



**MIAMI-DADE COUNTY**  
 DEPARTMENT OF PERMITTING, ENVIRONMENT, AND REGULATORY  
 AFFAIRS (PERA)  
 BOARD AND CODE ADMINISTRATION DIVISION  
**NOTICE OF ACCEPTANCE (NOA)**

**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/pera/](http://www.miamidade.gov/pera/)

**Nan Ya Plastics Corporation, USA**  
**8989 North Loop East, Suite 800**  
**Houston, TX 77029**

**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 PERA -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. PERA 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 6'11" Outswing Fiberglass Doors w/ Sidelite (OXX or XXO) – L.M.I.**

**APPROVAL DOCUMENT:** Drawing No. **NAYT0023 Rev C**, titled "6'11" Fiberglass Outwing Patio Door", sheets 1 through 8 of 8, dated 11/25/10 and last revised on 10/15/11, prepared by PTC, LLC, signed and sealed by Robert James Amoroso, P.E., bearing the Miami-Dade County Product Control Approval stamp with the Notice of Acceptance number and Approval date by the Miami-Dade County Product Control Section.

**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 series 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 is 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.**

11/16/11



**NOA No 11-0307.02**  
**Expiration Date: November 24, 2016**  
**Approval Date: November 24, 2011**  
**Page 1**

**NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED**

**A. DRAWINGS**

1. Drawing No. **NAYT0023 Rev C**, titled "6'11" Fiberglass Outwing Patio Door", sheets 1 through 8 of 8, dated 11/25/10 and last revised on 10/15/11, prepared by PTC, LLC, signed and sealed by Robert James Amoruso, 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 an outswing fiberglass double door w/ sidelite, prepared by Certified Testing Laboratories, Inc., Test Report No. **CTLA-2019W**, dated 10/05/10, signed and sealed by Ramesh C. Patel, P.E.

Note: This test report has been revised by an addendum letter dated July 12, 2011, issued by Certified Testing Lab, signed & sealed by Ramesh Patel, P.E.

**C. CALCULATIONS**

1. Anchor verification calculations, complying with FBC-2007, prepared by PTC, LLC, dated 02/28/11 and last revised on 10/15/11, signed and sealed by Robert James Amoruso, P.E.
2. Glazing complies w/ ASTME-1300-02 & -04

**D. QUALITY ASSURANCE**

1. Miami Dade Department of Permitting, Environment, and Regulatory Affairs (PERA).

**E. MATERIAL CERTIFICATIONS**

1. Notice of Acceptance No. 11-0325.05 issued to Solutia Inc. for "Saflex clear & color Interlayer", expiring on 05/21/16.
2. Test report No.ETC-05-255-16776.1, prepared by ETC Laboratories, dated 07/06/06, issued to Nan Ya Plastics Corp., for their SMC Fiberglass material / ETC05033 per ASTM D638-03 "4500 exposed Xenon Arch" & tensile strength ASTM D638-03 "Tensile strength", Smoke density per ASTM D2843-99, Rate of burning per ASTM D635-98 and "Self ignition" per ASTM D1929-01, all signed and sealed by Joseph Labora Doldan, P.E.
3. Test report No.ETC-05-255-17144.0, prepared by ETC Laboratories, dated 07/03/08, issued to Nan Ya Plastics Corp., for their Rigid PVC plastic( part #ETC06024) per ASTM D1929-96 "Standard Test Method for Ignition Properties of Plastics", ASTM D2843-99 "Standard Test Method for Density of Smoke from the Burning or Decomposition of Plastics", ASTM D635-98 "Standard Test Method for Rate of Burning and/or Extent and Time of Burning of Self-Supporting Plastics in a Horizontal Position" and ASTM D638-03 "Standard Test Methods for Tensile Properties of Plastics" for exposed & unexposed sample per Xenon Arch after 4500 Hours, signed and sealed by Joseph Labora Doldan, P.E.



Ishaq I. Chanda, P.E.

Product Control Examiner

NOA No 11-0307.02

Expiration Date: November 24, 2016

Approval Date: November 24, 2011

**NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED**

**E. MATERIAL CERTIFICATIONS (continue)**

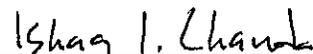
4. Test reports No(s).**ETC-06-255-17412.0**, prepared by ETC Laboratories, dated 04/25/06, issued to Nan Ya Plastics Corp., for their **Phenolic Foam Board / ETC06013** plastic per **ASTME-E84-05** "*Standard Test Method for Surface Burning Characteristics of Building Materials*", Test report No.**ETC-05-255-17900.0**, dated 06/28/06, ETC06013 plastic per **ASTM D1929-96** "*Standard Test Method for Ignition Properties of Plastics*", both signed & sealed by Joseph Labora Doldan, P.E.
5. Test report No.**ETC-05-255-16777.1**, prepared by ETC Laboratories, dated 04/26/06, issued to Nan Ya Plastics Corp., for their **Cellular PVC / ETC05034** plastic per **ASTM D1929-96** "*Standard Test Method for Ignition Properties of Plastics*", **ASTM D2843-99** "*Standard Test Method for Density of Smoke from the Burning or Decomposition of Plastics*", **ASTM D635-98** "*Standard Test Method for Rate of Burning and/or Extent and Time of Burning of Self-Supporting Plastics in a Horizontal Position*" and **ASTM D638-03** "*Standard Test Methods for Tensile Properties of Plastics*", signed and sealed by Joseph Labora Doldan, P.E.
6. Statement letter dated October 17, 2011, for standard equivalency of **ASTME84-05** and **ASTMD635-98** conforming to **FBC 2007** for above referenced test reports, issued by **PTC, LLC**, signed & sealed by **Robert J. Amoruso, P.E.**

**F. STATEMENTS**

1. Statement letter dated 02/07/11, product conformance to **FBC 2007** and letter of "No financial interest", prepared by **PTC, LLC**, signed and sealed by **Robert J. Amoruso, P.E.**
2. Statement of lab compliance, as a part of above test report.

**G. OTHER**

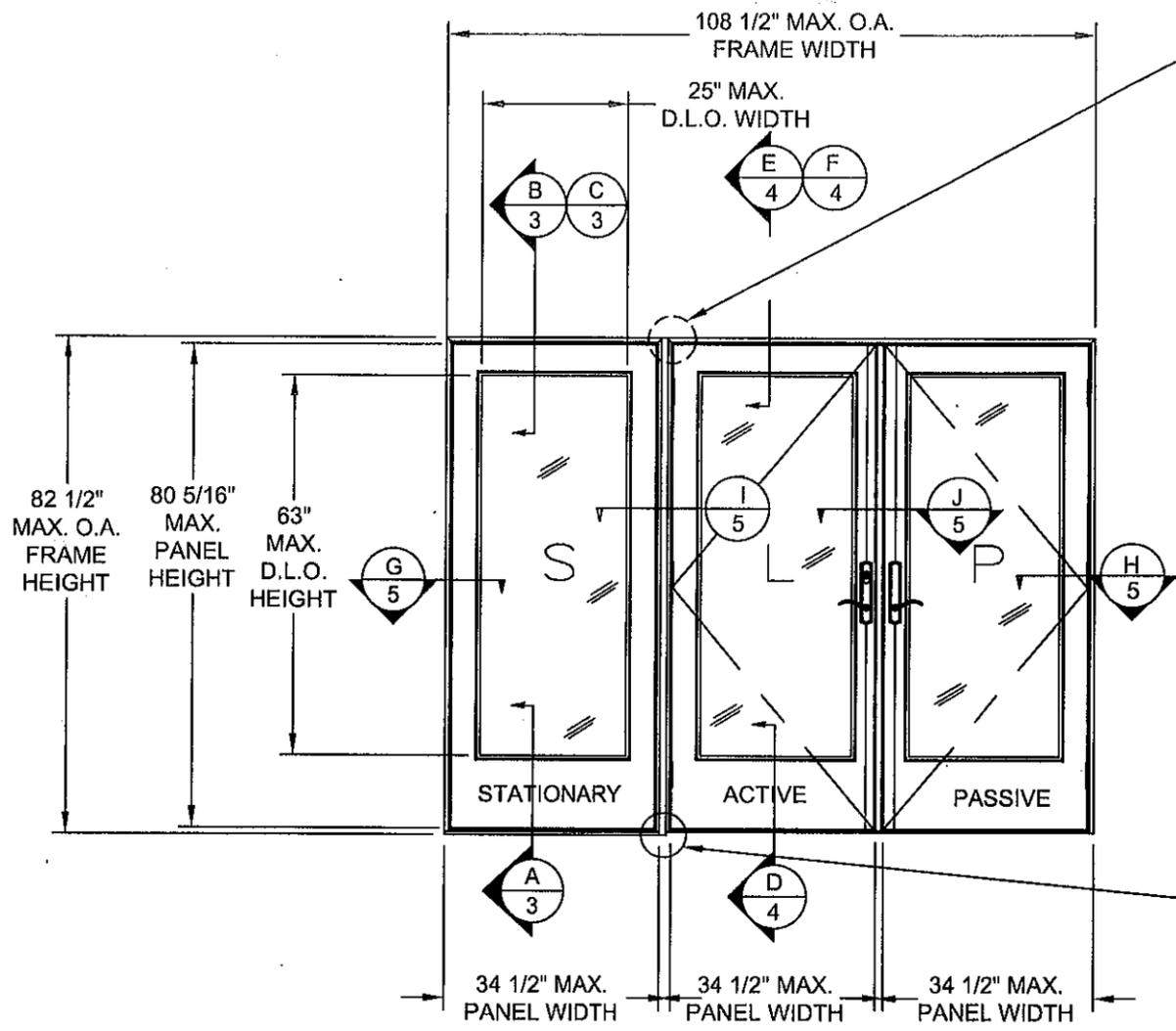
1. None.



