



MIAMI-DADE COUNTY, FLORIDA
 PRODUCT CONTROL SECTION
 11805 S.W. 26th Street, Room 208
 Miami, Florida 33175-2474
 T (786) 315-2590 F (786) 315-2599
<http://www.miamidade.gov/economy/>

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 Twin Mulled Fiberglass Fixed Panels – L.M.I.

APPROVAL DOCUMENT: Drawing No. NAN0016, titled "Impact Twin Mulled Fixed Lite Panels", sheets 01 through 07 of 07, dated 11/07/08, with revision "C" dated 04/16/14, prepared by PTC, LLC, signed and sealed by Robert James Amoruso, P. E., bearing the Miami-Dade County Product Control Section Renewal 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

LIMITATION:

1. Rail items No.'s 16 and 15 must be full panel width and stiles No.17 must be full panel length.

LABELING: Each unit shall bear a permanent label with the manufacturer's name or logo, city, state, series, and following statement: "Miami-Dade County Product Control Approved", unless otherwise noted herein.

REVISION 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 renews NOA No. 12-0612.07 and consists of this page 1 and evidence pages E-1, E-2, E-3 and E-4, as well as approval document mentioned above.

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



*J. Gascon
8/18/14*

NOA No. 14-0506.03
 Expiration Date: April 29, 2019
 Approval Date: August 28, 2014
 Page 1

Nan Ya Plastics Corporation USA

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

A. DRAWINGS

1. Manufacturer's die drawings and sections.
(Submitted under previous NOA No. 08-1118.09)
2. Drawing No. NAN0016, titled "Impact Twin Muller Fixed Lite Panels", sheets 01 through 07 of 07, dated 11/07/08, with revision "C" dated 04/16/14, 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 202-94

along with marked-up drawings and installation diagram of Fiberglass muller Fixed panels (O-O) and Fixed sidelite w/ Doors (O-XXX), prepared by Certified Testing Laboratories, Inc., Test Reports No.'s CTLA 1780W-1 and CTLA 1780W-2, both dated 03/06/08, signed and sealed by Ramesh Patel, P. E.

(Submitted under previous NOA No. 08-1118.09)

C. CALCULATIONS

1. Anchor calculations and structural analysis, complying with FBC, prepared by PTC Engineering, Inc., dated 03/05/09, signed and sealed by Paul E. Winter, P. E.
(Submitted under previous NOA No. 08-1118.09)
2. Complies with ASTM E1300-04/ 09

D. QUALITY ASSURANCE

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

E. MATERIAL CERTIFICATIONS

1. Notice of Acceptance No. 12-1231.08 issued to Eastman Chemical Company (MA) for their "Saflex CP - Saflex and Saflex HP Composite Glass Interlayers with PET Core" dated 03/28/13, expiring on 12/11/18.
2. Test Report No. ETC-06-255-17412.1, prepared by ETC Laboratories, dated 04/25/06, re-issued on 06/28/06 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. 08-1118.09)



Jaime D. Gascon, P. E.
Product Control Section Supervisor
NOA No. 14-0506.03
Expiration Date: April 29, 2019
Approval Date: August 28, 2014

Nan Ya Plastics Corporation USA

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

E. MATERIAL CERTIFICATIONS (CONTINUED)

3. 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. 08-1118.09)
4. 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. 08-1118.09)
5. Test report No. **ETC-05-255-16776.0**, prepared by ETC Laboratories, dated 01/04/06, issued by Nan Ya Plastics Corporation USA, for their SMC (P/N: ETC05033) Standard Test Method for Ignition Properties of Plastics per ASTM D 1929-96, Standard Test Method for Density of Smoke from the Burning or Decomposition of Plastics per ASTM D 2843-99, Standard Test Method for Rate of Burning and/or Extent and Time of Burning of Self-Supporting Plastics in a Horizontal Position per ASTM D 635-98, Standard Test Methods for Tensile Properties of Plastics per ASTM D 638-03, signed and sealed by Joseph Labora Doldan, P. E.
(Submitted under previous NOA No. 08-1118.09)
6. 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. 08-1118.09)



Jaime D. Gascon, P. E.
Product Control Section Supervisor
NOA No. 14-0506.03
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NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

E. MATERIAL CERTIFICATIONS (CONTINUED)

7. Test Report No. **ETC-05-255-17900.0**, prepared by ETC Laboratories, dated 06/28/06, issued by Nan Ya Plastics Corporation USA, for their Phenolic Foam Board (P/N: ETC06013), Ignition Properties of Plastics per ASTM D1929-96, signed and sealed by Joseph L. Doldan, P. E.

(Submitted under previous NOA No. 08-1118.09)

8. Test Report No. **ETC-06-255-17412.0**, prepared by ETC Laboratories, dated 04/25/06, issued by Nan Ya Plastics Corporation USA, for their Phenolic Foam Board (P/N ETC06013), Standard Test Method for Surface Burning Characteristics of Building Materials per ASTM E84-05, signed and sealed by Joseph Labora Doldan, P. E.

(Submitted under previous NOA No. 08-1118.09)

F. STATEMENTS

1. Statement letter of no financial interest, conformance to and complying with **FBC 5th Edition (2014)**, issued by PTC, LLC, dated 04/17/14, signed and sealed by Robert J. Amoruso, P. E.

2. Statement letter of no financial interest, conformance to and complying with **FBC-2010**, issued by PTC, LLC, dated 04/25/12, signed and sealed by Robert J. Amoruso, P. E.

(Submitted under previous NOA No. 12-0612.07)

3. Statement letter for standard equivalency of ASTM D635-98/ 03 conforming to **FBC-2010** for above-referenced test reports by Certified Testing Laboratories, Inc., issued by PTC, LLC, dated 09/04/2012, signed and sealed by Robert James Amoruso, P. E.

