



MIAMI-DADE COUNTY  
 PRODUCT CONTROL SECTION  
 11805 SW 26 Street, Room 208  
 Miami, Florida 33175-2474  
 T (786) 315-2590 F (786) 315-2599  
[www.miamidade.gov/economy](http://www.miamidade.gov/economy)

DEPARTMENT OF REGULATORY AND ECONOMIC RESOURCES (RER)  
 BOARD AND CODE ADMINISTRATION DIVISION

**NOTICE OF ACCEPTANCE (NOA)**

**Nana Wall System 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 and accepted by Miami-Dade County RER -Product Control Section 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 Section (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. RER reserves the right to revoke this acceptance, if it is determined by Miami-Dade County Product Control Section 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 "SI-73" Aluminum InSwing Folding Doors-LMI**

**APPROVAL DOCUMENT:** Drawing No. 1636 A, titled "SL-73 In-Swing Impact Folding Panels", sheets 1 through 8 of 8, dated 11/23/09 and last revised on DEC 19, 2011, prepared by W. W. Schaefer Engineering & Consulting, P.A., 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 Section.

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

**Limitations:**

1. ADA/Flush Saddle Doors are not approved for water resistant unless complies w/ FBC requirements.
2. Max panel width= DLO width+8.125"

**LABELING:** Each unit shall bear a permanent label with the manufacturer's name or logo, **Richmond, CA** or **Bissendorf, Germany** 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 #11-1024.04 and consists of this page 1 and evidence pages E-1 & E-2, as well as approval document mentioned above.

The submitted documentation was reviewed by **Ishaq I. Chanda, P.E.**



NOA No. 14-0428.03  
 Expiration Date: August 11, 2015  
 Approval Date: July 10, 2014  
 Page 1

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 7/3/14

**NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED**

**A. DRAWINGS**

1. Manufacturer's die drawings and sections. (Submitted under files # 11-1024.04/#10-0322.18)
2. Drawing No. 1636 A, titled "SL-73 In-Swing Impact Folding Panels", sheets 1 through 8 of 8, dated 11/23/09 and last revised on DEC 19, 2011, prepared by W. W. Schaefer Engineering & Consulting, P.A., signed and sealed by Warren W. Schaefer, P.E.

**B. TESTS (submitted under files # 11-1024.04 #10-0322.18)**

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) Small 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

Report No(s). 91081.01-301-18, dated 12/15/09, signed and sealed by Joshua M. Royce, P.E.

Note: This test report has an addendum letter issued by Architectural Testing, signed and sealed by Michael D. Stremmel, P.E.

(The test report has addendum letter dated Oct 06, 2011, related to glazing bead & gasket material & marked-up Dwgs, issued by Architectural Testing, signed & sealed by Tyler Westerling, P.E.)

**C. CALCULATIONS (submitted under files # 10-0322.18)**

1. Anchor verification calculation, complying w/ FBC 2007, prepared by W. W. Schaefer Engineering & Consulting, P.A., dated March 16, 2010 and revised on June 08, 2010, signed and sealed by Warren W. Schaefer, P.E.
2. Glazing complies w/ ASTM E-1300-02 & -04

**D. QUALITY ASSURANCE**

1. Miami Dade Department of Regulatory and Economic Resources (RER).

**E. MATERIAL CERTIFICATIONS**

1. Notice of Acceptance No. 11-0624.02, issued to E.I. DuPont DeNemours for "SentryGlas Interlayer", expiring on 01/14/2017.
2. Test report No. 60520.01-106-18 dtd 11/09/06, issued by Architectural Testing for " Tecatherm 66 GF (insul bar material) for Xenon Arch weathering per ASTM G-55, tensile test per ASTM D-638, smoke density per ASTM D-2843, rate of burning per ASTM D-635 & self-ignition test per ASTM D-1929, signed and sealed by Joseph M. Brickner and Todd D. Burroughs.
3. Marked-up Tremco (EPDM) technical data sheet, issued by Architectural Testing.



Ishaq I. Chanda, P.E.