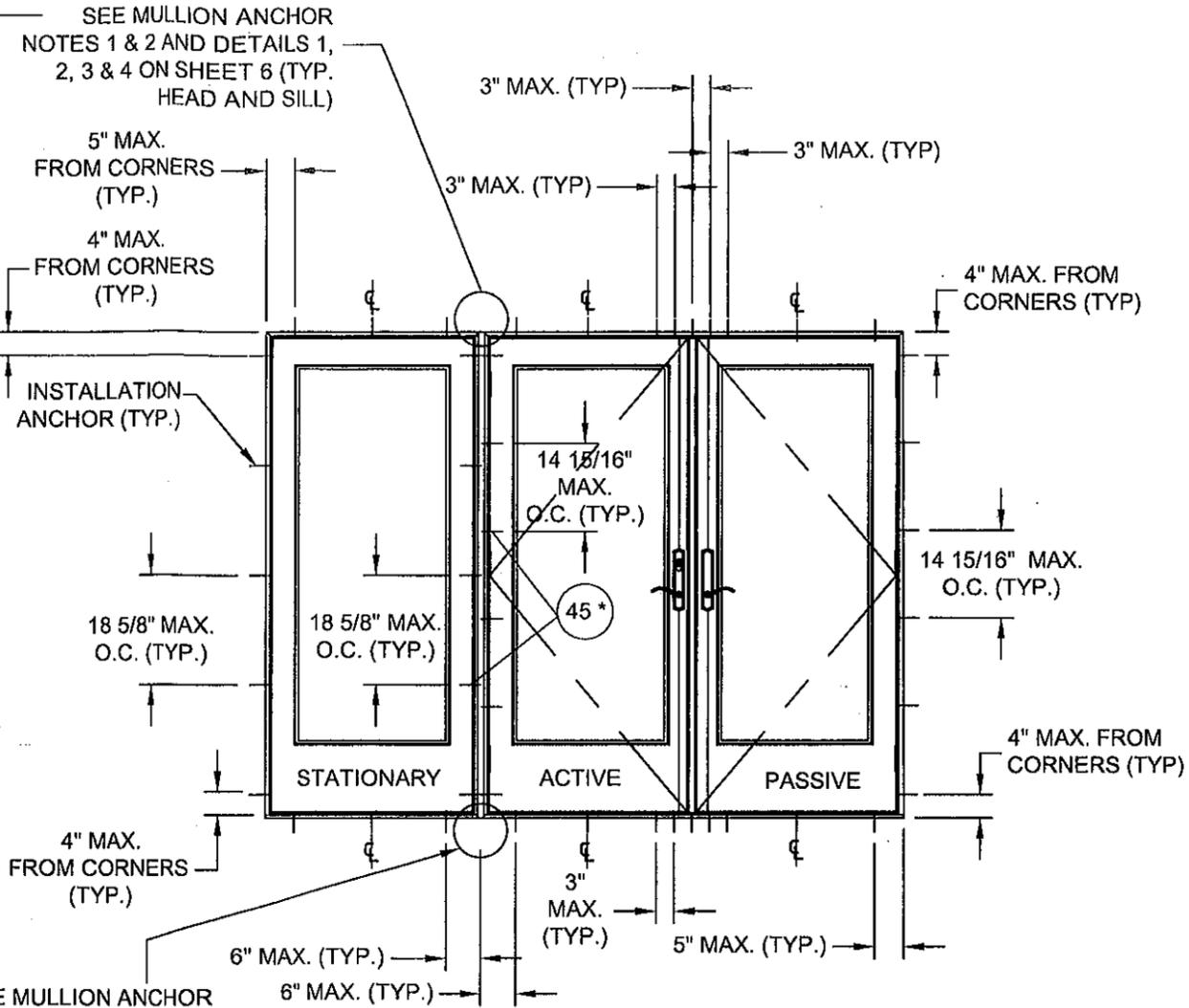
Ishaq I. Chanda, P.E.  
Product Control Examiner  
NOA No 11-0307.02

Expiration Date: November 24, 2016  
Approval Date: November 24, 2011





**ELEVATION (OXX)**  
EXTERIOR VIEW

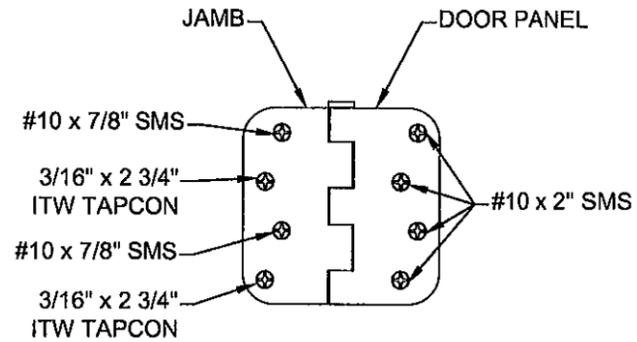


**ANCHOR LAYOUT**

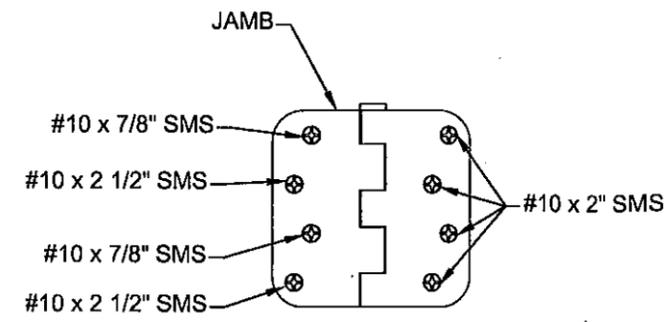
EXTERIOR VIEW

\* ITEM NO. 45 USED TO SECURE JAMBS THROUGH REINFORCING MULLION

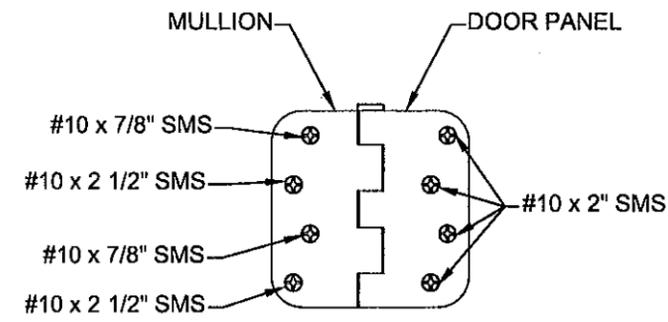
Approved on complying with the Florida Building Code  
 Date NOV 24, 2011  
 NOA# 11-0307.02  
 Miami Dade Product Control  
 By Isaac J. Chubb



**HINGE TO JAMB**  
MASONRY/CONCRETE INSTALLATION



**HINGE TO JAMB**  
WOOD FRAMING INSTALLATION



**HINGE TO MULLION**  
WOOD FRAMING OR MASONRY/CONCRETE INSTALLATION

PROJECT #310-1005		TJH	BY
PER DATE LETTER DATED SEPT. 21, 2011	09/21/11	TJH	DATE
PER DATE LETTER DATED APRIL 19, 2011	08/05/11	TJH	DATE
C	B	REV	DESCRIPTION

NAN YA PLASTICS CORPORATION, USA  
 8989 NORTH LOOP EAST  
 HOUSTON, TX 77029

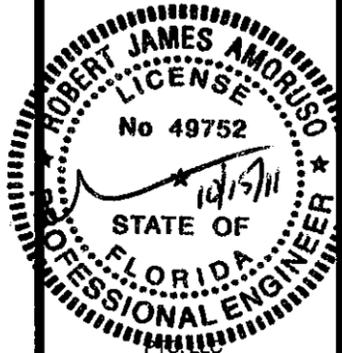
6"11" FIBERGLASS OUTSWING PATIO DOOR  
 ELEVATION & ANCHOR LAYOUT

PREPARED BY: JRM  
 SCALE: N.T.S.  
 REV: C

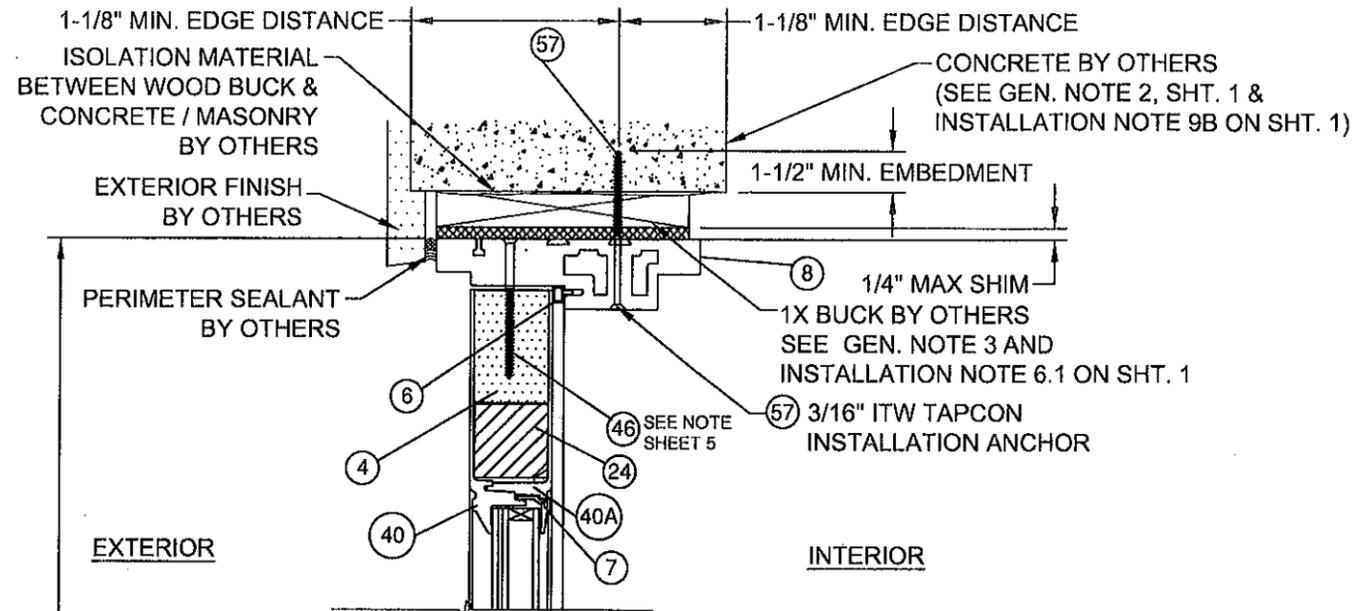
DATE: 11/25/10  
 DRAWING NO: NAN0023  
 SHEET: 2 OF 8