(Submitted under previous NOA No. 12-0612.07)

4. Laboratory addendum letters for Test Reports No.'s **CTLA 1780W-1** and **CTLA 1780W-2**, dated 02/25/09, issued by Certified Testing Laboratories, Inc., all signed and sealed by Ramesh Patel, P. E.

(Submitted under previous NOA No. 08-1118.09)

5. Laboratory compliance letter for Test Reports No.'s **CTLA 1780W-1**, and **CTLA 1780W-2**, issued by Certified Testing Laboratories, Inc., both dated 03/06/08, signed and sealed by Ramesh Patel, P. E.

(Submitted under previous NOA No. 08-1118.09)

7. Certificate of Authority dated 05/23/83, to transact business, issued to Nan Ya Plastics Corporation, U.S.A. issued by the State of Texas, signed by Secretary of State.

(Submitted under previous NOA No. 08-1118.09)



Jaime D. Gascon, P. E.
Product Control Section Supervisor
NOA No. 14-0506.03
Expiration Date: April 29, 2019
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Nan Ya Plastics Corporation USA

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

F. STATEMENTS (CONTINUED)

8. Certificate of Authority dated 07/12/79, to transact business, issued to Nan Ya Plastics Corporation USA issued by the State of Delaware, signed by Secretary of State.
(Submitted under previous NOA No. 08-1118.09)
6. Laboratory compliance letters for Test Reports No.'s ETC-06-255-17412.1, dated 02/15/08, ETC-05-255-17144.0, dated 07/03/08, ETC-05-255-16776.1, dated 07/06/06, ETC-06-255-17412.0, dated 04/25/06, ETC-05-255-16776.0, dated 01/04/06, ETC-05-255-17900.0, dated 06/28/06 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. 08-1118.09)
7. Proposal No. 07-3867, issued by Product Control, dated 11/27/06, signed by Ishaq Chanda, P. E.
(Submitted under previous NOA No. 08-1118.09)

G. OTHERS

1. Notice of Acceptance No. 12-0612.07, issued to Nan Ya Plastics Corporation USA for their Series "Nan Ya Series Twin Milled Fiberglass Fixed Panels - L.M.I.", approved on 10/04/12 and expiring on 04/29/14.



Jaime D. Gascon, P. E.
Product Control Section Supervisor
NOA No. 14-0506.03
Expiration Date: April 29, 2019
Approval Date: August 28, 2014

NAN YA PLASTICS CORP.

IMPACT TWIN MULLED FIXED LITE PANELS

INSTALLATION ANCHORAGE DETAILS

GENERAL NOTES:

1. THE PRODUCT ANCHORAGE SHOWN HEREIN IS DESIGNED TO COMPLY WITH THE CURRENT EDITION OF THE FLORIDA BUILDING CODE (FBC), INCLUDING HIGH VELOCITY HURRICANE ZONE (HVHZ) REQUIREMENTS, AND AT THE DESIGN PRESSURES STATED HEREIN. ▲
2. THE PRODUCT DETAILS CONTAINED HEREIN ARE BASED UPON SIGNED AND SEALED TEST REPORTS # CTLA 1780W-1 DATED 03/06/08 AND ASSOCIATED LABORATORY STAMPED DRAWINGS. ▲
3. ADEQUACY OF THE EXISTING STRUCTURAL CONCRETE MASONRY AND 2X FRAMING AS A MAIN WIND FORCE RESISTING SYSTEM CAPABLE OF WITHSTANDING AND TRANSFERRING APPLIED PRODUCT LOADS TO THE STRUCTURE IS THE RESPONSIBILITY OF THE ENGINEER OR ARCHITECT OF RECORD AND TO BE REVIEWED BY AUTHORITY HAVING JURISDICTION (AHJ). ▲
4. 1X AND 2X BUCKS (WHEN USED) SHALL BE DESIGNED AND ANCHORED TO PROPERLY TRANSFER ALL LOADS TO THE STRUCTURE. BUCK DESIGN AND INSTALLATION IS THE RESPONSIBILITY OF THE ENGINEER OR ARCHITECT OF RECORD AND TO BE REVIEWED BY AUTHORITY HAVING JURISDICTION (AHJ). ▲
5. THE INSTALLATION DETAILS DESCRIBED HEREIN ARE GENERIC AND MAY NOT REFLECT ACTUAL CONDITIONS FOR A SPECIFIC SITE. IF SITE CONDITIONS CAUSE INSTALLATION TO DEVIATE FROM THE REQUIREMENTS DETAILED HEREIN, THEN THE BUILDING OFFICIAL MAY ELECT ONE OF THE FOLLOWING OPTIONS:
 - A. OUTSIDE HVHZ: REQUIRE THAT A LICENSED ENGINEER OR ARCHITECT PREPARE AND SUBMIT SITE SPECIFIC DOCUMENTS FOR USE WITH THIS DOCUMENT TO BE REVIEWED BY AUTHORITY HAVING JURISDICTION (AHJ). ▲
 - B. INSIDE HVHZ: REQUIRE THAT A ONE-TIME SITE SPECIFIC APPROVAL BE APPLIED FOR AND OBTAINED FROM THE MIAMI-DADE COUNTY BUILDING AND NEIGHBORHOOD COMPLIANCE DEPARTMENT, PRODUCT CONTROL SECTION.

6. IN AREAS WHERE WIND-BORNE DEBRIS PROTECTION REQUIREMENTS EXIST, USE OF AN APPROVED IMPACT PROTECTIVE SYSTEM IS NOT REQUIRED.
7. DOOR FRAME AND PANEL MATERIAL: FOAM CORE W/ SMC FIBERGLASS SKIN ▲
8. GLASS MEETS THE REQUIREMENTS OF ASTM E1300-04e1. SEE SHEET 3 FOR GLAZING DETAIL.
9. DESIGNATION "O" STANDS FOR THE FOLLOWING:
O: FIXED PANEL
10. A 1/3 INCREASE IN ALLOWABLE STRESS FOR WIND LOADS WAS NOT USED IN THE DESIGN OF THE PRODUCT(S) SHOWN HEREIN. WIND LOAD DURATION FACTOR (Cd = 1.6) HAS BEEN USED FOR WOOD ANCHOR DESIGN.

