



DEPARTMENT OF REGULATORY AND ECONOMIC RESOURCES (RER)  
 BOARD AND CODE ADMINISTRATION DIVISION  
**NOTICE OF ACCEPTANCE (NOA)**

**Nan Ya Plastics Corporation USA**  
**8989 North Loop East**  
**Suite 800**  
**Houston, TX 77029-1217**

**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 8' Inswing Glazed White PVC/ Fiberglass Door (XXX or XX) – L.M.I.**

**APPROVAL DOCUMENT:** Drawing No. NAYT0002, Series titled "8' Fiberglass Inswing Patio Doors (XXX, XX)", sheets 1 through 9 of 9, dated 04/03/06, with revision "F" dated 04/16/12, prepared by PTC, LLC, signed and sealed by Robert James Amoruso, P. E., bearing the Miami-Dade County Product Control Section 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, **Taipei, Taiwan, Republic of China**, 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 NOA No. 11-0415.06 and consists of this page 1 and evidence pages E-1, E-2 and E-3, as well as approval document mentioned above.

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



*J. Gascon*  
*9/27/12*

**NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED**

**A. DRAWINGS**

1. Manufacturer's die drawings and sections.  
*(Submitted under previous NOA No. 11-0415.06)*
2. Drawing No. **NAYT0002**, Series titled "8' Fiberglass Inswing Patio Doors (XXX, XX)", sheets 1 through 9 of 9, dated 04/03/06, with revision "F" dated 04/16/12, prepared by PTC, LLC, signed and sealed by Robert James Amoruso, P. E.

**B. TESTS**

1. Test report on:
  - 1) Air Infiltration Test, per FBC, TAS 202-94
  - 2) Uniform Static Air Pressure Test, Loading per PA 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 and TAS 202-94along with marked-up drawings and installation diagram of Fiberglass Inswing Opaque/ Glazed Door, prepared by Certified Testing Laboratories, Inc., Test Report No. **CTLA 2019W**, dated 10/05/10, signed and sealed by Ramesh C. Patel, P. E.  
*(Submitted under previous NOA No. 11-0415.05)*
2. Test report on:
  - 1) Air Infiltration Test, per FBC, TAS 202-94
  - 2) Uniform Static Air Pressure Test, Loading per PA 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 203-94along with marked-up drawings and installation diagram of Fiberglass Inswing Opaque/ Glazed Door, prepared by Certified Testing Laboratories, Inc., Test Report No. **CTLA 1420W**, dated 02/24/06, signed and sealed by Ramesh C. Patel, P. E.  
*(Submitted under previous NOA No. 06-0411.05)*

**C. CALCULATIONS**

1. Anchor calculations and structural analysis, complying with FBC, prepared by PTC Engineering, Inc., dated 07/08/11, signed and sealed by Robert James Amoruso, P. E.  
*(Submitted under previous NOA No. 11-0415.06)*
2. **Complies with ASTM E1300-02/ 04**

**D. QUALITY ASSURANCE**

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



**Jaime D. Gascon, P. E.**  
**Product Control Section Supervisor**  
**NOA No. 12-0612.18**  
**Expiration Date: August 31, 2016**  
**Approval Date: October 04, 2012**

**NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED**

**E. MATERIAL CERTIFICATIONS**

1. Notice of Acceptance No. **11-1102.11**, issued to **Solutia, Inc.** for their “**Saflex Clear or Color Glass Interlayers**” dated 06/14/12, expiring on 05/21/16.
2. Test Report No. **ETC-05-255-17144.0**, prepared by ETC Laboratories, dated 07/03/08, issued by Nan Ya Plastics Corporation USA, for their Rigid PVC plastic (P/N: ETC06024), Standard Test Method for Ignition Properties of Plastics per ASTM D1929-96, Standard Test Method for Density of Smoke from the Burning or Decomposition of Plastics per ASTM D2843-99, Standard Test Method for Rate of Burning and/or Extent and Time of Burning of Self-Supporting Plastics in a Horizontal Position per ASTM D635-98, Standard Test Methods for Tensile Properties of Plastics for exposed & unexposed sample Xenon Arch after 4500 Hours, per ASTM D638-03, signed and sealed by Joseph Labora Doldan, P. E.  
*(Submitted under previous NOA No. 11-0415.06)*
3. Test Report No. **ETC-06-255-17412.0**, prepared by ETC Laboratories, dated 04/25/06, re-issued on 07/10/06 to Nan Ya Plastics Corporation USA, for their Phenolic Foam Board/ ETC06013 plastic per ASTM E84-05 “Standard Test Method for Surface Burning Characteristics of Building Materials”, signed and sealed by Joseph Labora Doldan, P. E.  
*(Submitted under previous NOA No. 06-0411.05)*
4. Test Report No. **ETC-05-255-16776.1**, prepared by ETC Laboratories, dated 07/06/06, issued by Nan Ya Plastics Corporation USA, for their SMC Fiberglass material (P/N: ETC05033), 4500 exposed Xenon Arch & tensile strength per ASTM D 638-03, Tensile strength, ASTM D 638-03, Smoke density per ASTM D2843-99, Rate of burning per ASTM D 635-98, Self ignition per ASTM D1929-01, signed and sealed by Joseph Labora Doldan, P. E.  
*(Submitted under previous NOA No. 06-0411.05)*
5. Test Report No. **ETC-05-255-16777.1**, prepared by ETC Laboratories, dated 07/26/06, issued by Nan Ya Plastics Corporation USA, for their Cellular PVC (P/N: ETC05034), Standard Test Method for Ignition Properties of Plastics per ASTM D1929-96, Standard Test Method for Density of Smoke from the Burning or Decomposition of Plastics per ASTM D2843-99, Standard Test Method for Rate of Burning and/or Extent and Time of Burning of Self-Supporting Plastics in a Horizontal Position per ASTM D635-98, Standard Test Methods for Tensile Properties of Plastics per ASTM D638-03, signed and sealed by Joseph Labora Doldan, P. E.  
*(Submitted under previous NOA No. 06-0411.05)*



**Jaime D. Gascon, P. E.**  
**Product Control Section Supervisor**  
**NOA No. 12-0612.18**  
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**F. STATEMENTS**

1. Statement letter of no financial interest, conformance and complying with **FBC-2010**, issued by PTC, LLC, dated 04/25/12, signed and sealed by Robert James Amoruso, P. E.
2. Statement letter dated 09/04/2012, for standard equivalency of ASTM D635-98/ 03 conforming to FBC 2010 for above referenced test reports, issued by PTC, LLC, signed and sealed by Robert James Amoruso, P. E.
3. Laboratory addendum letter for Test Report No. **CTLA 2019W-1**, issued by Certified Testing Laboratories, Inc., dated 07/12/11, signed and sealed by Ramesh C. Patel, P. E.  
*(Submitted under previous NOA No. 11-0415.06)*
4. Laboratory compliance letters for Test Report No. **CTLA-2019W**, dated 10/05/10, issued by ETC Laboratories, all signed and sealed by Ramesh C. Patel, P. E.  
*(Submitted under previous NOA No. 11-0415.06)*
5. Laboratory addendum letter for Test Report No. **CTLA 1420W-1**, issued by Certified Testing Laboratories, Inc., dated 07/18/06, signed and sealed by Ramesh C. Patel, P. E.  
*(Submitted under previous NOA No. 06-0411.05)*
6. Laboratory compliance letters for Test Report No. **CTLA-1420W**, dated 02/24/06, issued by ETC Laboratories, all signed and sealed by Ramesh C. Patel, P. E.  
*(Submitted under previous NOA No. 06-0411.05)*
7. Laboratory compliance letters for Test Reports No.'s **ETC-06-255-17412.0**, dated 04/25/06, **ETC-05-255-17144.0**, dated 07/03/08, **ETC-05-255-16776.1**, dated 07/06/06 and **ETC-05-255-16777.1**, dated 07/26/06, all issued by ETC Laboratories, all signed and sealed by Joseph Labora Doldan, P. E.  
*(Submitted under previous NOA No. 06-0411.05)*
8. Proposal issued by Product Control, dated 05/09/05, signed by Ishaq Chanda, P. E.  
*(Submitted under previous NOA No. 06-0411.05)*

