



BUILDING AND NEIGHBORHOOD COMPLIANCE DEPARTMENT (BNC)  
BOARD AND CODE ADMINISTRATION DIVISION

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/building/home/asp](http://www.miamidade.gov/building/home/asp)

## NOTICE OF ACCEPTANCE (NOA)

**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 BNC -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. BNC 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 8' Outswing Fiberglass Doors – L.M.I.

**APPROVAL DOCUMENT:** Drawing No. NAYT0003 Rev D, titled "8' Fiberglass Outswing Patio Door (OXX, XX)", sheets 1 through 9 of 9, dated 04/03/06 and last revised on 07/07/11, prepared by PTC, LLC, signed and sealed by Robert James Amoruso, 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 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 **revises & renews** NOA # 06-0411.04 and consists of this page 1 and evidence pages E-1 & E2, as well as approval document mentioned above.

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

MIAMI-DADE COUNTY  
APPROVED

9/22/11

NOA No 11-0415.05  
Expiration Date: August 11, 2016  
Approval Date: September 29, 2011  
Page 1

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

**A. DRAWINGS** (transferred from file # **06-0411.04**)

1. Manufacturer's parts drawings and sections.
2. Drawing No. **NAYT0003 Rev D**, titled "8' Fiberglass Outswing Patio Door (OXX, XX)", sheets 1 through 9 of 9, dated 04/03/06 and last revised on 07/07/11, prepared by PTC, LLC, signed and sealed by Robert James Amoruso, P.E.

**B. TESTS** (transferred from file # **06-0411.04**)

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

along with marked-up drawings and installation diagram of an outswing fiberglass double door, prepared by Certified Testing Laboratories, Inc., Test Report No. **CTLA-1420W**, dated 02/24/06, and addendum letter dated 07/18/06, and amended pages 1, 5, 6 and 7 of 12 dated 07/25/06, all signed and sealed by Ramesh C. Patel, P.E.

2. Reference test report # **CTLA-2019W**, dated 05/10/10 issued by Certified Testing Laboratories, Inc. for Forced Entry (FER) Test per TAS 202-94, signed and sealed by Ramesh C. Patel, P.E.

**C. CALCULATIONS**

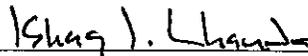
1. Anchor verification calculations, complying with FBC-2007, prepared by PTC, LLC, dated 02/28/11 and last revised on 07/07/11, signed and sealed by Robert James Amoruso, P.E.
2. Glazing complies w/ ASTM E-1300-02 & -04

**D. QUALITY ASSURANCE**

1. Miami Dade Building and Neighborhood Compliance Department (BNC).

**E. MATERIAL CERTIFICATIONS**

1. Notice of Acceptance No. 06-0216.06 issued to Solutia Inc. for "Interlayer for laminated glass", expiring on 03/04/14.
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 11-0415.05

Expiration Date: August 11, 2016

Approval Date: September 29, 2011

**NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED**

**F. MATERIAL CERTIFICATIONS (continue)**

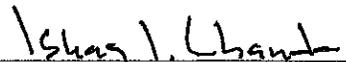
4. Test reports No(s).**ETC-06-255-17412.0**, prepared by ETC Laboratories, dated 04/25/06, issued to Nan Ya Plastics Corp., for their **Phenolic Foam Board / ETC06013** plastic per ASTM E84-05 "*Standard Test Method for Surface Burning Characteristics of Building Materials*", Test report No.**ETC-05-255-17900.0**, 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 September 21, 2011, for standard equivalency of ASTM E84-05 and ASTM D635-98 conforming to FBC 2007 for above referenced test reports, issued by PTC, LLC, signed & sealed by Robert J. Amoruso, P.E.

**G. STATEMENTS**

1. Statement letter of conformance and letter of no financial interest, prepared by PTC, LLC, dated 04/11/11, signed and sealed by Robert J. Amoruso, P.E.
2. Statement of lab compliance, as a part of above test report.

**H. OTHER**

1. This NOA **revises & renews** NOA # **06-0411.04**, expired on August 11, 2011.
2. Test proposal dated 05/09/05 approved by BCCO.



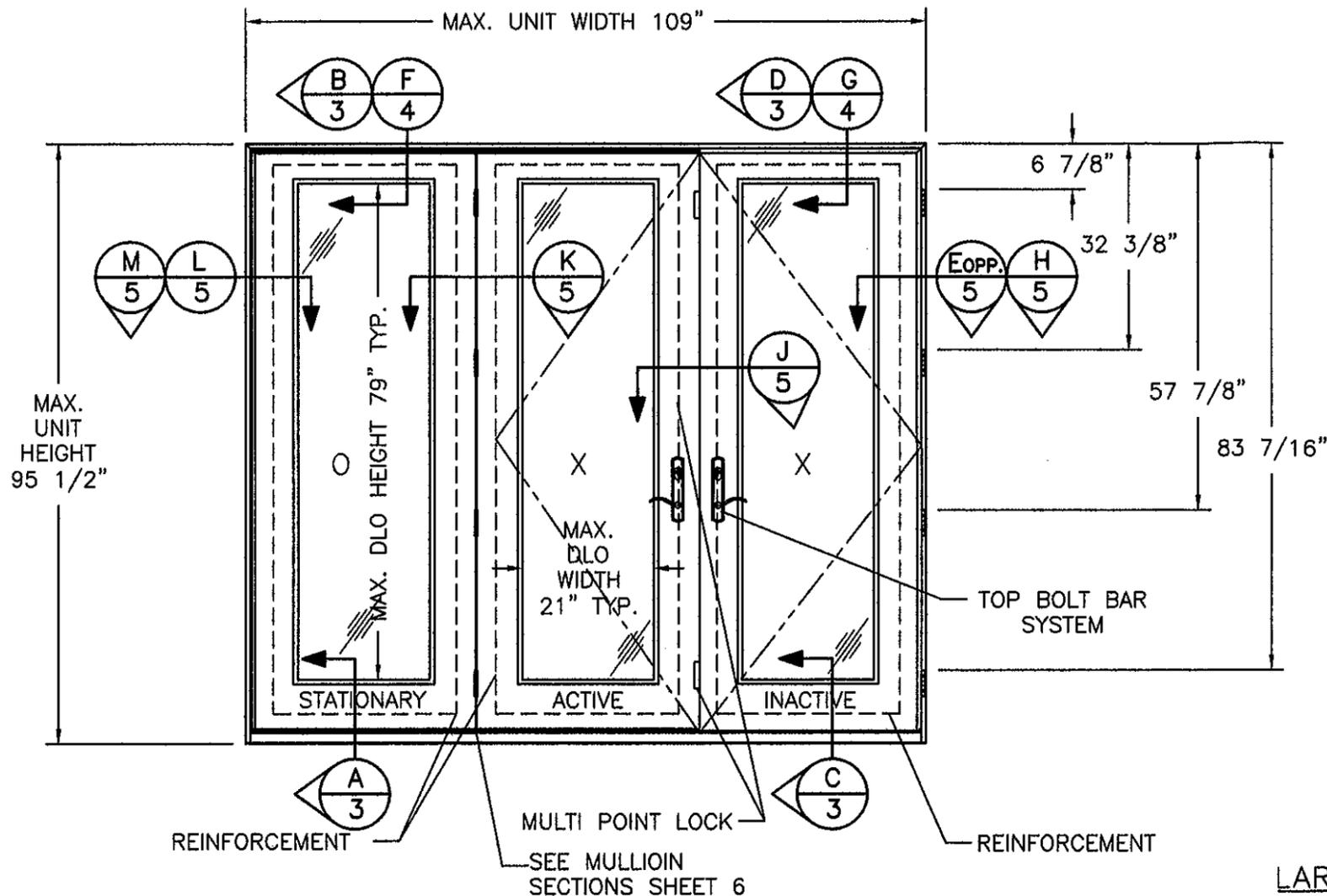
Ishaq I. Chanda, P.E.

Product Control Examiner

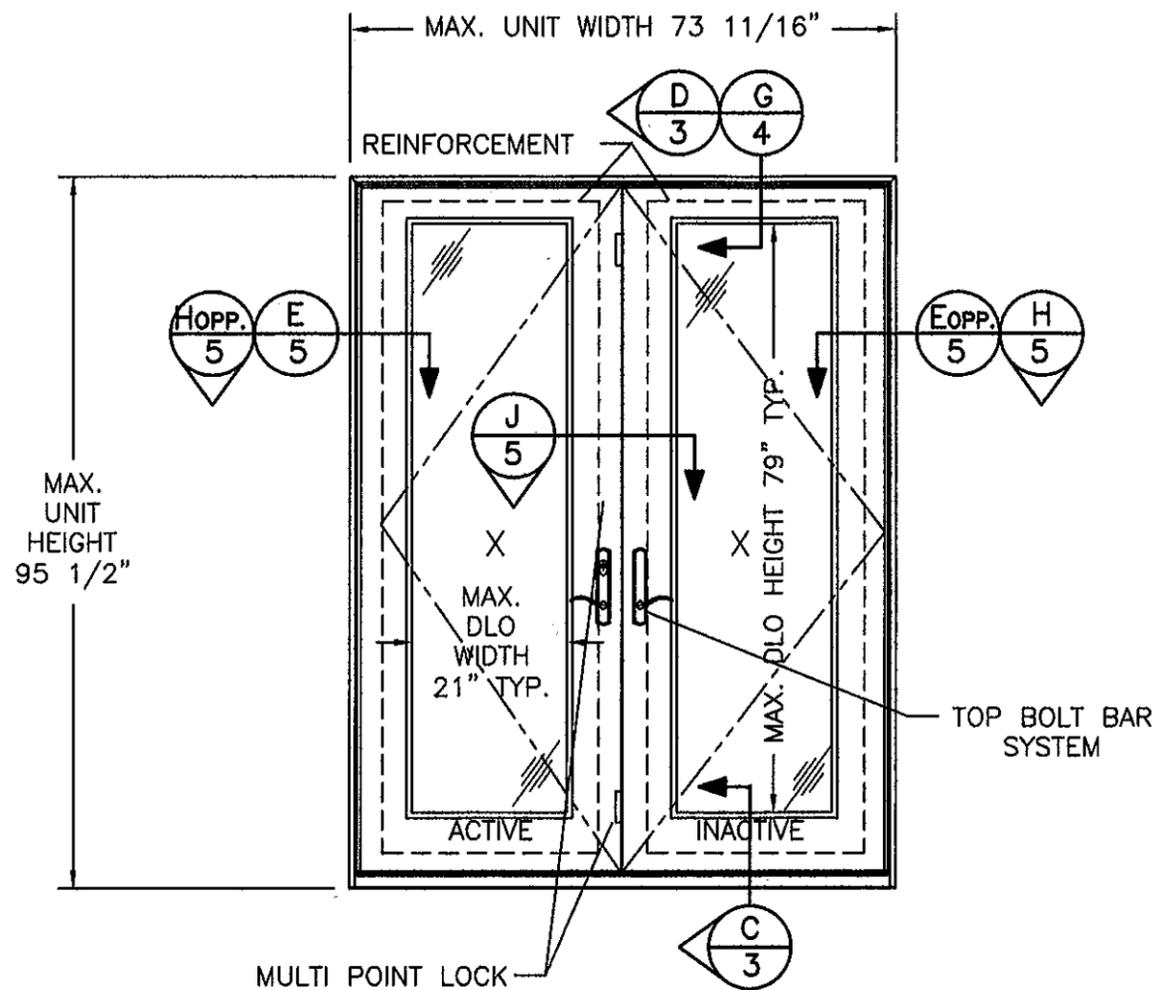
NOA No 11-0415.05

Expiration Date: August 11, 2016

Approval Date: September 29, 2011



EXTERIOR VIEW  
FIBERGLASS OUTSWING PATIO DOOR  
OXX CONFIGURATION



EXTERIOR VIEW  
FIBERGLASS OUTSWING PATIO DOOR  
XX CONFIGURATION

LARGE MISSILE IMPACT

DESIGN PRESSURE CAPACITY  
+50.0 PSF / -50.0 PSF  
MAXIMUM

NOTE:

1. THE PRODUCT SHOWN HEREIN IS DESIGNATED AND MANUFACTURED TO COMPLY WITH THE 2007 FLORIDA BUILDING CODE (FBC) INCLUDING THE HIGH VELOCITY HURRICANE ZONE (HVHZ).
2. 1X BUCK, 2X BUCK AND MASONRY OPENING TO BE DESIGNED AND ANCHORED TO PROPERLY TRANSFER ALL LOADS TO STRUCTURE. 2X BUCK AND MASONRY OPENING IS THE RESPONSIBILITY OF THE ARCHITECT OR ENGINEER OF RECORD.
3. APPROVED IMPACT PROTECTIVE SYSTEM IS NOT REQUIRED ON THIS PRODUCT.
4. SHIM AS REQUIRED AT EACH INSTALLATION ANCHOR WITH LOAD BEARING SHIM. SHIM WHERE SPACE OF 1/16" OR GREATER OCCURS, MAXIMUM TOTAL ALLOWABLE SHIM STACK 1/4".
5. USE SILICONE SEALANT FOR PERIMETER SEAL AROUND EXTERIOR OF DOORS.
6. DOOR FRAME AND DOOR PANEL MATERIAL: CELLULAR PVC, RIGID PVC AND FIBERGLASS SMC SKIN.
7. SEAL HEAD, SILL AND JAMB CORNERS WITH SMALL JOINT SEAM SEALER.
8. IN ACCORDANCE WITH THE 2007 FBC, SECTION 2411.3.3.3 WOOD SHALL HAVE BEEN PRESERVATIVE TREATED OR SHALL BE OF A DURABLE SPECIES AS DEFINED IN SECTION 2326.2.