INSTALLATION NOTES:

1. ONE (1) INSTALLATION ANCHOR IS REQUIRED AT EACH ANCHOR LOCATION SHOWN.
2. THE NUMBER OF INSTALLATION ANCHORS DEPICTED IS THE MINIMUM NUMBER OF ANCHORS TO BE USED FOR PRODUCT INSTALLATION. ANCHORS ARE TO MATCH TYPE, SIZE AND EMBEDMENT OF THOSE SHOWN HEREIN FOR RESPECTIVE SUBSTRATE.
3. SHIM AS REQUIRED AT EACH INSTALLATION ANCHOR WITH LOAD BEARING SHIM(S). MAXIMUM ALLOWABLE SHIM SIZE IS 1/4 INCH. SHIM WHERE SPACE OF 1/16 INCH OR GREATER OCCURS. SHIM(S) SHALL BE CONSTRUCTED OF HIGH DENSITY PLASTIC OR BETTER.
4. FOR INSTALLATION INTO WOOD FRAMING, USE #12 WOOD SCREWS OF SUFFICIENT LENGTH TO ACHIEVE 1-1/2 INCH MINIMUM EMBEDMENT. MINIMUM EDGE DISTANCE IS 3/4 INCH. USE #12 WOOD SCREWS FOR MULLION CLIPS WITH 1-1/2 INCH MINIMUM EMBEDMENT. MINIMUM EDGE DISTANCE IS 7/8 INCH.
5. FOR INSTALLATION THROUGH 1X BUCK (TO BE PROPERLY SECURED) TO CONCRETE / MASONRY, USE 1/4 INCH ITW TAPCONS OF SUFFICIENT LENGTH TO ACHIEVE 1 1/4 INCH MINIMUM EMBEDMENT. MINIMUM EDGE DISTANCE IS 2 5/8 INCHES. USE 5/16 INCH ITW TAPCONS FOR ANCHORS THROUGH MULLION CLIPS WITH 1-1/4 INCH MINIMUM EMBEDMENT. MINIMUM EDGE DISTANCE IS 4 INCHES ▲
6. MINIMUM EMBEDMENT AND EDGE DISTANCE EXCLUDE WALL FINISHES (INCLUDING BUT NOT LIMITED TO STUCCO, FOAM, BRICK VENEER AND SIDING).
7. INSTALLATION ANCHORS AND ASSOCIATED HARDWARE MUST BE MADE OF CORROSION RESISTANT MATERIAL OR HAVE A CORROSION RESISTANT COATING.
8. FOR HOLLOW BLOCK AND GROUT FILLED BLOCK, DO NOT INSTALL INSTALLATION ANCHORS INTO MORTAR JOINTS. EDGE DISTANCE IS MEASURED FROM FREE EDGE OF BLOCK OR EDGE OF MORTAR JOINT INTO FACE SHELL OF BLOCK.
9. INSTALLATION ANCHORS SHALL BE INSTALLED IN ACCORDANCE WITH ANCHOR MANUFACTURER'S INSTALLATION INSTRUCTIONS AND ANCHORS SHALL NOT BE USED IN SUBSTRATES WITH STRENGTHS LESS THAN THE MINIMUM STRENGTH SPECIFIED BY THE ANCHOR MANUFACTURER.
10. INSTALLATION ANCHOR CAPACITIES FOR PRODUCTS HEREIN ARE BASED ON SUBSTRATE MATERIALS WITH THE FOLLOWING PROPERTIES:
 - A. WOOD - PT SOUTHERN YELLOW PINE, MINIMUM SPECIFIC GRAVITY OF 0.55.
 - B. CONCRETE - MINIMUM COMPRESSIVE STRENGTH OF 3192 psi AND COMPLIES WITH ACI 301.
 - C. MASONRY - STRENGTH CONFORMANCE TO ASTM C-90.

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SHEET	SHEET DESCRIPTION
1	GENERAL AND INSTALLATION NOTES
2	ELEVATIONS AND ANCHOR LAYOUTS
3	VERTICAL SECTIONS & GLAZING DETAIL
4	VERTICAL SECTIONS & CORNER DETAIL
5	HORIZONTAL SECTIONS
6	HORIZONTAL SECTIONS & BILL OF MATERIALS
7	COMPONENTS

DESIGN PRESSURE RATING (PSF)		IMPACT RATING
WHERE WATER INFILTRATION REQUIREMENT IS NEEDED	WHERE WATER INFILTRATION REQUIREMENT IS NOT NEEDED	LARGE MISSILE IMPACT
±70.0	±70.0	

PROJECT NO. 414-0110			
C	UPDATE TO 2014 FBC	04/16/14	RJA
B	UPDATE TO 2010 FBC	04/16/12	TJH
A	PER MIAMI DADE COMMENT'S DATED 01/11/09	03/03/09	SMC
REV	DESCRIPTION	DATE	BY