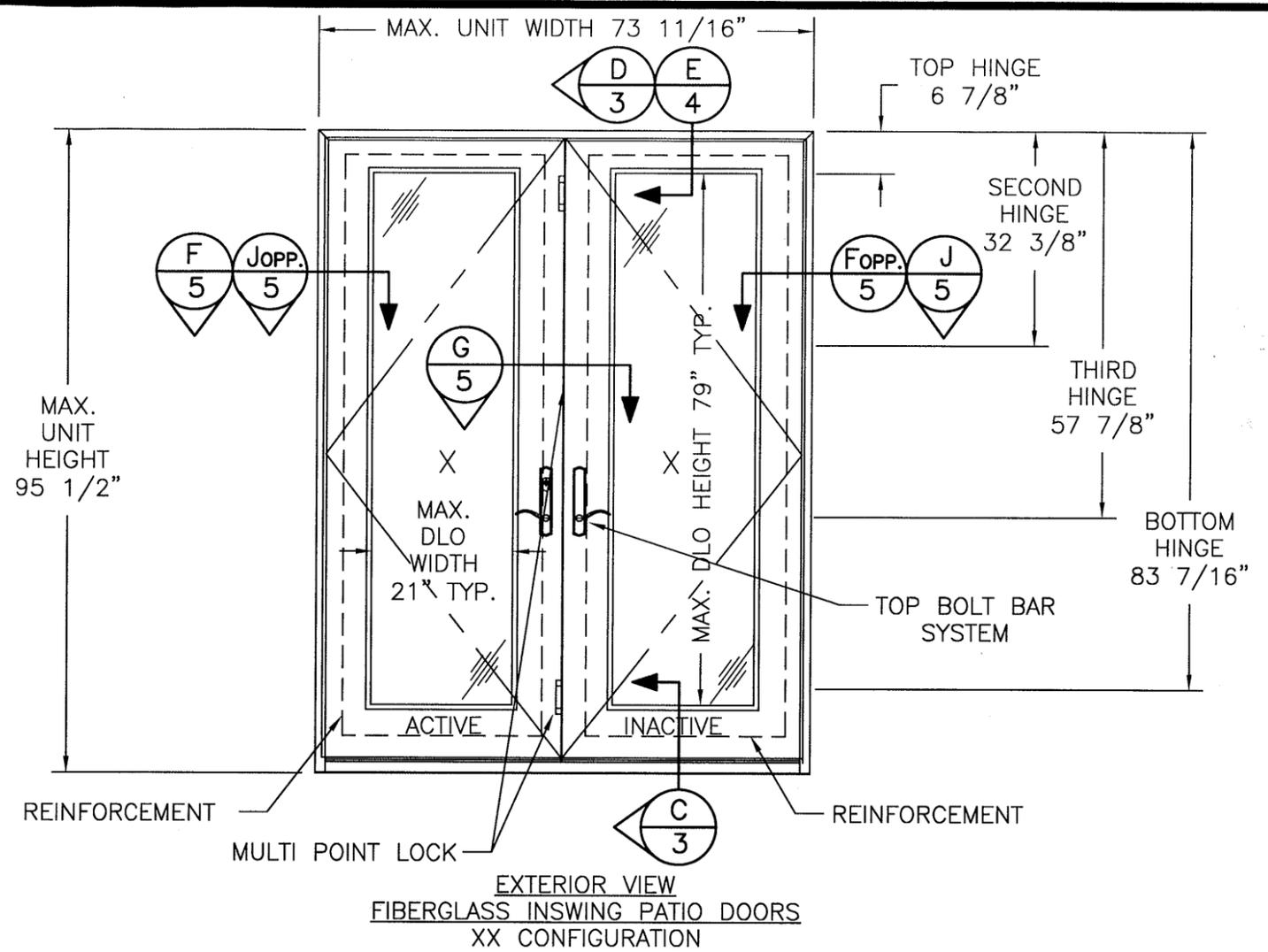
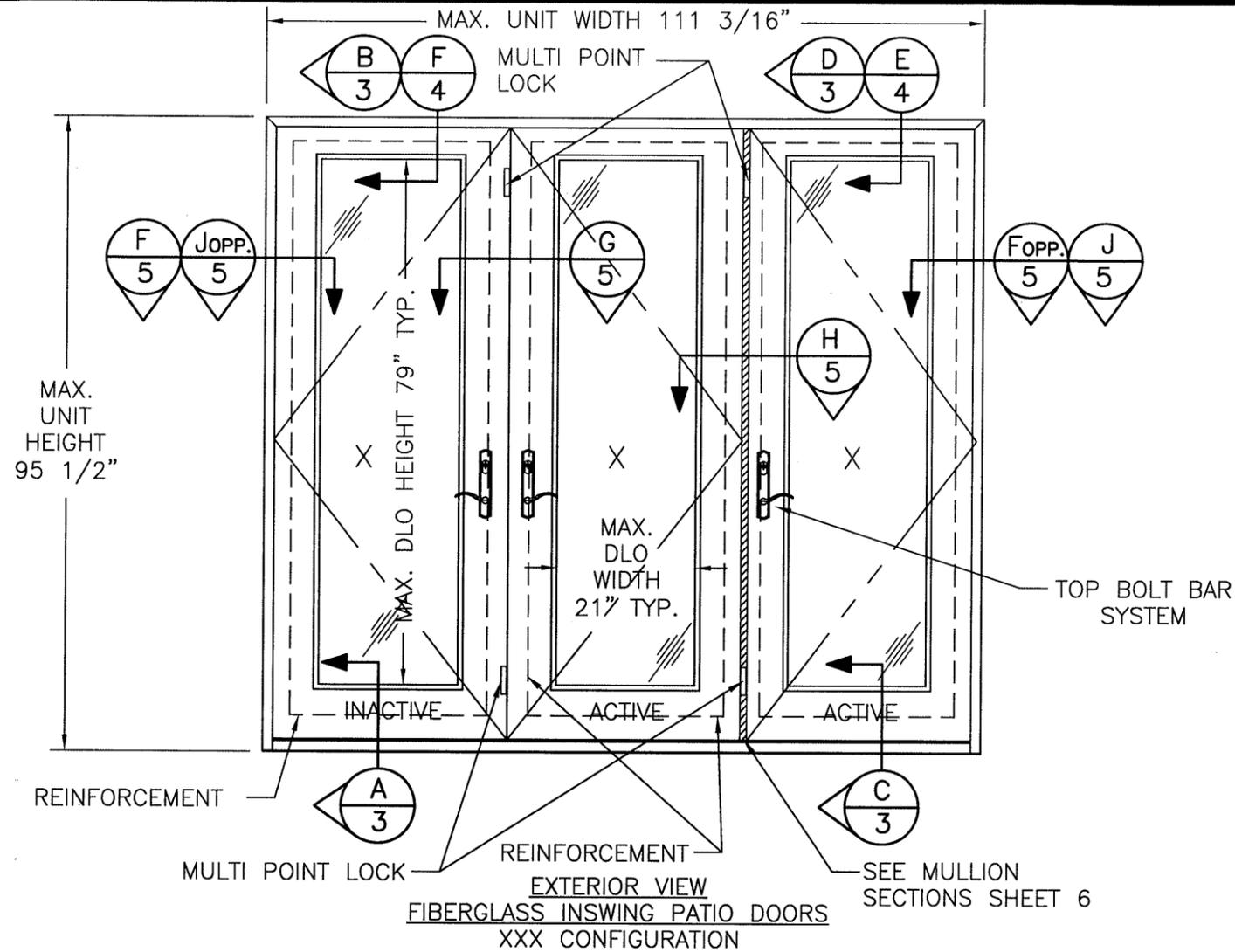
**G. OTHERS**

1. Notice of Acceptance No. **11-0415.06**, issued to Nan Ya Plastics Corporation USA for their "**Series 8' Inswing White PVC/ Fiberglass Doors (XXX, XX) - L.M.I.**", approved on 11/17/11 and expiring on 08/31/16.



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**Jaime D. Gascon, P. E.**  
**Product Control Section Supervisor**  
**NOA No. 12-0612.18**  
**Expiration Date: August 31, 2016**  
**Approval Date: October 04, 2012**



DESIGN PRESSURE RATING		
	WHERE WATER PENETRATION REQUIREMENT IS NEEDED	WHERE WATER PENETRATION REQUIREMENT IS NOT NEEDED
POSITIVE	NOT APPROVED	+ 50.0 PSF
NEGATIVE	NOT APPROVED	- 50.0 PSF

- NOTE:
1. THE PRODUCT SHOWN HEREIN IS DESIGNATED AND MANUFACTURED TO COMPLY WITH THE 2007 AND 2010 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 AND 2010 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.
  9. GLASS MEETS THE REQUIREMENTS OF ASTM E1300-04e1.

LARGE MISSILE IMPACT

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PAGE NO.	DESCRIPTION
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6	ADDITIONAL DETAILS
7	COMPONENTS
8	BILL OF MATERIALS & GLAZING DETAILS
9	LOCKING COMPONENTS

PRODUCT REVISED  
as complying with the Florida  
Building Code  
Acceptance No. 12-0612.18  
Expiration Date 22/31/2016  
By *[Signature]*  
Miami Dade Product Control

SYM	REVISION	DATE	BY
F	UPDATE TO 2010 FBC	04/16/12	TJH
E	PER DADE LETTER DATED SEPT. 21, 2011	09/21/11	TJH
D	PER DADE LETTER DATED MAY 18, 2011	07/08/11	TJH
C	UPDATED TO 2007 FBC	02/28/11	JM

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

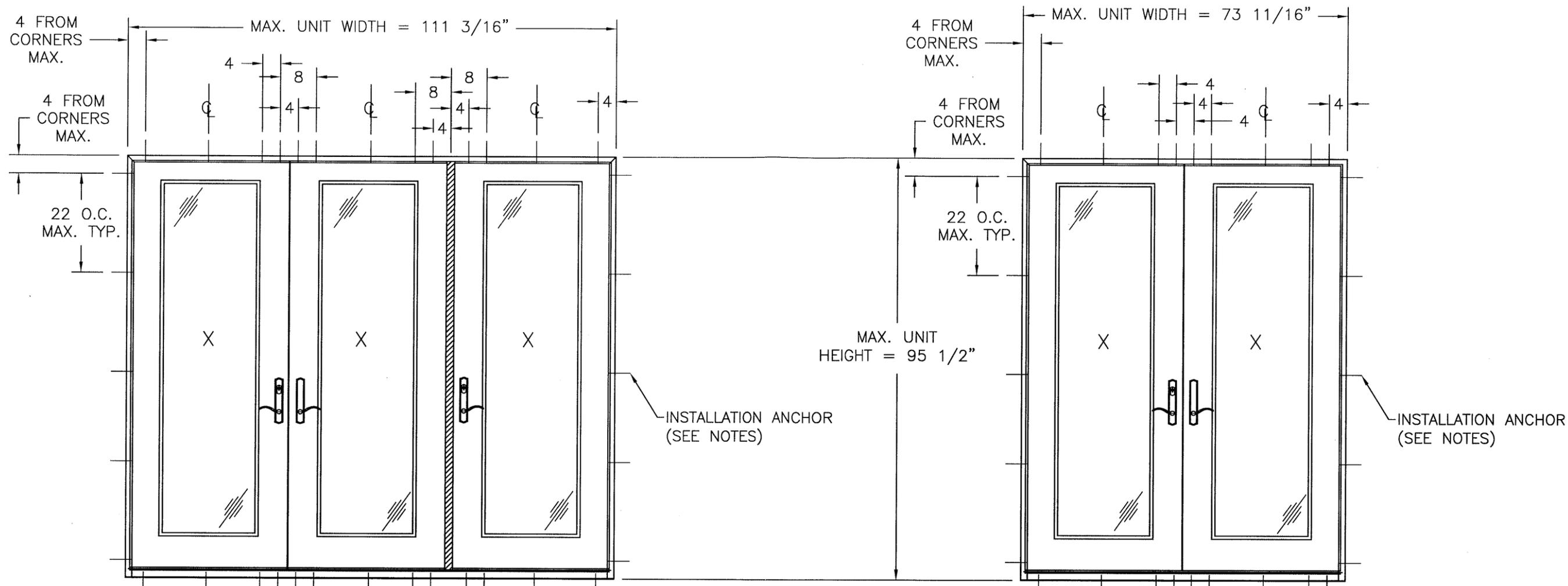
Robert J. Amoruso P.E.  
FL No. 49752

*[Handwritten Signature]*  
4/25/12

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

TITLE: 8' FIBERGLASS INSWING PATIO DOORS (XXX, XX)  
ELEVATION AND GENERAL NOTES

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: NAYT0002
	REV: F	SHEET: 1 OF 9