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5	HORIZONTAL CROSS SECTIONS
6	ADDITIONAL DETAILS
7	COMPONENTS
8	BILL OF MATERIALS & GLAZING DETAILS
9	LOCKING COMPONENTS

PRODUCT REVISED  
in compliance with the Florida  
Building Code  
Amendment No. 11-0415.05  
Effective Date AUG 11, 2016  
*Robert J. Amoruso*  
Product Control

SYM	REVISION	DATE	BY
D	PER DADE LETTER DATED MAY 17, 2011	07/07/11	TJH
C	UPDATED TO 2007 FBC	2/28/11	JM
B	Updated per Dade County email dated 07/21/06	07/25/06	DRL
A	REVISED PER MIAMI-DADE COMMENTS	7/8/08	R.L.

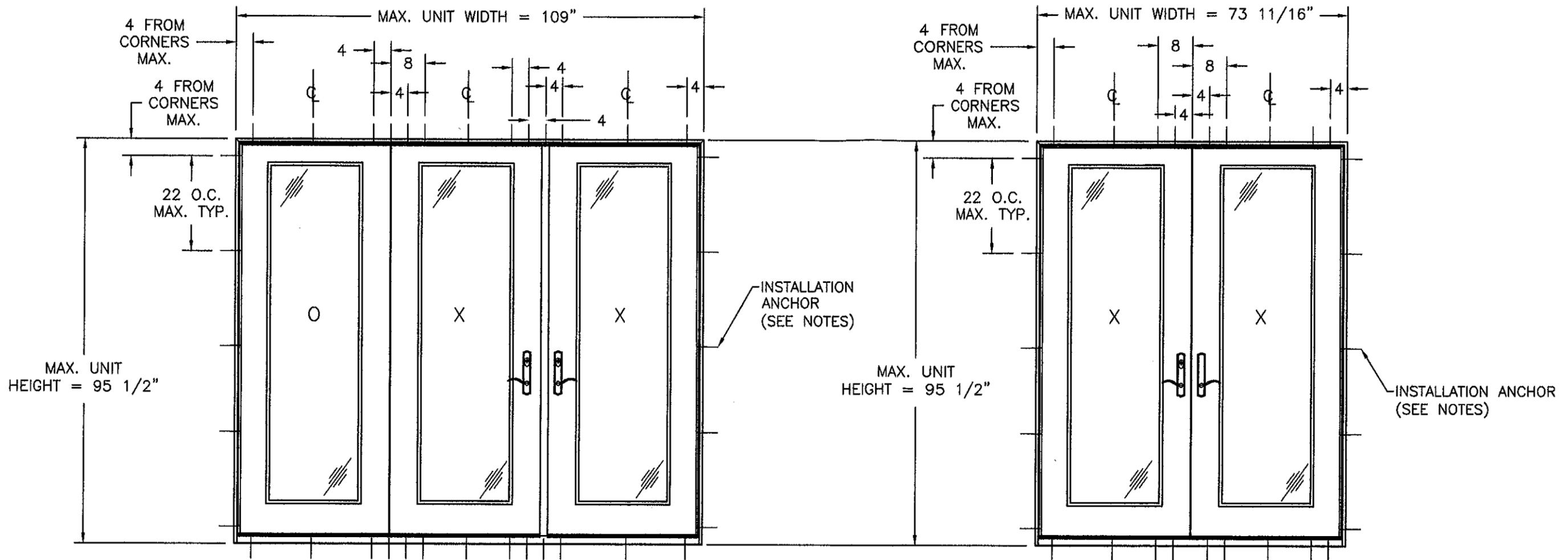
PTC PRODUCT DESIGN GROUP, LLC  
PO BOX 520775  
LONGWOOD, FL 32752  
FBC CERTIFICATE OF AUTHORIZATION NO. 25935

Robert J. Amoruso P.E.  
FL No. 49752

NAN YA PLASTICS CORPORATION  
8909 NORTH LOOP EAST, HOUSTON TX. 77029

TITLE: 8' FIBERGLASS OUTSWING PATIO DOOR (OXX, XX)  
ELEVATION AND GENERAL NOTES

PREPARED BY: <b>PTC</b> PTC PRODUCT DESIGN GROUP, LLC Phone 321-690-1788 Fax 321-690-1789	DRN: DRL SCALE: N.T.S. REV: D	DATE: 04/03/06 DWG. NO: NAYT0003 SHEET: 1 OF 9
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FIBERGLASS OUTSWING PATIO DOOR  
OXX CONFIGURATION

FIBERGLASS OUTSWING PATIO DOOR  
XX CONFIGURATION

ANCHORING NOTES:

- 3/16" DIAMETER I.T.W. (ADVANCED THREADFORM TECHNOLOGY) TAPCON MUST BE OF SUFFICIENT LENGTH TO ACHIEVE 1" MINIMUM EMBEDMENT INTO MASONRY AND 1 1/2" EMBEDMENT INTO CONCRETE. MINIMUM EDGE DISTANCE IS 2" IN MASONRY AND 1 1/8" IN CONCRETE. #12 WOOD SCREW MUST BE OF SUFFICIENT LENGTH TO ACHIEVE 1 1/2" MINIMUM EMBEDMENT INTO WOOD FRAMING W/ 7/8" MINIMUM EDGE DISTANCE.
- ALL INSTALLATION ANCHORS MUST BE MADE OF CORROSIVE RESISTANT MATERIAL.
- INSTALLATION ANCHOR CAPACITIES FOR PRODUCTS HEREIN ARE BASED ON SUBSTRATE MATERIALS WITH THE FOLLOWING PROPERTIES:
  - WOOD - P.T. SOUTHERN YELLOW PINE. MINIMUM SPECIFIC GRAVITY OF 0.55.
  - CONCRETE - MINIMUM COMPRESSIVE STRENGTH OF 2500 psi.
  - MASONRY (CMU or HOLLOW BLOCK) - STRENGTH CONFORMANCE TO ASTM C-90, MEDIUM WEIGHT/117 PCF DENSITY (OR GREATER)

PRODUCT REVISED  
 as complying with the Florida  
 Building Code  
 Approval No. 11-0415-05  
 Expiration Date Aug 11, 2016  
 By *Isham L. Chanda*  
 Internal Trade Product Control

SYM	REVISION	DATE	BY
D	PER DADE LETTER DATED MAY 17, 2011	07/07/11	TJH
C	UPDATED TO 2007 FBC	2/28/11	JM
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A	REVISED PER MIAMI-DADE COMMENTS	7/6/06	R.L.