NAN YA PLASTICS CORP.
6 FL, 201 HWA N. ROAD
TAIPEI, TAIWAN

IMPACT TWIN MULLED FIXED LITE PANELS
GENERAL AND INSTALLATION NOTES

DRAWN BY: BB
SCALE: N.T.S.
DATE: 11/07/08
DRAWING NO: NAN0016
SHEET: 1 OF 7

FIC

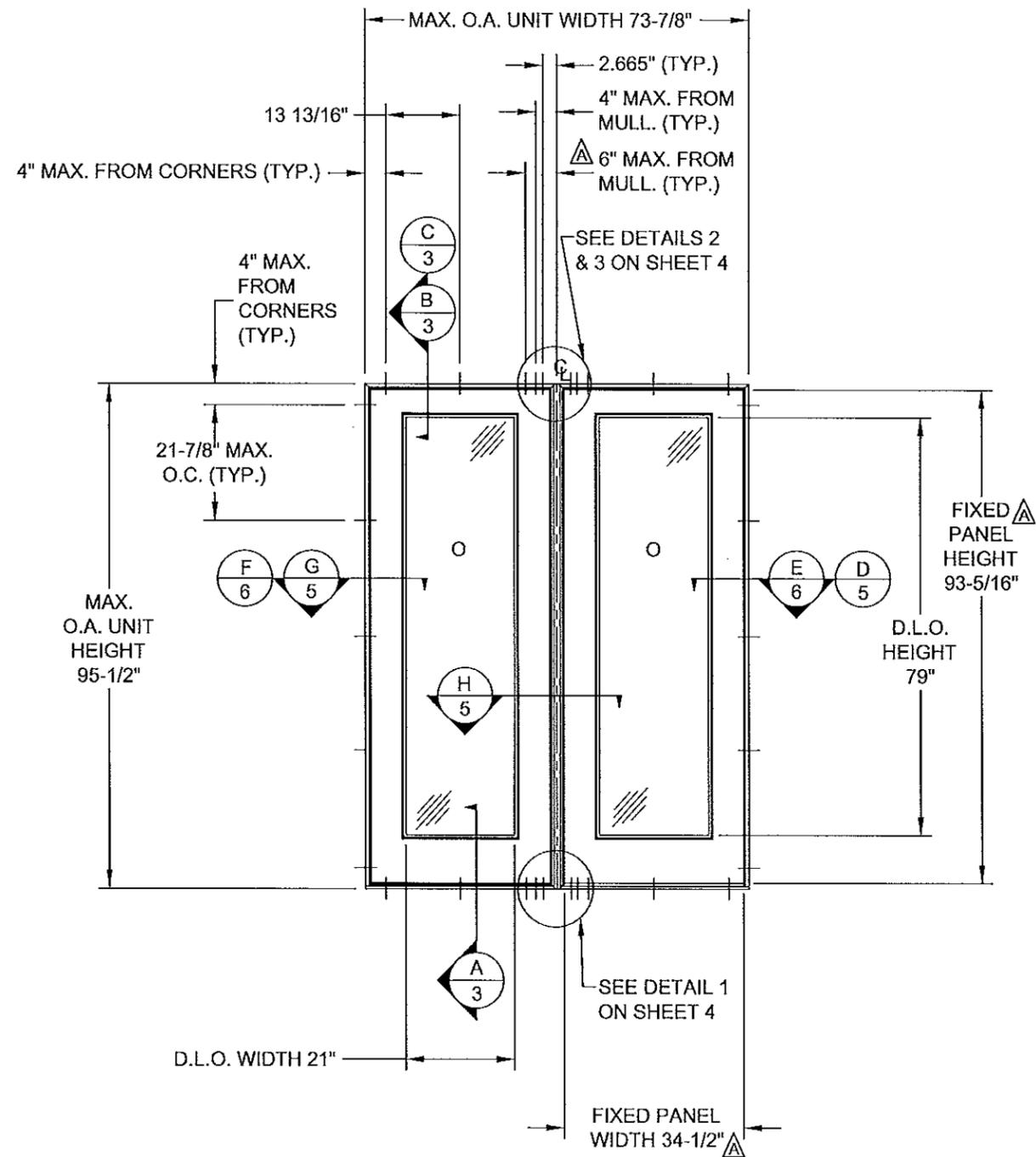
PTC PRODUCT DESIGN GROUP, LLC
PO BOX 520775
LONGWOOD, FLORIDA 32752
PHONE: 321.684.1786
FAX: 321.684.1785
EMAIL: eng@pdcgrp.com