PTC, LLC  
 Phone 321.650.1788  
 Fax 321.650.1788

ROBERT J. AMORUSO  
 Florida P.E. No. 49752

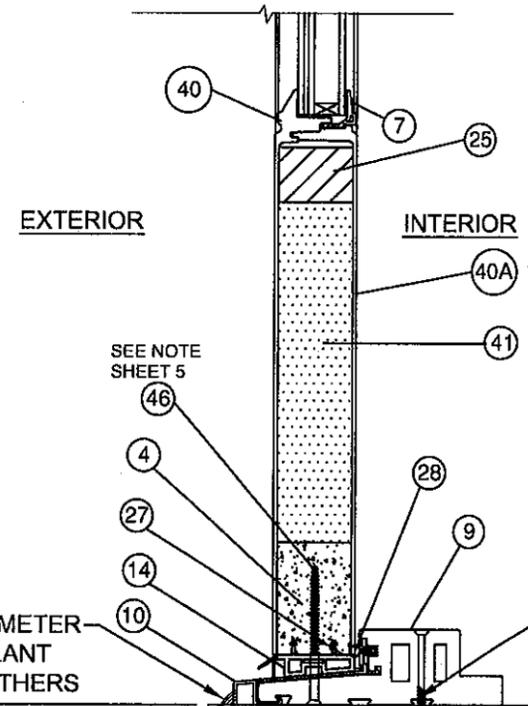


P.O. BOX 520775  
 LONGWOOD, FL 32752  
 FBPE Certificate of Authorization No. 25935

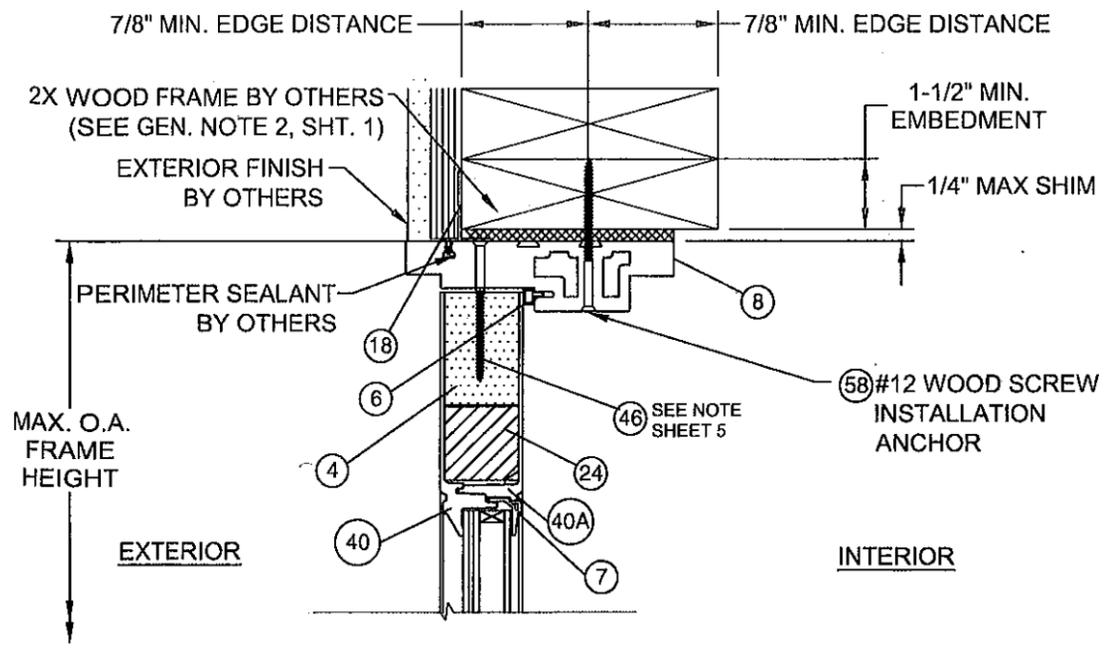


**B** VERTICAL SECTION  
CONCRETE / MASONRY SUBSTRATE  
SIDELITE PANEL @ HEAD

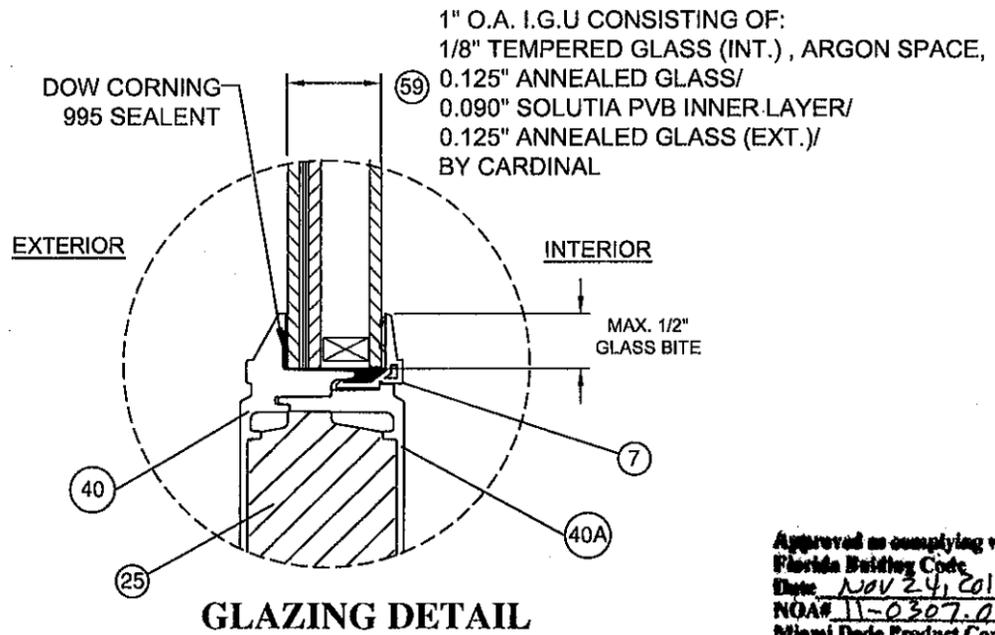
MAX. O.A.  
FRAME  
HEIGHT =  
82-1/2"



**A** VERTICAL SECTION  
CONCRETE SUBSTRATE  
SIDELITE PANEL @ SILL



**C** VERTICAL SECTION  
WOOD FRAME SUBSTRATE  
SIDELITE PANEL @ HEAD



**GLAZING DETAIL**

Approved as complying with the  
Florida Building Code  
Date Nov 24, 2011  
NOA# 11-0307.02  
Miami Dade Product Control  
By Ishug I. Chank

PROJECT #310-1005

PER DADE LETTER DATED SEPT. 21, 2011	09/21/11	TJH	DATE	BY
PER DADE LETTER DATED APRIL 19, 2011	08/05/11	TJH	DESCRIPTION	REV
C	B	REV		

NAN YA PLASTICS CORPORATION, USA  
8989 NORTH LOOP EAST  
HOUSTON, TX 77029

TITLE: 6"11" FIBERGLASS OUTSWING PATIO DOOR  
VERTICAL SECTIONS

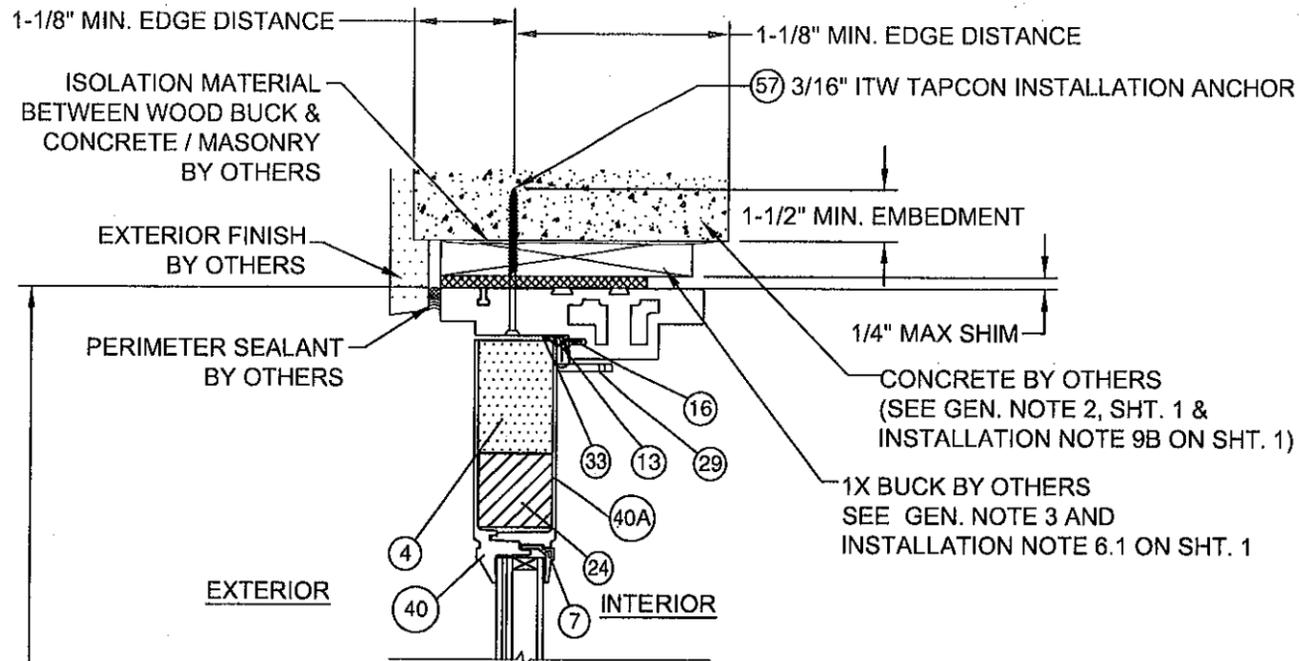
DATE: 11/25/10	DRAWN BY: JRM	SHEET: 3 OF 8
DRAWING NO: NAN0023	SCALE: N.T.S.	REV: C