Product Control Examiner

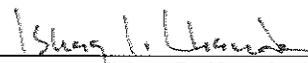
NOA No. 14-0428.03

Expiration Date: August 11, 2015

Approval Date: July 10, 2014

**NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED**

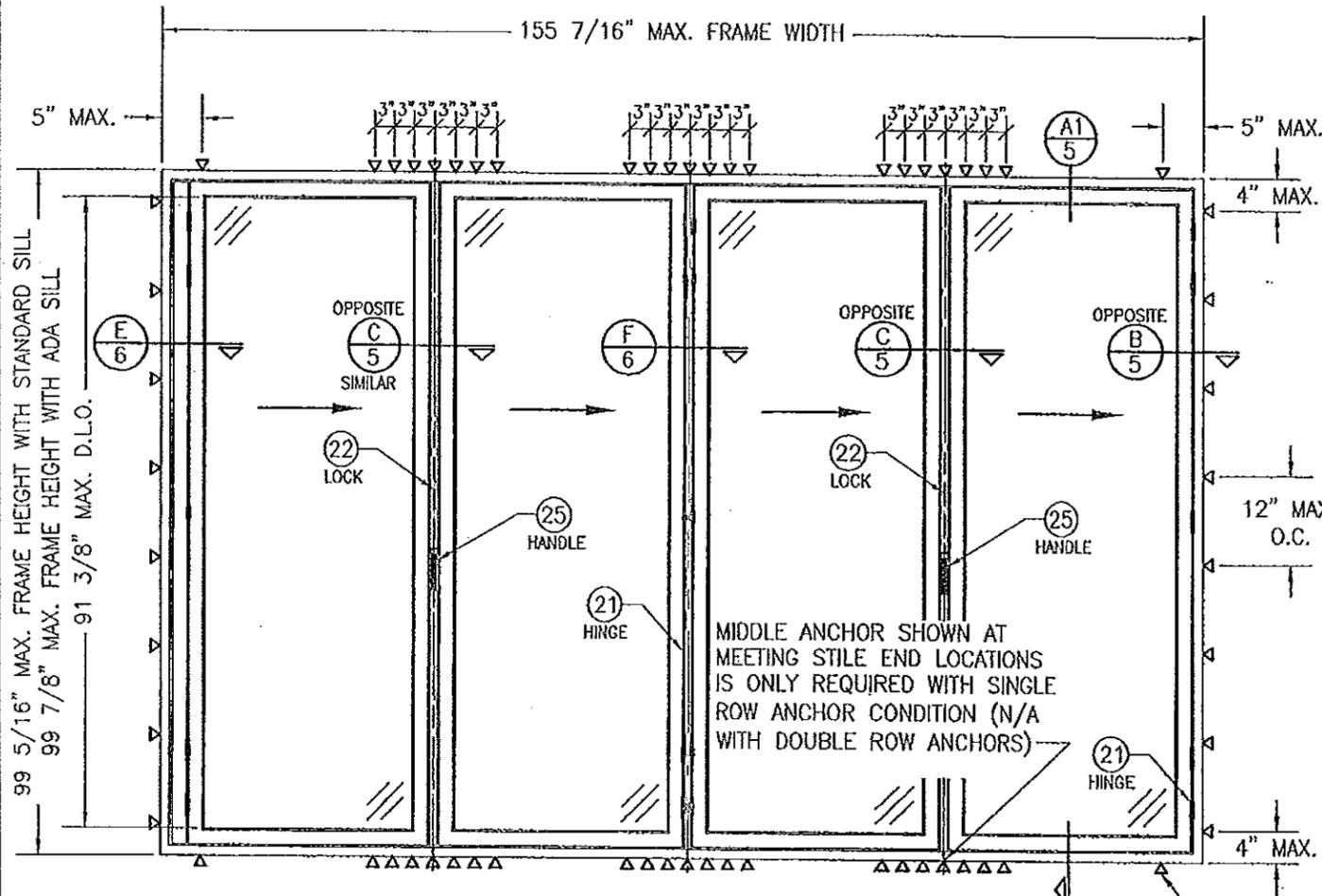
- F. STATEMENTS** (Items 3, 4 & 5 below submitted under file # 11-1024.04)
1. Statement letter of conformance to FBC 2014(**5<sup>th</sup> Edition**) and letter of no financial interest, prepared by W. W. Schaefer Engineering & Consulting, P.A., dated April 15, 2014, signed and sealed by Warren W. Schaefer, P.E.
  2. Statement letter, prepared by W. W. Schaefer Engineering & Consulting, P.A. dated April 10, 2014, of NOA Drawings and testing have been reviewed to 2014 FBC and found compliant and that No change to existing NOA documents are required, signed by Warren W. Schaefer, P.E.
  3. Statement letter of conformance to FBC 2007 and FBC 2010, prepared by W. W. Schaefer Engineering & Consulting, P.A., dated OCT 18, 2011, signed & sealed by Warren W. Schaefer, P.E.
  4. Distribution agreement between Solarlux Nana Mfg. LLC, Richmond, CA and Nana Wall System Mill Valley, CA.
  5. Distribution agreement between Solarlux Nana Mfg. LLC, Bissendorf, Germany and Nana Wall System Mill Valley, CA.
  6. Lab compliance as part of the above referenced test report.
- G. OTHER**
1. This NOA **revises #11-1024.04**, expiring AUG 11, 2015.
  2. Test proposal # **09-0568** dated May 26, 2009, approved by BCCO.



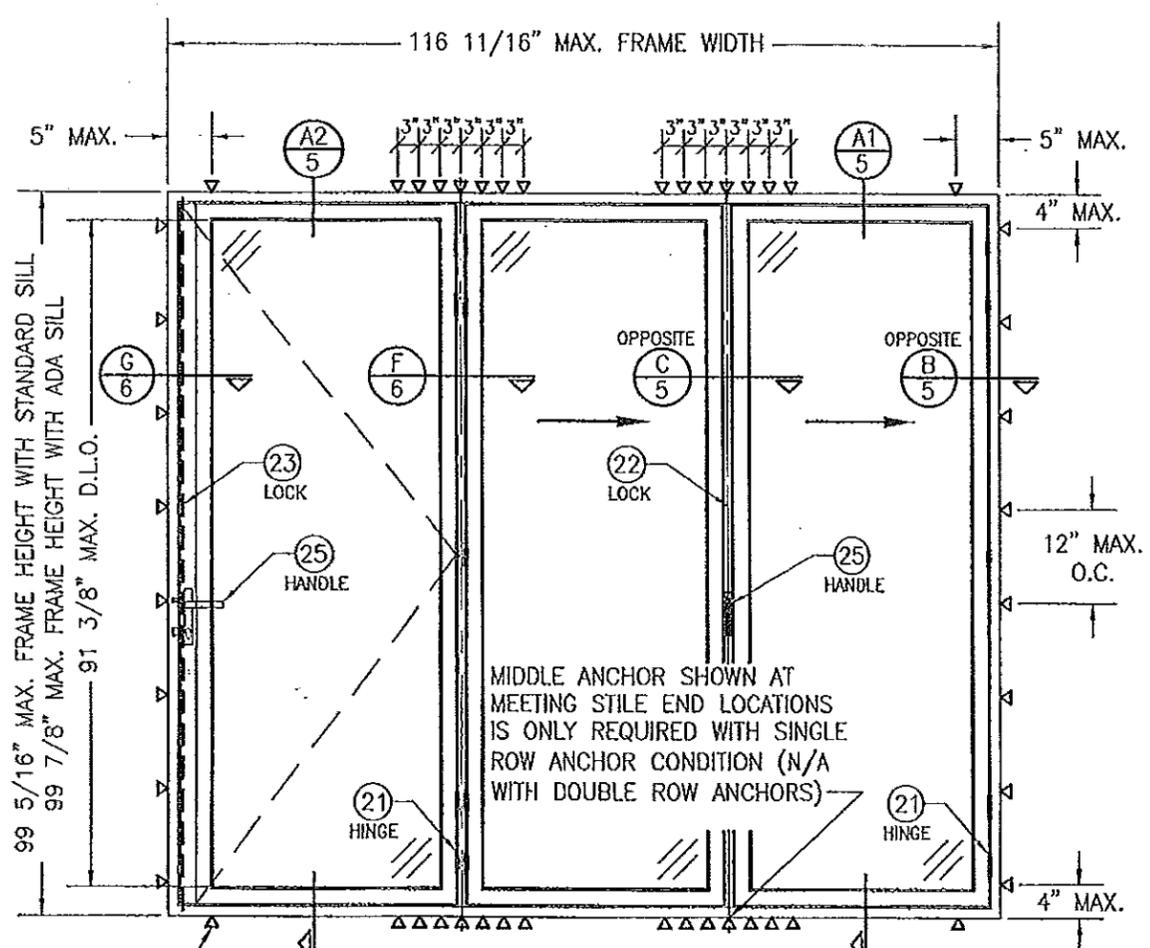
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Ishaq I. Chanda, P.E.  
Product Control Examiner  
NOA No. 14-0428.03  
Expiration Date: August 11, 2015  
Approval Date: July 10, 2014