FIBERGLASS INSWING PATIO DOORS  
XXX CONFIGURATION

FIBERGLASS INSWING PATIO DOORS  
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  
Acceptance No. 12-0612.18  
Expiration Date 08/31/2016  
By *[Signature]*  
Miami Dade Product Control

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

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

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D	PER DADE LETTER DATED MAY 18, 2011	07/08/11	TJH
C	UPDATED TO 2007 FBC	02/28/11	DRL

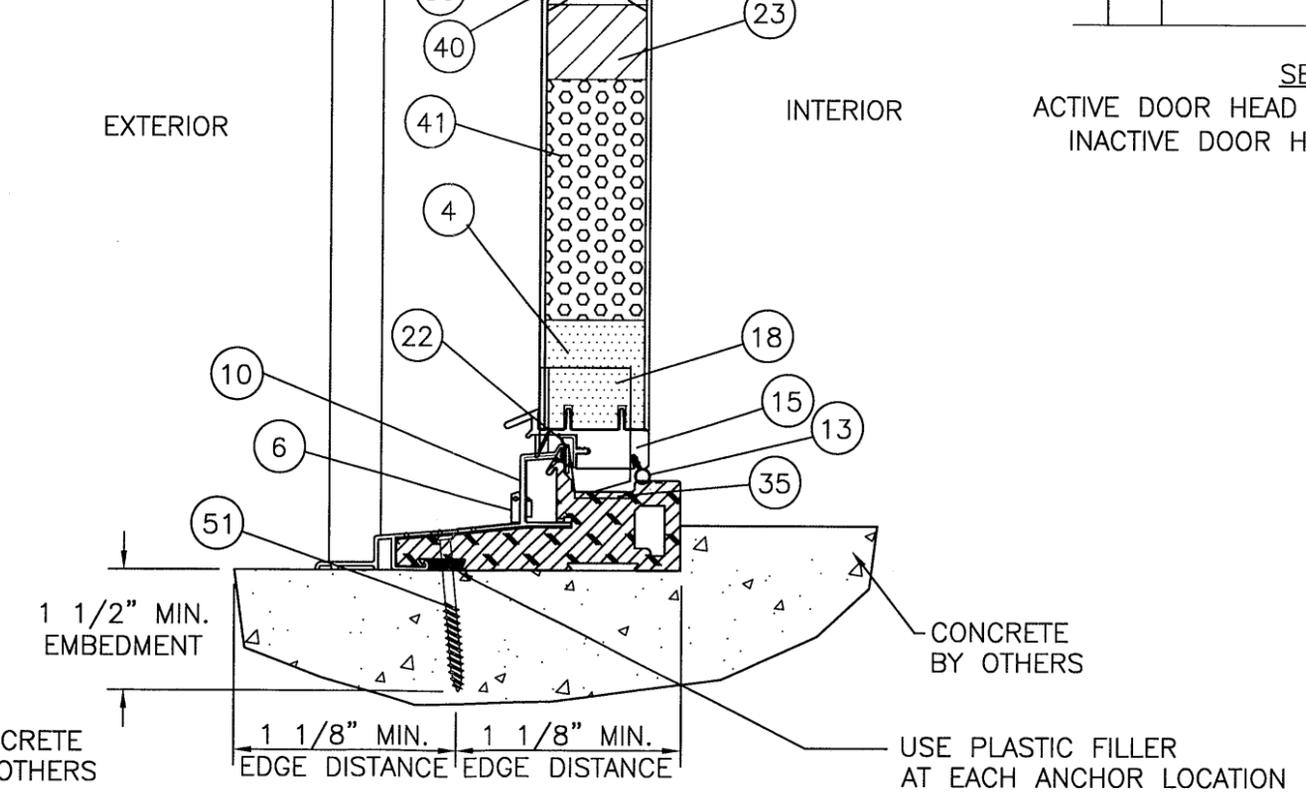
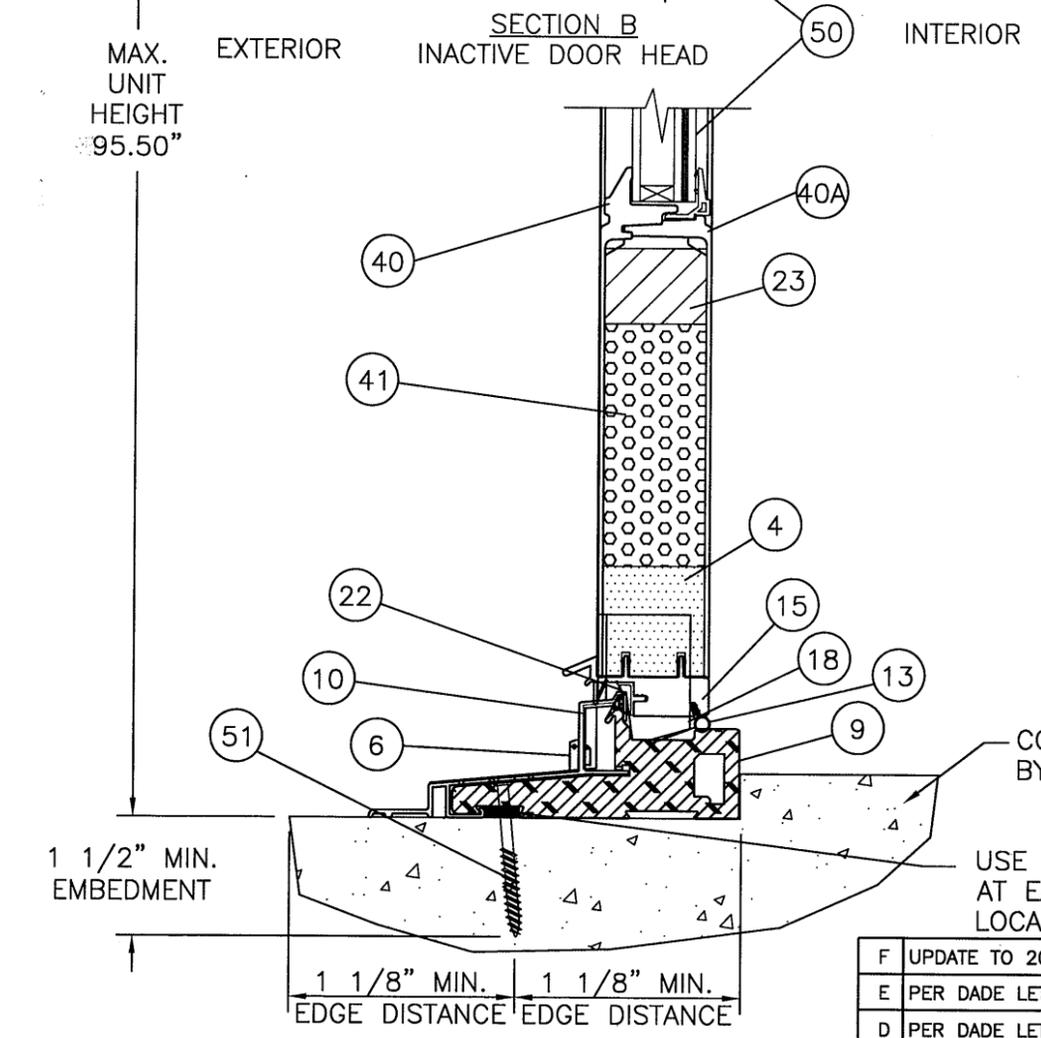
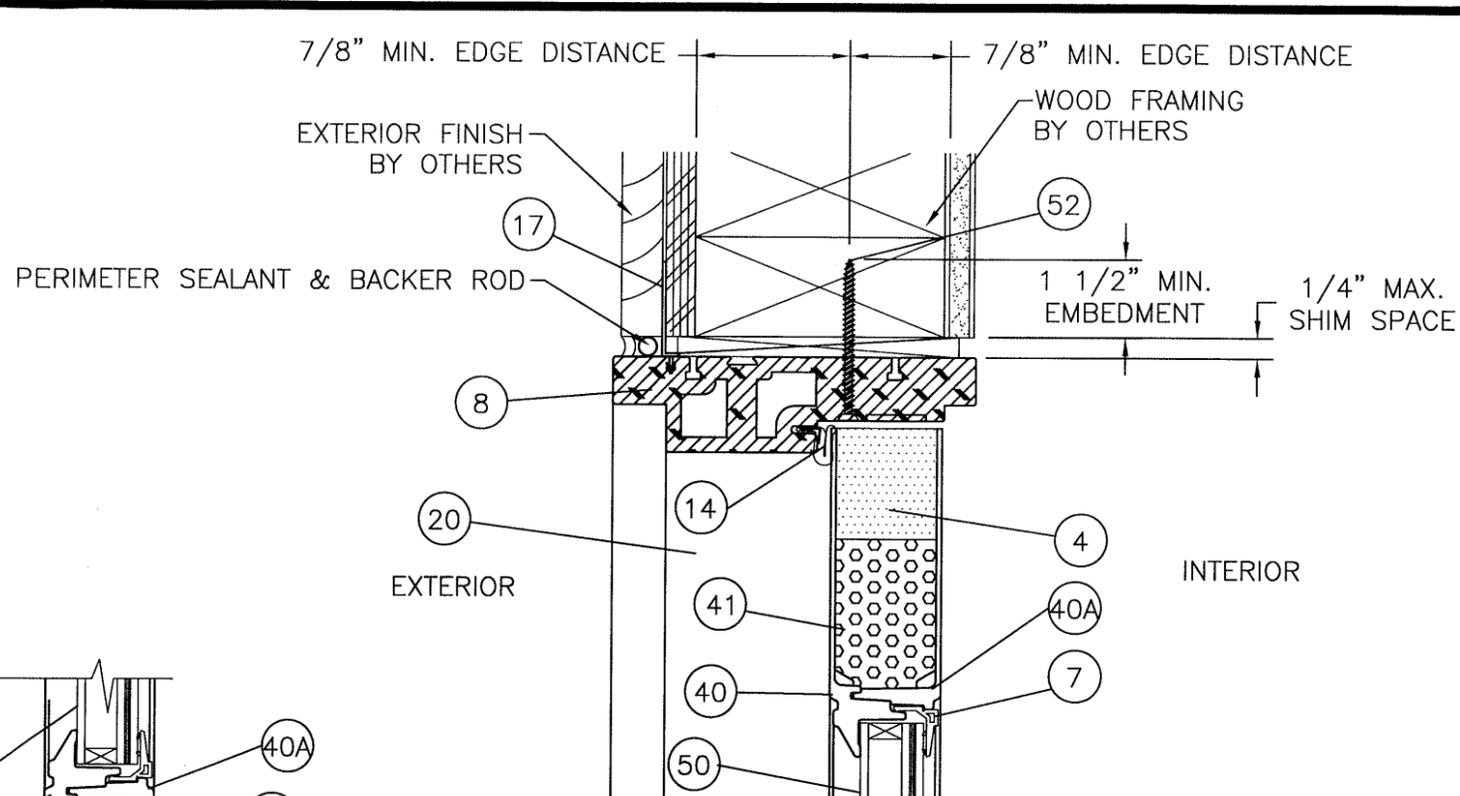
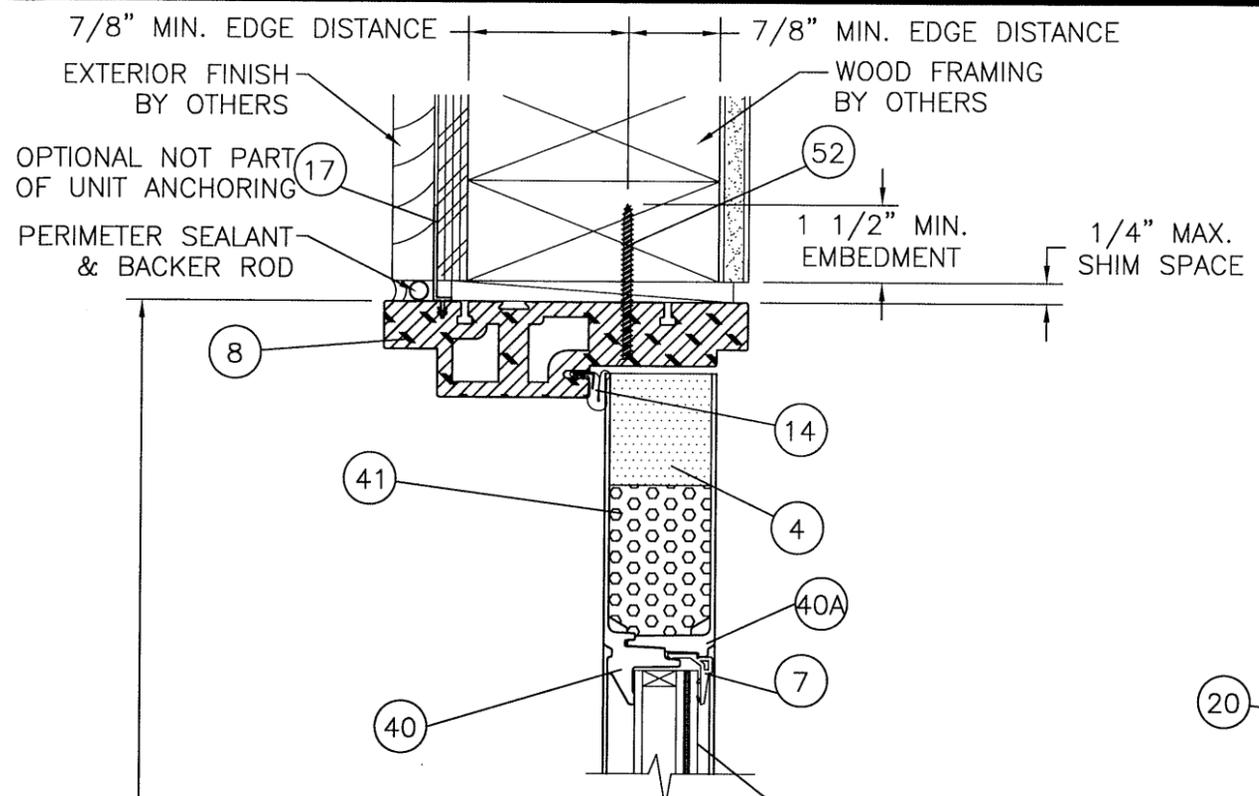
PTC PRODUCT DESIGN  
GROUP, LLC  
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LONGWOOD, FL 32752  
FBPE CERTIFICATE OF  
AUTHORIZATION NO. 25935