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

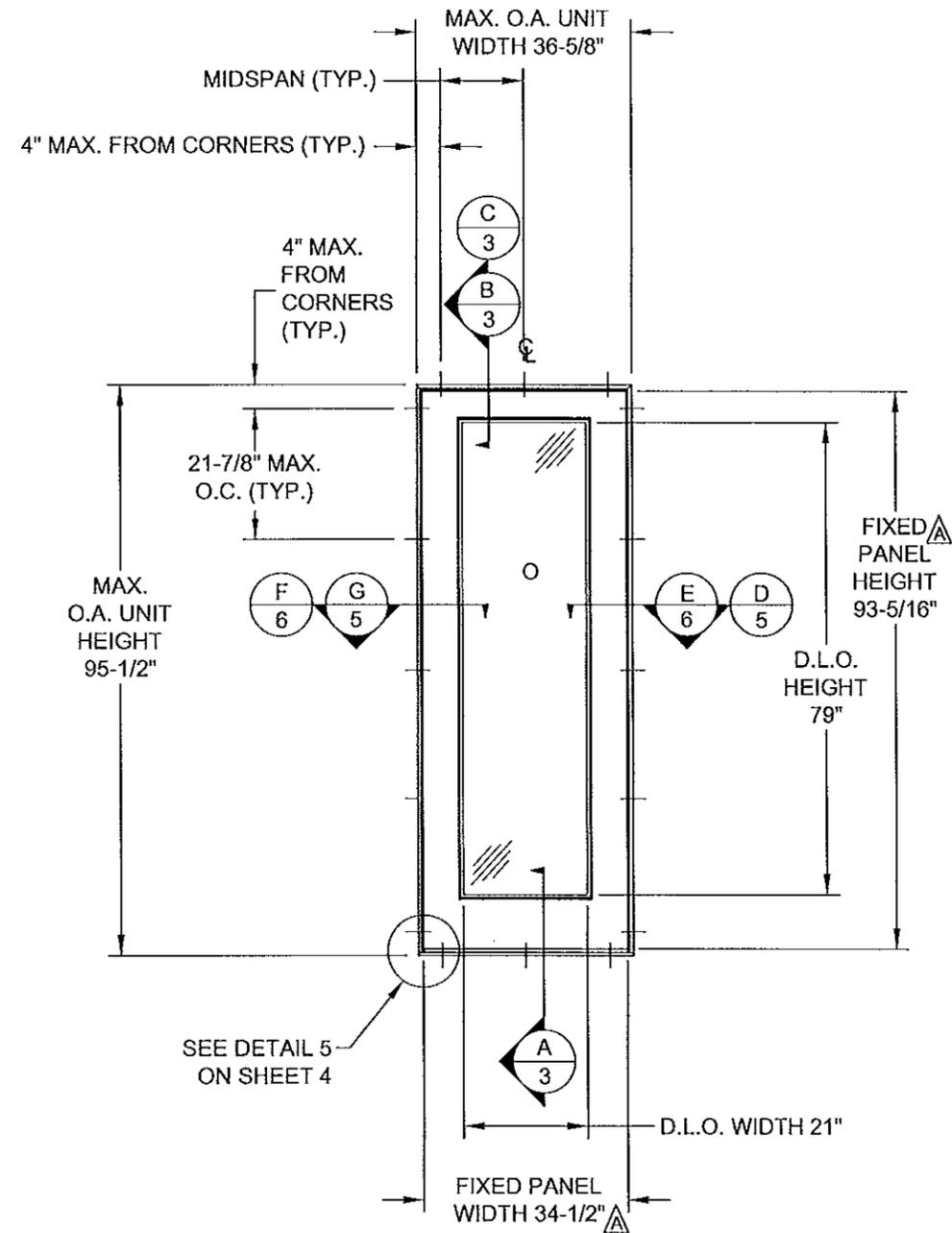
4/17/14

PRODUCT RENEWED as complying with the Florida Building Code 14-0506.03 Acceptance No. 14-0506-03 Expiration Date 04/29/2019

By: *[Signature]*
Miami Dade Product Control



ELEVATION AND ANCHOR LAYOUT
EXTERIOR VIEW



ELEVATION AND ANCHOR LAYOUT
EXTERIOR VIEW

PROJECT NO. 414-0110

C	UPDATE TO 2014 FBC	04/16/14	RJA
B	UPDATE TO 2010 FBC	04/16/12	TJH
A	PER MIAMI DADE COMMENTS DATED 01/11/09	03/03/09	SMC
REV	DESCRIPTION	DATE	BY

NAN YA PLASTICS CORP.
6 FL, 201 HWA N. ROAD
TAIPEI, TAIWAN

IMPACT TWIN MULLED FIXED LITE PANELS
ELEVATIONS & ANCHOR LAYOUTS

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

DATE: 11/07/08
DRAWING NO: NAN0016
SHEET: 2 OF 7

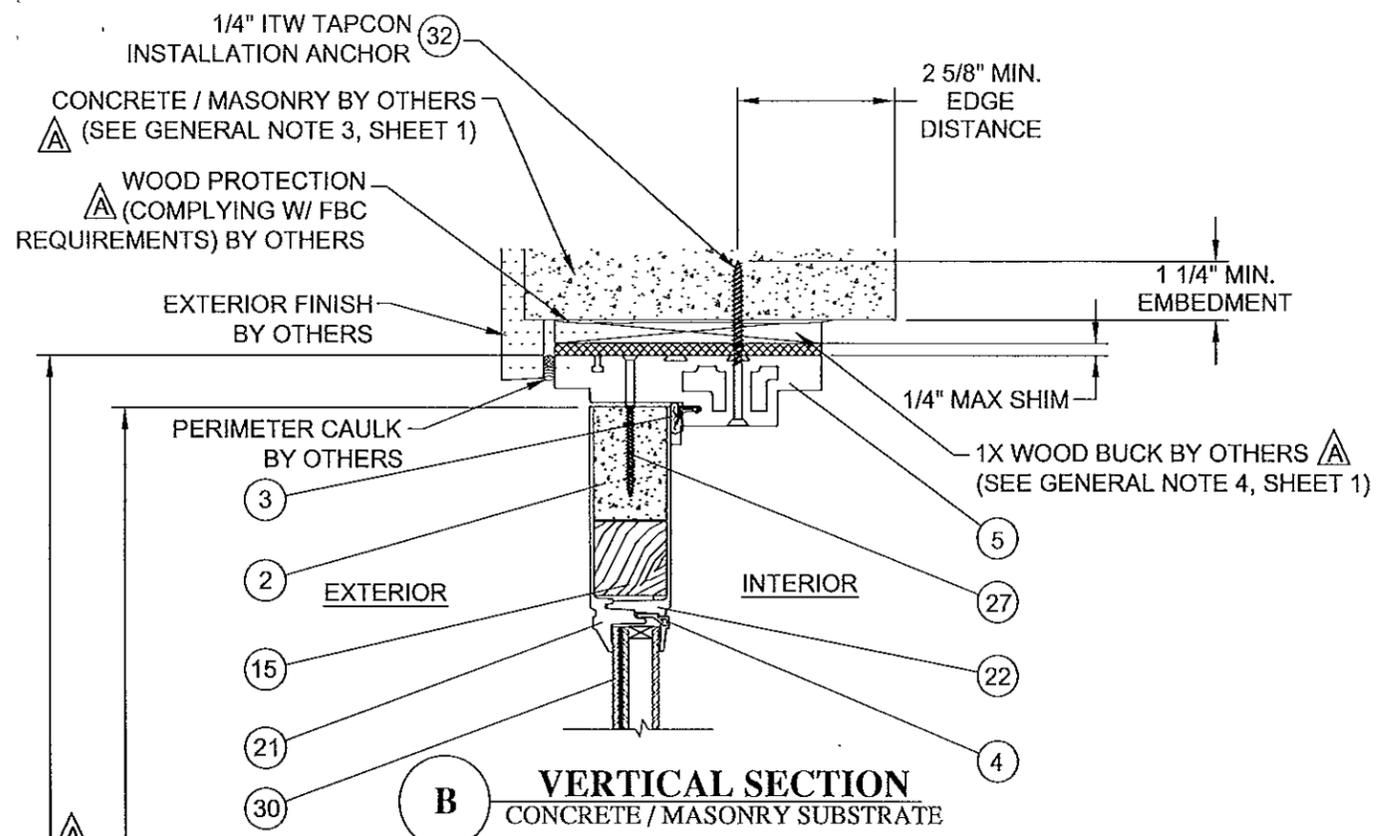
PTC PRODUCT DESIGN GROUP, LLC
PO BOX 690775
LONGWOOD, FLORIDA 32752
Phone: 321.860.1788
Fax: 321.860.1789
Email: info@plc-corp.com
FBPE CAL. NO. 2585