**INTERIOR ELEVATION:**  
**(1 DIRECTION FOLDING PANELS)**  
 SCALE: 1/2" = 1'-0"

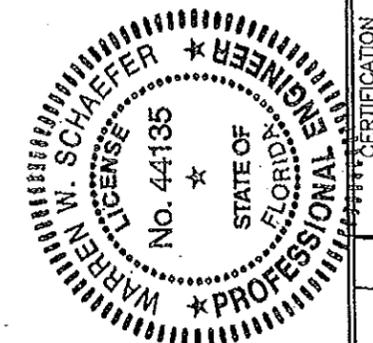


**INTERIOR ELEVATION:**  
**(1 DIRECTION FOLDING PANELS WITH SWING PANEL LOCKING TO JAMB)**  
 SCALE: 1/2" = 1'-0"  
 (ACTIVE SWING DOOR SHOWN WITH MULTI-POINT LOCK. DEADBOLT/FLUSH BOLT LOCK COMBINATION ALSO APPLIES)

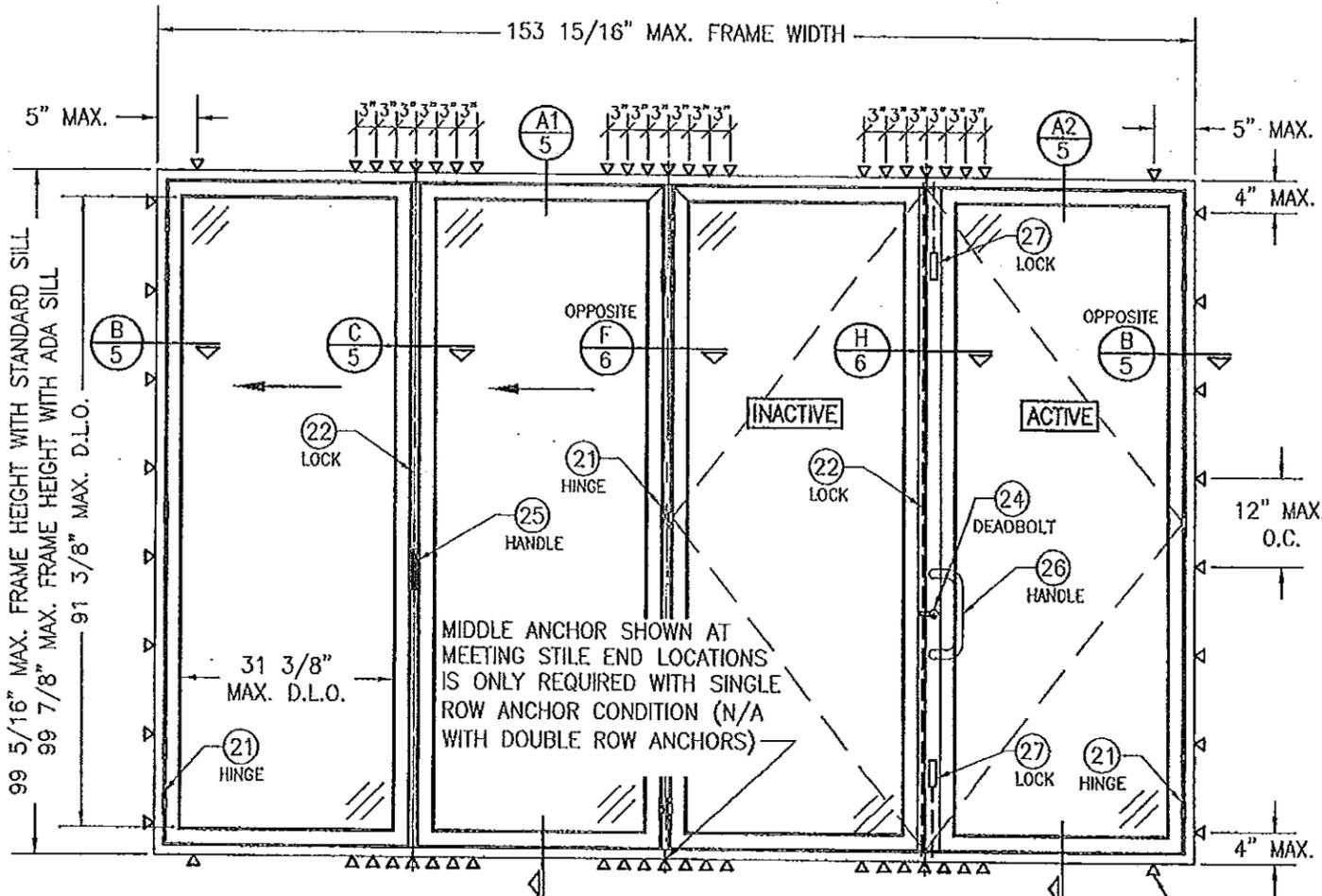
FRAME SCREWS WHERE SHOWN, SEE "FRAME ANCHOR REQUIREMENTS TABLE" ON SHEET 1 FOR REQUIREMENTS (APPLICABLE TO SINGLE OR DOUBLE ROW OF SCREWS):