*[Handwritten Signature]*

TITLE: 8' FIBERGLASS INSWING PATIO DOORS (XXX, XX)  
ANCHORING AND ANCHORING NOTES

PREPARED BY: <b>PTC</b> PTC PRODUCT DESIGN GROUP, LLC	DRN: DRL	DATE: 04/03/06
SCALE: N.T.S.	DWG. NO: NAYT0002	
REV: F	SHEET: 2 OF 9	

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



PRODUCT REVISED  
 as complying with the Florida  
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 Acceptance No. 12-0612.18  
 Expiration Date 03/31/2016  
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 Miami Dade Product Control

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

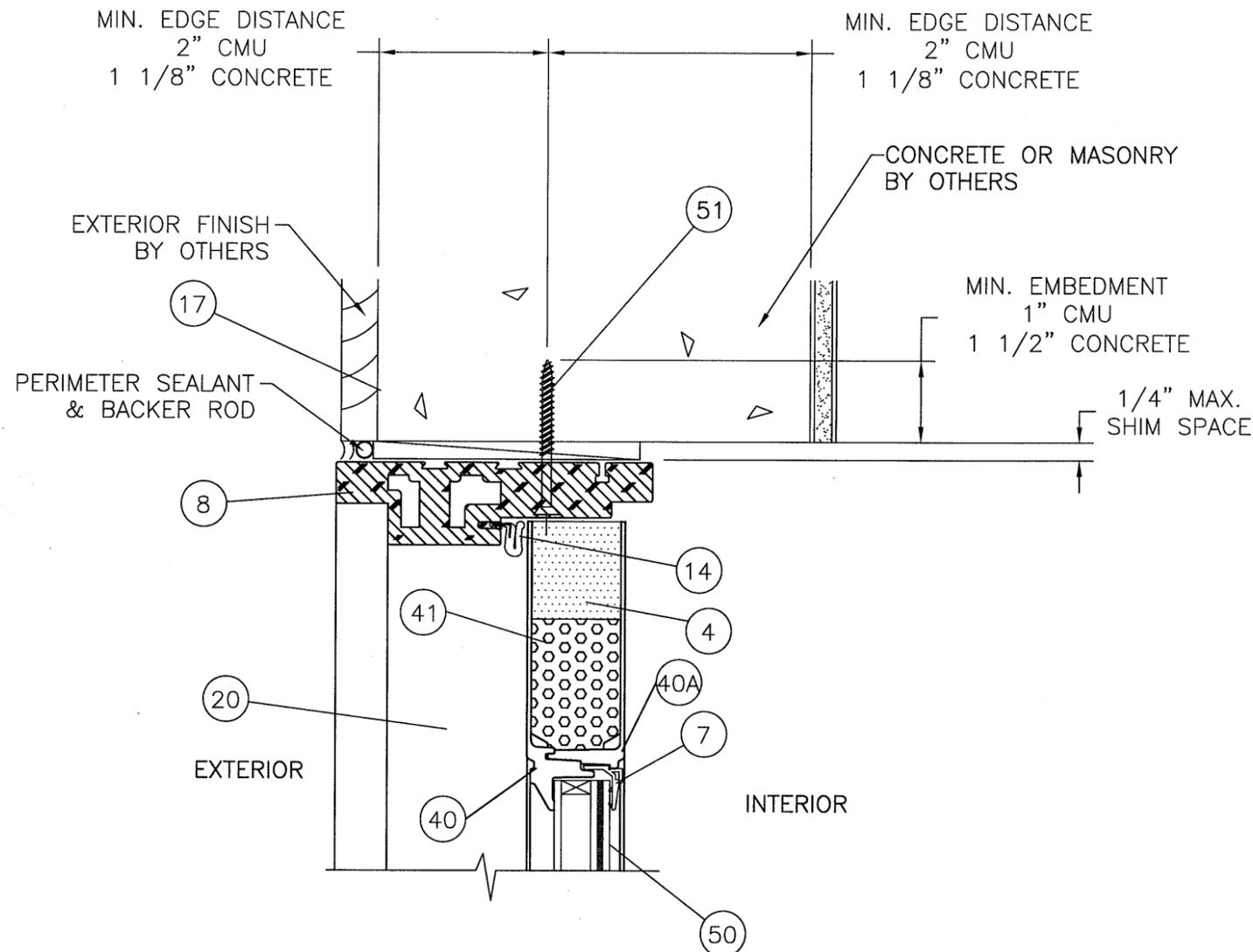
NAN YA PLASTICS CORPORATION  
 8989 NORTH LOOP EAST, HOUSTON TX. 77029

