
 Expiration Date MAY 22, 2008
 By: *Warren W. Schaefer*
 Miami Basic Product Control Division

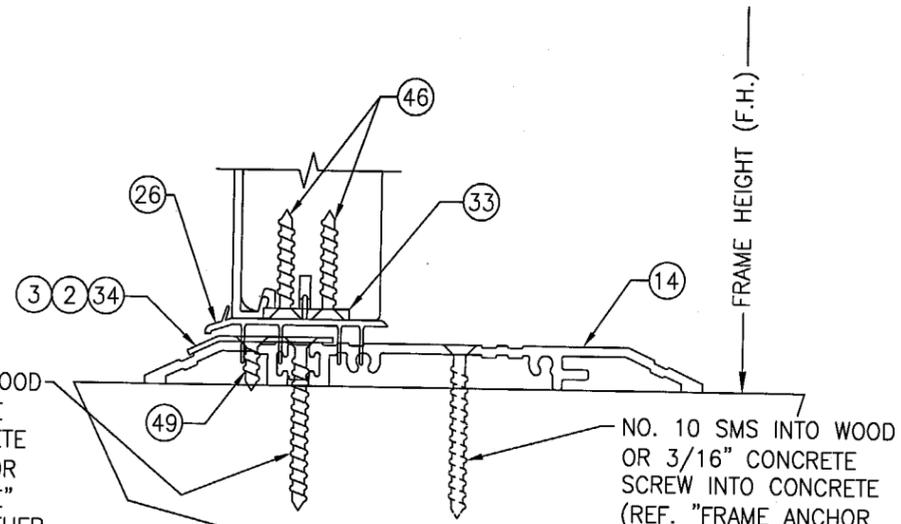
DRAWN BY: S.T.R.		CHECKED BY: W.W.S.	
PLOT: 1=24		DATE: 1/25/05	
NO.	REVISION DESCRIPTION	BY	DATE
DRAWING TITLE: VETTER IMPACT ALUMINUM CLAD OUTSWING FRENCH DOOR			
MANUFACTURER: VETTER WINDOWS & DOORS 1000 SOUTHVIEW DRIVE MOSINEE, WI 54455 715-693-7000			
CONSULTANTS: W. W. SCHAEFER ENGINEERING & CONSULTING, P.A. 600 SANDTREE DRIVE, SUITE 203B PALM BEACH GARDENS, FL 33403 PHONE: 561-775-4902 FAX: 561-775-4903			
CERTIFICATION: JAN 25 2005		WARREN W. SCHAEFER, P.E. P. O. BOX 44135 MIAMI, FL 33141	
DRAWING NO. 1391		REV. 1	
SHEET NO. 4		OF 6	

NOTE TO INSTALLER:
THE DOORS MAY BE SHIPPED WITH THESE 2 SCREWS AS #7 X 5/8" SMS. THEY ARE TO BE REPLACED WITH THE #10 SMS SPECIFIED.



SECTION F-5
SCALE: 1/2 FULL

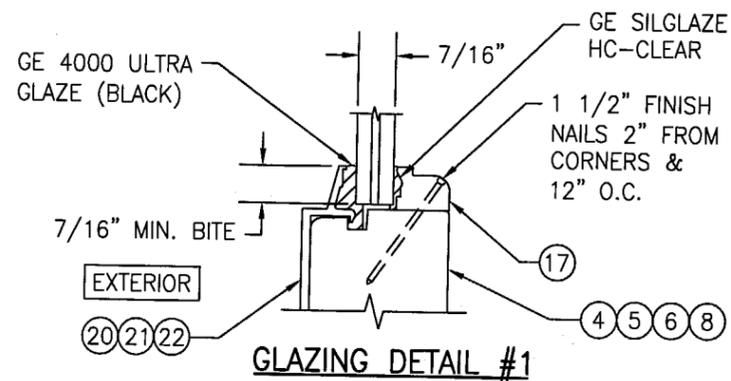
NO. 10 SMS INTO WOOD OR 3/16" CONCRETE SCREW INTO CONCRETE (REF. "FRAME ANCHOR REQUIREMENTS TABLE" ON SHEET 1 FOR OTHER ANCHOR REQUIREMENTS). 2 ANCHORS PER STRIKE WHEN INTO CONCRETE; 4 PER STRIKE WHEN INTO WOOD.