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 LONGWOOD, FL 32752  
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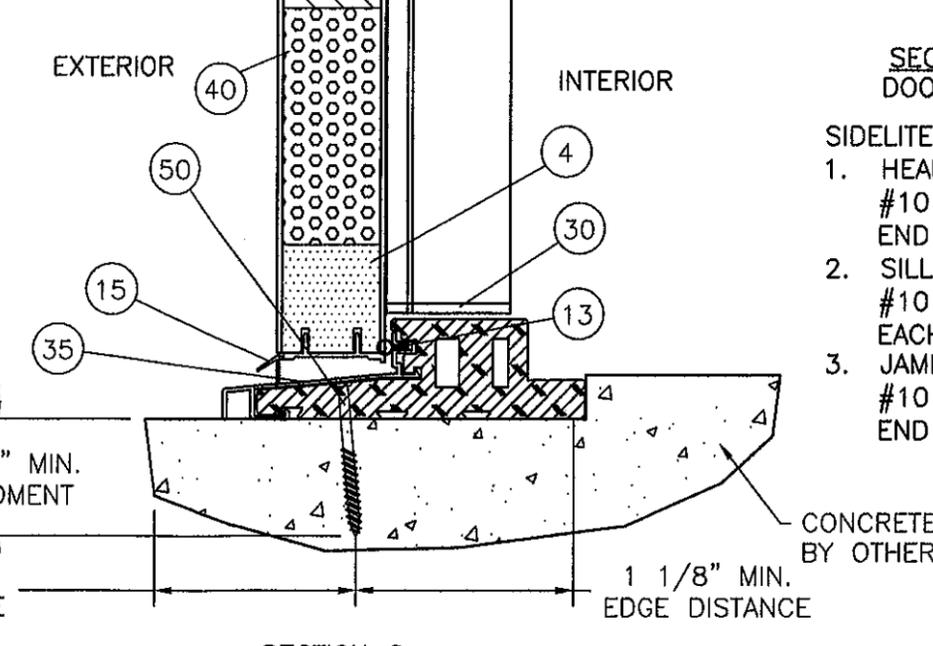
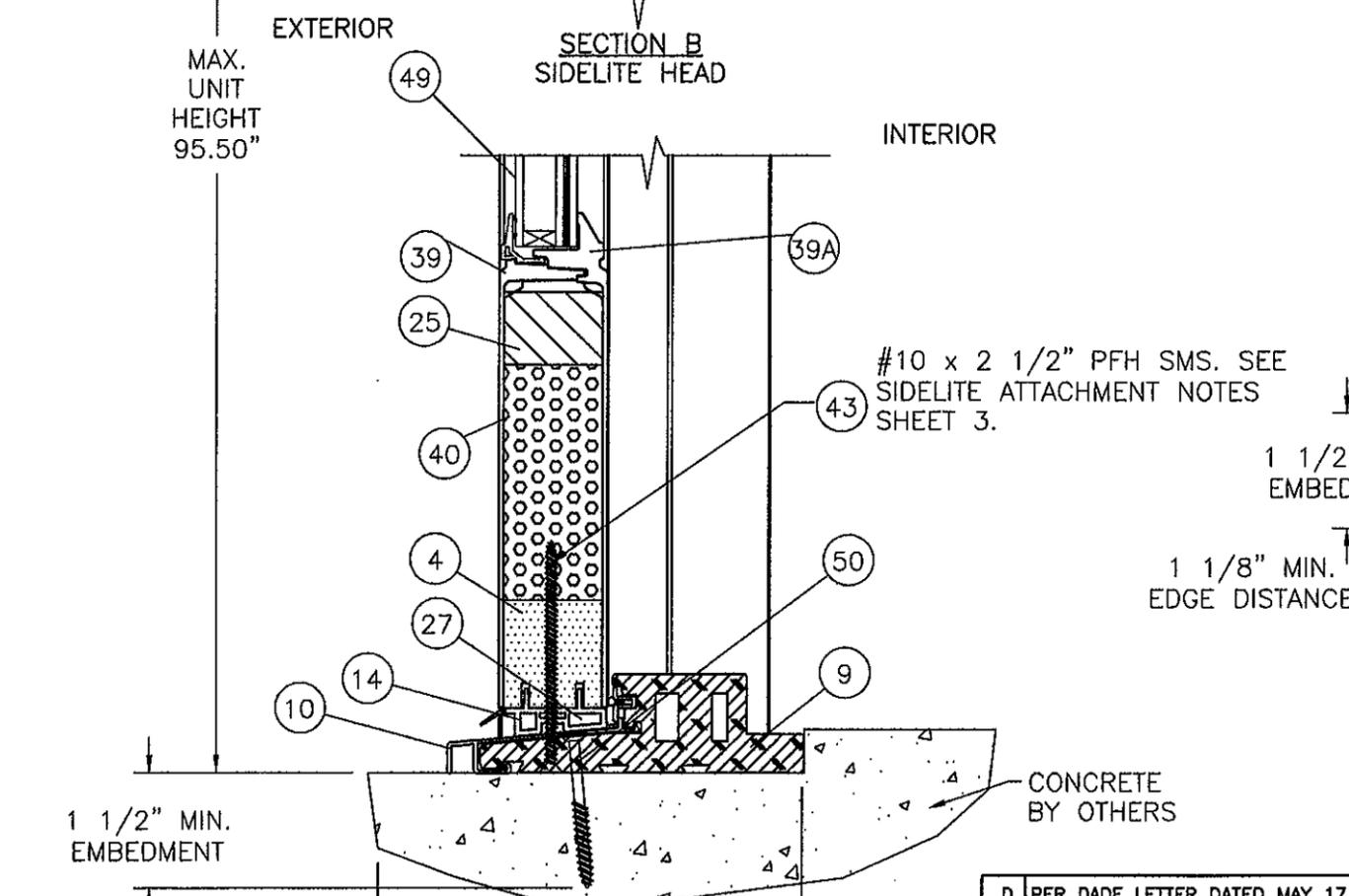
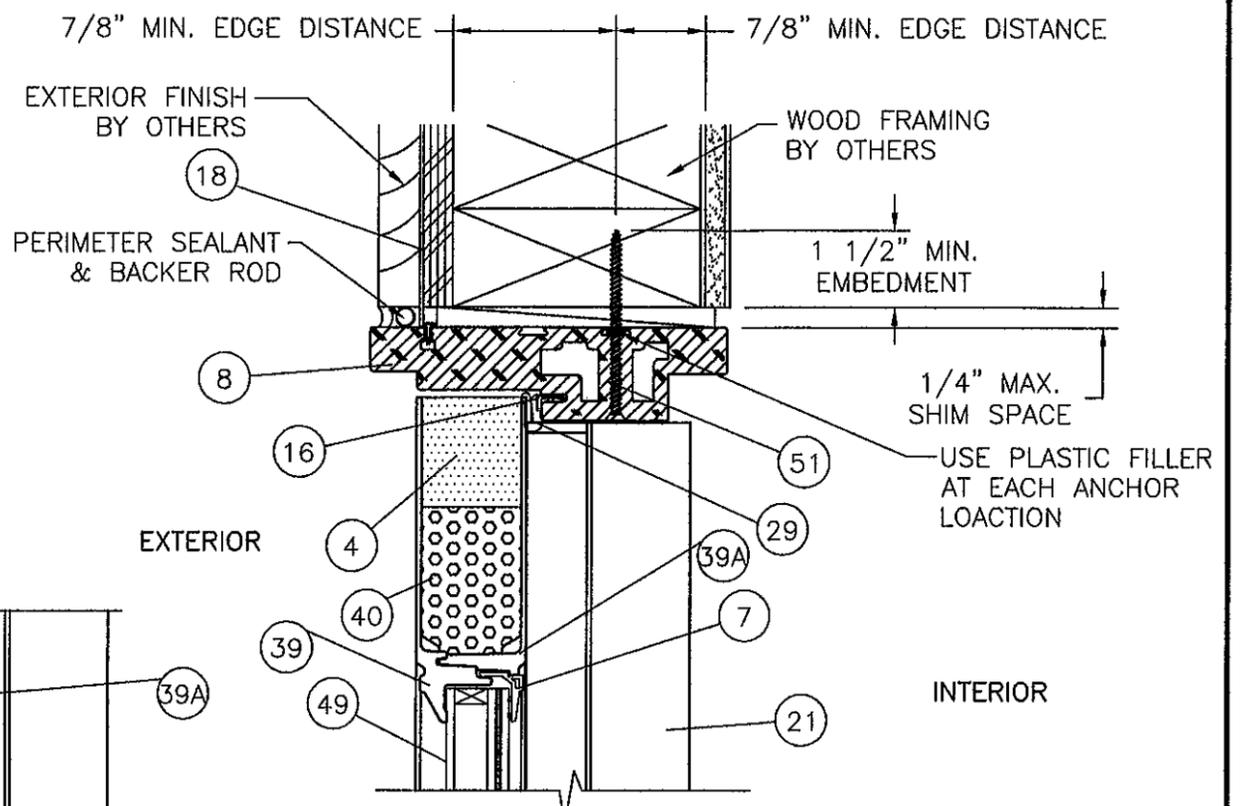
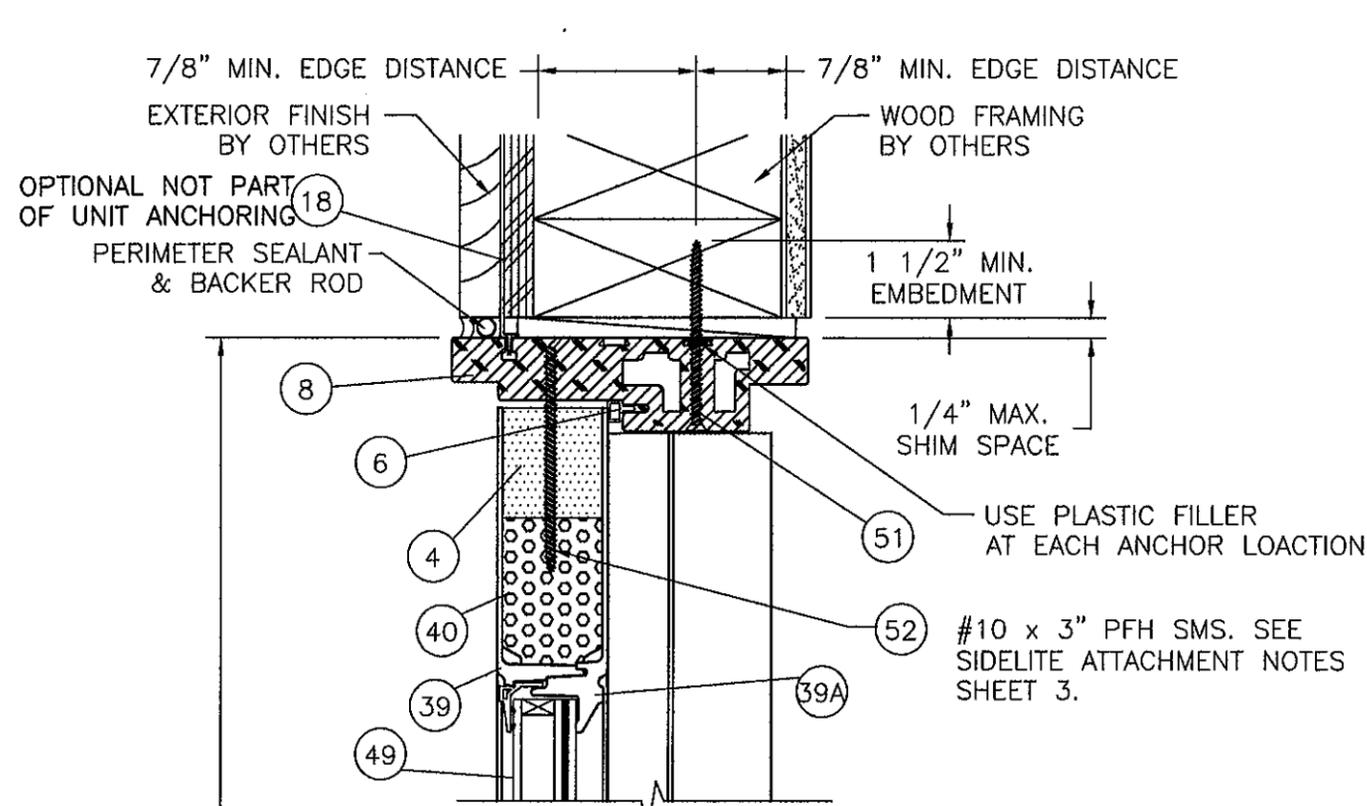
Robert J. Amoruso P.E.  
 FL No. 49752  
*UJ 7/7/11*

NAN YA PLASTICS CORPORATION  
 8909 NORTH LOOP EAST, HOUSTON TX. 77029

TITLE: 8' FIBERGLASS OUTSWING PATIO DOOR (OXX, XX) ANCHORING AND ANCHORING NOTES

PREPARED BY: **PTC** PTC PRODUCT DESIGN GROUP, LLC  
 Phone 321-690-1788 Fax 321-690-1789

DRN: DRL	DATE: 04/03/06
SCALE: N.T.S.	DWG. NO: NAYT0003
REV: D	SHEET: 2 OF 9



- SIDELITE ATTACHMENT NOTES:**
- HEAD FROM FRAME SIDE INTO SIDELITE PANEL: (3) #10 x 3" PFH SMS SPACED 4 1/2" FROM EACH END AND (1) AT PANEL MID-SPAN.
  - SILL FROM FRAME SIDE INTO SIDELITE PANEL: (3) #10 x 2 1/2" PFH SMS SPACED 4 1/2" FROM EACH END AND (1) AT PANEL MID-SPAN.
  - JAMBS FROM FRAME SIDE INTO SIDELITE PANEL: #10 x 3" PFH SMS SPACED 4 1/2" FROM EACH END AND 22" MAXIMUM O.C. THEREAFTER.

**PRODUCT REVISED**  
 on complying with the Florida  
 Building Code  
 Acceptance No. 11-0415-DS  
 Expiration Date April 2016  
 by [Signature]  
 Manual Code Product Control

SYM	REVISION	DATE	BY
D	PER DADE LETTER DATED MAY 17, 2011	07/07/11	TJH
C	UPDATED TO 2007 FBC	2/28/11	JM
B	Updated per Dade County email dated 07/21/06	07/25/06	DRL
A	REVISED PER MIAMI-DADE COMMENTS	7/8/08	R.L.

