



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)

www.buildingcodeonline.com

Nana Wall Systems, Inc.
707 Redwood Highway
Mill Valley, Ca 94941

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 "SL-72" Outswing Aluminum Bifold Door-LMI

APPROVAL DOCUMENT: Drawing No. 1153, titled "SL72-Folding Aluminum Framed Outswing Glass Wall System", sheets 1 through 6 of 6, prepared by W.W. Schaefer Engineering & Consulting, P.A., dated 05/22/02, with revision "A1" dated 12/21/05 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

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# 02-0927.08 consists of this page 1 and evidence pages E-1, E-2 and E3, as well as approval document mentioned above.

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



J. Gascon
7/6/06

NOA No 06-0119.12

Expiration Date: January 09, 2008

Approval Date: July 27, 2006

Page 1

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

A. DRAWINGS

1. Manufacturer's die drawings and sections.
2. Drawing No. **1153**, titled "SL72-Folding Aluminum Framed Outswing Glass Wall System", sheets 1 through 6 of 6, prepared by W.W. Schaefer Engineering & Consulting, P.A., dated 05/22/02, with revision "A1" dated 12/21/05 signed and sealed by Warren 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 four panel aluminum bifold outswing door, prepared by Architectural Testing, Inc., Test Report No. **ATI 58916.01-301-18**, dated 07/28/05 signed and sealed by Joseph A. Reed, P.E.
2. 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 four panel aluminum bifold inswing door, prepared by Architectural Testing, Inc., Test Report No. **ATI 03-31448.06**, dated 5/1/02 signed and sealed by Allen N. Reeves, P.E.
"Submitted under NOA# 02-0927.08"
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
6) Forced Entry Test, per FBC 2411 3.2.1 TAS 202-94
along with marked-up drawings and installation diagram of a four panel aluminum bifold inswing door, prepared by Architectural Testing, Inc., Test Report No. **ATI 03-31448.05**, dated 4/29/02 signed and sealed by Allen N. Reeves, P.E.
"Submitted under NOA# 02-0927.08"


Jaime D. Gascon, P.E.

Chief, Product Control Division
NOA No 06-0119.12

Expiration Date: January 09, 2008

Approval Date: July 27, 2006

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

4. 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 202-94along with marked-up drawings and installation diagram of a four panel aluminum bifold inswing door, prepared by Architectural Testing, Inc., Test Report No. **ATI 03-31448.04**, dated 05/06/02 signed and sealed by Allen N. Reeves, P.E.
"Submitted under NOA# 02-0927.08"

C. CALCULATIONS

1. Revised Anchor Calculations and structural analysis, prepared by W.W. Schaefer Engineering & Consulting, P.A., dated 05/26/06, signed and sealed by Warren Schaefer, P.E.
Complies with ASTM E 1300-98

D. QUALITY ASSURANCE

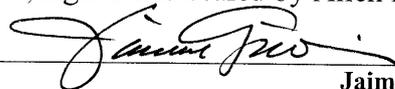
1. Miami Dade Building Code Compliance Office (BCCO).

E. MATERIAL CERTIFICATIONS

1. Notice of Acceptance No. **06-0216.06** issued to Solutia, Inc. for "Saflex IIIIG Clear or Colored Interlayer" dated 05/04/06, expiring on 05/21/11.
2. Notice of Acceptance No. **03-0421.01** issued to Solutia, Inc. for "Saflex HP" dated 05/22/03, expiring on 04/14/08
3. Notice of Acceptance No. **01-1204.01** issued to E.I. DuPont DeNemours for "Sentry Glass Plus" dated 1/17/02, expiring on 1/14/07.

F. STATEMENTS

1. Statement letter of conformance, dated 6/7/02, signed and sealed by Warren Schaefer, P.E.
"Submitted under NOA# 02-0927.08"
2. Statement letter of no financial interest, dated 6/7/02, signed and sealed by Warren Schaefer, P.E.
"Submitted under NOA# 02-0927.08"
3. Laboratory compliance letter for Test Report No ATI 03-31448.06, issued by Architectural Testing, Inc., dated 8/16/02, signed and sealed by Allen N. Reeves, P.E.
4. Laboratory compliance letter for Test Report No ATI 03-31448.05, issued by Architectural Testing, Inc., dated 8/15/02, signed and sealed by Allen N. Reeves, P.E.



Jaime D. Gascon, P.E.
Chief, Product Control Division
NOA No 06-0119.12
Expiration Date: January 09, 2008
Approval Date: July 27, 2006

Nana Wall System, Inc.