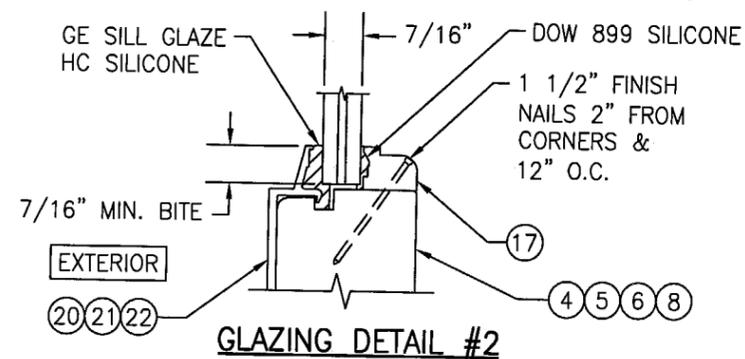
OPTIONAL ADA SILL DETAIL

SILL SCREWS SHOWN CONSIDER A DOUBLE DOOR CONDITION. AT SINGLE DOORS, ONLY 3 SILL SCREWS ARE REQUIRED (6" FOR SILL ENDS AND AT SILL MIDSPAN). STRIKE SCREWS ONLY NEED TO PENETRATE THRESHOLD AT SINGLE DOOR.

NO. 10 SMS INTO WOOD OR 3/16" CONCRETE SCREW INTO CONCRETE (REF. "FRAME ANCHOR REQUIREMENTS TABLE" ON SHEET 1 FOR OTHER ANCHOR REQUIREMENTS). ONE 6" FROM EACH END OF SILL AND 2 AT SILL MIDSPAN SPACED 6" APART.



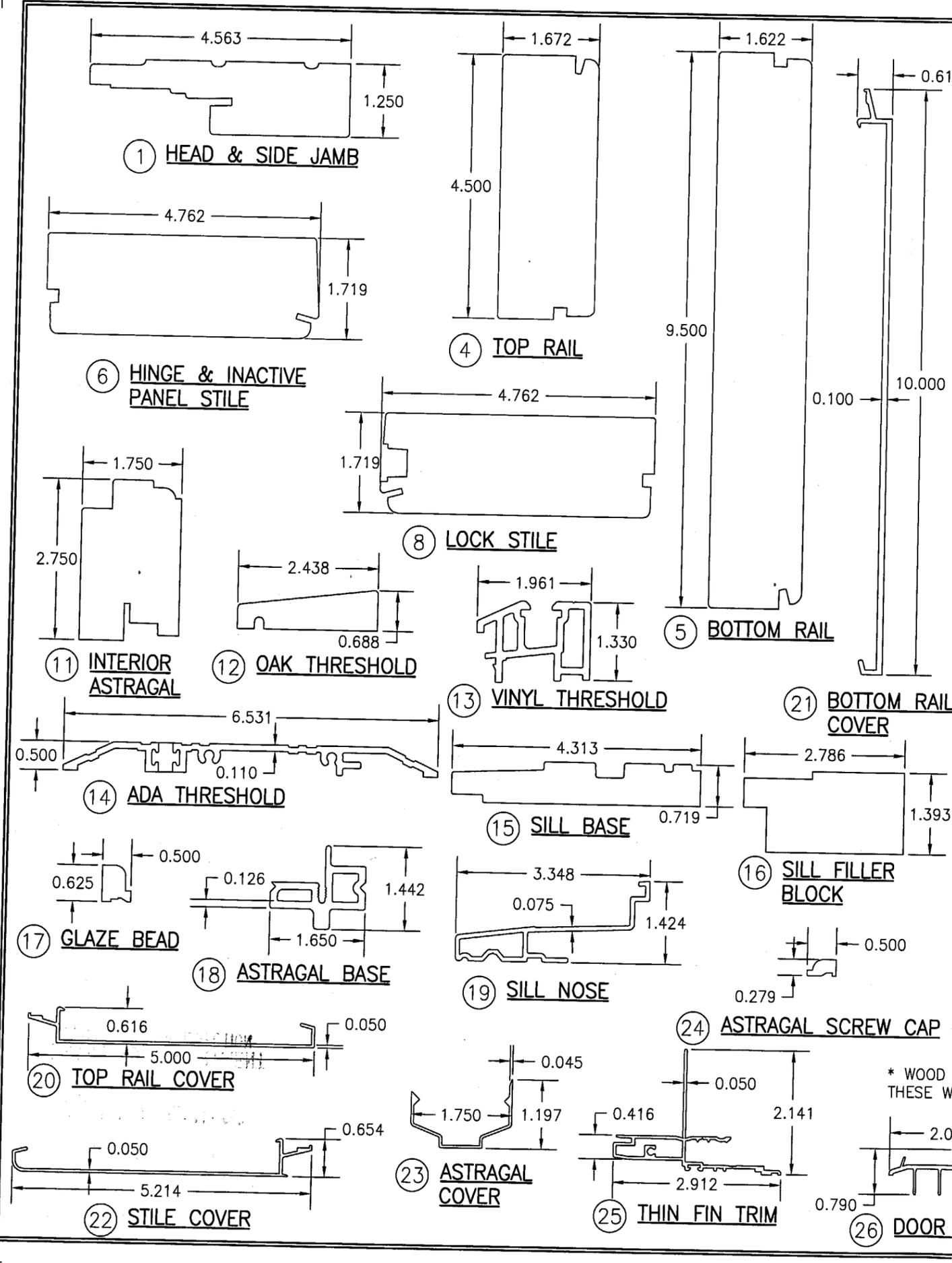
- OPTION #1: 7/16" THICK DUPONT SGP LAMINATED GLASS (3/16" ANNEALED/.090" SGP/3/16" ANNEALED)
- OPTION #2: 7/16" SOLUTIA SAFLEX LAMINATED GLASS (3/16" ANNEALED/0.090 SAFLEX PVB/3/16" ANNEALED)