PTC PRODUCT DESIGN GROUP, LLC  
 PO BOX 520775  
 LONGWOOD, FL 32752  
 FBPE CERTIFICATE OF AUTHORIZATION NO. 25935

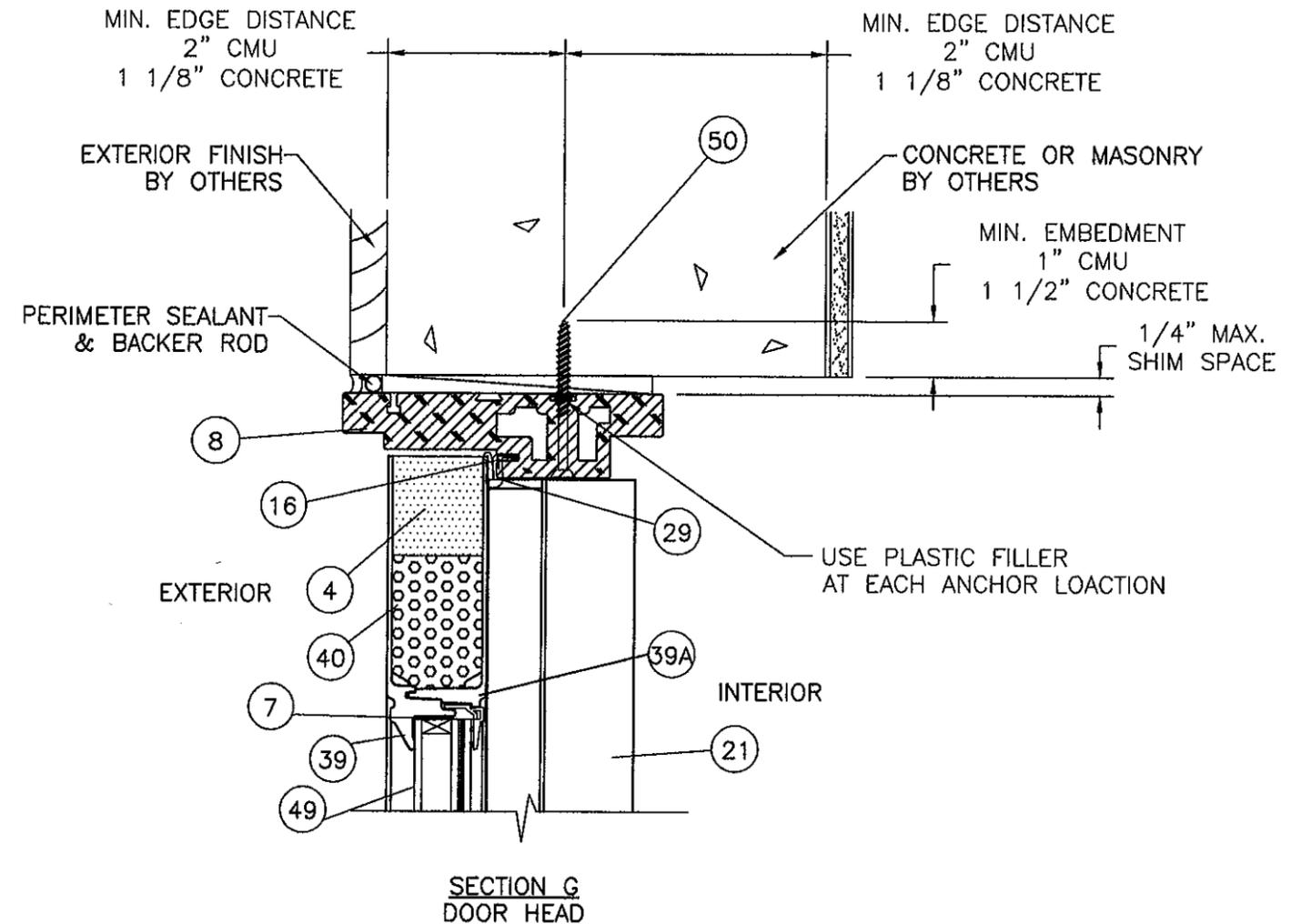
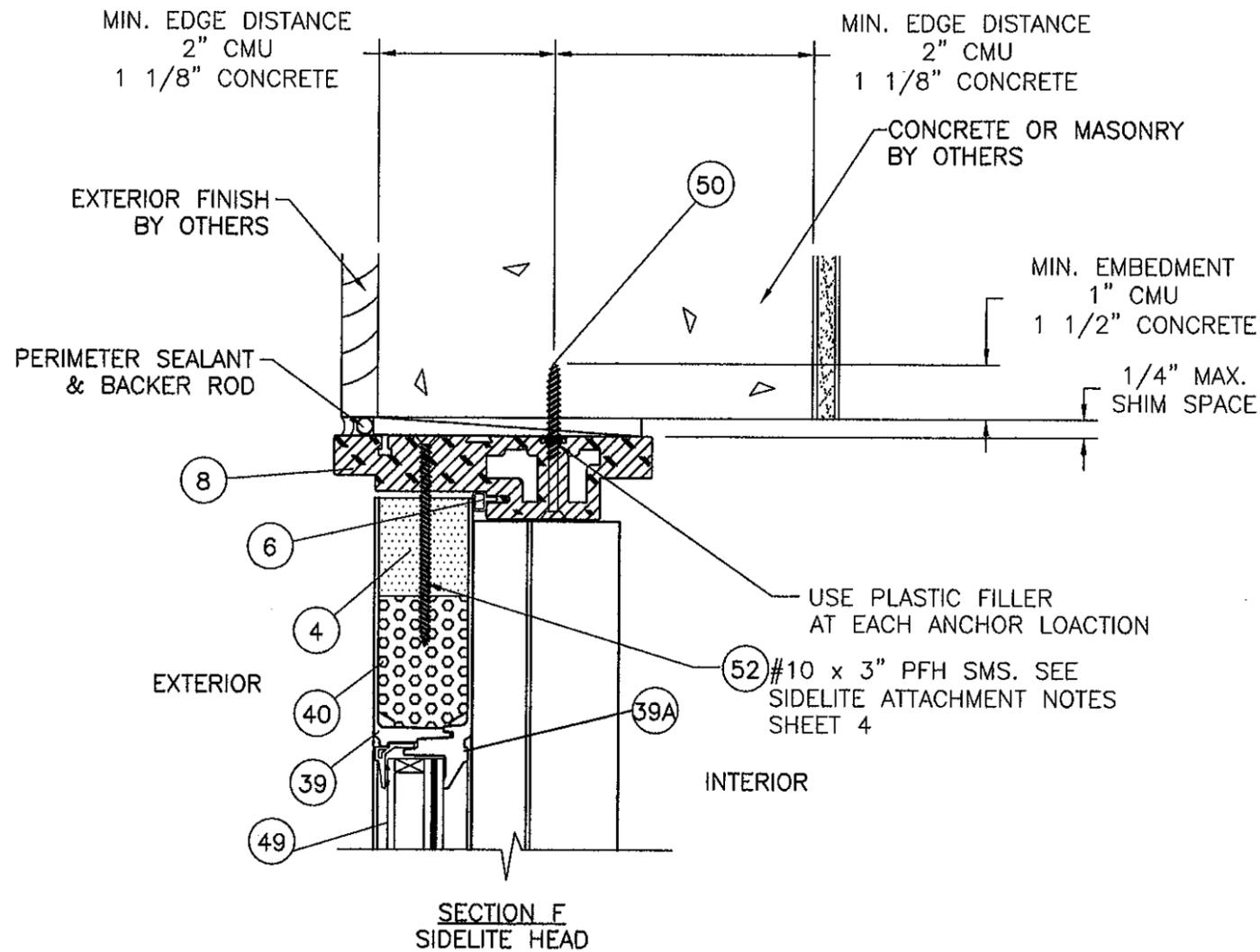
Robert J. Amoruso P.E.  
 FL No. 49752  
 [Signature] 7/7/11

**NAN YA PLASTICS CORPORATION**  
 8909 NORTH LOOP EAST, HOUSTON TX. 77029

TITLE: 8' FIBERGLASS OUTSWING PATIO DOOR (OXX, XX)  
 VERTICAL CROSS SECTIONS

PREPARED BY: **PTC**  
 PTC PRODUCT DESIGN GROUP, LLC  
 Phone 321-690-1788 Fax 321-690-1788

DRN: DRL	DATE: 04/03/06
SCALE: N.T.S.	DWG. NO: NAYT0003
REV: D	SHEET: 3 OF 9



**SIDELITE ATTACHMENT NOTES:**

1. HEAD FROM FRAME SIDE INTO SIDELITE PANEL: (3) #10 x 3" PFH SMS SPACED 4 1/2" FROM EACH END AND (1) AT PANEL MID-SPAN.
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**PRODUCT REVISED**  
 to comply with the Florida  
 Building Code  
 Assignment No. 1120415-05  
 Registration Date AUG 11, 2011  
*(Signature)*  
 Dade Product Control