**PRODUCT REVISED**  
 as complying with the Florida Building Code  
 Acceptance No. 14-0428-03  
 Expiration Date 08/11/15  
 By *Shag L. L. L...*  
 Miami Dade Product Control

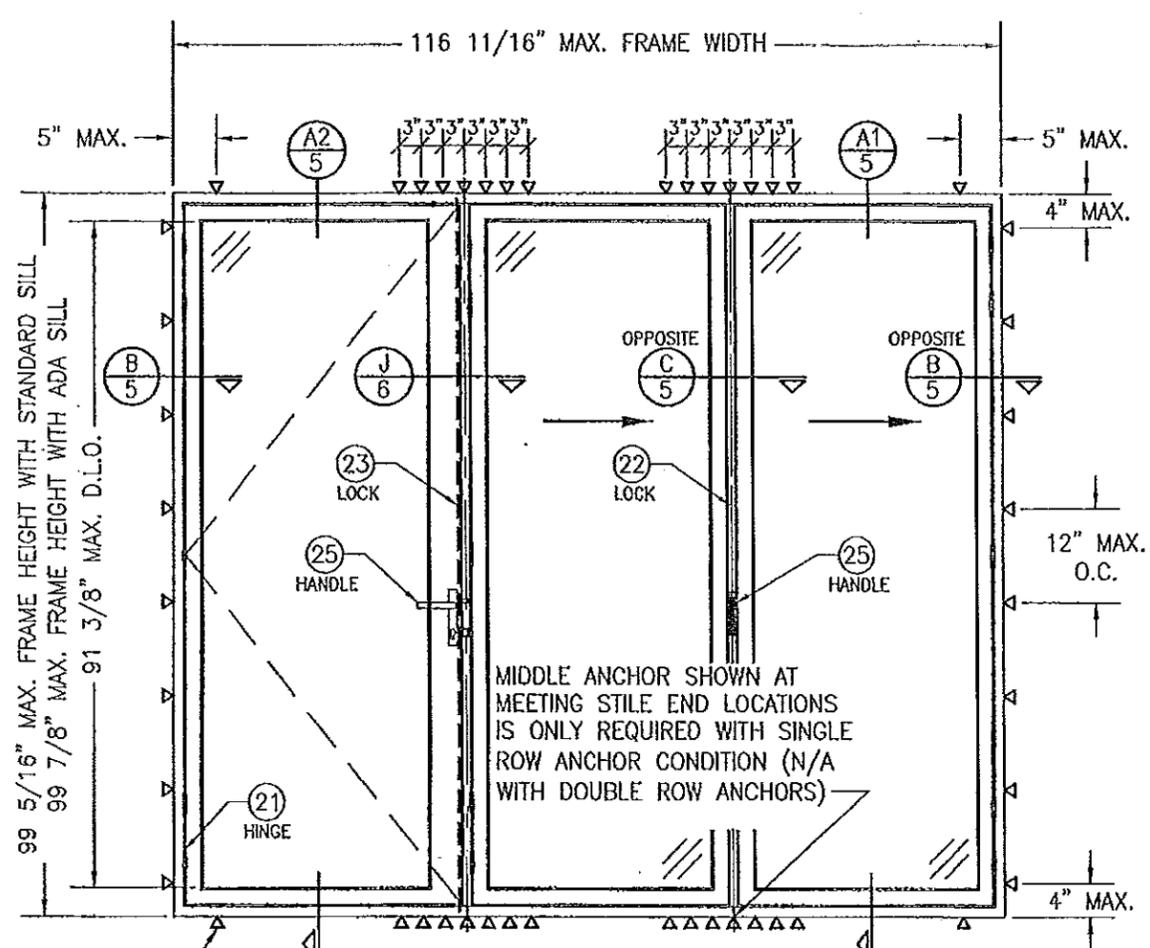
**PRODUCT RENEWED**  
 as complying with the Florida Building Code  
 Acceptance No. 11-1024-04  
 Expiration Date 2/15/15  
 By *Shag L. L. L...*  
 Miami Dade Product Control



DRAWN BY: W.R.M.		CHECKED BY: W.W.S.	
PLOT: 1-24		DATE: 11/23/09	
NO.	REVISION DESCRIPTION	BY	DATE
DRAWING TITLE: SL-73 IN-SWING IMPACT FOLDING PANELS			
CONSULTANTS: W. W. SCHAEFER ENGINEERING & CONSULTING, P.A. (CA 6809) 7480 150TH COURT NORTH PALM BEACH GARDENS, FL 33418 PHONE: 561-744-3424		MANUFACTURER: NANA WALL SYSTEMS, INC 707 REDWOOD HIGHWAY MILL VALLEY, CA 94941 800-873-5673	
CERTIFICATION: DEC 1 9 2011			
DRAWING NO. 1636		REV. A	
SHEET NO. 2 OF 8			



**INTERIOR ELEVATION:**  
 (1 DIRECTION FOLDING PANELS WITH DOUBLE SWING PANELS)  
 SCALE: 1/2" = 1'-0"  
 (ACTIVE SWING DOOR SHOWN WITH DEADBOLT/FLUSH BOLT LOCK COMBINATION. MULTI-POINT LOCK ALSO APPLIES)

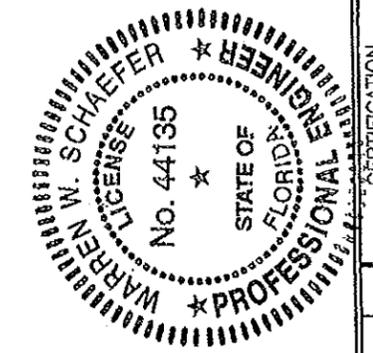


**INTERIOR ELEVATION:**  
 (SWING PANEL LOCKING TO 1 DIRECTION FOLDING PANELS)  
 SCALE: 1/2" = 1'-0"  
 (ACTIVE SWING DOOR SHOWN WITH MULTI-POINT LOCK. DEADBOLT/FLUSH BOLT LOCK COMBINATION ALSO APPLIES)