- OPTION #1: 7/16" THICK DUPONT SGP LAMINATED GLASS (3/16" ANNEALED/.090" SGP/3/16" ANNEALED)
- OPTION #2: 7/16" SOLUTIA SAFLEX LAMINATED GLASS (3/16" ANNEALED/0.090 SAFLEX PVB/3/16" ANNEALED)

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 05-0606-08
Expiration Date MAY 22, 2008
By Manuel Perez
Miami Trade Product Control
Division

DRAWN BY: S.T.R.		CHECKED BY: W.W.S.	
PLOT: 1=24		DATE: 1/25/05	
NO.	REVISION DESCRIPTION	BY	DATE
DRAWING TITLE: VETTER IMPACT ALUMINUM CLAD OUTSWING FRENCH DOOR			
CONSULTANTS		MANUFACTURER	
W. W. SCHAEFER ENGINEERING & CONSULTING, P.A.		VETTER WINDOWS & DOORS	
600 SANDTREE DRIVE, SUITE 203B PALM BEACH GARDENS, FL 33403		1000 SOUTHWIND DRIVE MOSINEE, WI 54455	
PHONE: 561-775-4902 FAX: 561-775-4903		715-693-7000	
CERTIFICATION: JAN 25 2005			
WARREN W. SCHAEFER, P.E. P.E. NO. 44135			
DRAWING NO. 1391		REV.	
SHEET NO. 5		OF 6	