PREPARED BY: JRM  
FIC, LLC  
Phone: 321.690.1788  
Fax: 321.690.1789

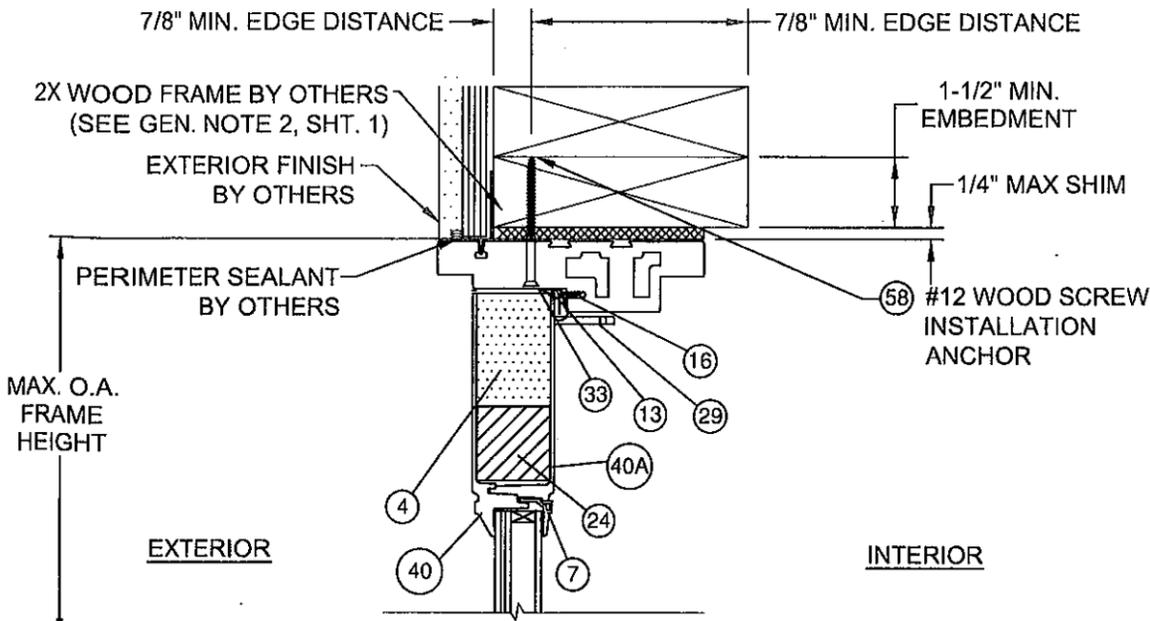
ROBERT J. AMORUSO  
Florida P.E. No. 49752

STATE OF  
FLORIDA  
PROFESSIONAL ENGINEER

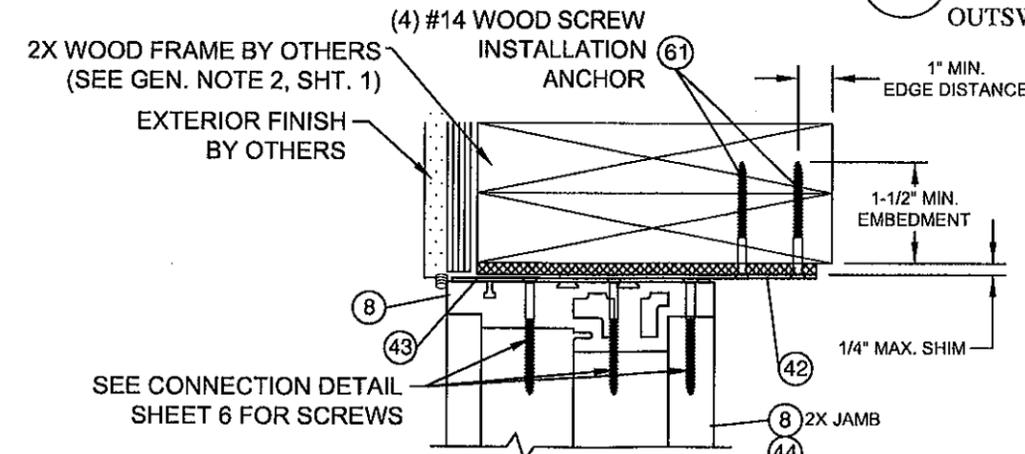
P.C., LLC  
P.O. BOX 520775  
LONGWOOD, FL 32752  
FBPE Certificate of  
Authorization No. 25935



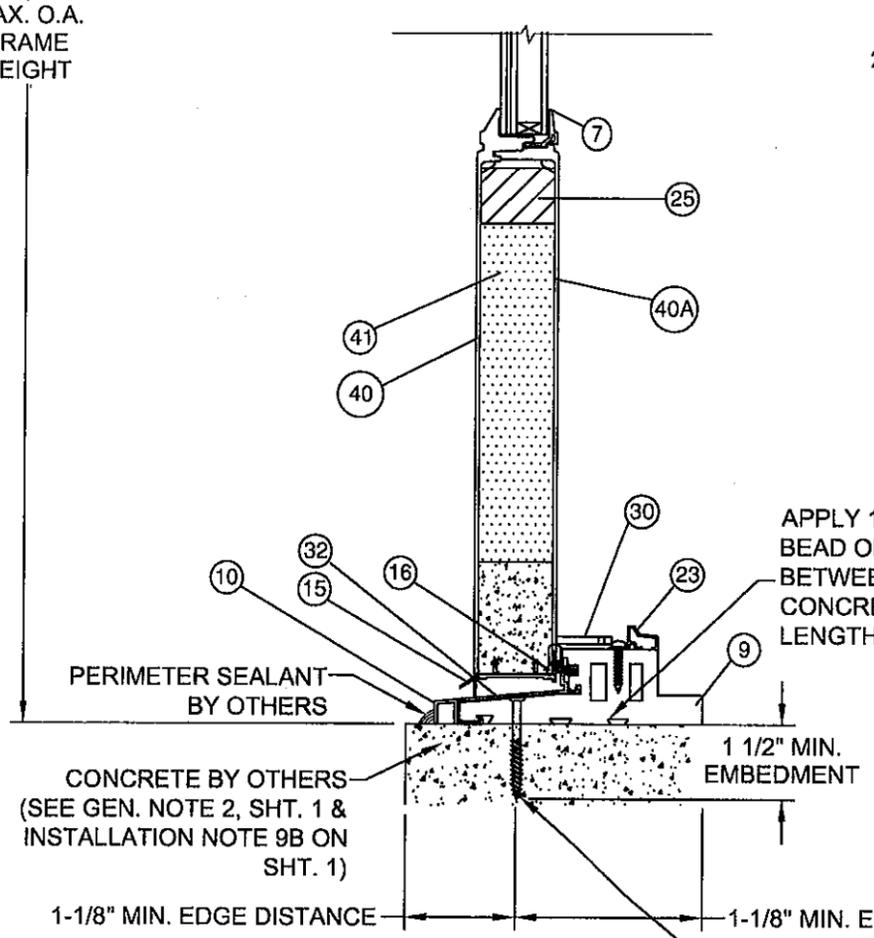
**E VERTICAL SECTION**  
CONCRETE / MASONRY SUBSTRATE  
OUTSWING DOOR PANEL @ HEAD



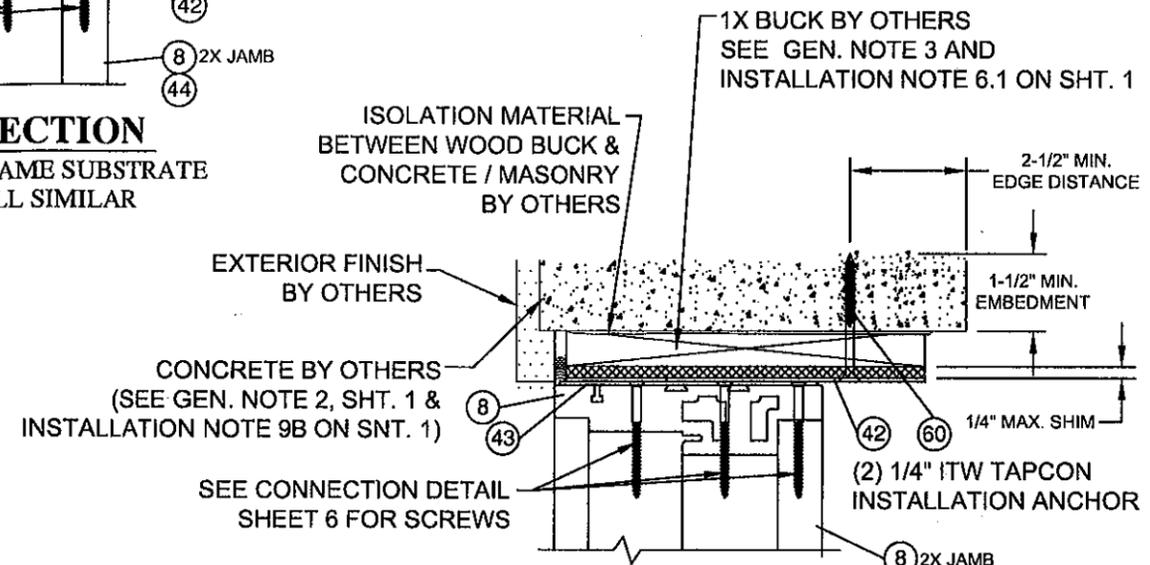
**F VERTICAL SECTION**  
WOOD FRAME SUBSTRATE  
OUTSWING DOOR PANEL @ HEAD



**VERTICAL SECTION**  
MULLION TO WOOD FRAME SUBSTRATE  
HEAD SHOWN, SILL SIMILAR



**D VERTICAL SECTION**  
CONCRETE SUBSTRATE  
OUTSWING DOOR PANEL @ SILL



**VERTICAL SECTION**  
MULLION TO CONCRETE SUBSTRATE  
HEAD SHOWN, SILL SIMILAR

Approved as complying with the  
Florida Building Code  
Date Nov 24, 2011  
NOA# 11-0307-02  
Miami Code Product Control  
By Ishag J. Chande