TITLE: 8' FIBERGLASS INSWING PATIO DOORS (XXX, XX)  
 VERTICAL CROSS SECTION

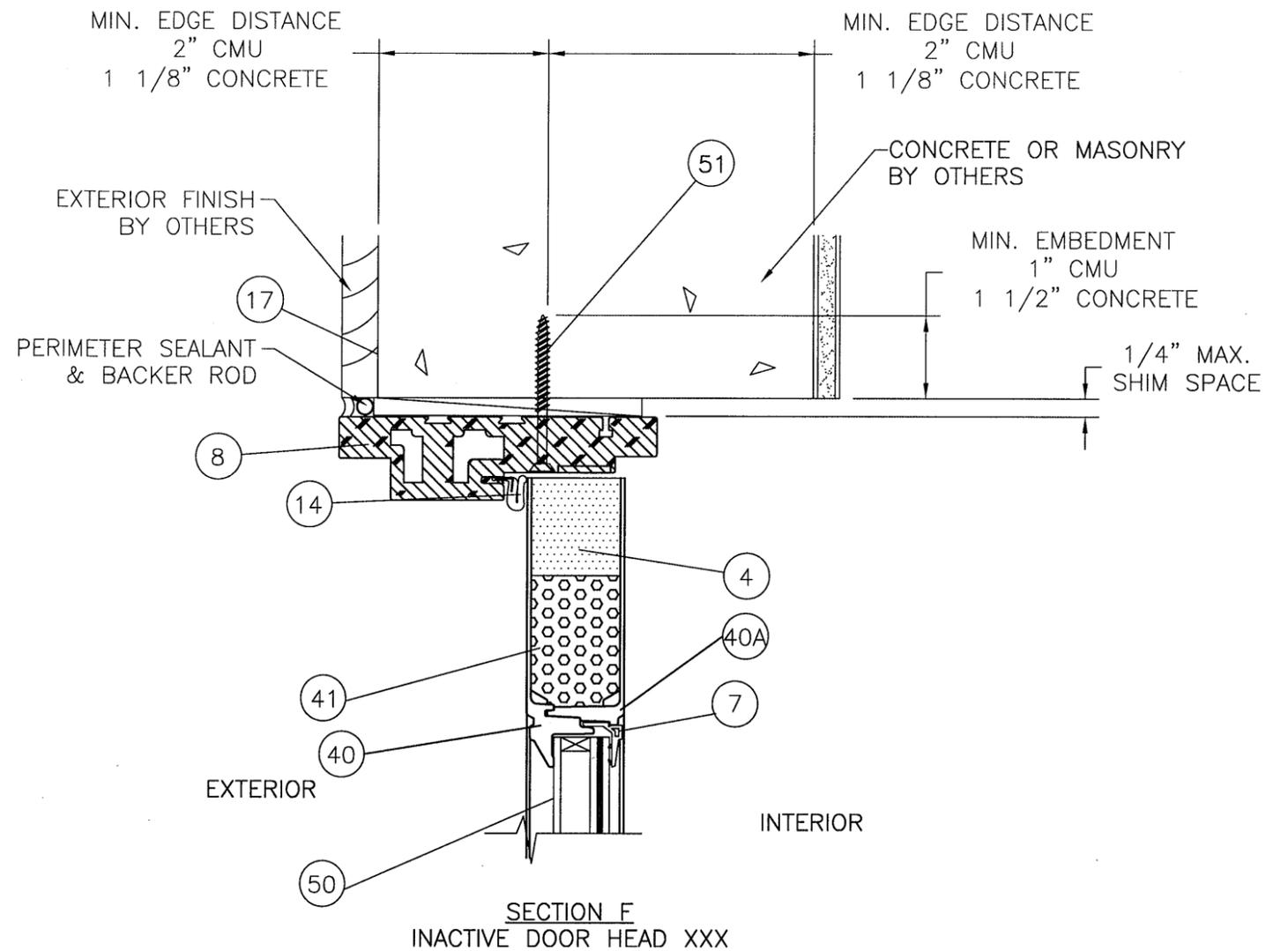
PREPARED BY: **PTC**  
 PTC PRODUCT DESIGN GROUP, LLC

DRN: DRL DATE: 04/03/06  
 SCALE: N.T.S. DWG. NO: NAYT0002  
 REV: F SHEET: 3 OF 9

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



SECTION E  
ACTIVE DOOR HEAD XXX (W/MULLION SHOWN)  
INACTIVE DOOR HEAD XX (MULLION N/A)



SECTION F  
INACTIVE DOOR HEAD XXX

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By: *[Signature]*  
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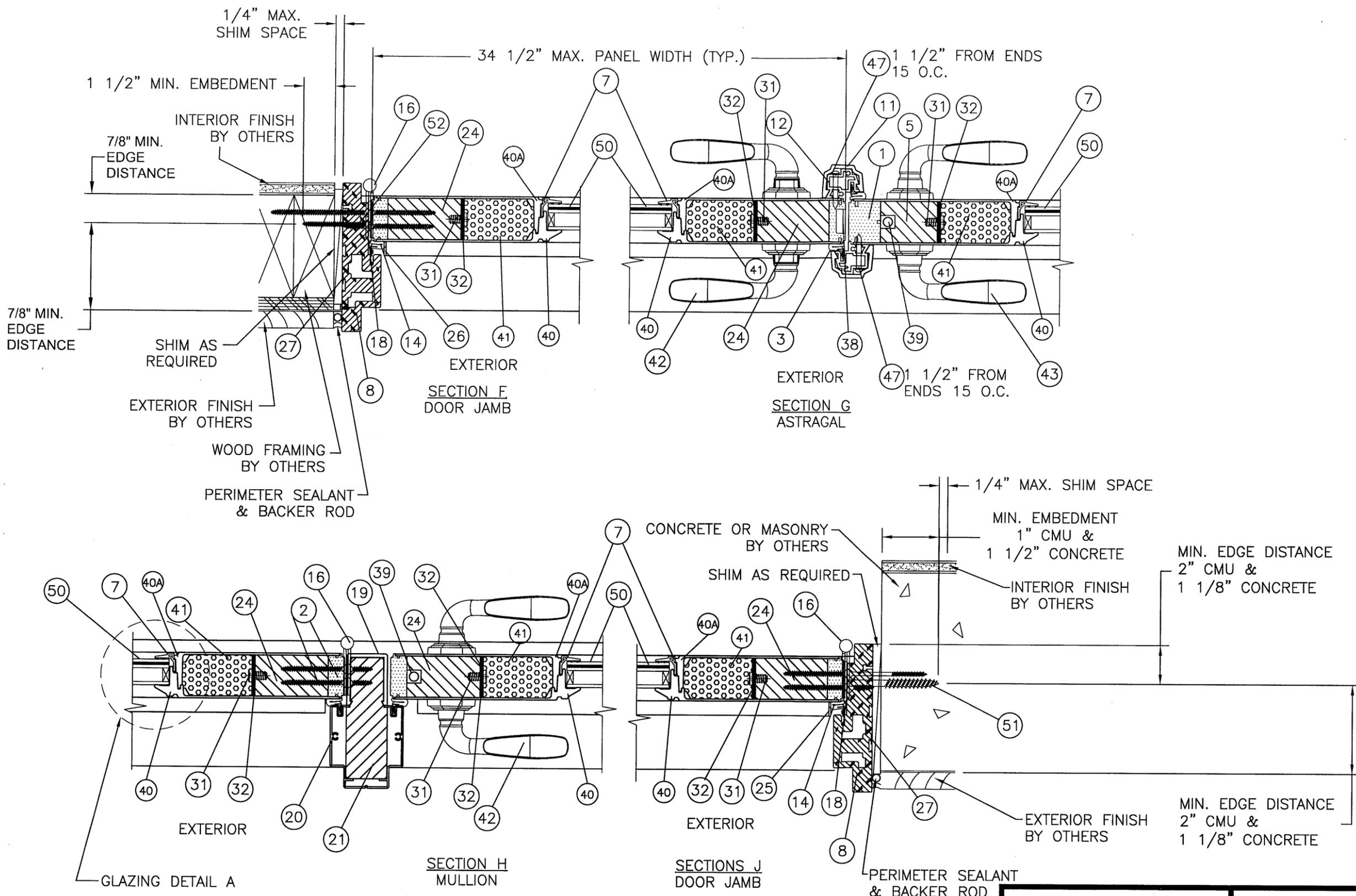
Robert J. Amcruso P.E.  
FL No. 49752

*[Signature]* 4/25/12

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

TITLE: 8' FIBERGLASS INSWING PATIO DOORS (XXX, 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.: NAYT0002
	REV: F	SHEET: 4 OF 9



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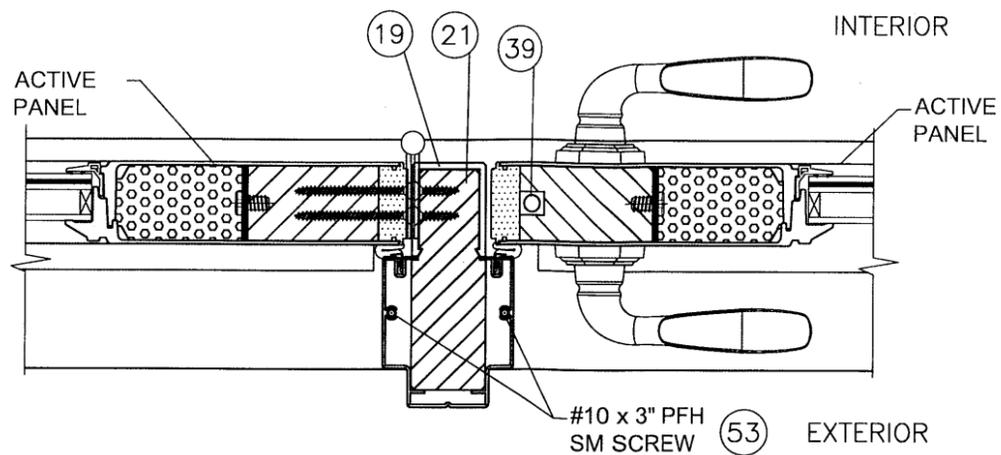
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TITLE: 8' FIBERGLASS INSWING PATIO DOORS (XXX, XX)  
 HORIZONTAL CROSS SECTION

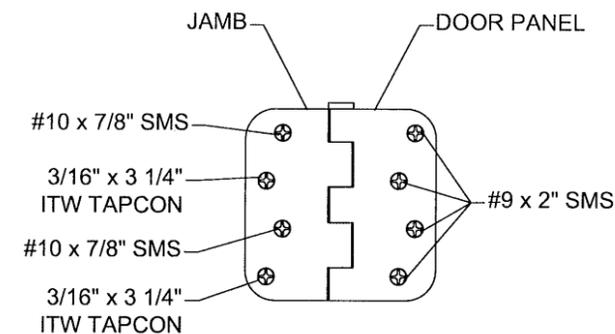
PREPARED BY:  
**PTC**  
 PTC PRODUCT DESIGN GROUP, LLC