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

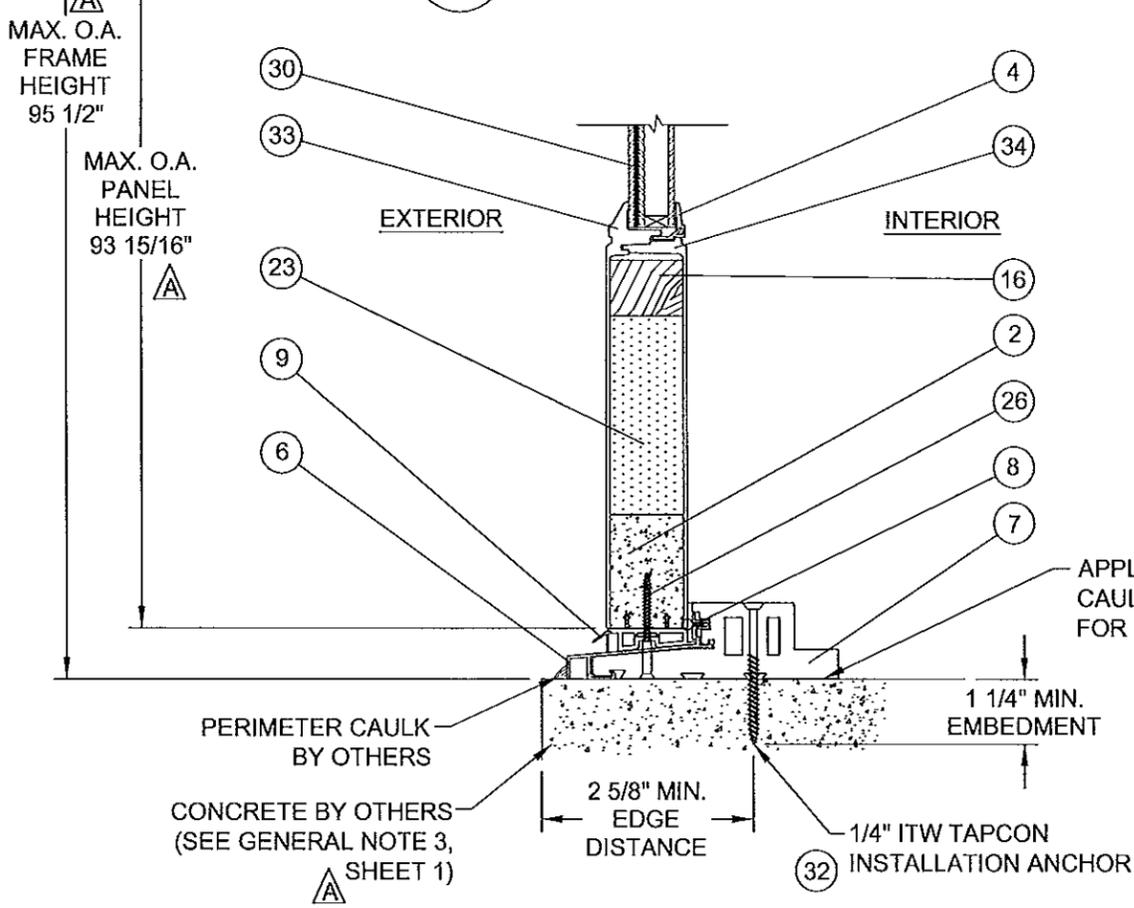
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PRODUCT RENEWED
in compliance with the Florida
Building Code 14-0506.03
Authority No. 0412912019