PROJECT #310-1005

PER DADE LETTER DATED SEPT. 21, 2011	TJH	DATE
PER DADE LETTER DATED APRIL 19, 2011	TJH	DATE
REV	DESCRIPTION	BY
C		
B		

NAN YA PLASTICS CORPORATION, USA  
8989 NORTH LOOP EAST  
HOUSTON, TX 77029

6'11" FIBERGLASS OUTSWING PATIO DOOR  
VERTICAL SECTIONS

DATE: 11/25/10  
DRAWING NO: NAN0023  
SCALE: N.T.S.  
SHEET: 4 OF 8

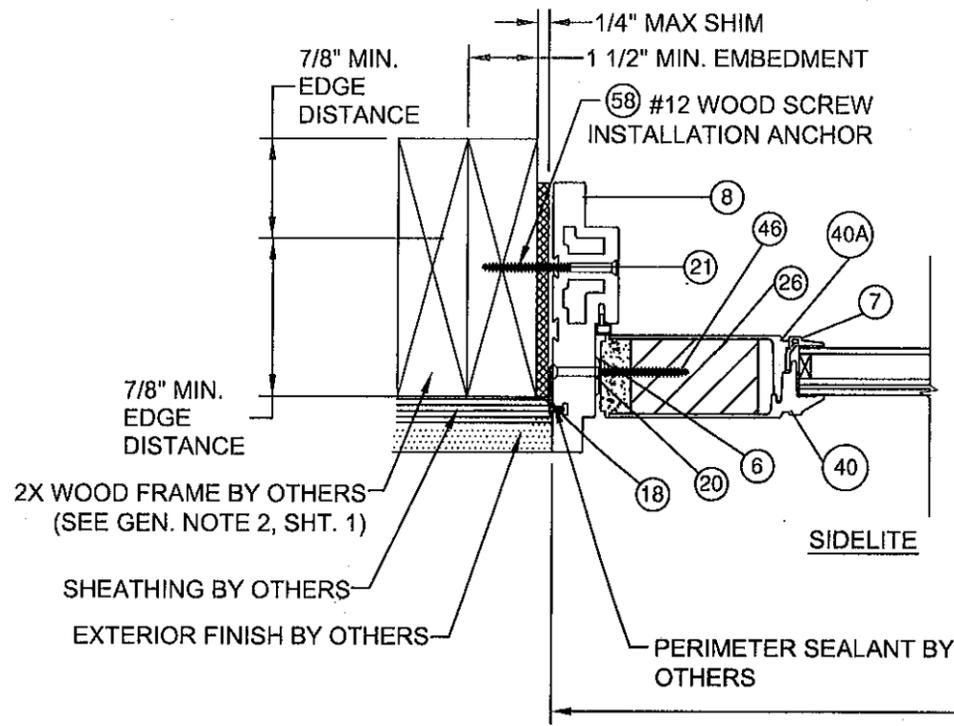
PREPARED BY: JRM  
DRAWN BY: JRM  
REV: C

PTC, LLC  
P.O. BOX 520775  
LONGWOOD, FL 32752  
Phone: 321.690.1788  
Fax: 321.690.1789

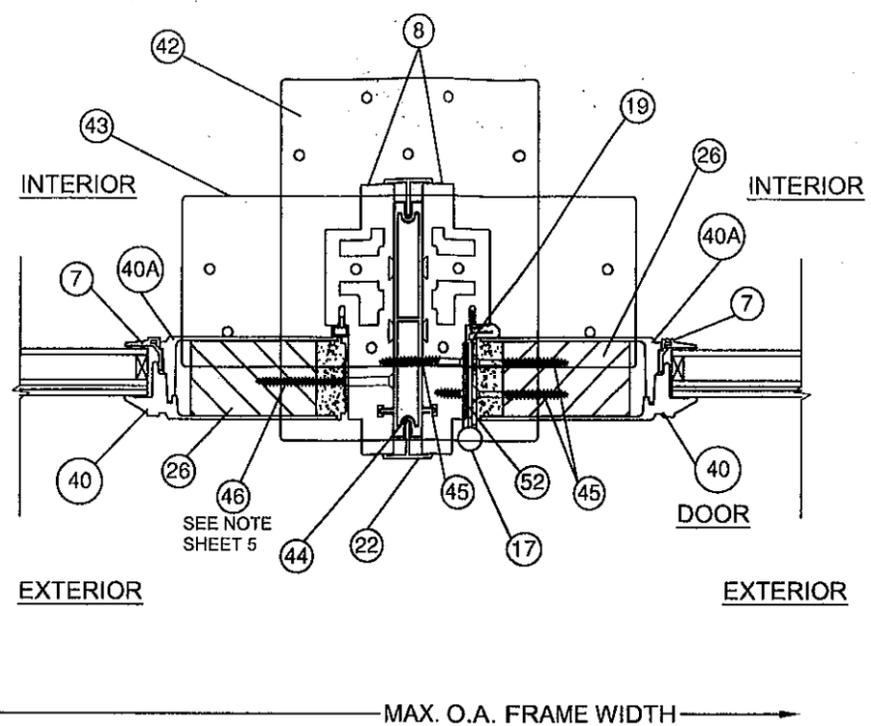
ROBERT J. AMORUSO  
Florida P.E. No. 49752

STATE OF FLORIDA  
PROFESSIONAL ENGINEER  
LICENSE  
No 49752

PTC, LLC  
P.O. BOX 520775  
LONGWOOD, FL 32752  
FBPE Certificate of  
Authorization No. 25935



**G HORIZONTAL SECTION**  
WOOD FRAME SUBSTRATE  
GLAZED SIDELITE PANEL @ JAMB

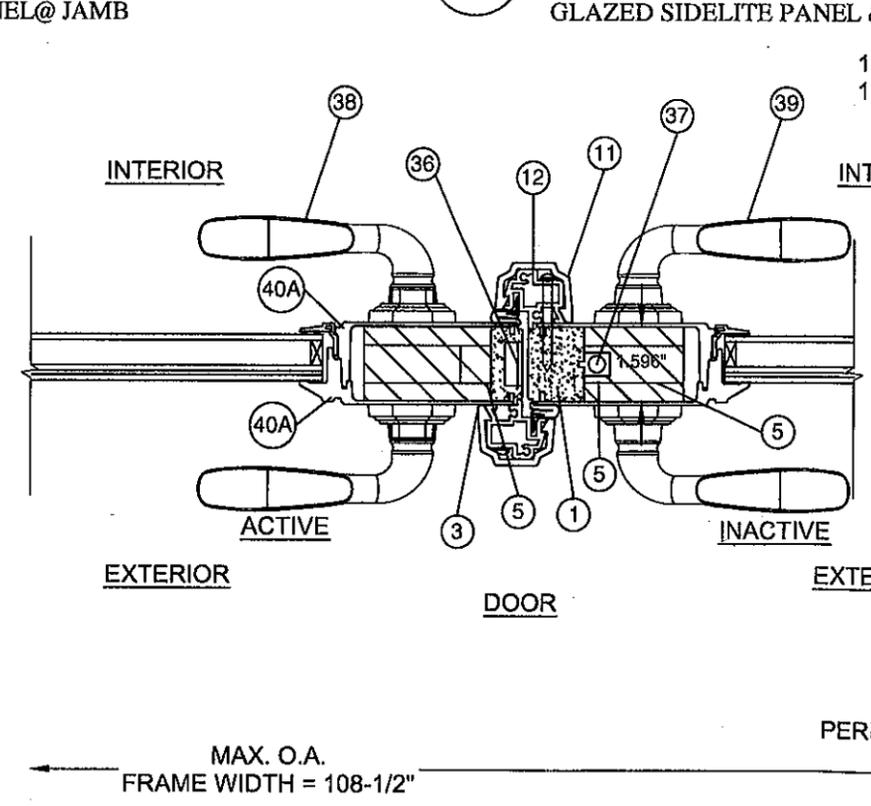


**I HORIZONTAL SECTION**  
MULLION  
GLAZED SIDELITE PANEL & ACTIVE DOOR

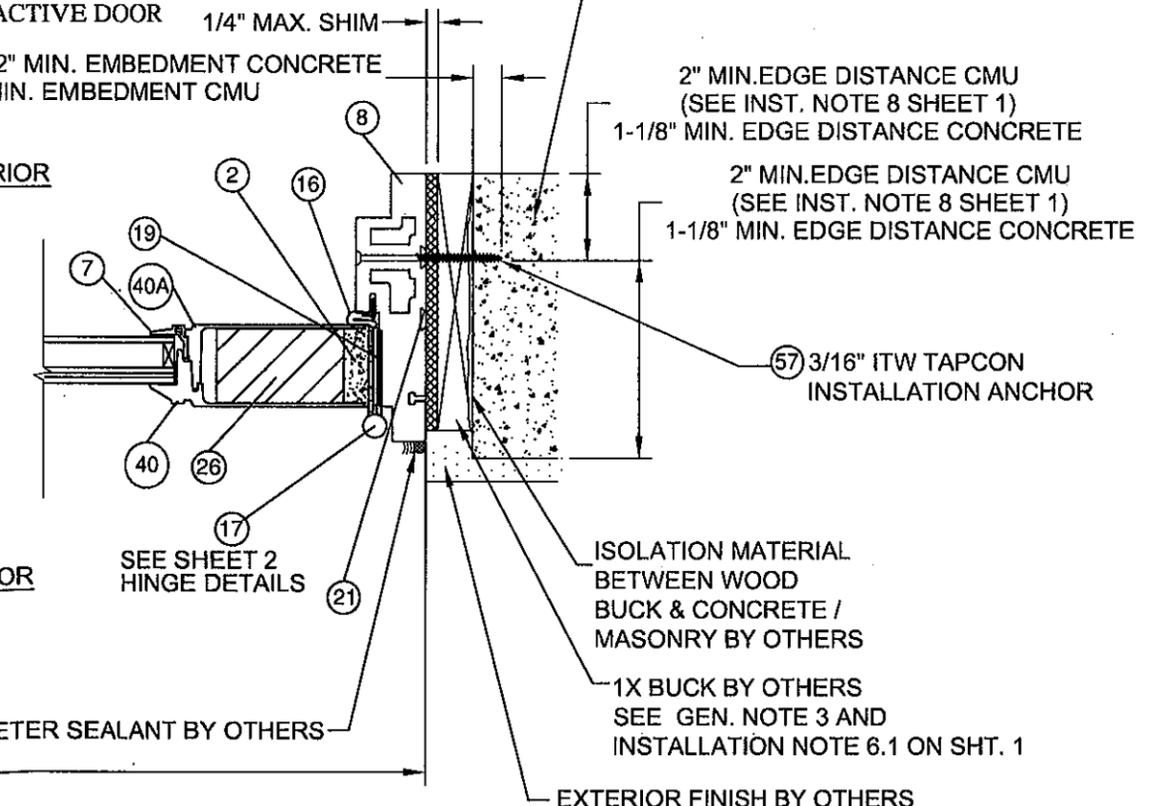
**SIDELITE NOTE**  
THE SIDELITE IS SECURED TO THE JAMB WITH #10 x 3\"/>