SYM	REVISION	DATE	BY
D	PER DADE LETTER DATED MAY 17, 2011	07/07/11	TJH
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PTC PRODUCT DESIGN GROUP, LLC  
 PO BOX 520775  
 LONGWOOD, FL 32752  
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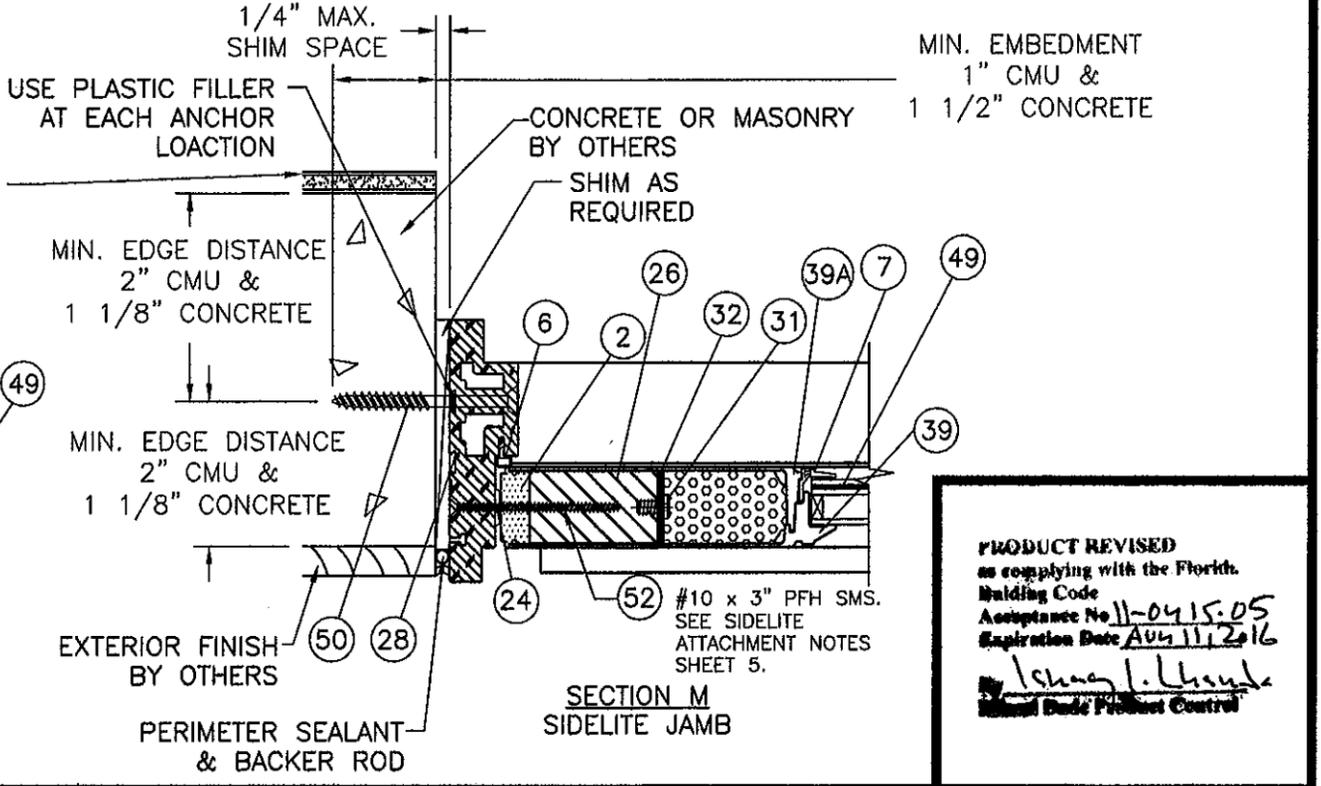
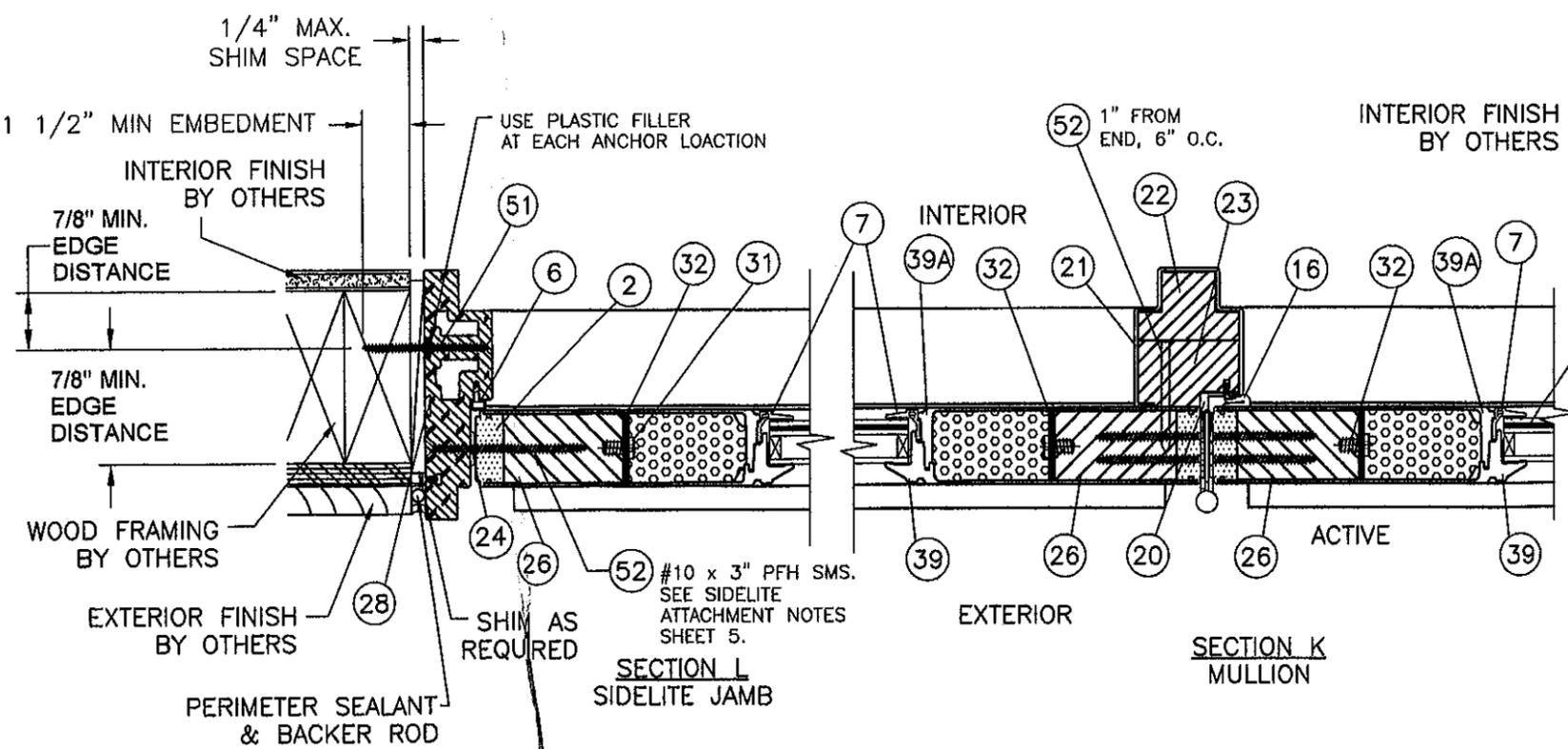
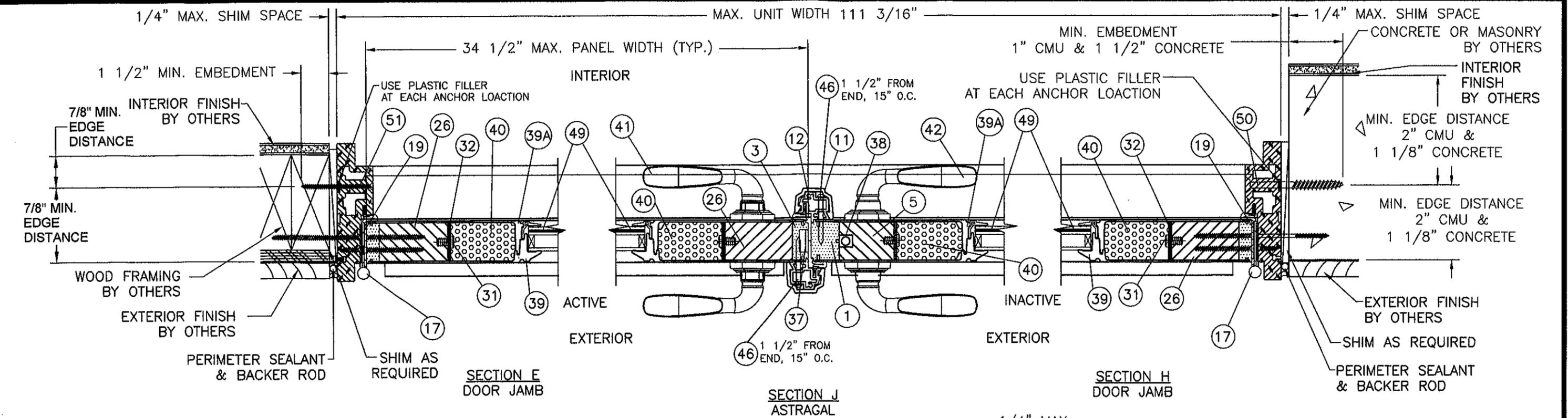
Robert J. Amoruso P.E.  
 FL No. 49752

*(Signature)*  
 7/2/11

NAN YA PLASTICS CORPORATION  
 8909 NORTH LOOP EAST, HOUSTON TX. 77029

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 8' FIBERGLASS OUTSWING PATIO DOOR (OXX, XX)  
 VERTICAL CROSS SECTION

PREPARED BY: <b>PTC</b> PTC PRODUCT DESIGN GROUP, LLC	DRN: DRL	DATE: 04/03/06
Phone 321-690-1788 Fax 321-690-1789	SCALE: N.T.S.	DWG. NO.: NAYT0003
	REV: D	SHEET: 4 OF 9



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 PO BOX 520775  
 LONGWOOD, FL 32752  
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Robert J. Amoruso P.E.  
 FL No. 49752

*[Handwritten Signature]*

**NAN YA PLASTICS CORPORATION**  
 8909 NORTH LOOP EAST, HOUSTON TX. 77029

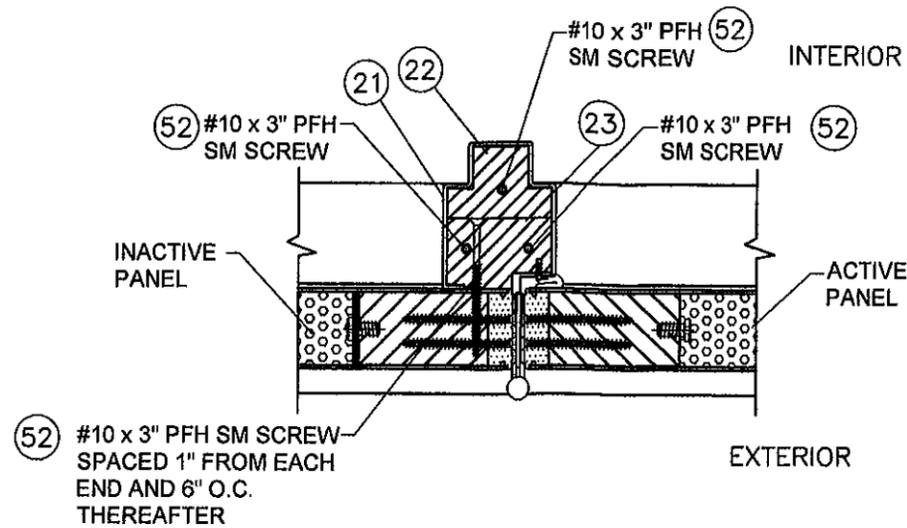
TITLE: 8' FIBERGLASS OUTSWING PATIO DOOR (OXX, XX)  
 HORIZONTAL CROSS SECTIONS

PREPARED BY: **PTC**  
 PTC PRODUCT DESIGN GROUP, LLC  
 Phone 321-690-1788 Fax 321-690-1789

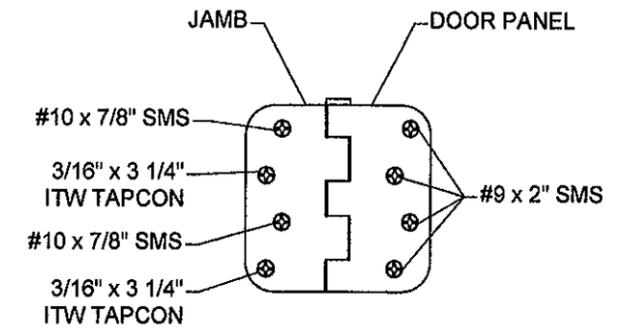
DRN: DRL DATE: 04/03/06  
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 REV: D SHEET: 5 OF 9

**PRODUCT REVISED**  
 as complying with the Florida Building Code  
 Acceptance No 11-0415-05  
 Expiration Date Aug 11, 2016

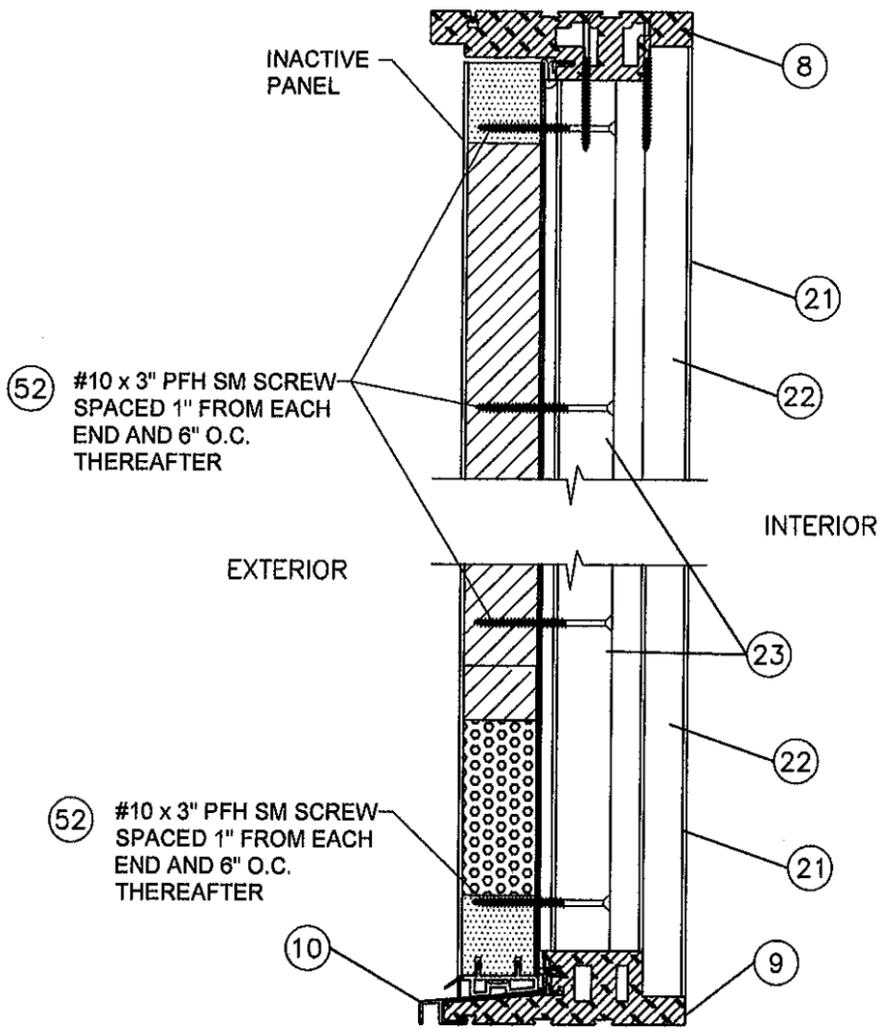
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 Miami Dade Product Control