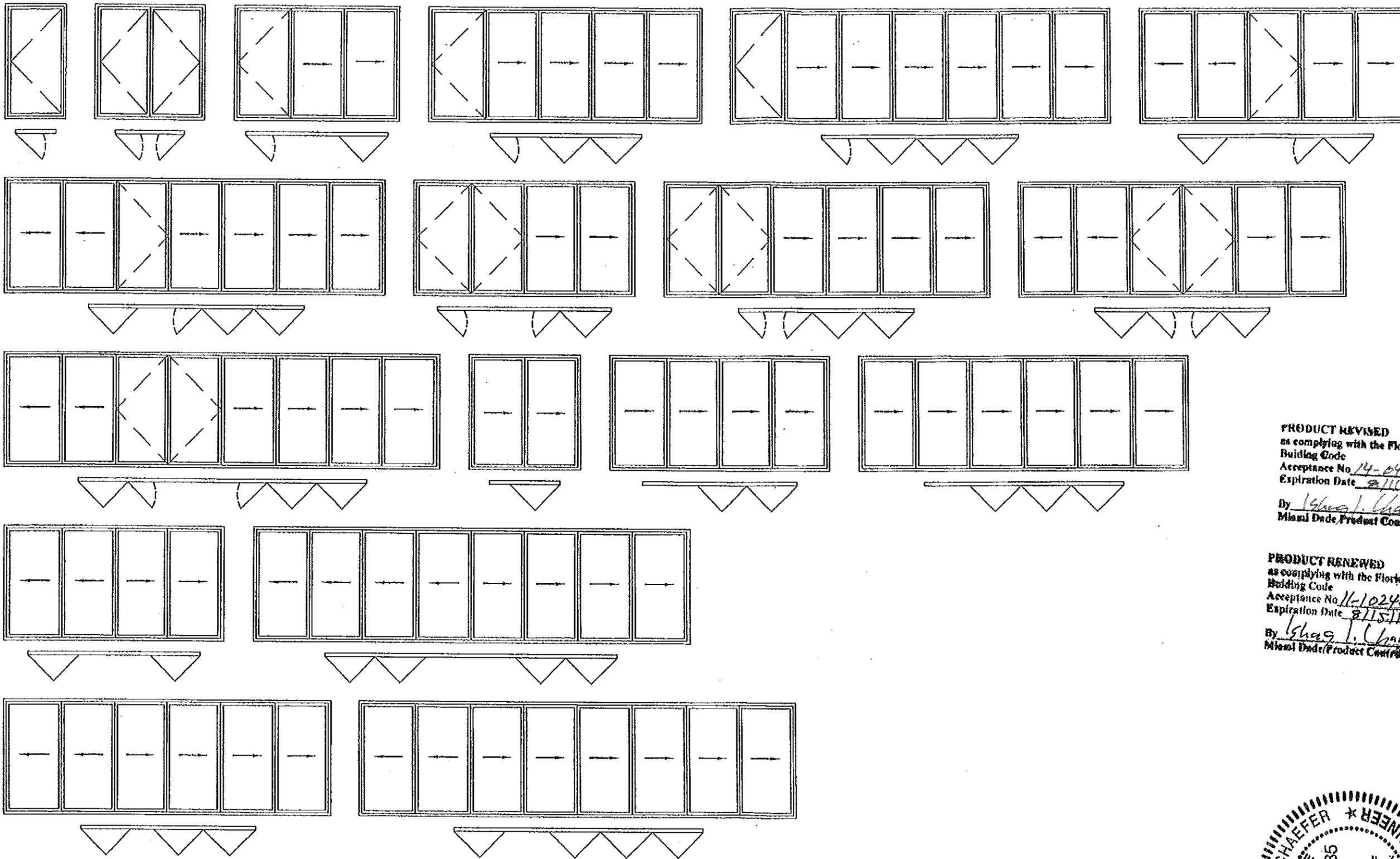
FRAME SCREWS WHERE SHOWN. SEE "FRAME ANCHOR REQUIREMENTS TABLE" ON SHEET 1 FOR REQUIREMENTS (APPLICABLE TO SINGLE OR DOUBLE ROW OF SCREWS).

**PRODUCT REVISED**  
 as complying with the Florida Building Code  
 Acceptance No. 14-0428.03  
 Expiration Date 2/1/15  
 By: [Signature]  
 Miami Dade Product Center

**PRODUCT RENEWED**  
 as complying with the Florida Building Code  
 Acceptance No. 11-1024.04  
 Expiration Date 2/1/15  
 By: [Signature]  
 Miami Dade Product Center



DRAWN BY: W.R.M.		CHECKED BY: W.M.S.	
PLOT: 1-24		DATE: 11/23/09	
NO.	REVISION DESCRIPTION	DATE	BY
DRAWING TITLE: SL-73 IN-SWING IMPACT FOLDING PANELS			
CONSULTANTS: W. W. SCHAEFER ENGINEERING & CONSULTING, P.A. (CA 6809) 7480 150TH COURT NORTH PALM BEACH GARDENS, FL 33418 PHONE: 561-744-5424		MANUFACTURER: NANA WALL SYSTEMS, INC 707 REDWOOD HIGHWAY MILL VALLEY, CA 94941 800-873-5673	
CERTIFICATION: DEC 19 2011			
DRAWING NO. 1636		REV. A	
SHEET NO. 3 OF 8			

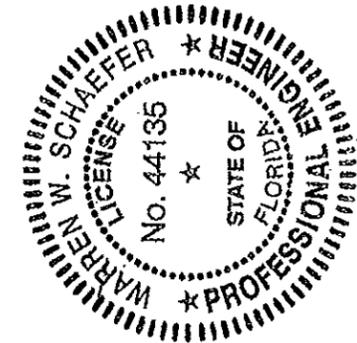


CONDITIONS SHOWN ARE THE MAJORITY OF THOSE USED. OTHER CONDITIONS OF FOLDING & SWING PANELS APPLY PROVIDING THEY ARE WITHIN THE SCOPE OF THE DETAILS WITHIN THIS DRAWING.