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

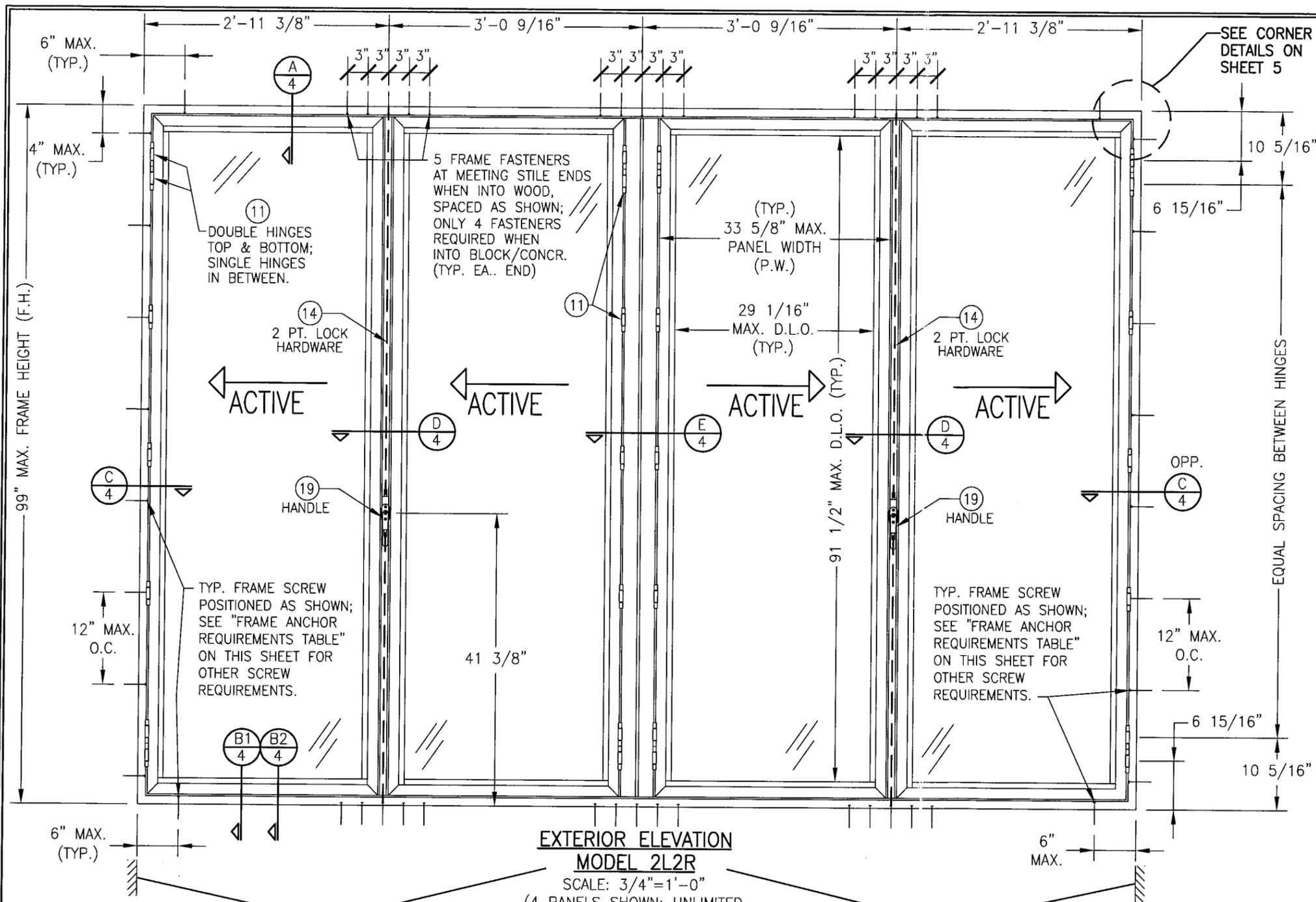
5. Laboratory compliance letter for Test Report No ATI 03-31448.04, issued by Architectural Testing, Inc., dated 8/14/02, signed and sealed by Allen N. Reeves, P.E.

G. OTHER

1. Letter from the consultant, dated 06/23/06, stating that the product is in compliance with the Florida Building Code (FBC).
2. Notice of Acceptance No. **02-0927.08**, issued to Nana Wall Systems, Inc., for Series "SL72" Outswing Aluminum Bifold Door, dated 01/09/03 and expiring on 01/09/08.



Jaime D. Gascon, P.E.
Chief, Product Control Division
NOA No 06-0119.12
Expiration Date: January 09, 2008
Approval Date: July 27, 2006



HINGE REQUIREMENTS	
FRAME HEIGHT (IN.)	# HINGES REQUIRED
LESS THAN 39"	4
39" UP TO 58"	5
59" UP TO 79"	6
80" TO 99"	7

(INCLUDES DOUBLE HINGES @ TOP & BOTTOM OF PANELS)

ALLOWABLE DESIGN LOAD (PSF)	
POSITIVE	NEGATIVE
55.0	55.0

NOTE: WHEN USING SILL PART #39 THESE DOORS ARE NOT APPROVED FOR USE WHERE WATER INFILTRATION RESISTANCE IS REQUIRED, UNLESS UNITS ARE INSTALLED IN NON-HABITABLE AREAS WHERE THE UNIT & THE AREA ARE DESIGNED TO ACCEPT WATER INFILTRATION OR THE UNITS ARE INSTALLED IN LOCATIONS PROTECTED BY A CANOPY OR OVERHANG SUCH THAT THE ANGLE BETWEEN THE EDGE OF THE CANOPY OR OVERHANG TO SILL IS LESS THAN 45 DEGREES.

GENERAL NOTES

1. THESE DOOR/WINDOW 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 DADE COUNTY PROTOCOLS PA 201, 202 & 203 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.
8. ALL FRAME ANCHORS SECURING WINDOW/DOOR FRAME TO PRESSURE TREATED BUCKS OR WOOD FRAMING SHALL BE CAPABLE OF RESISTING CORROSION CAUSED BY THE PRESSURE TREATING CHEMICALS IN THE WOOD.
9. MATERIALS, INCLUDING BUT NOT LIMITED TO STEEL SCREWS, THAT COME INTO CONTACT WITH OTHER DISSIMILAR MATERIALS SHALL MEET THE REQUIREMENTS OF 2004 FLORIDA BUILDING CODE SECTION 2003.8.4.

**EXTERIOR ELEVATION
MODEL 2L2R**
SCALE: 3/4"=1'-0"
(4 PANELS SHOWN; UNLIMITED NUMBER OF PANELS IS APPLICABLE PROVIDING INDIVIDUAL PANEL SIZE DOES NOT EXCEED THAT SPECIFIED)