A. HEAD AND SILL: (3) SCREWS AT 5\"/>

B. JAMBS: (5) SCREWS AT 4\"/>



**J HORIZONTAL SECTION**  
ASTRAGAL  
INACTIVE DOOR & ACTIVE DOOR PANEL



**H HORIZONTAL SECTION**  
CONCRETE / MASONRY SUBSTRATE  
GLAZED INACTIVE PANEL @ JAMB

Approved as complying with the  
Florida Building Code  
Date: Nov 24, 2011  
NOA# 11-0507-02  
Miami Dade Product Control  
By Ishag I. Chavala

PROJECT #310-1005	PER DADE LETTER DATED SEPT. 21, 2011	09/21/11	TJH	DATE	BY
	PER DADE LETTER DATED APRIL 19, 2011	08/05/11	TJH	DESCRIPTION	REV

NAN YA PLASTICS CORPORATION, USA  
8989 NORTH LOOP EAST  
HOUSTON, TX 77029

6"11" FIBERGLASS OUTSWING PATIO DOOR  
HORIZONTAL SECTIONS

DATE: 11/25/10  
DRAWN BY: JRM  
SCALE: N.T.S.  
DRAWING NO.: NAN0023  
SHEET: 5 OF 8

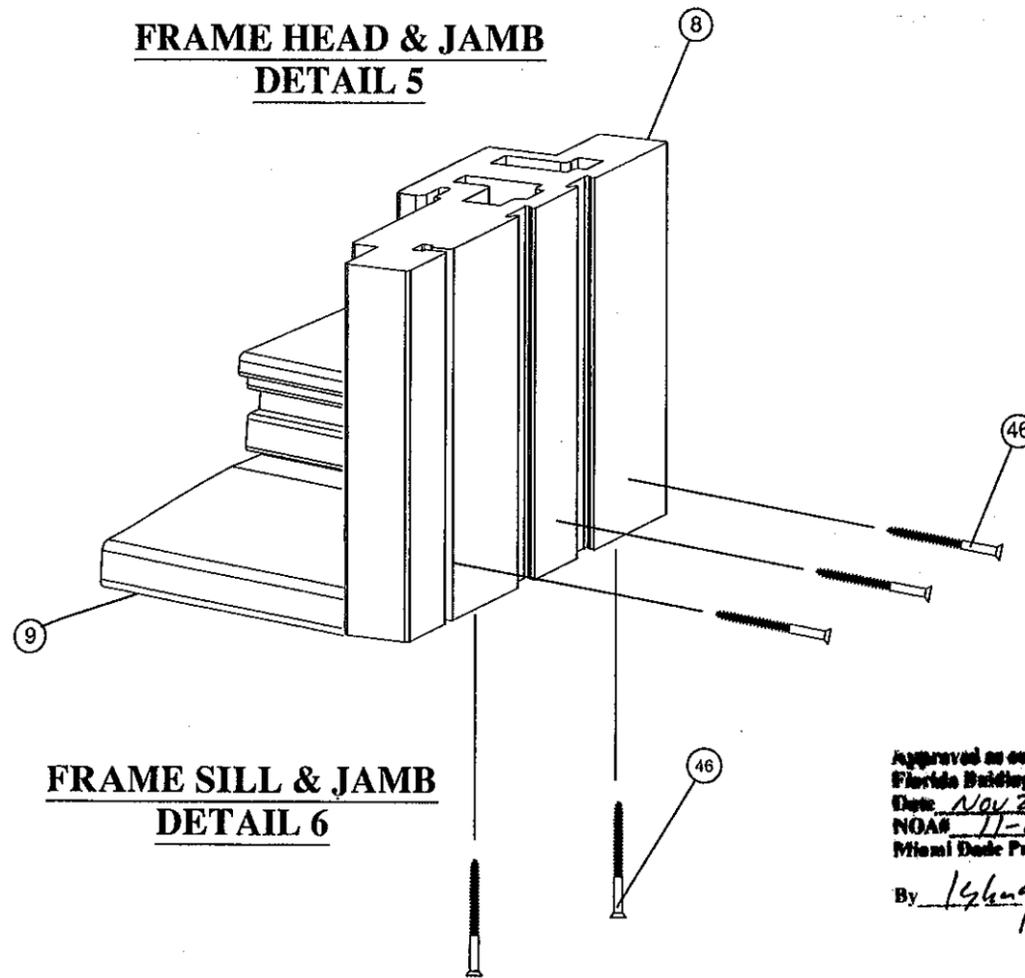
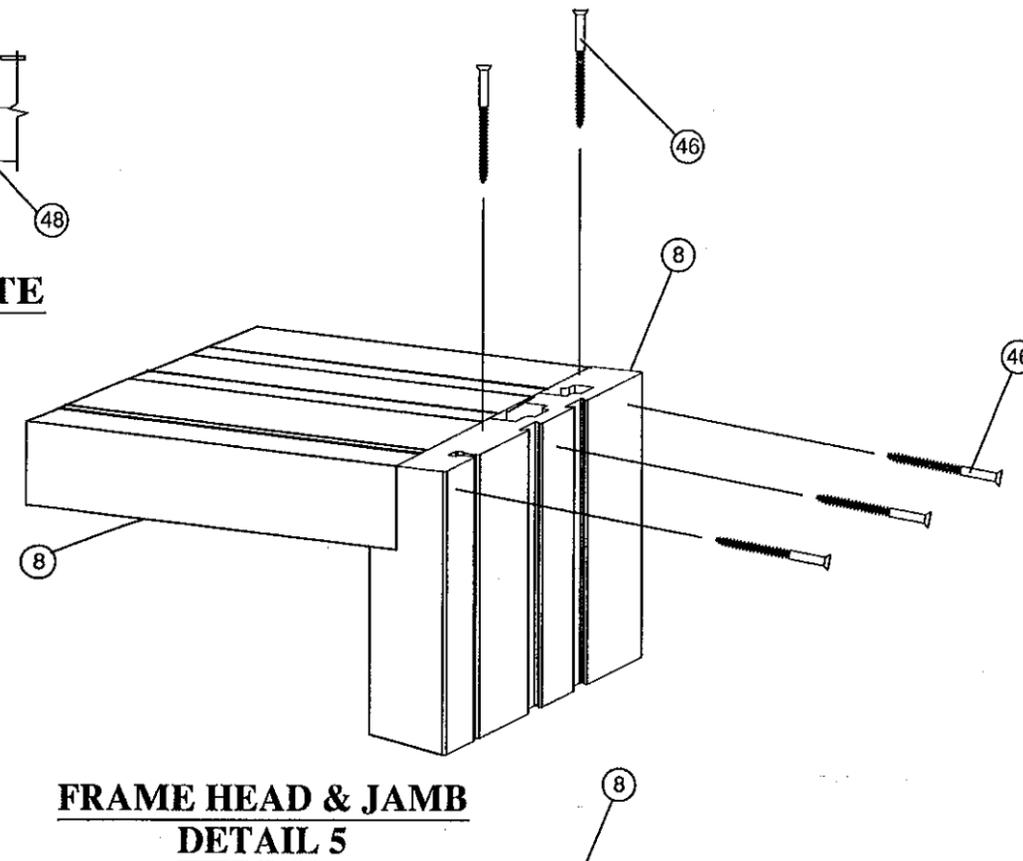
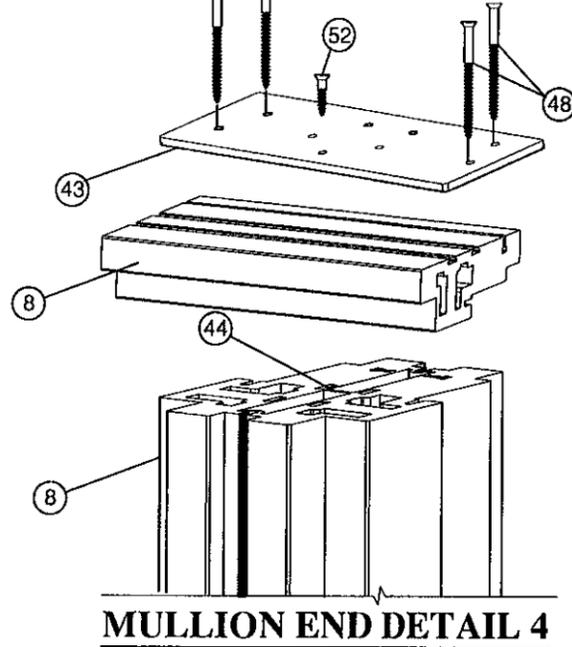
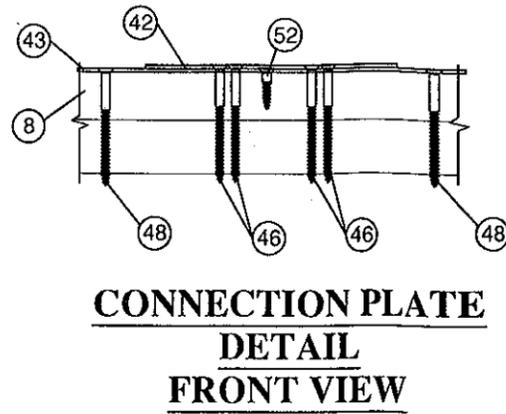
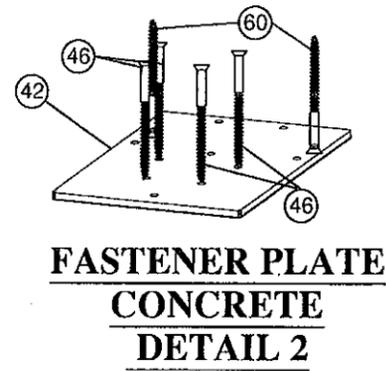
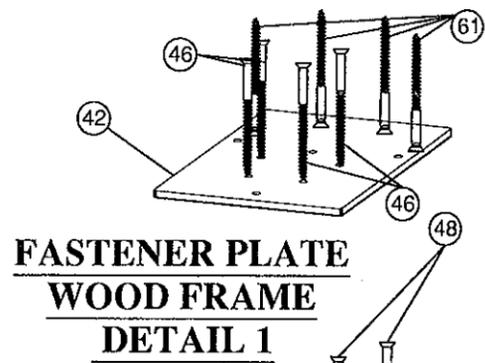
PREPARED BY: PTC, LLC  
Phone: 321.690.1788  
Fax: 321.690.1789