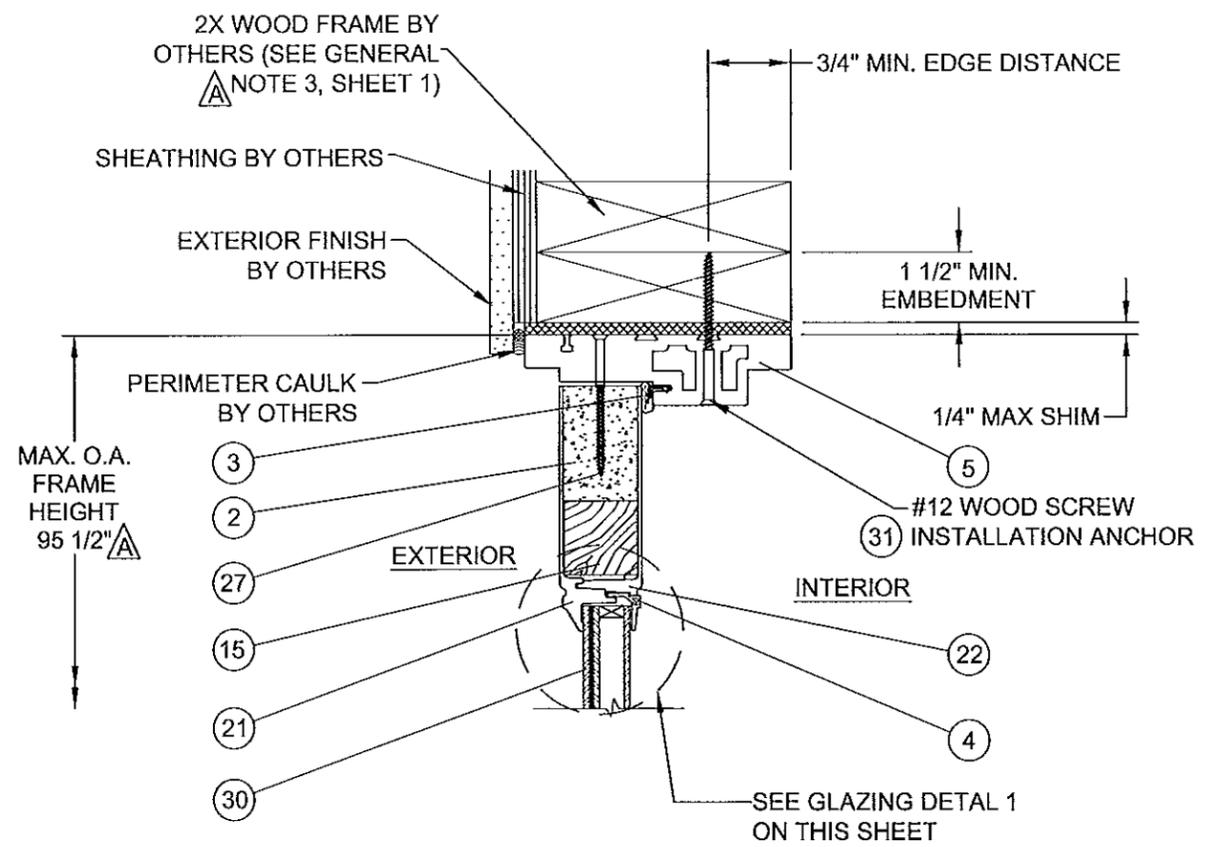
By *[Signature]*
Miami Dade Product Control



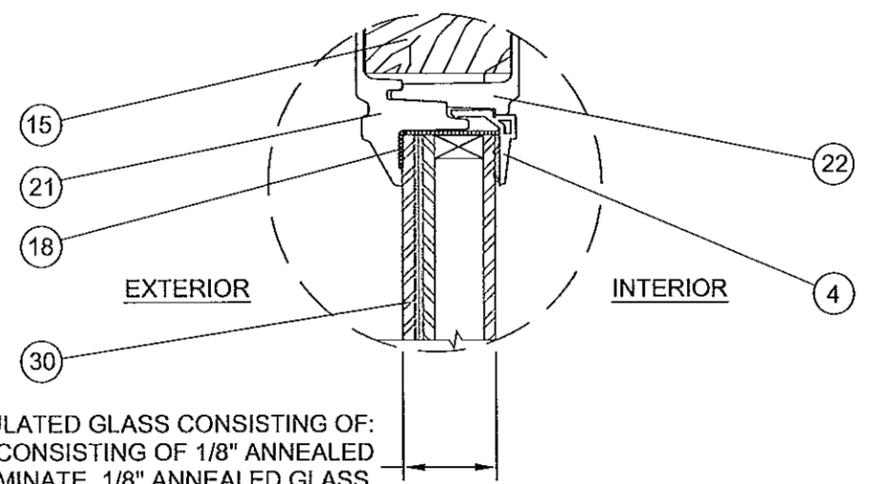
B VERTICAL SECTION
CONCRETE / MASONRY SUBSTRATE



A VERTICAL SECTION
CONCRETE SUBSTRATE



C VERTICAL SECTION
WOOD FRAME SUBSTRATE



GLAZING DETAIL 1

CARDINAL 1" O.A. LAMINATED INSULATED GLASS CONSISTING OF:
AN EXTERIOR LAMINATED GLASS CONSISTING OF 1/8" ANNEALED
GLASS, 0.090" PVB LAMINATE, 1/8" ANNEALED GLASS,
1/2" STAINLESS STEEL SPACER, 1/8" TEMPERED INTERIOR GLASS

APPLY 1/2" CONTINUOUS BEAD OF SILICONE
CAULKING BETWEEN SILL AND CONCRETE
FOR FULL LENGTH OF SILL.

PROJECT NO. 414-0110

C	UPDATE TO 2014 FBC	04/16/14	RJA
B	UPDATE TO 2010 FBC	04/16/12	TJH
A	PER MIAMI DADE COMMENTS DATED 01/11/09	03/03/09	SMC
REV	DESCRIPTION	DATE	BY