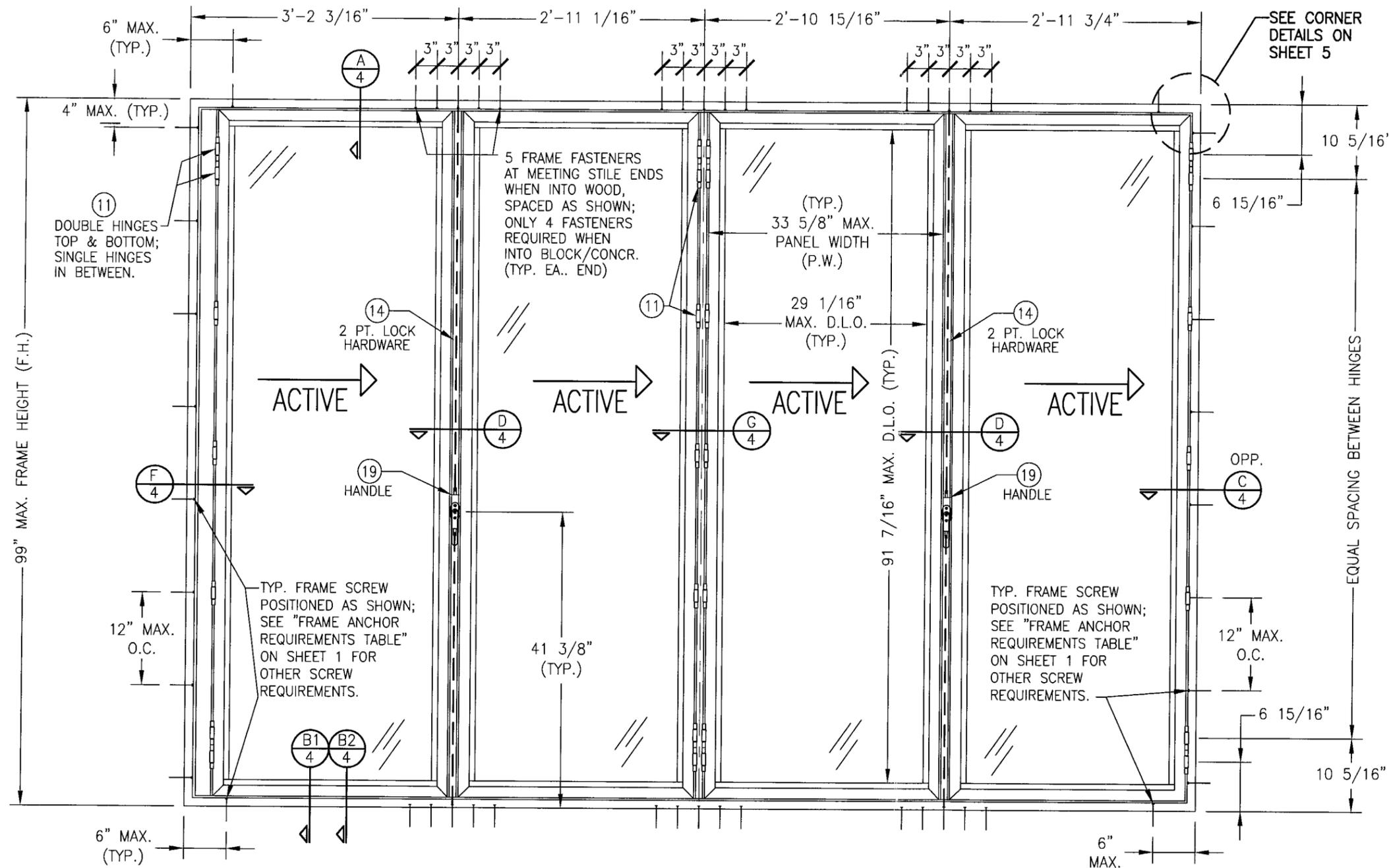
* FRAME ANCHOR REQUIREMENTS TABLE			
OPENING TYPE (SUBSTRATE)	JAMB TO OPENING FASTENER TYPE	MINIMUM EMBEDMENT	MINIMUM EDGE DIST.
2X_ WOOD FRAME OR BUCK	NO. 14 SMS SCREW	1 3/8"	3/4"
CMU/CONCRETE	(1) 1/4" CONCRETE SCREWS	1 1/4"	2"

(1) CONCRETE SCREWS SHALL BE ITW RAMSET/RED HEAD TAPCONS, ELCO TAPCONS, HILTI KWIK-CON II OR POWERS RAWL TAPPER (HARDENED STEEL OR S.S.).

* ANCHOR NOTE: FRAME MAY BE EITHER DIRECT MOUNTED TO THE OPENING, MOUNTED ONTO A CONTINUOUS WOOD SPACER, OR ANCHORED TO A MIN. 2X4 NO. 3 SOUTHERN PINE WOOD BUCK. WHEN ANCHORED TO A 2X4 BUCK, NO. 14 SCREWS SHALL BE USED. WHEN DIRECT MOUNTED OR MOUNTED WITH SPACER, 1/4" CONCRETE SCREWS SHALL BE USED. SEE "ANCHOR REQUIREMENTS TABLE" FOR EMBED REQUIREMENTS. PROPER MATERIAL SHALL BE USED BETWEEN ALL DISIMILAR MATERIALS (BLOCK/CONCRETE & ALUMINUM).

PRODUCT REVISED
in compliance with the Florida Building Code
Acceptance No. 06-0119.12
Expiration Date 01/09/08
By: [Signature]
Miami Dade Product Control Division

DRAWN BY: J.C.F.	CHECKED BY: W.W.S.
PLOT: 1=16	DATE: 08/20/02
NO.:	REVISION DESCRIPTION
A1	ADDED NEW SILL, LOCK & GLASS OPTIONS
DRAWING TITLE SL72 - FOLDING ALUMINUM FRAMED OUTSWING GLASS WALL SYSTEM	
CONSULTANTS W. W. SCHAEFER ENGINEERING & CONSULTING, P.A. (CA#6809) 8895 N. MILITARY TRAIL, SUITE C-204 PALM BEACH GARDENS, FL 33410 PHONE: 561-775-4902 FAX: 561-775-4903	
MANUFACTURER NANA WALL SYSTEMS, INC 707 REDWOOD HIGHWAY MILL VALLEY, CA 94941 800-873-5673	
CERTIFICATION JAN 25 2006 W. W. SCHAEFER, P.E. P.E. NO. 44135	
DRAWING NO. 1153	REV. A
SHEET NO. 1 OF 6	