ROBERT J. AMORUSO  
Florida P.E. No. 49752

ROBERT JAMES AMORUSO  
LICENSE  
No 49752

STATE OF  
FLORIDA  
PROFESSIONAL ENGINEER

PTC, LLC  
P.O. BOX 520775  
LONGWOOD, FL 32752  
FBPE Certificate of  
Authorization No. 25935



**MULLION ATTACHMENT AND INSTALLATION NOTES:**

1. MULLION ATTACHMENT TO THE FRAME HEAD, SILL AND JAMB - CONNECTION/FASTENER PLATE
  - 1.1. THE MULLION IS ATTACHED TO THE SUBSTRATE FRAME HEAD AND SILL UTILIZING TWO (2) STEEL PLATES; THE FASTENER PLATE (ITEM NO. 42) AND THE CONNECTION PLATE (ITEM NO. 43).
    - 1.1.1. THE CONNECTION PLATE (ITEM NO. 43) TIES THE FRAMING COMPONENTS TOGETHER.
    - 1.1.2. THE FASTENER PLATE (ITEM NO. 42) SERVES TO SECURE THE MULLION TO THE SUPPORTING SUBSTRATE.
  - 1.2. FOUR (4) #10 X 2.50" F.H. S.M.S. (ITEM NO. 46) ARE USED TO SECURE THE CONNECTION/FASTENER PLATE COMBINATION TO THE JAMB FRAMING MEMBERS AT HEAD OR SILL.
  - 1.3. FOUR (4) #10 X 1.50" F.H. S.M.S. (ITEM NO. 48) ARE USED TO SECURE THE CONNECTION PLATE TO THE HEAD OR SILL FRAMING MEMBERS; TWO (2) S.M.S. ARE USED IN EITHER SIDE OF THE MULLION AT THE HEAD OR SILL
    - 1.3.1. ADDITIONALLY, ONE (1) #10 X 0.875" F.H. S.M.S. (ITEM NO. 52) IS USED TO SECURE THE CONNECTION PLATE TO THE REINFORCING MULLION AT THE HEAD OR SILL
2. FASTENER PLATE ANCHORAGE TO SUPPORTING SUBSTRATE:
  - 2.1. FOR PLATE ATTACHMENT (ITEM NO. 42) TO WOOD FRAME SUBSTRATES USE FOUR (4) #14 WOOD SCREWS (ITEM NO. 61) PER PLATE AT THE HEAD OR SILL (EACH MULLION END) INTO THE INSTALLATION BUCKING OR FRAME. A MINIMUM OF 1-1/2" EMBEDMENT INTO SUBSTRATE AND MAINTAINING AT LEAST 1" MINIMUM EDGE DISTANCE IS REQUIRED.
  - 2.2. FOR PLATE ATTACHMENT (ITEM NO. 42) TO CONCRETE SUBSTRATES USE TWO (2) 1/4" I.T.W. TAPCONS (ADVANCED THREADFORM TECHNOLOGY) (ITEM NO. 60) PER PLATE AT THE HEAD OR SILL (EACH MULLION END) THROUGH THE INSTALLATION BUCKING (IN APPLICABLE) INTO THE CONCRETE SUBSTRATE. A MINIMUM OF 13/4" EMBEDMENT INTO SUBSTRATE AND MAINTAINING AT LEAST 2-1/2" MINIMUM EDGE DISTANCE IS REQUIRED.

Approved as complying with the Florida Building Code  
 Date Nov 24, 2011  
 NOA# 11-0307-02  
 Miami Dade Product Control

By [Signature]

PROJECT #310-1005		TJH	BY
PER DADE LETTER DATED SEPT. 21, 2011	09/21/11	TJH	DATE
PER DADE LETTER DATED APRIL 19, 2011	08/05/11	TJH	DATE
C	B	REV	DESCRIPTION

**NAN YA PLASTICS CORPORATION, USA**  
 8989 NORTH LOOP EAST  
 HOUSTON, TX. 77029

6"11" FIBERGLASS OUTSWING PATIO DOOR  
 CORNER SECTIONS & MULLION SECTIONS

DATE: 11/25/10  
 DRAWING NO: NAN0023  
 SCALE: N.T.S.  
 SHEET: 6 OF 8

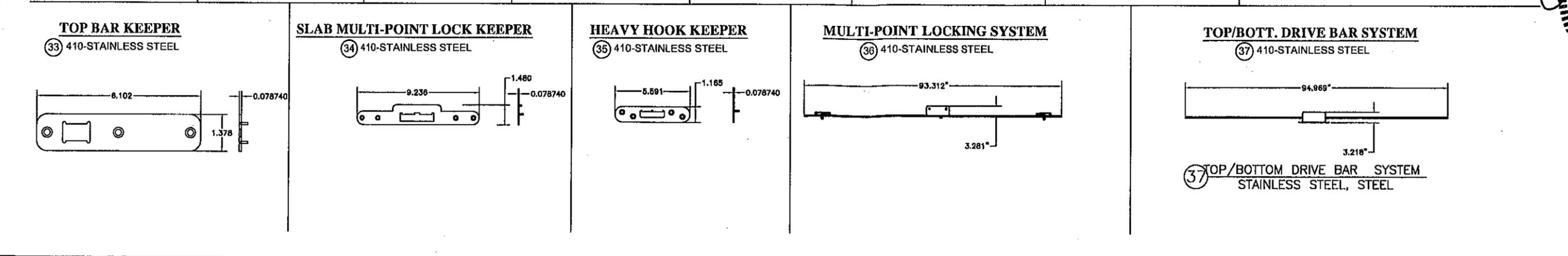
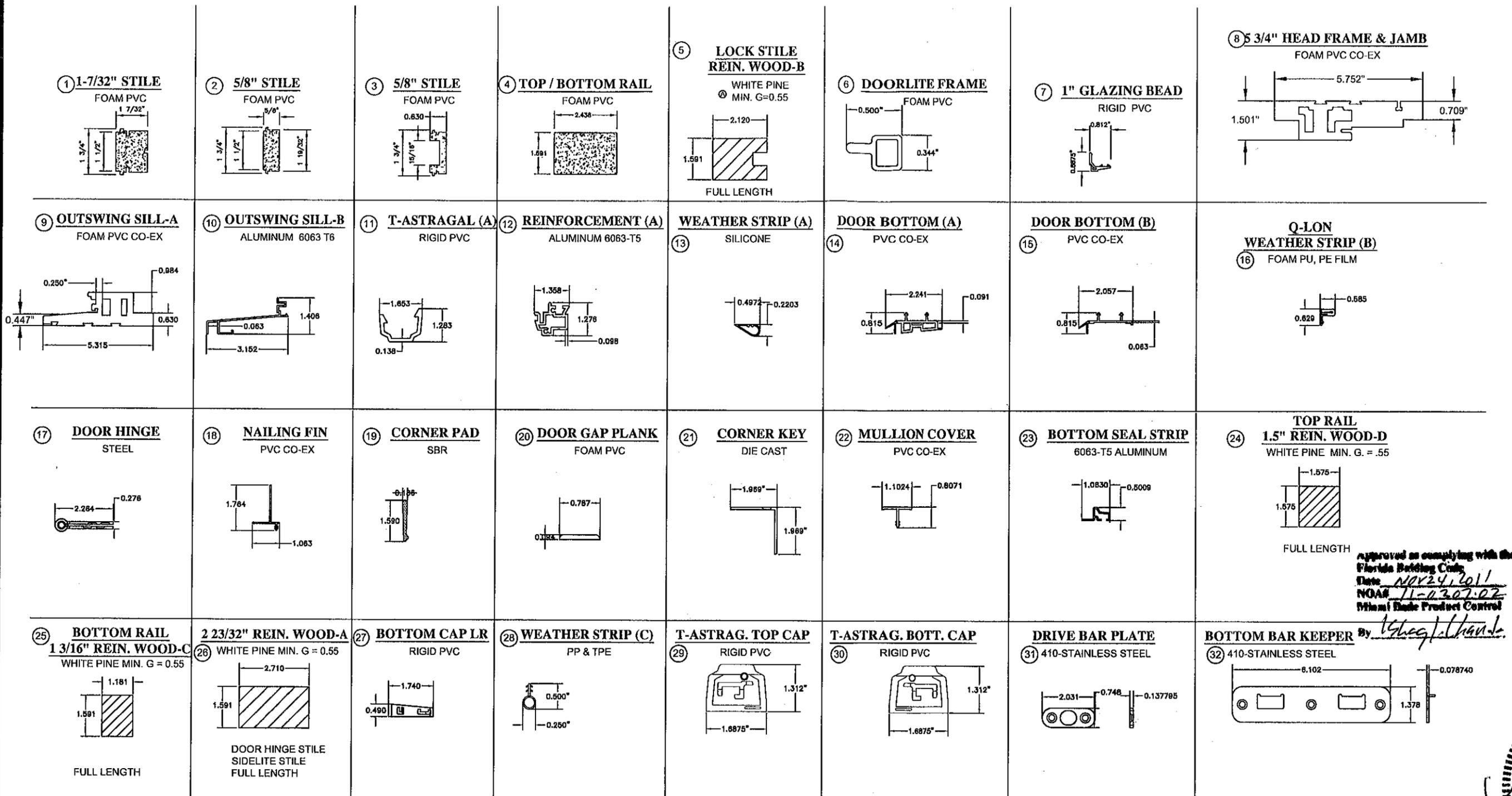
PREPARED BY: JRM  
 DRAWN BY: JRM  
 CHECKED BY: N.T.S.  
 REV: C