WHILE UP TO 8 PANELS IN ONE OPENING IS SHOWN, THERE IS NO LIMIT TO THE NUMBER OF PANELS IN ONE DOOR FRAME OPENING PROVIDING THE OPENING IS DESIGNED TO SUPPORT THE LOADS TRANSFERRED FROM THE DOOR SYSTEM

**PRODUCT REVISED**  
 as complying with the Florida Building Code  
 Acceptance No. 14-042803  
 Expiration Date 8/11/15  
 By *Shag T. Chank*  
 Miami Dade Product Control

**PRODUCT RENEWED**  
 as complying with the Florida Building Code  
 Acceptance No. 11-102404  
 Expiration Date 8/11/15  
 By *Shag T. Chank*  
 Miami Dade Product Control



DRAWN BY:	W.R.W.	CHECKED BY:	W.W.S.
PLOT:	1-24	DATE:	11/23/09
NO.		REVISION DESCRIPTION	
BY		DATE	

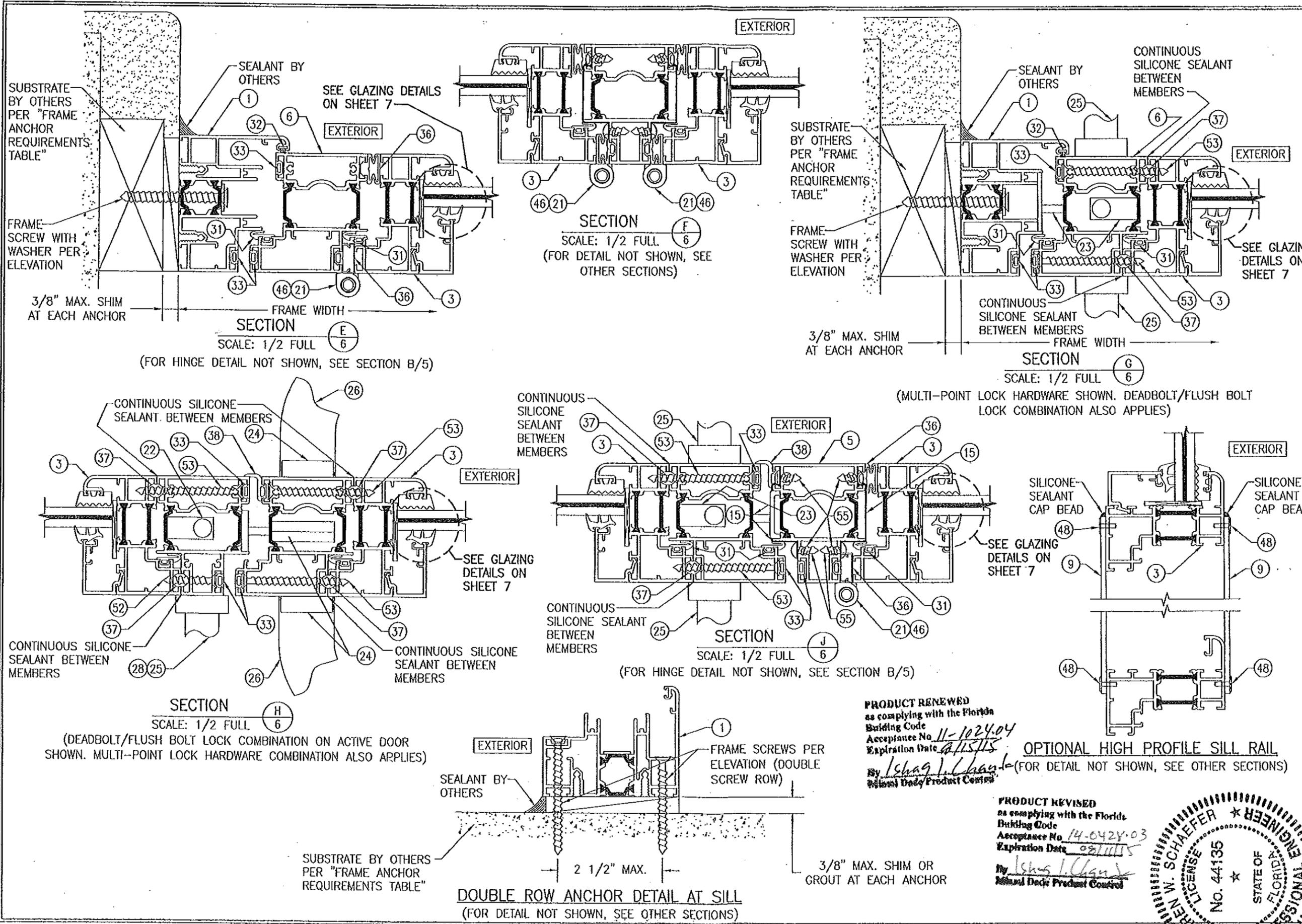
DRAWING TITLE: SL-73 IN-SWING IMPACT FOLDING PANELS

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)  
 7480 150TH COURT NORTH  
 PALM BEACH GARDENS, FL 33418  
 PHONE: 561-744-3424

CERTIFICATION	DEC 19 2011
DRAWING NO.	1636
REV.	A
SHEET NO.	4 OF 8





DRAWN BY:	W.R.M.	CHECKED BY:	W.W.S.
PLOT:	1-2	DATE:	11/23/09
DATE			
BY			
NO.		REVISION DESCRIPTION	

DRAWING TITLE: SL-73 IN-SWING IMPACT FOLDING PANELS

MANUFACTURER: NAVA WALL SYSTEMS, INC  
707 REDWOOD HIGHWAY  
MILL VALLEY, CA 94941  
800-873-5673

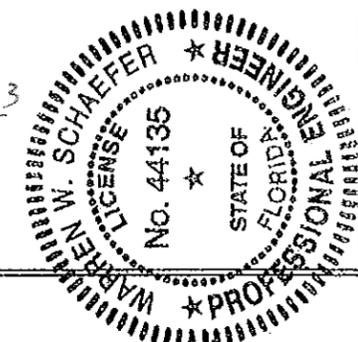
CONSULTANTS: W. W. SCHAEFER ENGINEERING & CONSULTING, P.A. (CA 6809)  
7480 150TH COURT NORTH  
PALM BEACH GARDENS, FL 33418  
PHONE: 561-744-3424