HINGE REQUIREMENTS	
FRAME HEIGHT (IN.)	# HINGES REQUIRED
LESS THAN 39"	4
39" UP TO 58"	5
59" UP TO 79"	6
80" TO 99"	7

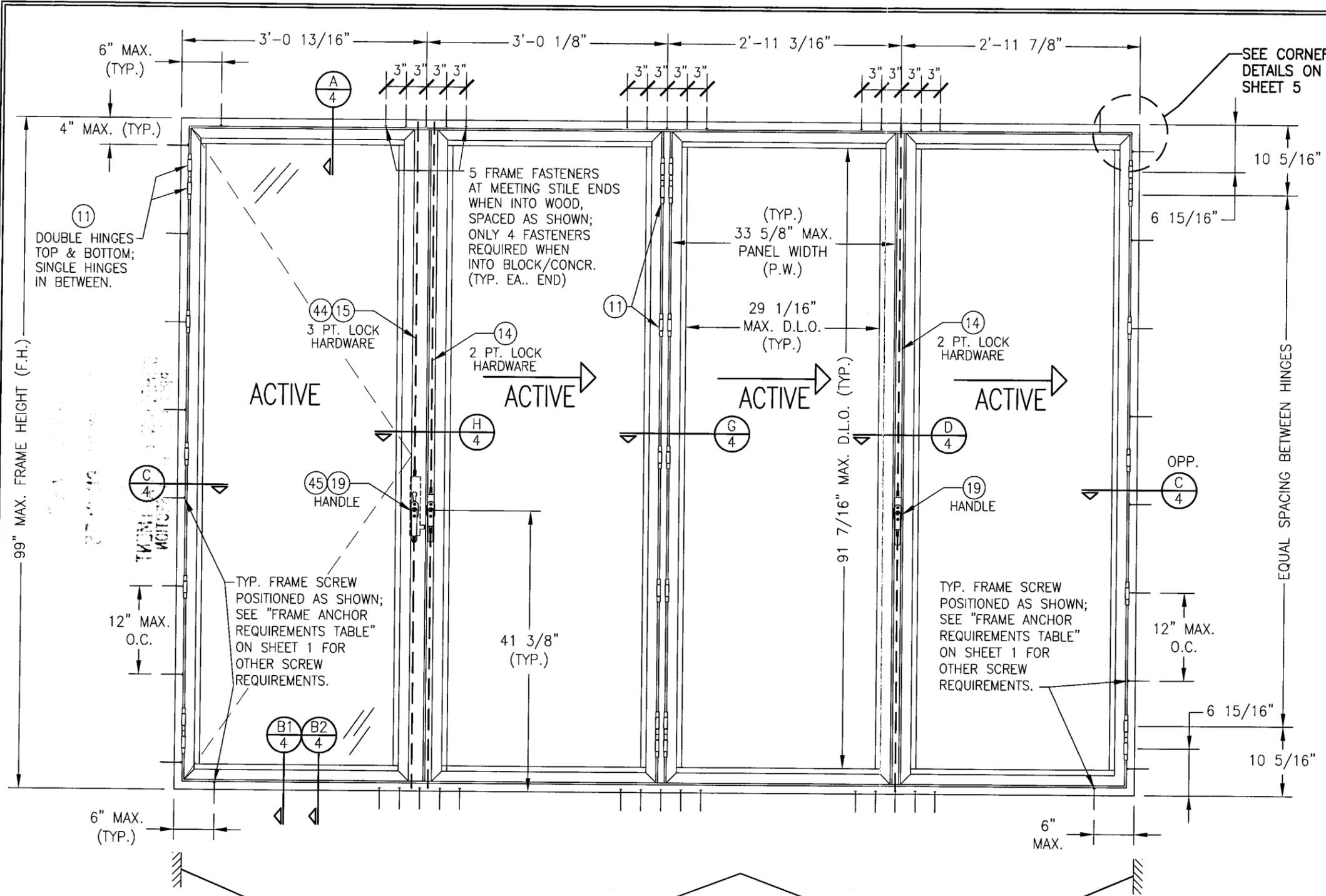
(INCLUDES DOUBLE HINGES @ TOP & BOTTOM OF PANELS)

**EXTERIOR ELEVATION
MODEL 4R**
SCALE: 3/4"=1'-0"
(4 PANELS SHOWN; UNLIMITED NUMBER OF PANELS IS APPLICABLE PROVIDING INDIVIDUAL PANEL SIZE DOES NOT EXCEED THAT SPECIFIED)

(4 PANELS SHOWN; UNLIMITED NUMBER OF PANELS IS APPLICABLE PROVIDING INDIVIDUAL PANEL SIZE DOES NOT EXCEED THAT SPECIFIED.)

PRODUCT REVISED
as complying with the Florida Building Code
Acceptance No. 06-0119.12
Expiration Date 01/09/08
By: *[Signature]*
Miami-Dade Product Control Division

DRAWN BY: J.C.F.	CHECKED BY: W.W.S.
PLOT: 1=16	DATE: 08/20/02
DATE	BY
REVISION DESCRIPTION	NO.
DRAWING TITLE SL72 - FOLDING ALUMINUM FRAMED OUTSWING GLASS WALL SYSTEM	
CONSULTANTS W. W. SCHAEFER ENGINEERING & CONSULTING, P.A. (CA#6809) 8895 N. MILITARY TRAIL, SUITE C-204 PALM BEACH GARDENS, FL 33410 PHONE: 561-775-4902 FAX: 561-775-4903	
MANUFACTURER NANA WALL SYSTEMS, INC 707 REDWOOD HIGHWAY MILL VALLEY, CA 94941 800-873-5673	
CERTIFICATION JAN 25 2005	WARREN W. SCHAEFER, P.E. P.E. NO. 44135
DRAWING NO. 1153	REV. A
SHEET NO. 2 OF 6	