PTC, LLC  
 Phone: 321.680.1788  
 Fax: 321.680.1789

ROBERT J. AMORUSO  
 Florida P.E. No. 49752

**ROBERT JAMES AMORUSO**  
 LICENSE  
 No 49752  
 10/15/11  
 STATE OF  
 FLORIDA  
 PROFESSIONAL ENGINEER

PTC, LLC  
 P.O. BOX 520775  
 LONGWOOD, FL 32752  
 FBPE Certificate of  
 Authorization No. 25935



PROJECT #310-1005

PER DADE LETTER DATED SEPT. 21, 2011	09/21/11	TJH	DATE	BY
PER DADE LETTER DATED APRIL 19, 2011	08/05/11	TJH	DATE	BY
REV	DESCRIPTION			

NAN YA PLASTICS CORPORATION, USA  
8989 NORTH LOOP EAST  
HOUSTON, TX 77029

6'11" FIBERGLASS OUTSWING PATIO DOOR COMPONENTS

DATE: 11/25/10  
DRAWN BY: JRM  
SCALE: N.T.S.  
DRAWING NO.: NAN0023  
SHEET: 7 OF 8

PREPARED BY: PTC, LLC  
Phone 321.690.1788  
Fax 321.690.1789

ROBERT J. AMORUSO  
Florida P.E. No. 49752

ROBERT JAMES AMORUSO  
LICENSE  
No 49752  
10/15/11  
STATE OF FLORIDA  
PROFESSIONAL ENGINEER  
PTC, LLC  
P.O. BOX 520775  
LONGWOOD, FL 32775  
FBPE Certificate of Authorization No. 25935

Approved as complying with the Florida Building Code  
Date: 11/24/2011  
NOA# 11-0307-02  
Miami Code Product Control

By: *[Signature]*

### BILL OF MATERIALS

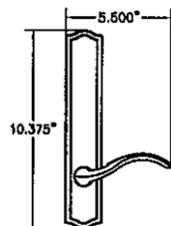
ITEM #	DESCRIPTION	MATERIAL	MANUF.
1	1-7/32" STILE	FOAM PVC FTU = 6,019 PSI	NAN YA
2	5/8" STILE	FOAM PVC FTU = 6,019 PSI	NAN YA
3	5/8" STILE FOR MULTI-POINT SIDE	FOAM PVC FTU = 6,019 PSI	NAN YA
4	TOP AND BOTTOM RAIL	FOAM PVC FTU = 6,019 PSI	NAN YA
5	2 1/8" REINFORCED WOOD -B	WHITE PINE MIN. G=0.42	NANYA
6	DOORLITE FRAME	FOAM PVC FTU = 6,019 PSI	NANYA
7	GLAZING BEAD	RIGID PVC FTU = 6,140PSI	NAN YA
8	HEAD, FRAME AND JAMB	FOAM PVC CO-EX FTU = 6,019 PSI	NANYA
9	OUTSWING SILL A	FOAM PVC CO-EX FTU = 6,019 PSI	NANYA
10	OUTSWING SILL B	ALUMINUM 6063 T-5	SEE NOTE BELOW
11	T-ASTRAGAL A	RIGID PVC CO-EX FTU = 6,019 PSI	-----
12	REINFORCEMENT A	ALUMINUM	SEE NOTE BELOW
13	WEATHER STRIP A	SILICONE	-----
14	DOOR BOTTOM A	PVC CO-EX FTU = 6,019 PSI	NANYA
15	DOOR BOTTOM B	PVC CO-EX FTU = 6,019 PSI	NANYA
16	Q-LON WEATHER STRIP B	URETHANE FOAM	-----
17	DOOR HINGE	STEEL	-----
18	NAILING FIN	PVC CO-EX FTU = 6,019 PSI	NAN YA
19	CORNER PAD	SBR	-----
20	DOOR GAP PLANK	FOAM PVC FTU = 6,019 PSI	-----
21	CORNER KEY	DIE CAST	-----
22	MULLION COVER	PVC CO-EX FTU = 6,019 PSI	NANYA
23	BOTTOM SEAL STRIP	ALUMINUM 6063 T-5	SEE NOTE BELOW
24	1.5" REIN. WOOD	WHITE PINE MIN. G=0.42	NANYA
25	1-3/16" REINFORCED WOOD-C	WHITE PINE MIN. G=0.42	NANYA
26	2-23/32" REINFORCED WOOD-A	WHITE PINE MIN. G=0.42	NANYA
27	BOTTOM CAP LR	RIGID PVC FTU = 6,140PSI	NANYA
28	WEATHER STRIP C	PP & TPA	-----
29	T-ASTRAGAL - A TOP CAP	RIGID PVC FTU = 6,140PSI	NANYA
30	T-ASTRAGAL A BOTTOM CAP	RIGID PVC FTU = 6,140PSI	NANYA
31	DRIVE BAR PLATE	STAINLESS STEEL	-----
32	BOTTOM BAR KEEPER	SAINLESS STEEL	-----

ALUMINUM COMPONENTS NOTE:  
ALUMINUM COMPONENTS NUMBERS 10, 12, 23 AND 44 ARE  
EXTRUDED BY SHANG YIH DAR ALUMINUM COMPANY LTD.

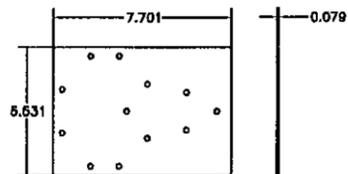
**HANDLE SETS**  
38 DIE CAST



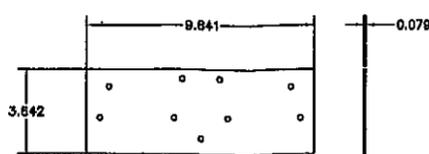
**HANDLE SETS**  
39 DIE CAST



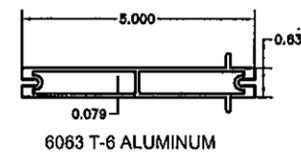
**FASTENER PLATE**  
42 410-STAINLESS STEEL  
Fy MIN. = 87ksi



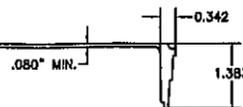
**CONNECTION PLATE**  
43 410-STAINLESS STEEL  
Fy MIN. = 87ksi



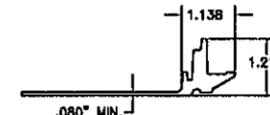
**REINFORCING MULLION**  
44 6063 T-6 ALUMINUM  
Ix = 3.083 IN<sup>4</sup>  
Sx = 1.18 IN<sup>4</sup>



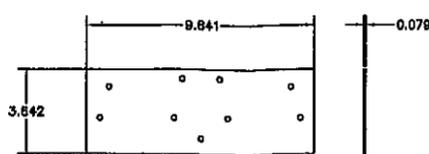
**SMC FIBERGLASS INTERIOR SKIN**  
40A SHEET MOLDING COMPOUND



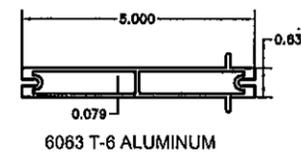
**SMC FIBERGLASS EXTERIOR SKIN**  
40 SHEET MOLDING COMPOUND



**CONNECTION PLATE**  
43 410-STAINLESS STEEL  
Fy MIN. = 87ksi



**REINFORCING MULLION**  
44 6063 T-6 ALUMINUM  
Ix = 3.083 IN<sup>4</sup>  
Sx = 1.18 IN<sup>4</sup>



6063 T-6 ALUMINUM



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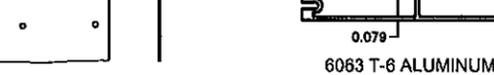
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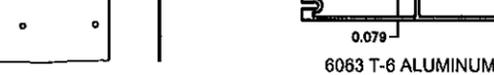
6063 T-6 ALUMINUM



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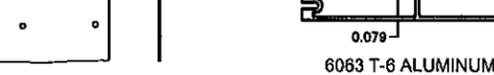
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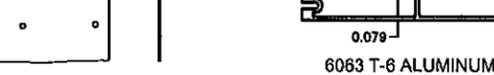
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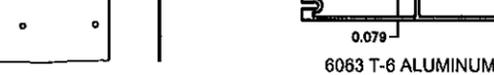
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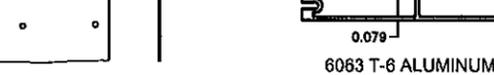
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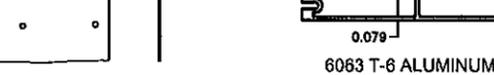
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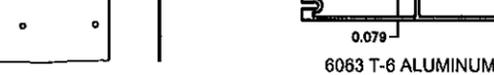
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