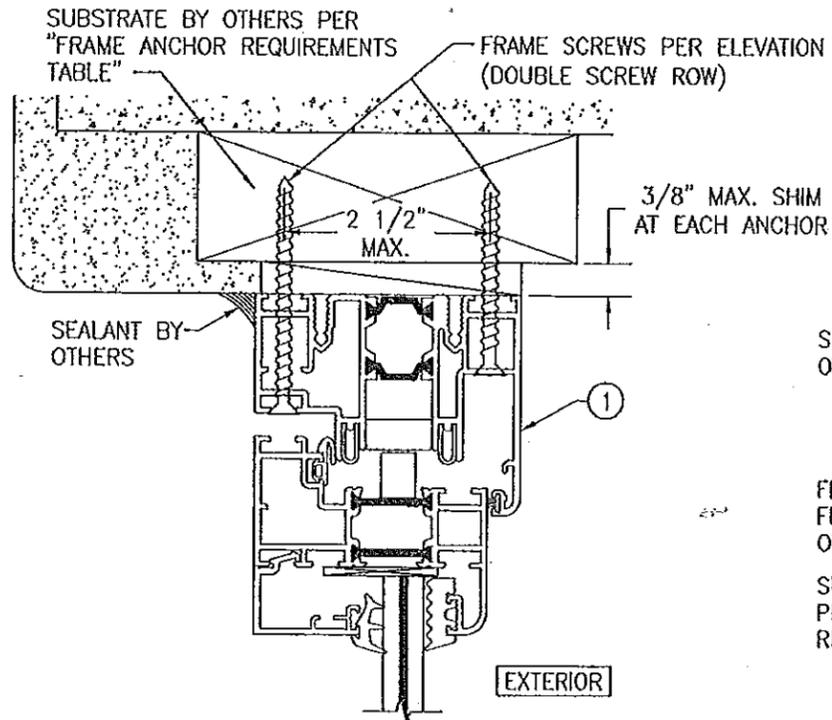
CERTIFICATION: DEC 19 2011

DRAWING NO. 1636  
REV. A  
SHEET NO. 6 OF 8

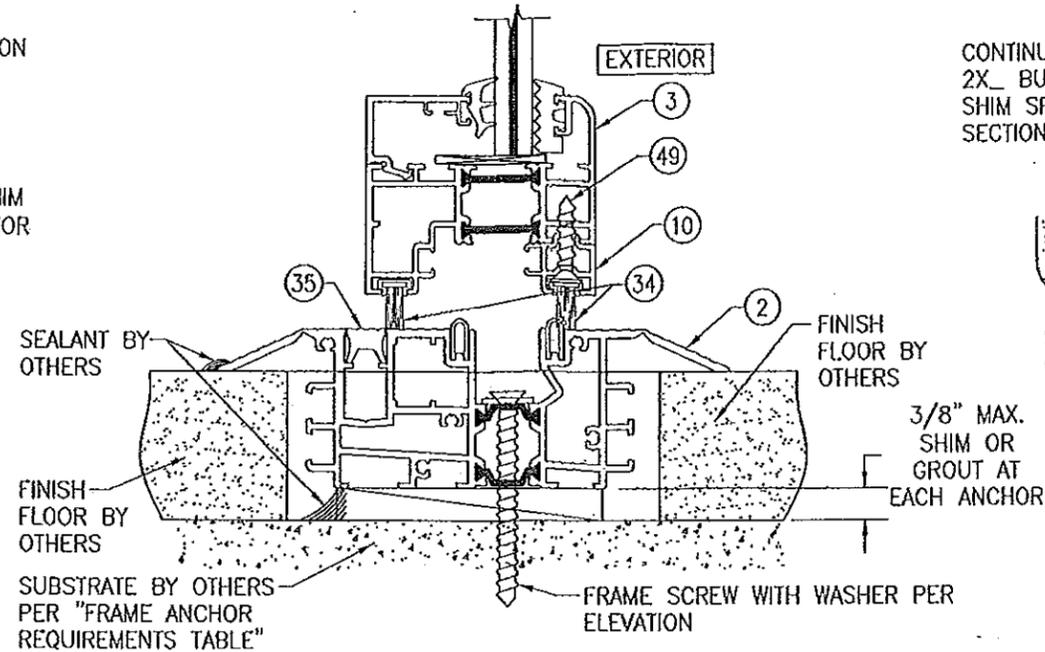
PRODUCT RENEWED as complying with the Florida Building Code  
Acceptance No. 11-1024.04  
Expiration Date 2/15/15  
By: *Iskhan I. Chagla*  
Miami Dade Product Control

PRODUCT REVISED as complying with the Florida Building Code  
Acceptance No. 14-0424.03  
Expiration Date 02/11/15  
By: *Iskhan I. Chagla*  
Miami Dade Product Control



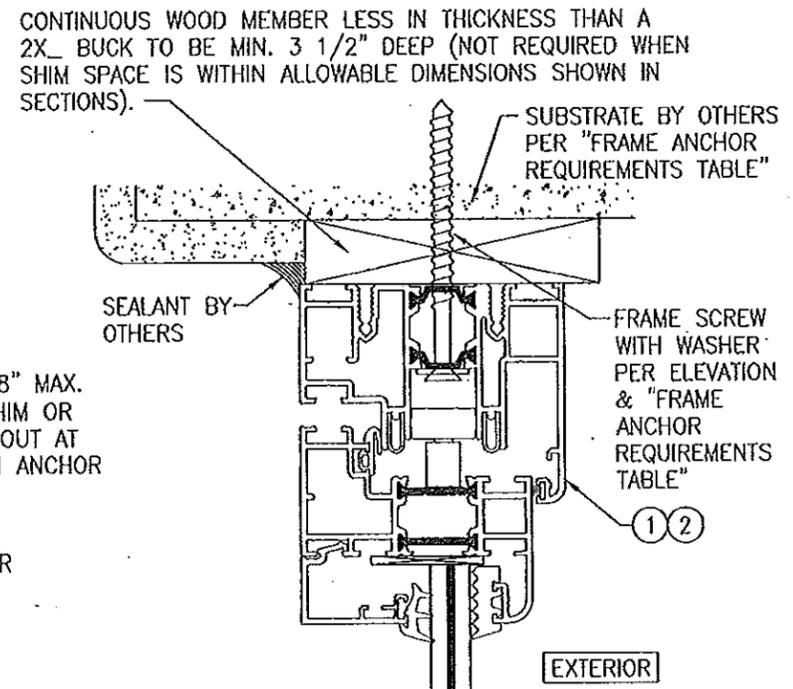


**DOUBLE ROW ANCHOR DETAIL AT HEAD & SIDES**  
 (FOR DETAIL NOT SHOWN, SEE OTHER SECTIONS)  
 (HEAD SECTION SHOWN. SIDES ARE INSTALLED THE SAME)