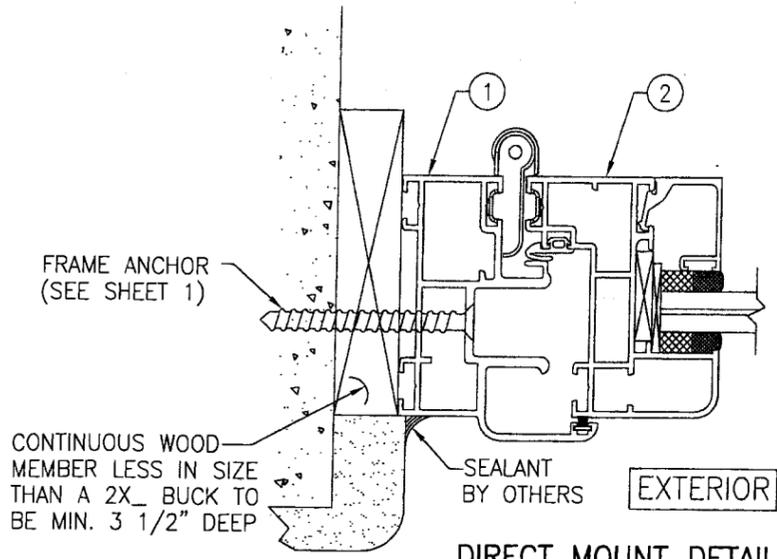
HINGE REQUIREMENTS	
FRAME HEIGHT (IN.)	# HINGES REQUIRED
UP TO 39"	4
40" UP TO 59"	5
60" UP TO 79"	6
80" TO 99"	7

(INCLUDES DOUBLE HINGES @ TOP & BOTTOM OF PANELS)

EXTERIOR ELEVATION
MODEL 1L3R
 SCALE: 3/4"=1'-0"
 (4 PANELS SHOWN; UNLIMITED NUMBER OF PANELS IS APPLICABLE PROVIDING INDIVIDUAL PANEL SIZE DOES NOT EXCEED THAT SPECIFIED)

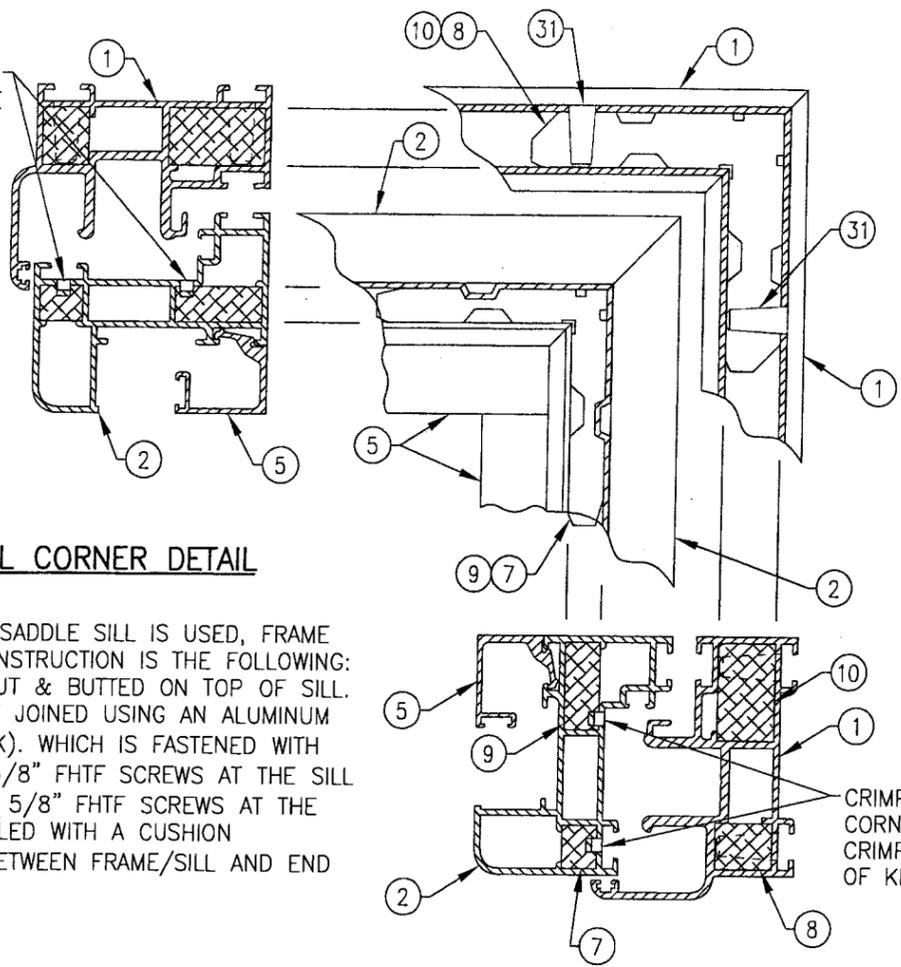
PRODUCT REVIEWED
 as complying with the Florida Building Code
 Acceptance No. 06-0119.12
 Expiration Date 01/09/09
 By: *[Signature]*
 Miami-Dade Product Control Division

DRAWN BY: J.C.F.	CHECKED BY: W.W.S.
PLOT: 1=16	DATE: 08/20/02
DATE	BY
REVISION DESCRIPTION	NO.
DRAWING TITLE SL72 - FOLDING ALUMINUM FRAMED OUTSWING GLASS WALL SYSTEM	
CONSULTANTS W. W. SCHAEFER ENGINEERING & CONSULTING, P.A. (CA#6809) 8895 N. MILITARY TRAIL, SUITE C-204 PALM BEACH GARDENS, FL 33410 PHONE: 561-775-4902 FAX: 561-775-4903	
MANUFACTURER NANA WALL SYSTEMS, INC 707 REDWOOD HIGHWAY MILL VALLEY, CA 94941 800-873-5673	
CERTIFICATION JAN 23 2006	WARREN W. SCHAEFER, P.E. P.E. NO. 44135
DRAWING NO. 1153	REV. A
SHEET NO. 3 OF 6	