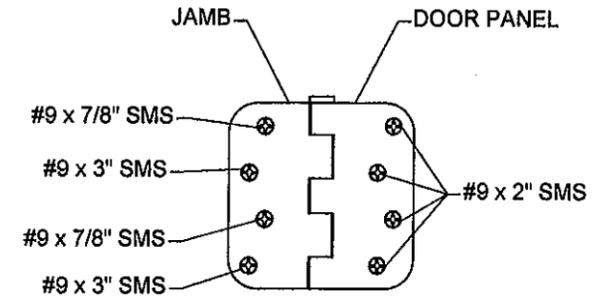
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SILL SHOWN, HEAD SIMILAR



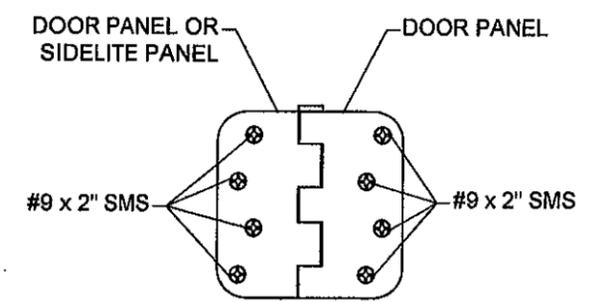
**HINGE TO JAMB**  
MASONRY/CONCRETE INSTALLATION



**VERTICAL SECTION AT MULLION**



**HINGE TO JAMB**  
WOOD FRAMING INSTALLATION



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

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Acceptance No. 11-0415.05  
Expiration Date AUG 11, 2016  
*John L. Chandra*  
Miami Dade Product Control

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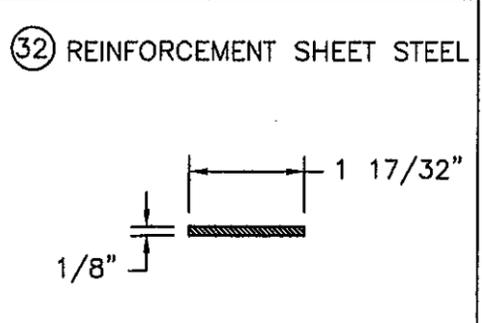
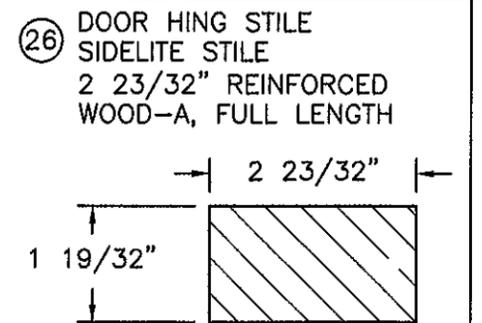
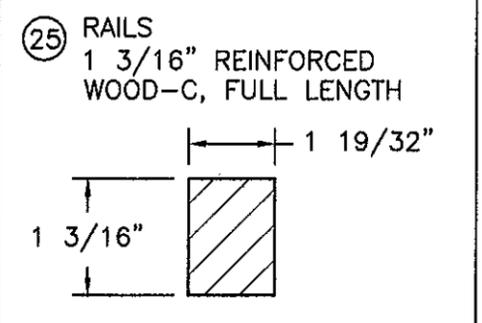
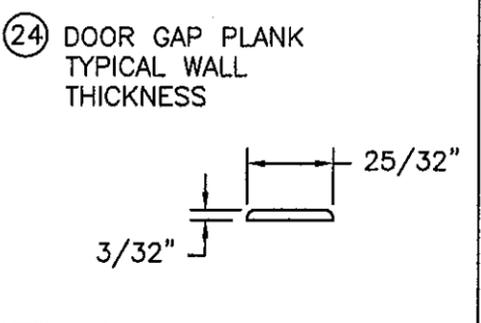
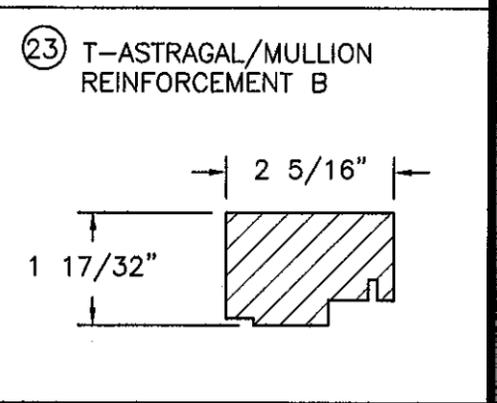
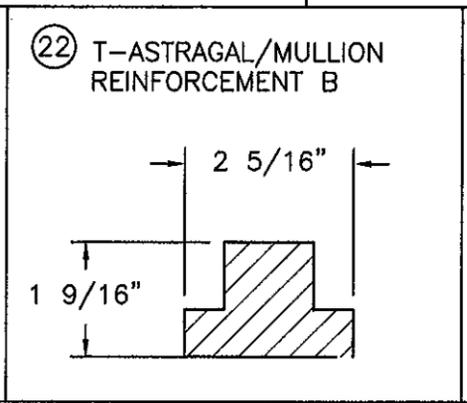
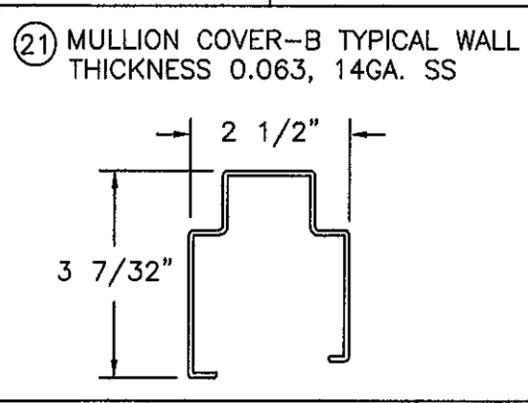
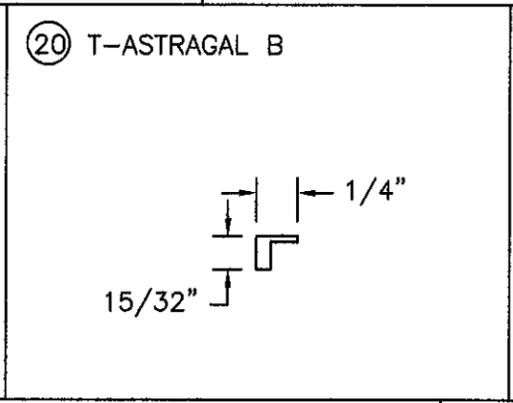
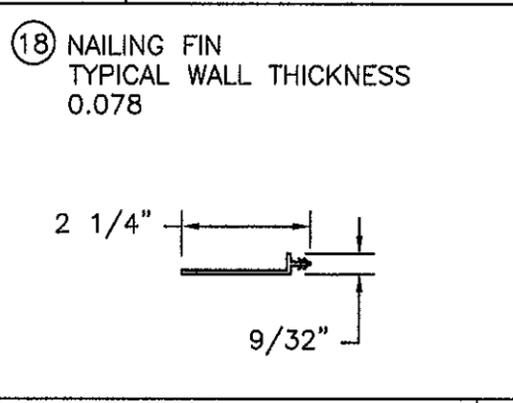
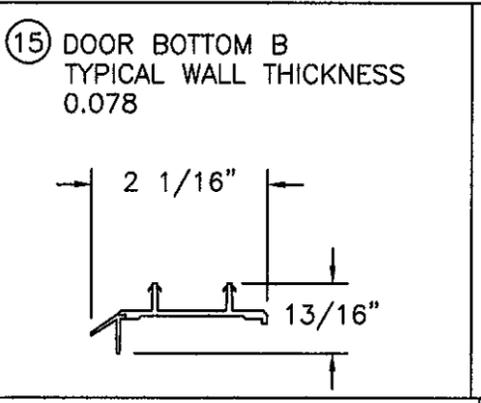
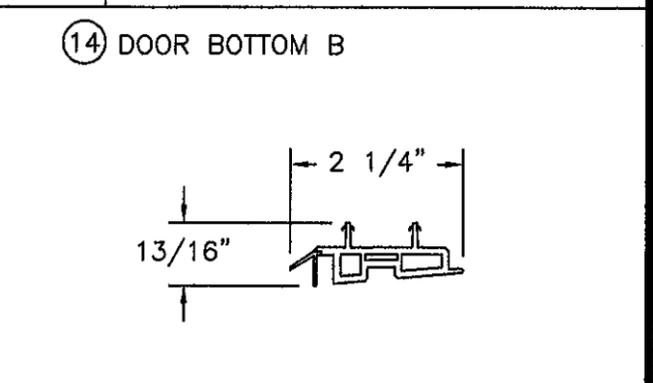
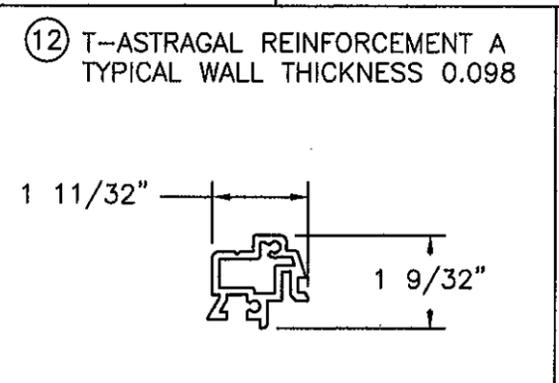
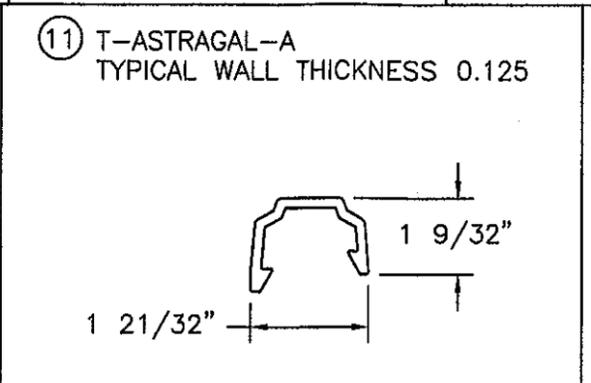
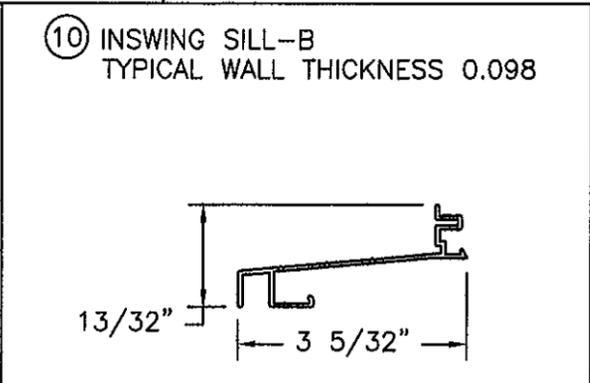
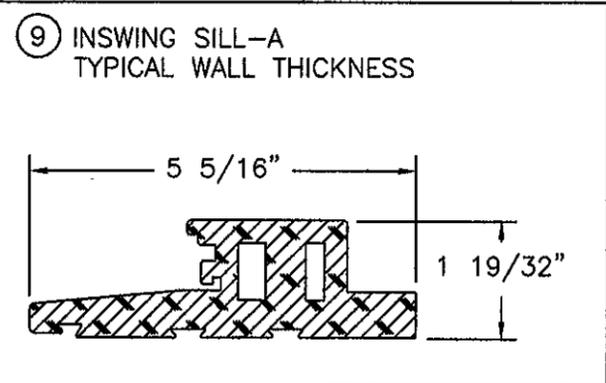
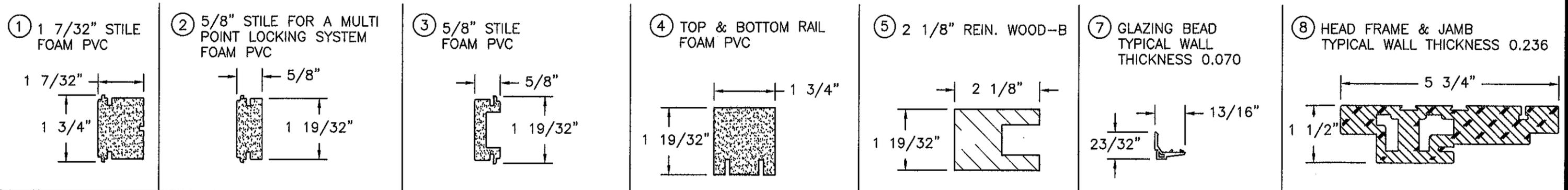
Robert J. Amoruso P.E.  
FL No. 49752  
*[Signature]*