BILL OF MATERIALS

ITEM #	PART #	ITEM DESCRIPTION	MANUFACTURER/NOTES
PARTS			
1	08-0006-C2403	RECTANGULAR DOOR JAMB	* WESTERN PINE
2	12-1465-02	ADA DOUBLE DOOR STRIKE PLATE(0.06" X 1.752" X 4.65")	304 S.S.
3	12-0211-W2596	ADA SINGLE DOOR STRIKE PLATE(1" X 3.028" X 0.06")	304 S.S.
4	08-0072-W2427	TOP RAIL	* WESTERN PINE
5	08-0071-W2427	BOTTOM RAIL	* WESTERN PINE
6	08-0087-C2437	HINGE & INACTIVE LOCK STILE	* WESTERN PINE
8	08-0088-C2437	ACTIVE PANEL LOCK STILE	* WESTERN PINE
11	08-1460-02	INTERIOR ASTRAGAL	* WESTERN PINE
12	08-0005-W2402	THRESHOLD	OAK
13	02-V5128	THRESHOLD	VINYL
14	04-0050-W1802	ADA APPROVED THRESHOLD	6063-T5 ALUMINUM
15	08-0002-W2402	SILL BASE	* WESTERN PINE
16	08-0004-W2402	SILL FILLER BLOCK	* WESTERN PINE
17	08-2104-C2557	FLUSH GLAZE BEAD	* WESTERN PINE
18	05-A5627	ASTRAGAL BASE	6063-T5 ALUMINUM
19	04-0009-W2402	OUTSWING SILL NOSE	6063-T5 ALUMINUM
20	04-0056-C2427	TOP RAIL COVER	6063-T4 OR T5 ALUMINUM
21	04-0015-C2022	BOTTOM RAIL COVER	6063-T5 ALUMINUM
22	04-0016-C2033	STILE COVER	6063-T5 ALUMINUM
23	04-A5629	ASTRAGAL COVER	6063-T5 ALUMINUM
24	08-W8075	ASTRAGAL SCREW CAP	WESTERN PINE
25	04-A5617	THIN FIN TRIM	6063-T5 ALUMINUM
26	02-1512-02	BOTTOM SWEEP	VINYL
27	12-1580-02	SINGLE DOOR TOP BOLT STRIKE PLATE .12" X 0.80" X 2.853"	304 S.S.
28	12-1463-02	SINGLE DOOR SILL BOLT STRIKE PLATE .12" X .80" X 2.853"	304 S.S.
29	12-1464-02	DOUBLE DOOR SILL STRIKE PLATE .125" X 2.817" X 4.00"	304 S.S.
30	12-1465-02	DOUBLE DOOR HEAD STRIKE PLATE .060" X 1.762" X 5.634"	304 S.S.
31	12-1557-02	HEAD JAMB BACKER PLATE 4.500" X 10.125"	.080" STAINLESS STEEL
32	04-A1621	MULL COVER	6063-T5 ALUMINUM
33	12-1291-02	PANEL CORNER REINFORCEMENT BAR .12" X 1.00" X 10.10"	1 PER PANEL CORNER
34	12-0017-W2471	GROMMET (PLACED BELOW ADA SILL STRIKE)	PVC
35	12-1286-02	SINGLE DOOR STILE LOCK STRIKE .118" X 1.320" X 9.331"	304 STAINLESS STEEL
36	12-1607-02	DOUBLE DOOR STILE LOCK STRIKE .116" X 1.314" X 11.575"	304 STAINLESS STEEL
HARDWARE			
37	12-0001-W2477	ADJUSTABLE HINGE (PLATED STEEL OR S.S.)	VARIANT HEAVY DUTY OR MILLENIUM STANDARD
38	12-1594-02	4" X 4" BUTT HINGE (PLATED STEEL OR S.S.)	HAGER 1191
39	12-1601-02	10 MM SHOOT BOLT GUIDE	NYLON 6, 30% GLASS FIBER
40	-	HANDLE	AS REQUIRED TO OPERATE DOOR LOCKS
41	-	2-POINT INACTIVE PANEL LOCK ASSY. W/ 3/8" DIA. END RODS	HOPPE NORTH AMERICA HLS SERIES
42	-	5-POINT ACTIVE PANEL LOCK ASSY. W/ 3/8" DIA. END RODS	HOPPE NORTH AMERICA HLS 9000 SERIES
SEALS & SEALANTS			
43	12-0030-V0166	HEAD & SIDE TFT WEATHERSTRIP	POLYPROPYLENE
44	12-0005-P2262	INTEK ARLOC WEATHERSTRIP	VINYL
45	12-1602-02	AMESBURY WEATHERSTRIP	VINYL
FASTENERS			
46	-	#8 X 1 1/4" FH WOOD SCREWS	4 PER CORNER REINFORCEMENT PLATE
47	-	#8 X 1 1/2" FH SMS SCREWS	2 PER DBL./1 PER SINGLE DOOR SILL STRIKE PLATE
48	-	#8 X 1 1/4" FH WOOD SCREWS	4 PER ADJUSTABLE HINGE INTO STILE
49	-	#7 X 5/8" FH SMS	2 PER ADA SILL STRIKE PLATE
50	-	#7 X 5/8" FH WOOD SCREWS	2 PER HEAD STRIKE PLATE
51	-	#8 X 1 1/4" FH WOOD SCREWS	10" FROM ALUM. ASTRAGAL ENDS & 8" O.C.
52	-	#8 X 3 1/2" FH WOOD SCREWS	2" FROM INT. ASTRAGAL ENDS & 6" O.C.
53	-	#8 X 2" FH DRYWALL SCREWS	1 1/2" & 2 1/2" FROM PANEL ENDS
54	-	#7 X 5/8" FH WOOD SCREWS	8 PER HEAD JAMB BACKER PLATE
55	-	#8 X 5/8" FH WOOD SCREWS	2 PER ADJUSTABLE HINGE INTO JAMB
56	-	#7 X 5/8" FH WOOD SCREWS	3 PER LOCK STRIKE
57	-	#12 X 1 1/4" FH WOOD SCREWS	4 PER BUTT HINGE INTO STILE
58	-	#12 X 1 1/4" FH WOOD SCREWS	2 PER BUTT HINGE INTO JAMB
59	-	3/16" X 1/2" STAPLES	3" FROM CORNERS & MAX. 20" O.C.

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

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 05-0606-08
Expiration Date MAY 22, 2008

By *Manuel Sere*
Miami/Dade Product Control
Division

DRAWN BY: S.T.R.	CHECKED BY: W.W.S.
PLOT: 1=2	DATE: 1/25/05
DATE	BY
REVISION DESCRIPTION	NO.
DRAWING TITLE VETTER IMPACT ALUMINUM CLAD OUTSWING FRENCH DOOR	
MANUFACTURER VETTER WINDOWS & DOORS 1000 SOUTHWIEW DRIVE MOSINEE, WI 54455 715-693-7000	
CONSULTANTS W. W. SCHAEFER ENGINEERING & CONSULTING, P.A. 800 SANDTREE DRIVE, SUITE 203B PALM BEACH GARDENS, FL 33403 PHONE: 561-775-4902 FAX: 561-775-4903	
CERTIFICATION JAN 25 2005 WARREN W. SCHAEFER, P.E. P.E. NO. 44135	
DRAWING NO. 1391	REV.
SHEET NO. 6	OF 6