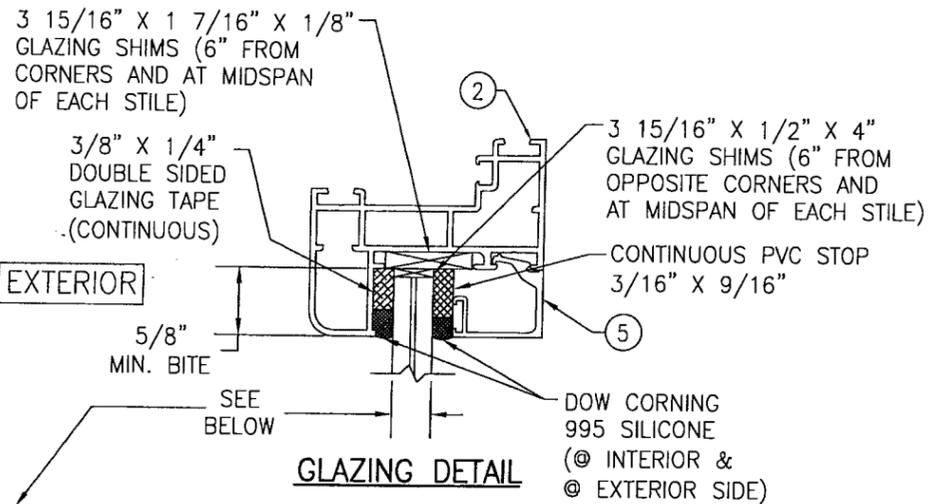


DIRECT MOUNT DETAIL
SIDE JAMB DETAIL SHOWN; OTHER JAMBS SIMILAR
SEE SECTIONS FOR DETAIL NOT SHOWN

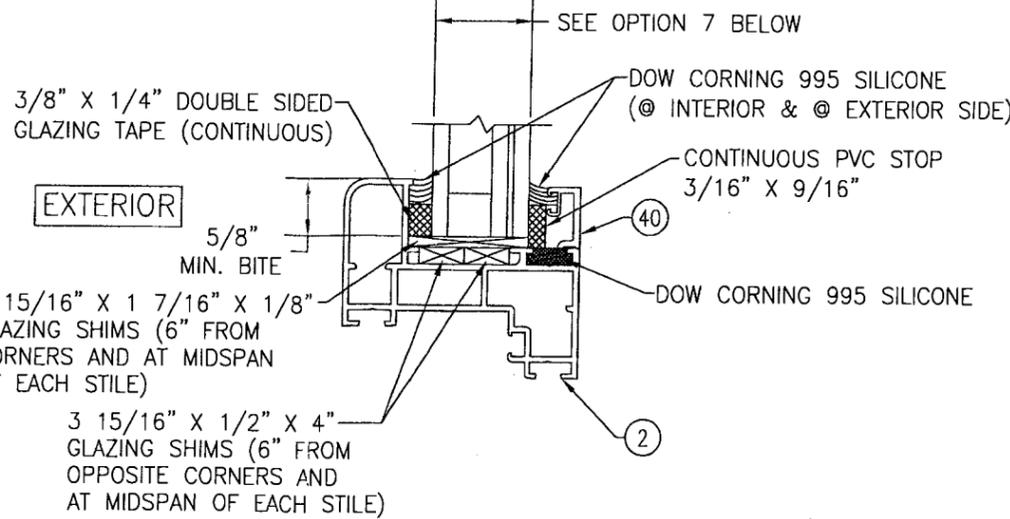
CRIMPS SECURING
CORNER KEY; ONE
CRIMP EACH LEG
OF KEY.



FRAME & PANEL CORNER DETAIL
NOTE:
WHEN LOW PROFILE SADDLE SILL IS USED, FRAME TO SILL CORNER CONSTRUCTION IS THE FOLLOWING: FRAME IS SQUARE CUT & BUTTED ON TOP OF SILL. FRAME AND SILL ARE JOINED USING AN ALUMINUM END CAP (2MM THICK). WHICH IS FASTENED WITH THREE (3) 1/8" X 5/8" FHTF SCREWS AT THE SILL & TWO (2) 1/8" X 5/8" FHTF SCREWS AT THE FRAME. JOINT IS SEALED WITH A CUSHION WEATHERSTRIPPING BETWEEN FRAME/SILL AND END CAP.