NAN YA PLASTICS CORPORATION  
8909 NORTH LOOP EAST, HOUSTON TX. 77029

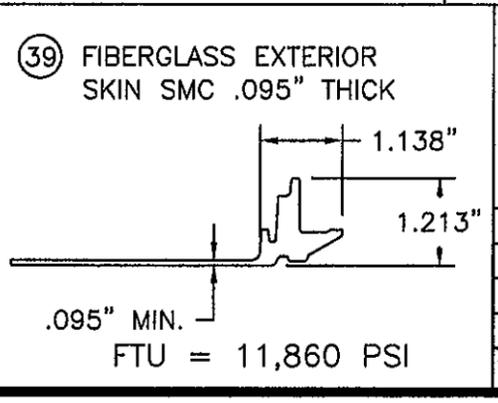
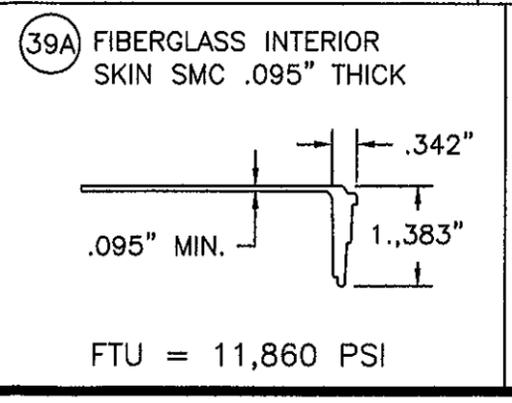
TITLE: 8' FIBERGLASS OUTSWING PATIO DOOR (OXX, XX) ADDITIONAL DETAILS

PREPARED BY: **PTC** PTC PRODUCT DESIGN GROUP, LLC  
DRN: DRL DATE: 04/03/06  
SCALE: N.T.S. DWG. NO: NAY0003  
REV: D SHEET: 6 OF 9

Phone 321-690-1788 Fax 321-690-1789



**PRODUCT REVISED**  
to comply with the Florida  
Building Code  
Acceptance No. 11-0415-05  
Expiration Date: April 2016  
By: Ismael L. Choude  
Without Date Product Control



SYM	REVISION	DATE	BY
D	PER DADE LETTER DATED MAY 17, 2011	07/07/11	TJH
C	UPDATED TO 2007 FBC	2/28/11	JM
B	Updated per Dade County email dated 07/21/08	07/25/08	DRL
A	REVISED PER MIAMI-DADE COMMENTS	7/8/08	R.L.

PTC PRODUCT DESIGN GROUP, LLC  
PO BOX 520775  
LONGWOOD, FL 32752  
FBPE CERTIFICATE OF AUTHORIZATION NO. 25935

Robert J. Amoruso P.E.  
FL No. 49752

NAN YA PLASTICS CORPORATION  
8909 NORTH LOOP EAST, HOUSTON TX. 77029

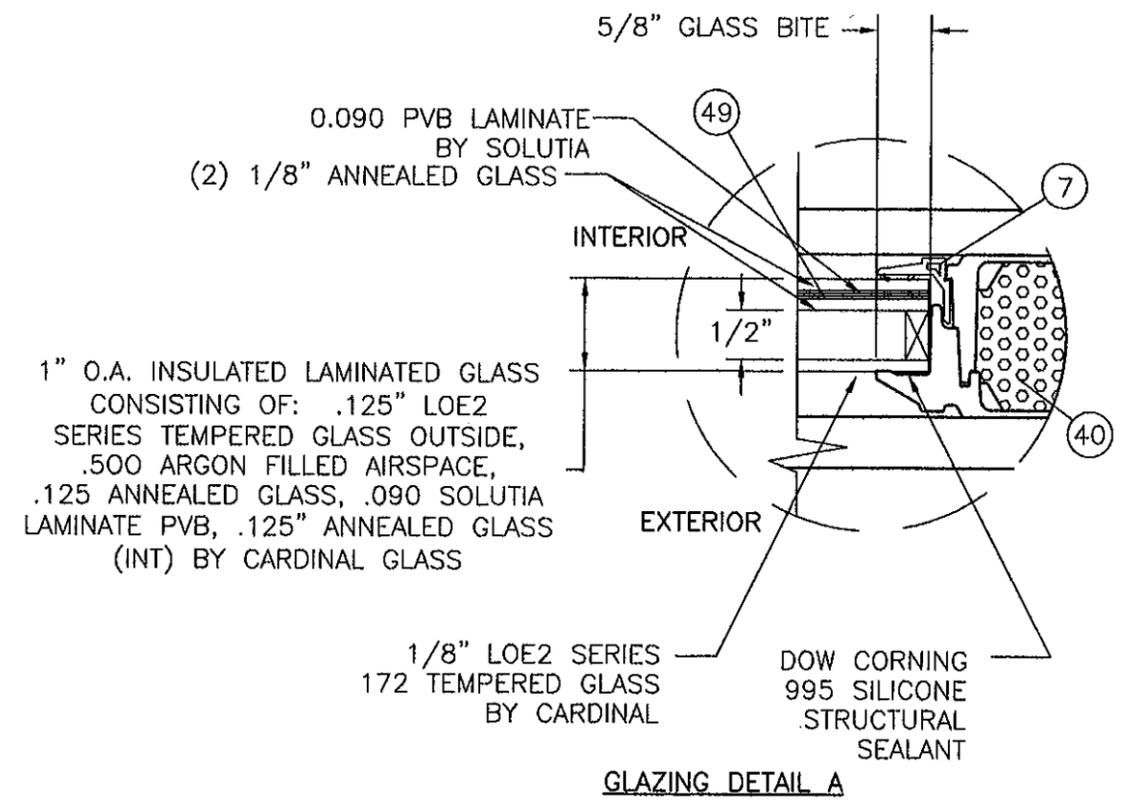
TITLE: 8' FIBERGLASS OUTSWING PATIO DOOR (OXX, XX) COMPONENTS

PREPARED BY: **PTC** PTC PRODUCT DESIGN GROUP, LLC  
Phone 321-690-1788 Fax 321-690-1789

DRN: DRL	DATE: 04/03/06
SCALE: N.T.S.	DWG. NO: NAYT0003
REV: D	SHEET: 7 OF 9

**BILL OF MATERIALS**

NO	QTY	DESCRIPTION	MATERIAL	MATERIAL
1	1	1 7/32" STILE	FOAM PVC FTU = 6,019 PSI	NAN YA PLASTICS CORP.
2(3)	2,3	5/8" STILE (ONE FOR MULTI-POINT LOCK)	FOAM PVC FTU = 6,019 PSI	NAN YA PLASTICS CORP.
4	4,6	TOP/ BOTTOM RAIL	FOAM PVC FTU = 6,019 PSI	NAN YA PLASTICS CORP.
5	1	2 1/8" REIN. WOOD-B	WHITE PINE MIN. SG = 0.42	DAN-CHANG ENTERPRISE CO., LTD.
6	2	DOORLITE FRAME	FOAM PVC FTU = 6,019 PSI	NAN YA PLASTICS CORP.
7	8,12	GLAZING BEAD	RIGID PVC FTU = 6,140PSI	NAN YA PLASTICS CORP.
8	3	HEAD FRAME & JAMB	FOAM PVC CO-EX FTU = 6,019 PSI	NAN YA PLASTICS CORP.
9	1	OUTSWING SILL-A	FOAM PVC CO-EX FTU = 6,019 PSI	NAN YA PLASTICS CORP.
10	1	OUTSWING SILL-B	ALUMINUM	SHANG YIH DAR ALUM. CO., LTD.
11	2	T-ASTRAGAL (A)	FOAM PVC FTU=6,019 PSI	NAN YA PLASTICS CORP.
12	2	T-ASTRAGAL REINFORCEMENT (A)	ALUMINUM	SHANG YIH DAR ALUM. CO., LTD.
13	1	WEATHERSTRIP (A)	URETHANE FOAM OR RIGID PVC	ULTRAFAB, INC.
14	1	DOOR BOTTOM (A)	TPE (Thermoplastic Elastomer)	NAN YA PLASTICS CORP.
15	2	DOOR BOTTOM (B)	FOAM PVC FTU=6,019PSI OR RIGID PVC FTU=6,140PSI	NAN YA PLASTICS CORP.
16	5	QLON WEATHERSTRIP (B)	URETHANE FOAM	SCHLEGAL SYSTEMS, INC.
17	4,8	DOOR HINGE	STEEL	WENZHOU LONGTAI HINGES CO., LTD.
18	3	NAILING FIN	FOAM PVC CO-EX FTU=6,019PSI	NAN YA PLASTICS CORP.
19	2	CORNER PAD	SBR	ENDURA PRODUCTS, INC.
20	1	T-ASTRAGAL (B)	FOAM PVC FTU = 6,019 PSI	NAN YA PLASTICS CORP.
21	1	MULLION COVER (B)	14GA. STAINLESS STEEL	KOU-YA STAINLESS CO., LTD.
22	1	MULLION REINFORCEMENT (B)	WHITE PINE MIN. SG = 0.42	DAN-CHANG ENTERPRISE CO., LTD.
23	1	MULLION REINFORCEMENT (B')	WHITE PINE MIN. SG = 0.42	DAN-CHANG ENTERPRISE CO., LTD.
24	1	DOOR GAP PLANK	FOAM PVC FTU = 6,019 PSI	NAN YA PLASTICS CORP.
25	2,3	1 3/16" REIN. WOOD-C	WHITE PINE MIN. SG = 0.42	DAN-CHANG ENTERPRISE CO., LTD.
26	3,5	2 23/32" REIN. WOOD-A HINGE/SIDELITE STILE	WHITE PINE MIN. SG = 0.42	DAN-CHANG ENTERPRISE CO., LTD.
27	1	BOTTOM CAP (L)	RIGID PVC FTU=6,140 PSI	DAN-CHANG ENTERPRISE CO., LTD.
28	2	CORNER KEY	DIE CAST	NINGBO MICOTA LOCKS CO., LTD.
29	2	MULLION (A) TOP CAP	RIGID PVC FTU=6,140 PSI	DAN-CHANG ENTERPRISE CO., LTD.
30	2	MULLION (A) BOTTOM CAP	RIGID PVC FTU=6,140 PSI	DAN-CHANG ENTERPRISE CO., LTD.
31	24,36	PLASTIC SCREW	NYLON 66	DAN-CHANG ENTERPRISE CO., LTD.
32	4,6	REINFORCEMENT SHEET STEEL 1.5" x .125"	SPHC	KOU-YA STAINLESS CO., LTD.
33	2	DRIVE BAR PLATE	STAINLESS STEEL	JAM-YANG ENTERPRISE CO., LTD.
34	2	HOOK KEEPER	STAINLESS STEEL	NINGBO MICOTA LOCKS CO., LTD.
35	2	TOP BOTTOM BAR KEEPER	STAINLESS STEEL	JAM-YANG ENTERPRISE CO., LTD.
36	1	SLAB MULTI-POINT LOCK KEEPER	STAINLESS STEEL	JAM-YANG ENTERPRISE CO., LTD.
37	1	MULTI-POINT LOCK SYSTEM	STAINLESS STEEL, DIE CAST	JAM-YANG ENTERPRISE CO., LTD.
38	1	TOP & BOTTOM BAR SYSTEM	STAINLESS STEEL, DIE CAST	JAM-YANG ENTERPRISE CO., LTD.
39	4,6	SMC FIBERGLASS, EXTERIOR SKIN FTU = 11,860 PSI	SHEET MOLDING COMPOUND	NAN YA PLASTICS CORP.
39A	4,6	SMC FIBERGLASS, INTERIOR SKIN FTU = 11,860 PSI	SHEET MOLDING COMPOUND	NAN YA PLASTICS CORP.
40	2,3	PHENOLIC FOAM BOARD	PHENOLIC	NAN YA PLASTICS CORP.
41	1	ROYAL SERIES HANDLE SET FOR MULTI-POINT PANEL	DIE CAST, SATIN NICKEL	NINGBO MICOTA LOCKS CO., LTD.
42	1	ROYAL SERIES HANDLE SET FOR PASSIVE PANEL	DIE CAST, SATIN NICKEL	NINGBO MICOTA LOCKS CO., LTD.
43	11,14	#10 X 2 1/2" PHILLIPS FLAT HEAD SMS	STEEL	JOHN CHEN SCREW IND CO., LTD.
44	20,36	#9 X 7/8" PHILLIPS FLAT HEAD SMS	STEEL	JOHN CHEN SCREW IND CO., LTD.
45	8	#9 X 1 1/8" PHILLIPS FLAT HEAD SMS	STEEL	JOHN CHEN SCREW IND CO., LTD.
46	44,47	#9 X 1 1/2" PHILLIPS FLAT HEAD SMS	STEEL	JOHN CHEN SCREW IND CO., LTD.
47	36,52	#9 X 2" PHILLIPS FLAT HEAD SMS	STEEL	JOHN CHEN SCREW IND CO., LTD.
48	4	#8 X 1" PHILLIPS FLAT HEAD SMS	STEEL	JOHN CHEN SCREW IND CO., LTD.
49		1" LAMINATED GLASS CONSISTING OF .125" LOE2 SERIES TEMPERED GLASS OUTSIDE, .500" ARGON FILLED AIRSPACE, .125" ANNEALED GLASS, .090" SOLUTIA LAMINATE PVB, .125" ANNEALED GLASS (INT)	CARDINAL GLASS	CARDINAL GLASS
50		3/16" DIA. I.T.W. TAPCON INSTALLATION ANCHOR	STEEL	I.T.W.
51		#12 PHILLIPS FLAT HEAD WOOD SCREW INSTALLATION ANCHOR	STEEL	
52	32	#10 X 3" PHILLIPS FLAT HEAD SMS	STEEL	JOHN CHEN SCREW IND CO., LTD.