DRN: DRL DATE: 04/03/06  
 SCALE: N.T.S. DWG. NO: NAYT0002  
 REV: F SHEET: 5 OF 9

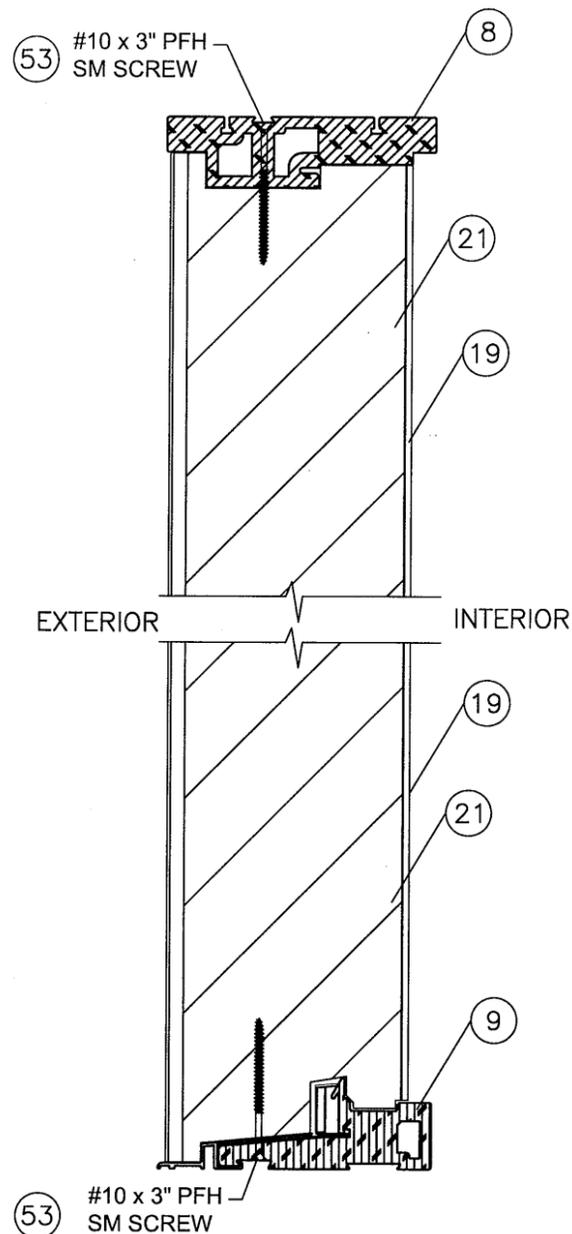
Phone 321-690-1788 Fax 321-690-1789



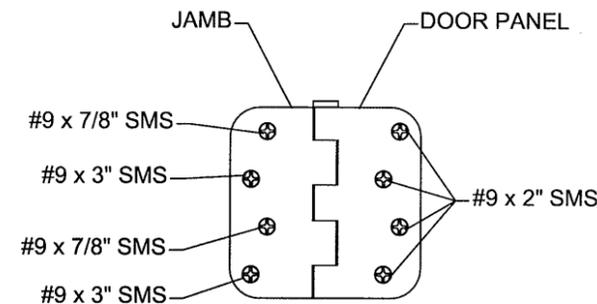
**HORIZONTAL SECTION K AT MULLION**  
SILL SHOWN, HEAD SIMILAR



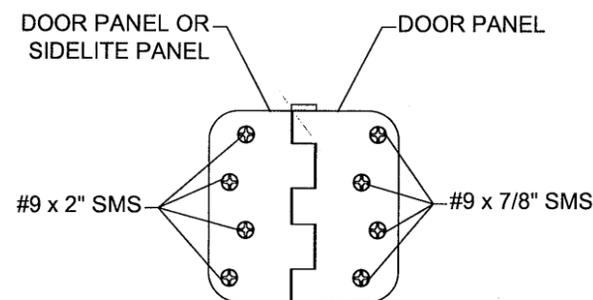
**HINGE TO JAMB**  
MASONRY/CONCRETE INSTALLATION



**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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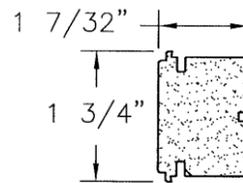
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4/25/12

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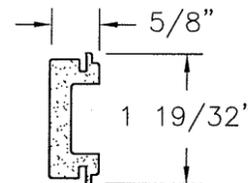
TITLE: 8' FIBERGLASS INSWING PATIO DOORS (XXX, XX)  
ADDITIONAL DETAILS

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: F	DATE: 04/03/06 DWG. NO: NAYT0002 SHEET: 6 OF 9
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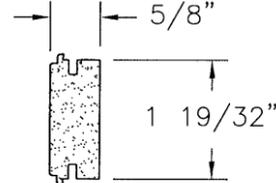
① 1 7/32" STILE  
FOAM PVC



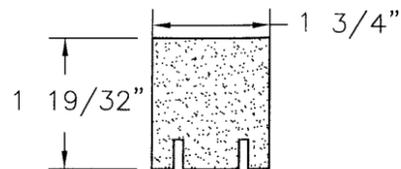
② 5/8" STILE FOR A MULTI  
POINT LOCKING SYSTEM  
FOAM PVC



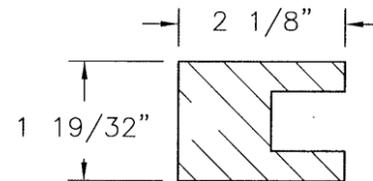
③ 5/8" STILE  
FOAM PVC



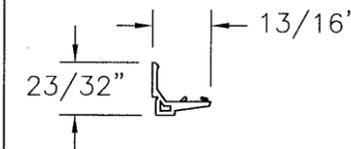
④ TOP & BOTTOM RAIL  
FOAM PVC



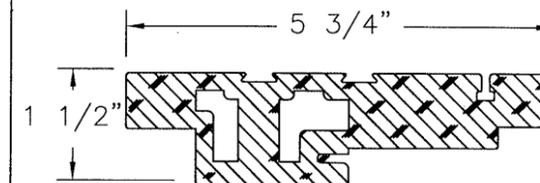
⑤ 2 1/8" REIN. WOOD-B



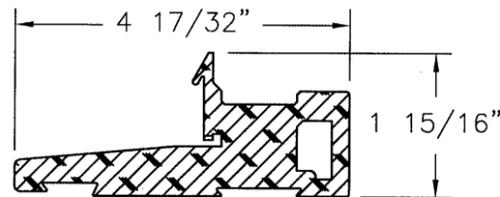
⑦ GLAZING BEAD  
TYPICAL WALL  
THICKNESS 0.070



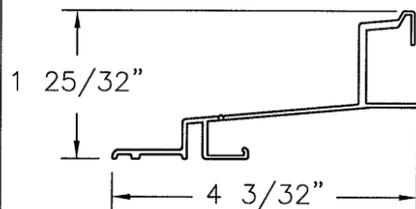
⑧ HEAD FRAME & JAMB  
TYPICAL WALL THICKNESS 0.236



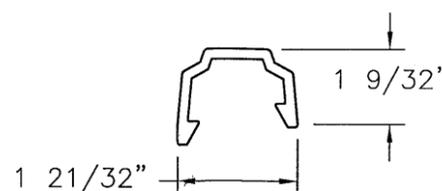
⑨ INSWING SILL-A  
TYPICAL WALL THICKNESS



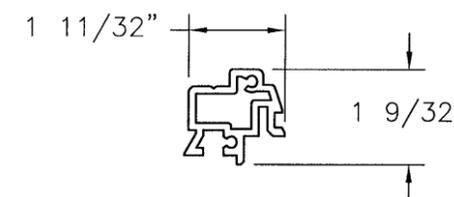
⑩ INSWING SILL-B  
ALUMINUM 6063-T5  
TYPICAL WALL THICKNESS 0.098



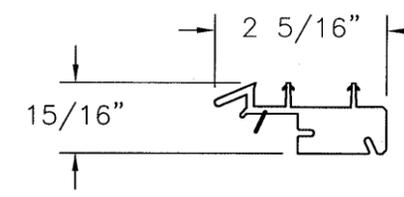
⑪ T-ASTRAGAL-A  
TYPICAL WALL THICKNESS 0.125



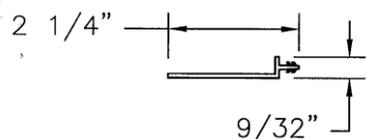
⑫ T-ASTRAGAL REINFORCEMENT A  
TYPICAL WALL THICKNESS 0.098



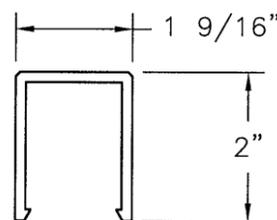
⑮ DOOR BOTTOM



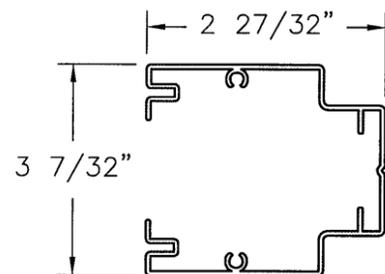
⑰ NAILING FIN  
TYPICAL WALL THICKNESS  
0.078



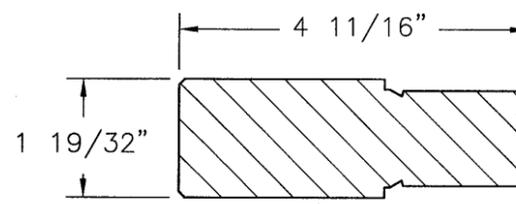
⑲ T-ASTRAGAL-B  
TYPICAL WALL THICKNESS 0.140



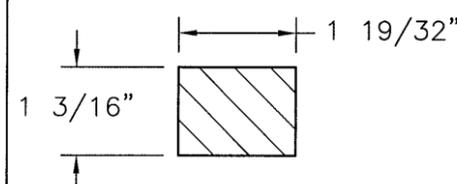
⑳ MULLION COVER-B 14GA.  
STAINLESS STEEL  
TYPICAL WALL THICKNESS 0.063



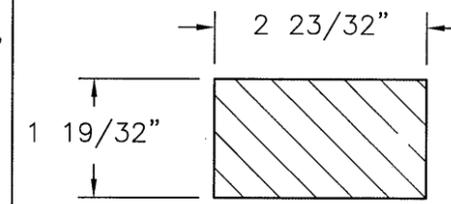
㉑ MULLION  
REINFORCEMENT (B)  
FULL LENGTH



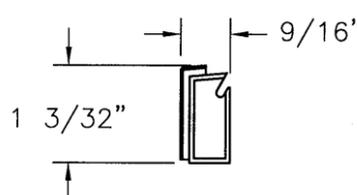
㉓ RAILS FULL LENGTH  
1 3/16" REINFORCED  
WOOD-C



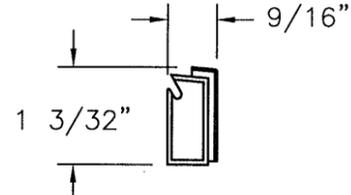
㉔ DOOR HINGE STILE  
SIDELITE STILE  
FULL LENGTH  
2 23/32" REINFORCED  
WOOD-A