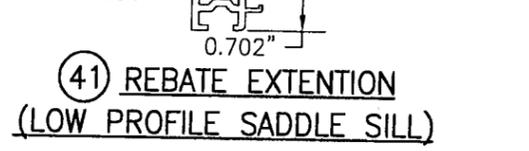
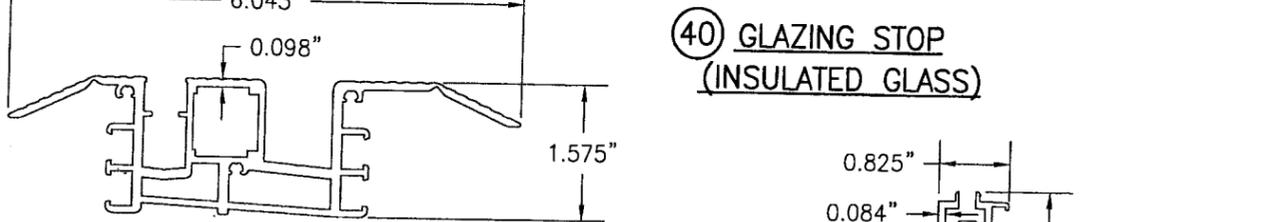
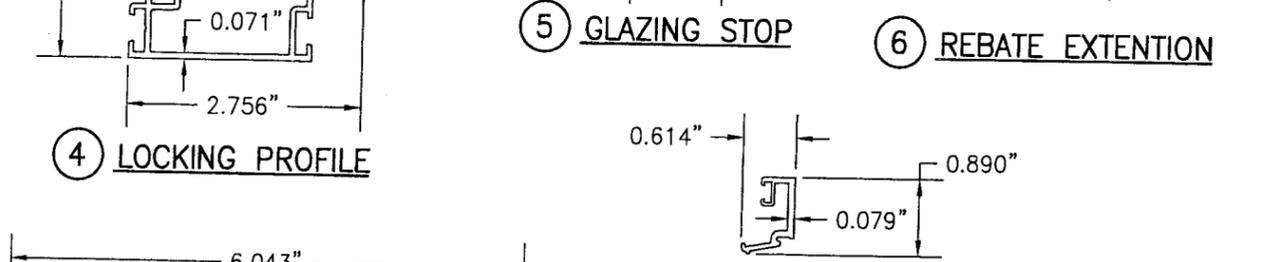
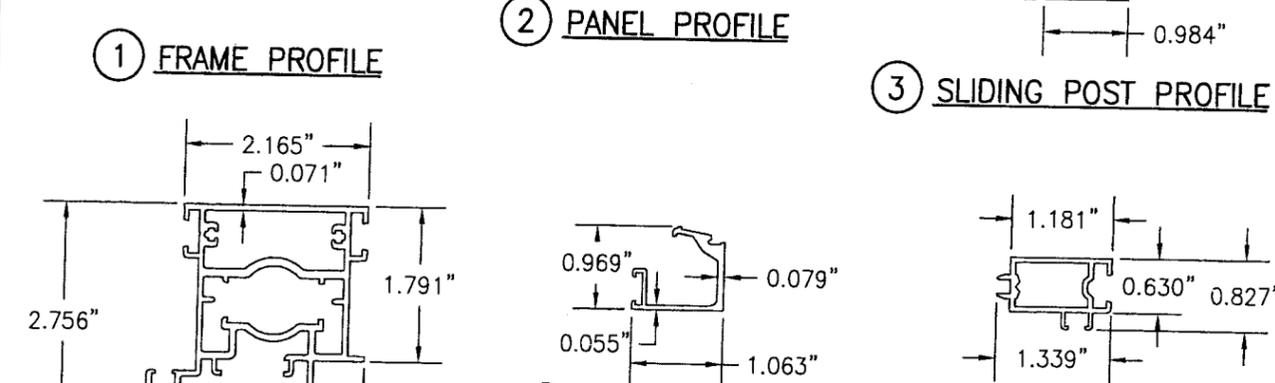
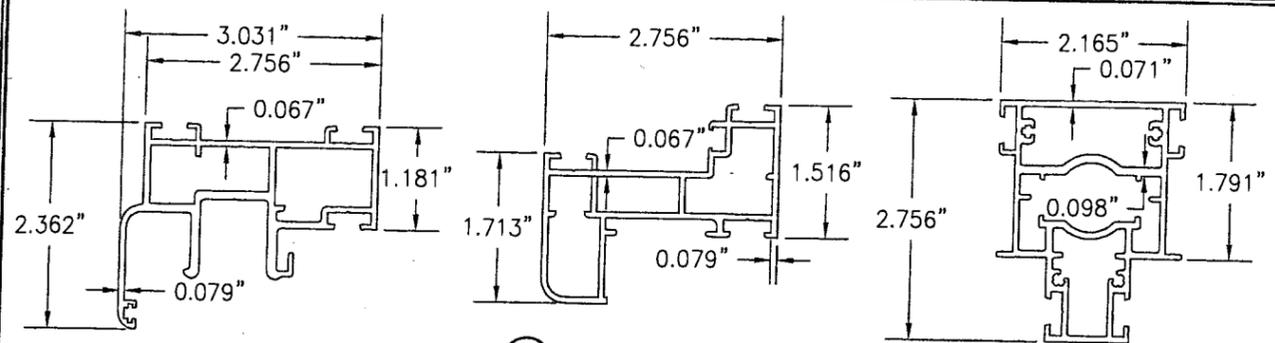
- GLAZING DETAIL**
- DUPONT SENTRY GLASS PLUS LAMINATED GLASS
OPTION 1) 7/16" THICK OVERALL (3/16" AN/0.09" SGP/3/16" AN) OR
OPTION 2) 7/16" THICK OVERALL (3/16" HT.ST./0.09" SGP/3/16" HT.ST.)
- SOLUTIA 0.09" PVB LAMINATED GLASS
OPTION 3) 7/16" THICK OVERALL (3/16" AN/0.09" PVB/3/16" AN) OR
OPTION 4) 7/16" THICK OVERALL (3/16" HT.ST./0.09" PVB/3/16" HT.ST.)
- SOLUTIA HP LAMINATED GLASS
OPTION 5) 7/16" THICK OVERALL (3/16" AN/0.10" HP/3/16" AN) OR
OPTION 6) 7/16" THICK OVERALL (3/16" HT.ST./0.10" HP/3/16" HT.ST.)



- GLAZING DETAIL (INSULATED GLASS)**
- SOLUTIA VANCEVA STORM LAMINATED GLASS
OPTION 7) 1 1/8" THICK OVERALL (3/16" TEMP./1/2" SPACER/
3/16" HT. ST./0.075 VANCEVA/3/16" HT. ST.)

PRODUCT REVISED
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By *[Signature]*
Miami Dade Product Control
Division

DRAWN BY: J.C.F.		CHECKED BY: W.W.S.	
PLOT: 1=2		DATE: 05/22/02	
NO.	REVISION DESCRIPTION	BY	DATE
DRAWING TITLE SL72 - FOLDING ALUMINUM FRAMED OPENING GLASS WALL SYSTEM			
MANUFACTURER NANA WALL SYSTEMS, INC 707 REDWOOD HIGHWAY MILL VALLEY, CA 94941 800-873-5673			
CONSULTANTS W. W. SCHAEFER ENGINEERING & CONSULTING, P.A. (CA#6809) 8895 N. MILITARY TRAIL, SUITE C-204 PALM BEACH GARDENS, FL 33410 PHONE: 561-775-4902 FAX: 561-775-4903			
CERTIFICATION JAN 25 2006 W. W. SCHAEFER, P.E. P.E. NO. 44133			
DRAWING NO. 1103		REV. A	
SHEET NO. 5 OF 6			