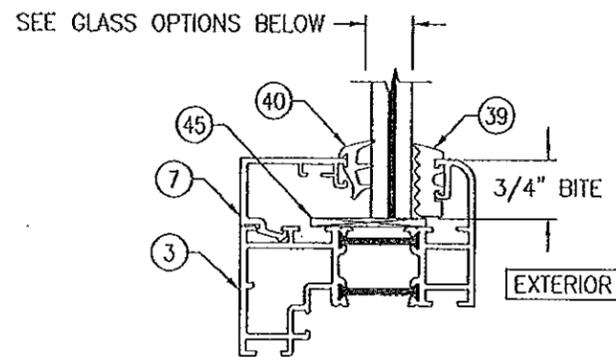


**FLUSH SADDLE SILL DETAIL**  
 (SWING DOOR SHOWN. FOLDING PANELS ARE INSTALLED THE SAME)  
 (FOR DETAIL NOT SHOWN, SEE OTHER SECTIONS)  
 (DOUBLE SCREW ROW DOES NOT APPLY TO THIS DETAIL)

WHEN AN ADA/FLUSH SADDLE SILL IS USED, THESE DOORS ARE NOT APPROVED FOR USE WHERE WATER INFILTRATION RESISTANCE IS REQUIRED BY THE DOOR UNLESS UNITS ARE INSTALLED IN NON-HABITABLE AREAS WHERE THE UNIT & THE AREA ARE DESIGNED TO ACCEPT WATER INFILTRATION OR THEY ARE INSTALLED ONLY AT LOCATIONS PROTECTED BY A CANOPY OR OVERHANG WHERE-BY THE OVERHANG(OH) RATIO IS EQUAL TO OR MORE THAN 1.0 PER FBC CHAPTER 24.

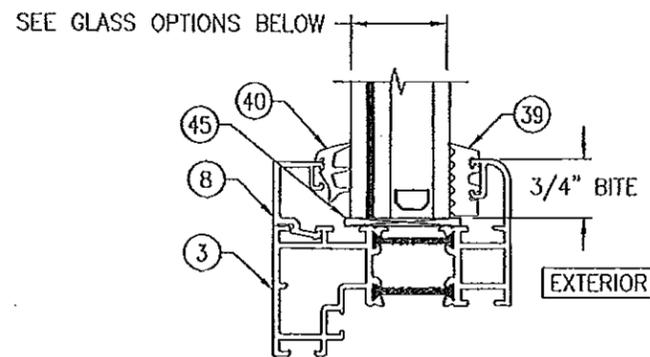


**OPTIONAL DIRECT MOUNT DETAIL TO SUBSTRATE WITH SPACER**  
 (HEAD SECTION SHOWN. SILL & SIDES ARE INSTALLED THE SAME)  
 (FOR DETAIL NOT SHOWN, SEE OTHER SECTIONS)  
 (SINGLE SCREW ROW INSTALLATION SHOWN. DOUBLE SCREW ROW ALSO APPLIES)



**NON-I.G. GLAZING DETAIL**  
**GLASS OPTIONS 1 & 2**

GLASS OPTION 1: 7/16" LAMINATED GLASS (3/16" H.S./0.09 DUPONT SGP/3/16" H.S.)  
 GLASS OPTION 2: 7/16" LAMINATED GLASS (3/16" AN./0.09 DUPONT SGP/3/16" AN.)



**I.G. GLAZING DETAIL**  
**GLASS OPTIONS 3, 4, 5 & 6**

GLASS OPTION 3: 1 1/8" I.G. LAMINATED GLASS (3/16" H.S./0.09 DUPONT SGP/3/16" H.S. INTERIOR; 1/2" AIR SPACE; 3/16" TEMP. EXTERIOR)  
 GLASS OPTION 4: 1 1/8" I.G. LAMINATED GLASS (3/16" H.S./0.09 DUPONT SGP/3/16" H.S. INTERIOR; 7/16" AIR SPACE; 1/4" TEMP. EXTERIOR)  
 GLASS OPTION 5: 1 1/8" I.G. LAMINATED GLASS (3/16" AN./0.09 DUPONT SGP/3/16" AN. INTERIOR; 1/2" AIR SPACE; 3/16" TEMP. EXTERIOR)  
 GLASS OPTION 6: 1 1/8" I.G. LAMINATED GLASS (3/16" AN./0.09 DUPONT SGP/3/16" AN. INTERIOR; 7/16" AIR SPACE; 1/4" TEMP. EXTERIOR)

PRODUCT REVISED  
 as complying with the Florida  
 Building Code  
 Acceptance No. 14-0428-03  
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 By [Signature]  
 Island Code Product Control

PRODUCT RENEWED  
 as complying with the Florida  
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 Expiration Date 01/15/15  
 By [Signature]  
 Island Code Product Control



DRAWN BY: W.R.M.	CHECKED BY: W.W.S.
PLOT: 1=2	DATE: 11/23/09
NO.	REVISION DESCRIPTION
DATE	BY
DRAWING TITLE SL-73 IN-SWING IMPACT FOLDING PANELS	
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) 7480 150TH COURT NORTH PALM BEACH GARDENS, FL 33418 PHONE: 561-744-5424	
CERTIFICATION DEC 18 2011 WARREN W. SCHAEFER, P.E. P.E. NO. 44135	
DRAWING NO. 1636	REV. A
SHEET NO. 7 of 8	