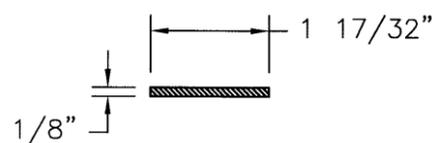
㉕ SILL CAP (LEFT)



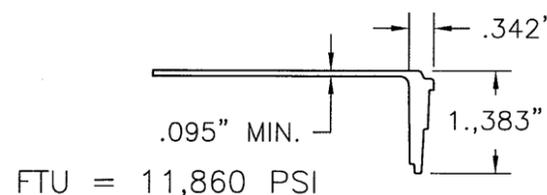
㉖ SILL CAP (RIGHT)



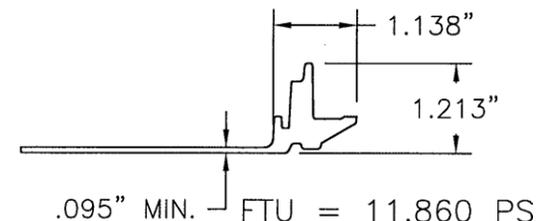
㉚ REINFORCEMENT SHEET STEEL



40A FIBERGLASS INTERIOR  
SKIN SMC .095" THICK



40 FIBERGLASS EXTERIOR  
SKIN SMC .095" THICK



PRODUCT REVISED  
as complying with the Florida  
Building Code  
Acceptance No. 12-0612.18  
Expiration Date 02/13/2016  
By: *[Signature]*  
Miami Dade Product Control

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

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

TITLE: 8' FIBERGLASS INSWING PATIO DOORS (XXX, XX)  
COMPONENTS

F	UPDATE TO 2010 FBC	04/16/12	TJH
E	PER DADE LETTER DATED SEPT. 21, 2011	09/21/11	TJH
D	PER DADE LETTER DATED MAY 18, 2011	07/08/11	TJH
C	UPDATED TO 2007 FBC	02/28/11	DRL
SYM	REVISION	DATE	BY

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

*[Signature]*

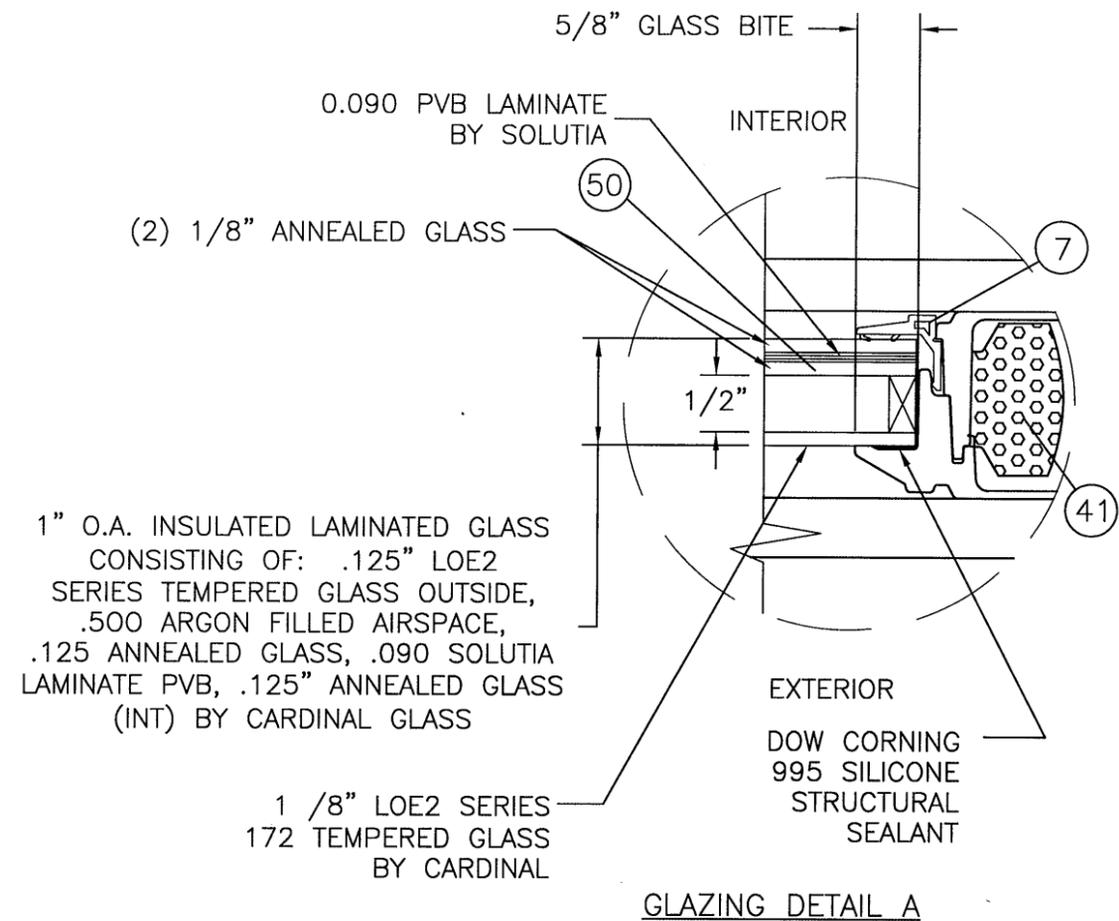
PREPARED BY:  
**PTC**  
PTC PRODUCT DESIGN GROUP, LLC

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

DRN:	DRL	DATE:	04/03/06
SCALE:	N.T.S.	DWG. NO.:	NAYT0002
REV:	F	SHEET:	7 OF 9

**BILL OF MATERIALS**

NO	QTY	DESCRIPTION	MATERIAL	VENDOR
1	1	1 7/32" STILE	FOAM PVC FTU = 6,019 PSI	NAN YA PLASTICS CORP.
2(3)	3	5/8" STILE (ONE FOR MULTI-POINT LOCK)	FOAM PVC FTU = 6,019 PSI	NAN YA PLASTICS CORP.
4	4	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	6	WEEP HOLE COVER	NYLON	DAN-CHANG ENTERPRISE CO., LTD.
7	8	GLAZING BEAD	RIGID PVC FTU = 6,140 PSI	NAN YA PLASTICS CORP.
8	3	HEAD FRAME & JAMB	FOAM PVC CO-EX FTU = 6,019 PSI	NAN YA PLASTICS CORP.
9	1	INSWING SILL-A	FOAM PVC CO-EX FTU = 6,019 PSI	NAN YA PLASTICS CORP.
10	1	INSWING 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	2	WEATHERSTRIP (A)	URETHANE FOAM OR RIGID PVC	ULTRAFAB, INC.
14	5	QLON WEATHERSTRIP (B)	URETHANE FOAM	SCHLEGAL SYSTEMS, INC.
15	2	DOOR BOTTOM	FOAM PVC FTU=6,019PSI OR RIGID PVC FTU=6,140PSI	NAN YA PLASTICS CORP.
16	8,12	DOOR HINGE	STEEL	WENZHOU LONGTAI HINGES CO., LTD
17	3	NAILING FIN	PVC CO-EX FTU = 6,019 PSI	NAN YA PLASTICS CORP.
18	2	CORNER PAD	SBR	ENDURA PRODUCTS, INC.
19	1	T-ASTRAGAL (B)	FOAM PVC FTU = 6,019 PSI	NAN YA PLASTICS CORP.
20	1	MULLION COVER (B) 14GA.	STAINLESS STEEL	SHANG YIH DAR ALUM. CO., LTD.
21	1	MULLION REINFORCEMENT (B)	WHITE PINE MIN. SG = 0.42	DAN-CHANG ENTERPRISE CO., LTD.
22	2	WEATHERSTRIP (C)	EPDM	MAXEST INDUSTRIAL INCORP.
23	2	1 3/16" REIN. WOOD-C	WHITE PINE MIN. SG = 0.42	DAN-CHANG ENTERPRISE CO., LTD.
24	3	2 23/32" REIN. WOOD-A	WHITE PINE MIN. SG = 0.42	DAN-CHANG ENTERPRISE CO., LTD.
25	1	SILL CAP (LEFT)	NYLON	DAN-CHANG ENTERPRISE CO., LTD.
26	1	SILL CAP (RIGHT)	NYLON	DAN-CHANG ENTERPRISE CO., LTD.
27	2	CORNER KEY	DIE CAST	NINGBO MICOTA LOCKS CO., LTD.
28	2	DRIVE BAR PLATE	STAINLESS STEEL	JAM-YUAN ENTERPRISES CO., LTD.
29	2	T-ASTRAGAL (B) TOP CAP	RIGID PVC FTU = 6,140 PSI	DAN-CHANG ENTERPRISE CO., LTD.
30	2	T-ASTRAGAL (B) 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	HOOK KEEPER	STAINLESS STEEL	NINGBO MICOTA LOCKS CO., LTD.
34	1	SLAB MULTI-POINT LOCK KEEPER	STAINLESS STEEL	JAM-YUAN ENTERPRISES CO., LTD.
35	2	TOP BOTTOM BAR KEEPER	STAINLESS STEEL	JAM-YUAN ENTERPRISES CO., LTD.
36	2	HOOK KEEPER (B)	STAINLESS STEEL	NINGBO MICOTA LOCKS CO., LTD.
37	1	SLAB MULTI-POINT LOCK KEEPER (B)	STAINLESS STEEL	NINGBO MICOTA LOCKS CO., LTD.
38	1,2	MULTI-POINT LOCKING SYSTEM	STAINLESS STEEL, DIE CAST	JAM-YUAN ENTERPRISES CO., LTD.
39	1	TOP/ BOTTOM DRIVE BAR SYSTEM	STAINLESS STEEL, DIE CAST	JAM-YUAN ENTERPRISES CO., LTD.
40	4,6	SMC FIBERGLASS, EXTERIOR SKIN FTU = 11,860 PSI	SHEET MOLDING COMPOUND	NAN YA PLASTICS CORP.
40A		SMC FIBERGLASS, INTERIOR SKIN FTU = 11,860 PSI		
41	2,3	PHENOLIC FOAM BOARD	PHENOLIC	NAN YA PLASTICS CORP.
42	1,2	ROYAL SERIES HANDLE SET FOR MULTI-POINT PANEL	DIE CAST, SATIN NICKEL	NINGBO MICOTA LOCKS CO., LTD.
43	1	ROYAL SERIES HANDLE SET FOR PASSIVE PANEL	DIE CAST, SATIN NICKEL	NINGBO MICOTA LOCKS CO., LTD.
44	12	#10 X 2 1/2" PHILLIPS FLAT HEAD SMS	STEEL	JOHN CHEN SCREW IND. CO., LTD.
45	36	#9 X 7/8" PHILLIPS FLAT HEAD SMS	STEEL	JOHN CHEN SCREW IND. CO., LTD.
46	8,20	#9 X 1 1/8" PHILLIPS FLAT HEAD SMS	STEEL	JOHN CHEN SCREW IND. CO., LTD.
47	30,52	#9 X 1 1/2" PHILLIPS FLAT HEAD SMS	STEEL	JOHN CHEN SCREW IND. CO., LTD.
48	36,52	#9 X 2" PHILLIPS FLAT HEAD SMS	STEEL	JOHN CHEN SCREW IND. CO., LTD.
49	4	#8 X 1" PHILLIPS FLAT HEAD SMS	STEEL	JOHN CHEN SCREW IND. CO., LTD.
50		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
51		3/16" DIA. ITW TAPCON INSTALLATION ANCHOR		
52		#12 PHILLIPS FLAT HEAD WOOD SCREW INSTALLATION ANCHOR	STEEL	JOHN CHEN SCREW IND. CO., LTD.
53	4	#10 X 3" PHILLIPS FLAT HEAD SMS	STEEL	JOHN CHEN SCREW IND. CO., LTD.