**PRODUCT REVISED**  
 as complying with the Florida  
 Building Code  
 Acceptance No 11-0415.05  
 Expiration Date April 2016  
 By Ishag J. Chant  
 Miami Dade Product Control

Robert J. Amoruso P.E.  
 FL No. 49752  
 W 7/7/11

**NAN YA PLASTICS CORPORATION**  
 8909 NORTH LOOP EAST, HOUSTON TX. 77029

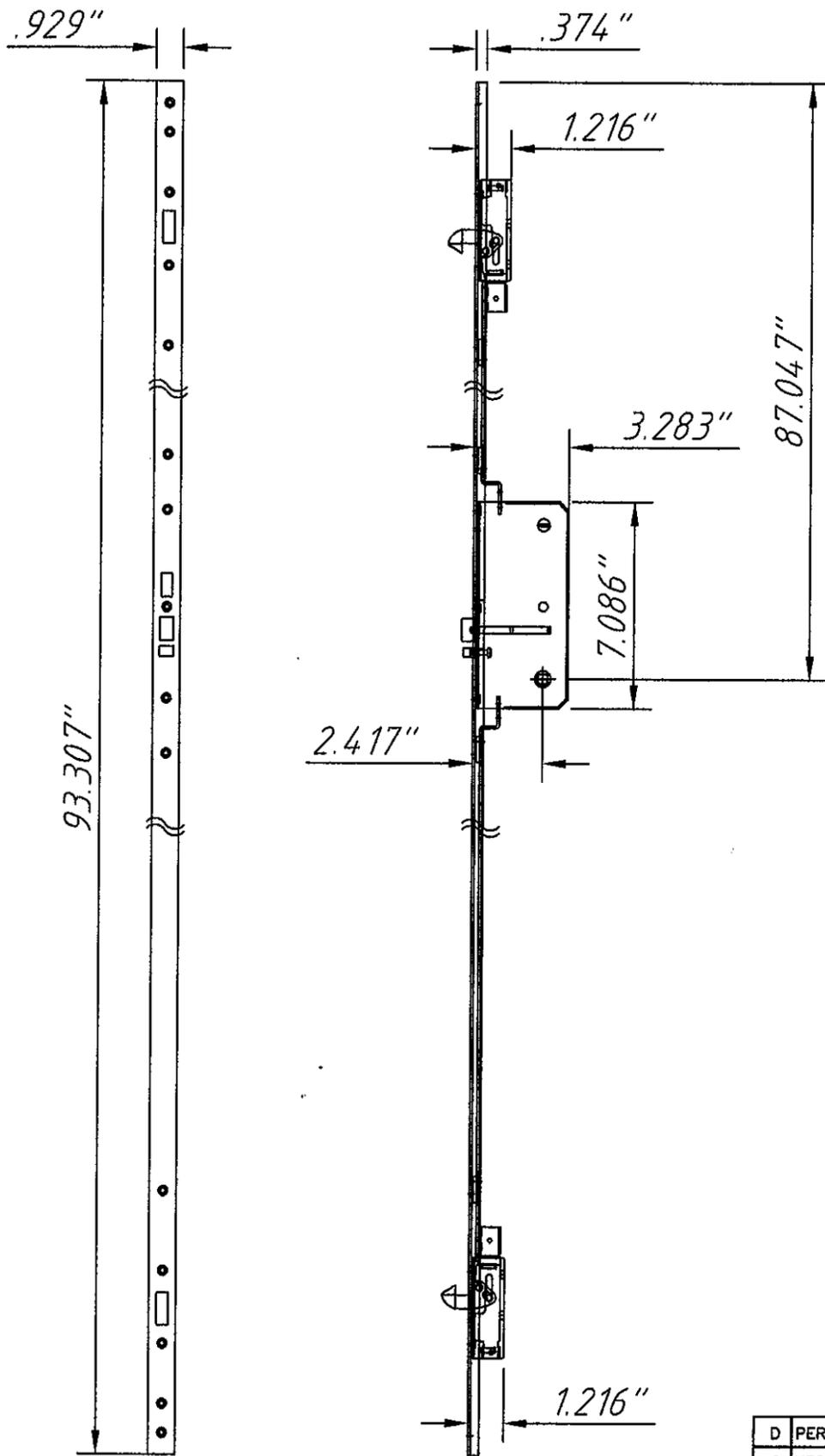
TITLE: 8' FIBERGLASS OUTSWING PATIO DOOR (OXX, XX)  
 BILL OF MATERIALS

PREPARED BY: **PTC** PTC PRODUCT DESIGN GROUP, LLC  
 DRN: DRL DATE: 04/03/06  
 SCALE: N.T.S. DWG. NO: NAY0003  
 REV: D SHEET: 8 OF 9

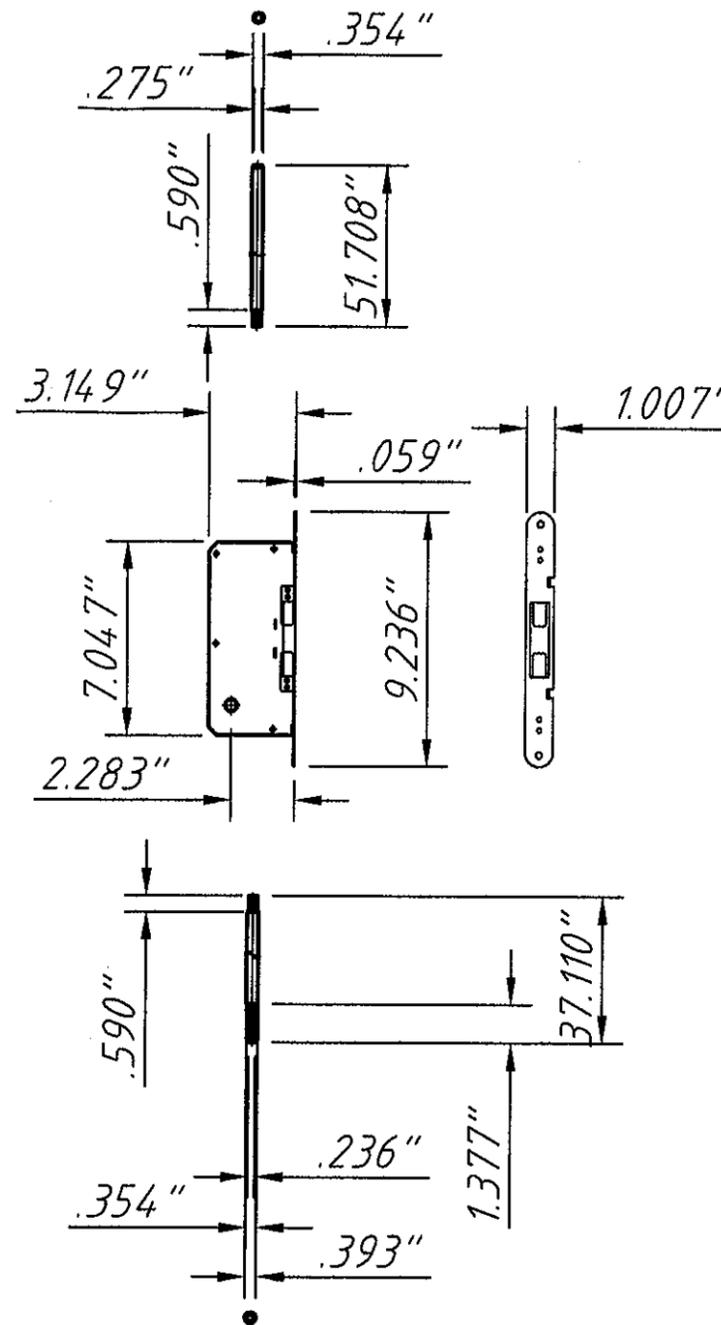
Phone 321-690-1788 Fax 321-690-1789

D	PER DADE LETTER DATED MAY 17, 2011	07/07/11	TJH
C	UPDATED TO 2007 FBC	2/28/11	JM
B	Updated per Dade County email dated 07/21/06	07/25/06	DRL
A	REVISED PER MIAMI-DADE COMMENTS	7/6/06	R.L.
SYM	REVISION	DATE	BY

PTC PRODUCT DESIGN GROUP, LLC  
 PO BOX 520775  
 LONGWOOD, FL 32752  
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37 MULTI-POINT LOCK



38 IMPACT PANEL BAR SYSTEM

PRODUCT REVISED  
 as complying with the Florida  
 Building Code  
 Acceptance No. 11-0415.05  
 Expiration Date: AUG 11, 2016  
*Shangli Chou*  
 Miami Dade Product Control

SYM	REVISION	DATE	BY
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PTC PRODUCT DESIGN GROUP, LLC  
 PO BOX 520775  
 LONGWOOD, FL 32752  
 FBPE CERTIFICATE OF AUTHORIZATION NO. 25935

Robert J. Amoruso, P.E.  
 FL No. 49752

*Robert J. Amoruso*

NAN YA PLASTICS CORPORATION  
 8909 NORTH LOOP EAST, HOUSTON TX. 77029

TITLE: 8' FIBERGLASS OUTSWING PATIO DOOR (OXX, XX)  
 LOCKING COMPONENT DETAILS

PREPARED BY: <b>PTC</b> PTC PRODUCT DESIGN GROUP, LLC Phone 321-690-1788 Fax 321-690-1789	DRN: DRL	DATE: 04/03/06
SCALE: N.T.S.	DWG. NO: NAYT0003	
REV: D	SHEET: 9 OF 9	