PRODUCT REVISED
 as complying with the Florida
 Building Code
 Acceptance No. 06-0119.02
 Inspection Date 01/09/08
 By: [Signature]
 Annual Code Product Control
 Division

ITEM #	PART	ITEM DESCRIPTION	MANUFACTURER/NOTES
PARTS			
1	5-72-01-0	FRAME PROFILE	6063-T5 ALUMINUM
2	5-72-03-0	PANEL PROFILE	6063-T5 ALUMINUM
3	5-72-02-0	SLIDING POST PROFILE	6063-T5 ALUMINUM
4	5-72-17-0	LOCKING POST PROFILE	6063-T5 ALUMINUM
5	5-72-27-0	GLAZING STOP	6063-T5 ALUMINUM
6	5-72-10-0	REBATE EXTENSION	6063-T5 ALUMINUM
7	15-0-2278-0	5/8" X 5/8" CORNER CONNECTOR	6063-T5 ALUMINUM
8	15-0-2279-0	5/8" X 5/8" CORNER CONNECTOR W/HOLES	6063-T5 ALUMINUM
9	15-0-2280-0	5/8" X 1 1/16" CORNER CONNECTOR	6063-T5 ALUMINUM
10	15-0-2281-0	5/8" X 1 1/16" CORNER CONNECTOR W/HOLES	6063-T5 ALUMINUM
HARDWARE			
11	15-0-2209-9016	HINGE	BURGHAN/ZINC DIE CAST
12	15-0-1129-0	SHIM; UPPER GUIDE ROLLER	NIEDERHOFF / POLYAMIDE
13	15-0-2204-0	SHIM; BOTTOM ROLLER	NIEDERHOFF / POLYAMIDE
14	15-0-2001-0	2 POINT LOCKING HARDWARE	ROHRBACH / ZINC DIE CAST
15	15-0-2002-0	3 POINT LOCKING HARDWARE	ROHRBACH / ZINC DIE CAST
16	15-0-1140-9016	PANEL CATCH	DENKER / POLYAMIDE PLASTIC
17	15-0-1930-0	BOTTOM ROLLER	NIEDERHOFF / POLYAMIDE
18	15-0-1932-0	UPPER GUIDING TROLLY	NIEDERHOFF / POLYAMIDE
19	15-0-2305-9016	HANDLE	HEWI/ POLYAMIDE
20	15-0-2332-9	SPINDLE (DOUBLE HANDLE-Ø1/4" X 4 1/8")	GERARD / S.S.
21	15-0-2334-9	SPINDLE (SINGLE HANDLE-Ø1/4" X 2 3/8")	GERARD / S.S.
22	5-0-101-0	LOCKING ROD (Ø5/16")	BROEKELMANN / ALUMINUM
23	15-0-1100-0	END CAP FOR LOCKING ROD	BRAEUNING + GESKE / POLYAMIDE
SEALS & SEALANTS			
24	25-0-1060-0	BRUSH SEAL	KULLEN / POLYAMIDE
25	25-0-1052-0	GASKET	SAARGUMMI / EPDM
26	25-0-1060-0	GASKET	SAARGUMMI / EPDM
27	25-0-1056-0	MATING GASKET	SAARGUMMI / EPDM
28	25-0-1054-0	FILLING RUBBER	SYNCAMER / EPDM
29	25-0-1050-0	GASKET	SYNCAMER / EPDM
30	15-0-1120-0	JAMB GASKET	BRAEUNING + GESKE / EPDM
MISCELLANEOUS FASTENERS			
31	20-0-07-10	CONE PIN Ø5/16" X 3/4"	GERARD / BRASS
32	-	NO. 10 X 3/8" FH S.S. MS	2 PER HINGE LEAF (4 TOTAL)
34	-	Ø3/16 X 1/4 S.S. SET SCREW	2 PER HINGE LEAF (4 TOTAL)
35	-	NO. 8 X 1 3/4" FH S.S. SMS	4" FROM CORNER & 12" O.C.
36	-	NO. 8 X 1" FH S.S. SMS	2 PER PANEL LATCH
37	-	NO. 8 X 1 1/4" FH S.S. SMS	1 TOTAL, AS SHOWN, @ HANDLE ELEVATION
38	-	NO. 8 X 2 1/2" FH S.S. SMS	3 TOTAL, AS SHOWN, @ HANDLE ELEVATION
NEW PARTS WITH REVISION A			
39	5-0-1000	LOW PROFILE SADDLE SILL	6063-T5 ALUMINUM
40	5-60-61	GLAZING STOP (INSULATED GLASS)	6063-T5 ALUMINUM
41	5-70-11-0	REBATE EXTENSION (LOW PROFILE SADDLE SILL)	6063-T5 ALUMINUM
42	25-0-1065-0	BRUSH SEAL	KULLEN / POLYAMIDE
43	25-0-1084-0	FILLING RUBBER	SYNCAMER / EPDM
44	15-71-40-0	3 POINT LOCKING HARDWARE	ROHRBACH /S.S. & ZINC DIE CAST
	15-0-224-0	STRIKE PLATE	
45	15-0-2306	HANDLE	HEWI/ POLYAMIDE OR EQUIVALENT

DRAWN BY: J.C.F. CHECKED BY: W.W.S.
 PLOT: 1=2 DATE: 08/20/02

NO.	REVISION DESCRIPTION	DATE

DRAWING TITLE: SL72 - FOLDING ALUMINUM FRAMED OUTSWING GLASS WALL SYSTEM
 MANUFACTURER: NANA WALL SYSTEMS, INC.
 707 REDWOOD HIGHWAY
 MILL VALLEY, CA 94941
 425-383-3148

CONSULTANTS: W. W. SCHAEFER ENGINEERING & CONSULTING, P.A. (CA#6809)
 8895 N. MILITARY TRAIL, SUITE C-204
 PALM BEACH GARDENS, FL 33410
 PHONE: 561-775-4902 FAX: 561-775-4903

CERTIFICATION: [Signature]
 WARREN W. SCHAEFER, P.E.
 P.E. NO. 44135
 JAN 25 2006