FOLLOWING ITEMS ARE USED BUT NOT SHOWN:  
28, 33, 34, 36, 37, 40 44, 45, 46, 47, 48 AND 49

SYM	REVISION	DATE	BY
F	UPDATE TO 2010 FBC	04/16/12	TJH
E	PER DADE LETTER DATED SEPT. 21, 2011	09/21/11	TJH
D	PER DADE LETTER DATED MAY 18, 2011	07/08/11	TJH
C	UPDATED TO 2007 FBC	02/28/11	JM

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

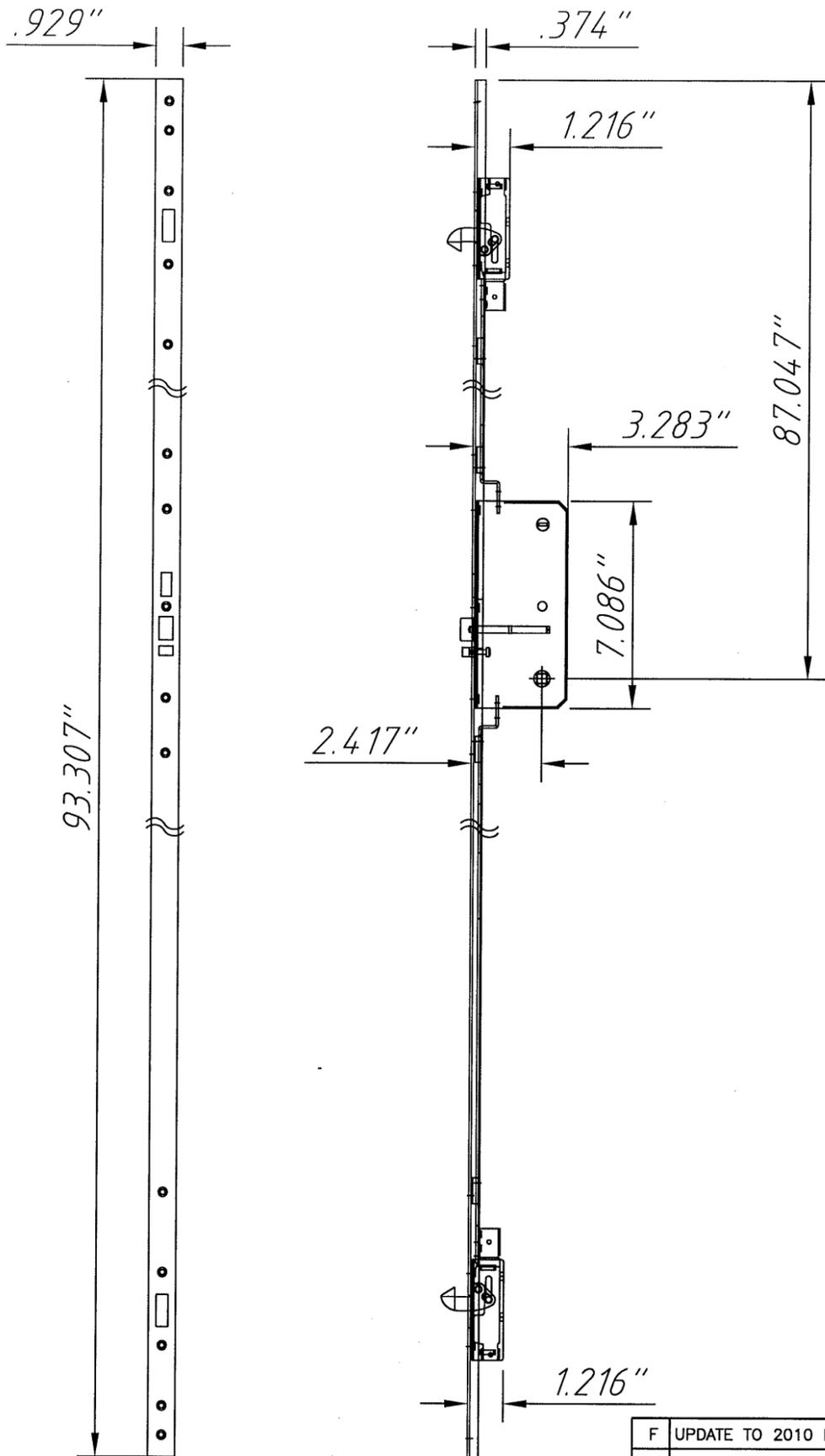
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NAN YA PLASTICS CORPORATION  
8989 NORTH LOOP EAST, HOUSTON TX. 77029

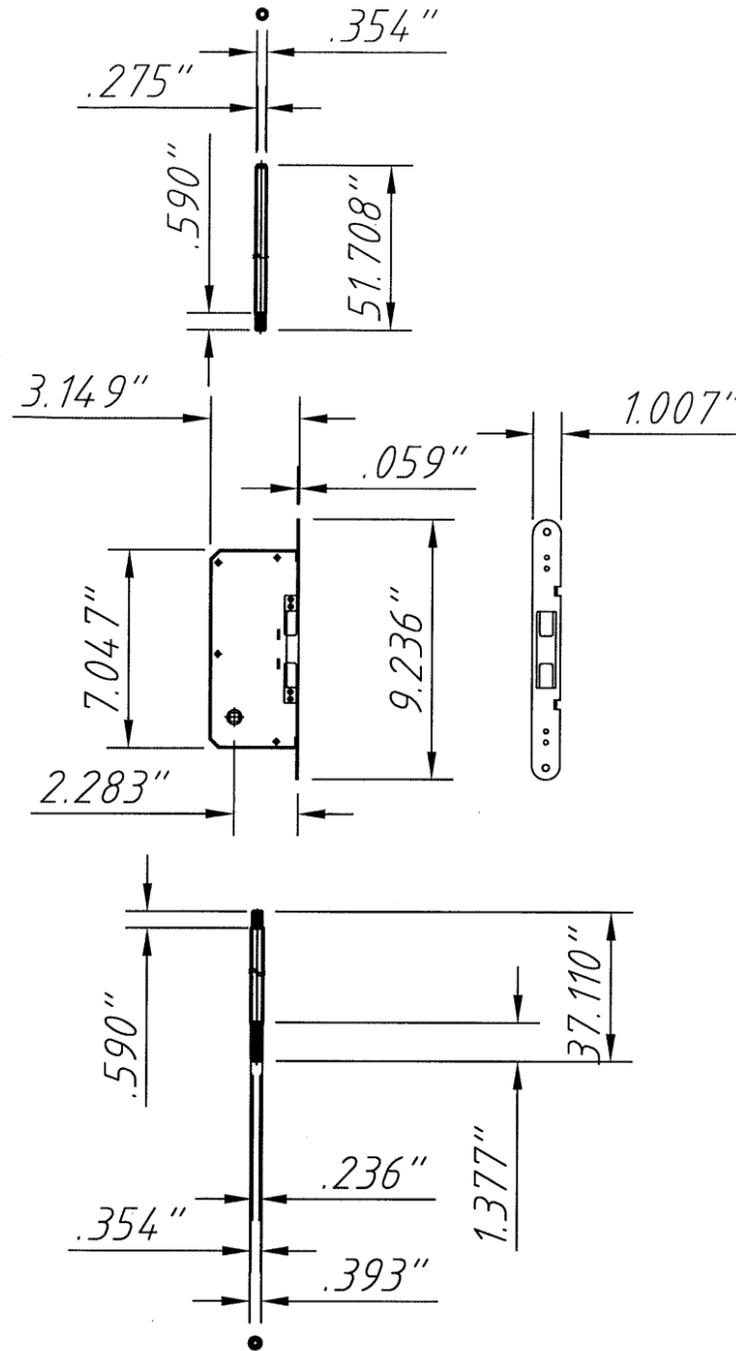
TITLE: 8' FIBERGLASS INSWING PATIO DOORS (XXX, XX)  
BILL OF MATERIALS AND GLAZING DETAIL

PREPARED BY: <b>PTC</b> PTC PRODUCT DESIGN GROUP, LLC	DRN: DRL	DATE: 04/03/06
SCALE: N.T.S.	DWG. NO: NAYT0002	
REV: F	SHEET: 8 OF 9	

PRODUCT REVISED  
as complying with the Florida  
Building Code  
Acceptance No. **12-0612.18**  
Expiration Date **08/31/2016**  
By *[Signature]*  
Miami Dade Product Control



37 MULTI-POINT LOCK



38 IMPACT PANEL BAR SYSTEM

PRODUCT REVISED  
 as complying with the Florida  
 Building Code  
 Acceptance No. **12-0612.18**  
 Expiration Date **02/3/2016**  
 By *[Signature]*  
 Miami Dade Product Control

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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

*[Handwritten Signature]*  
 4/25/12

PTC PRODUCT DESIGN GROUP, LLC  
 8989 NORTH LOOP EAST, HOUSTON TX. 77029

TITLE: **IS THIS UNIT TO BE GLASS SWING PATIO DOORS (XXX, XX) LOCKING COMPONENT DETAILS**

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.:	NAYT0002
REV:	F	SHEET:	9 OF 9