NAN YA PLASTICS CORP.
6 FL, 201 HWA N. ROAD
TAIPEI, TAIWAN

IMPACT TWIN MULLED FIXED LITE PANELS
VERTICAL SECTIONS & GLAZING DETAIL

DATE: 11/07/08
DRAWING NO: NANO016
SCALE: N.T.S.
REV: C

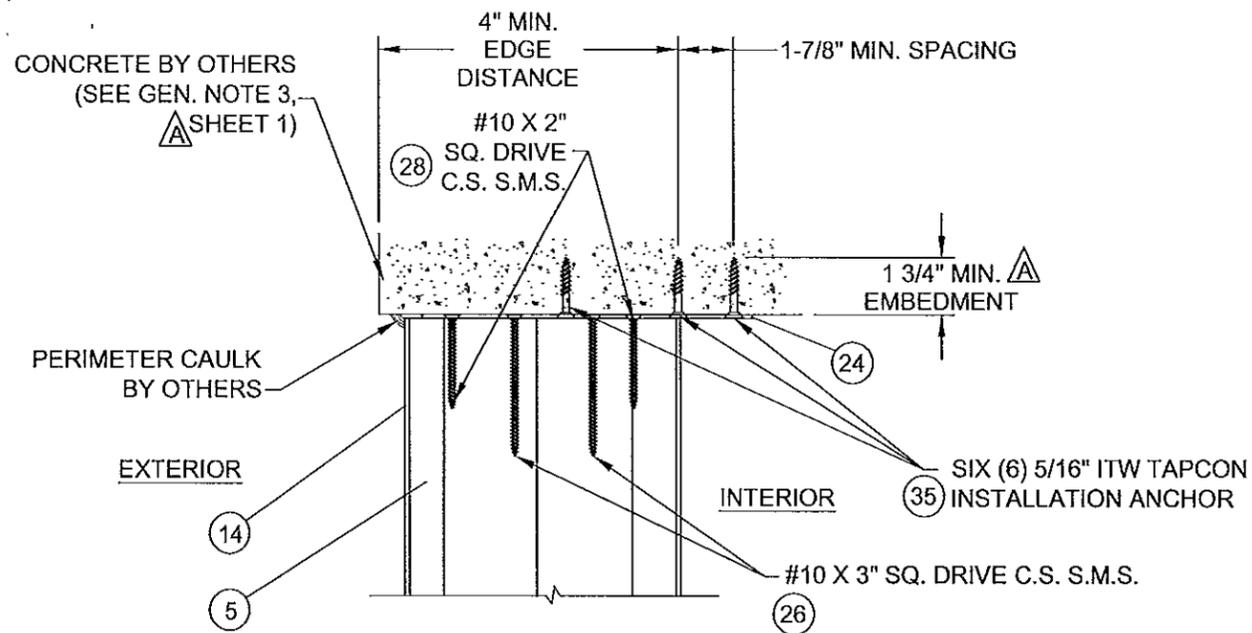
PREPARED BY: BB
DRAWN BY: BB
DATE: 11/07/08

PTC
PTC PRODUCT DESIGN GROUP, LLC
LONGWOOD, FLORIDA 32762
PHONE: 321.880.1788
FAX: 321.880.1788
EMAIL: info@ptc-corp.com

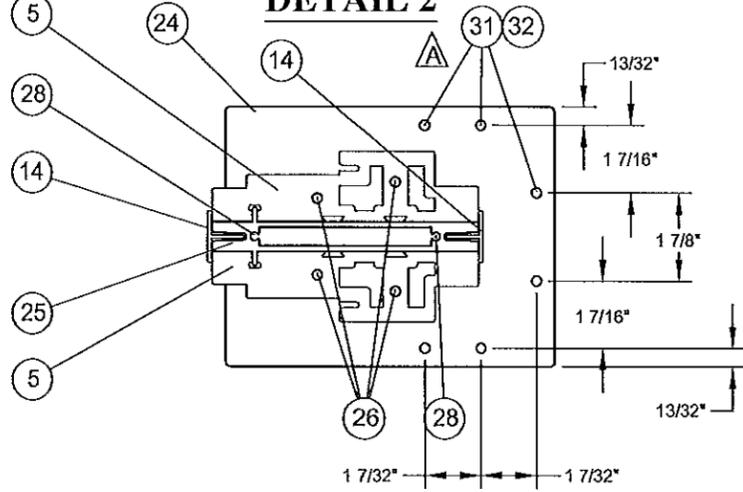
Robert J. Amoroso, P.E.
FL P.E. No. 49752

Handwritten signature and date: 11/14/14

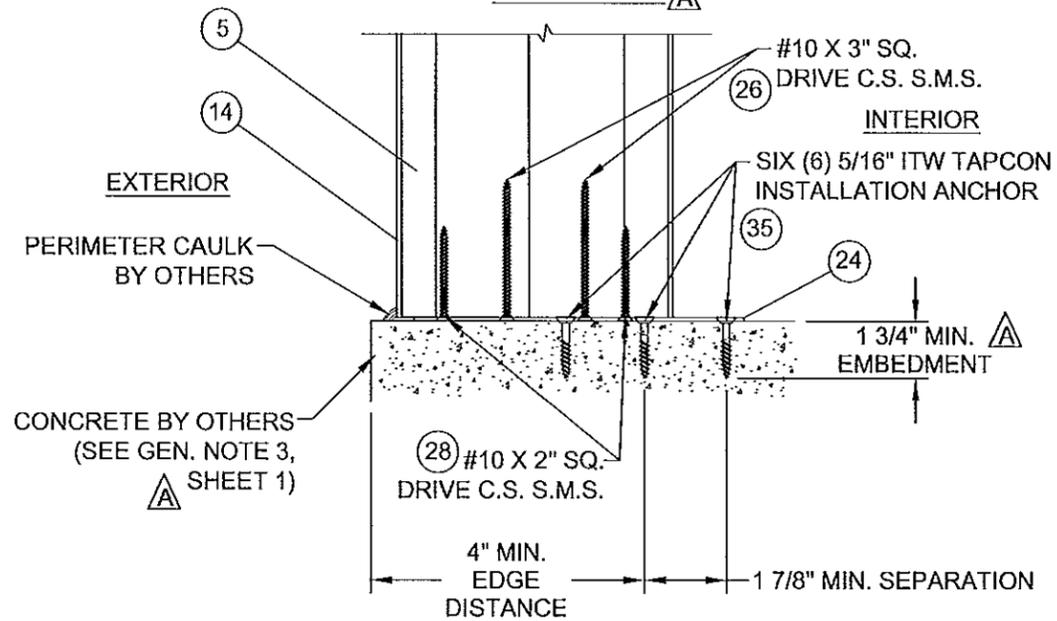
PRODUCT RENEWED
in compliance with the Florida
Building Code
14-0506.03
Adoption Date: 04/29/2019
Handwritten signature and date: 04/29/2019



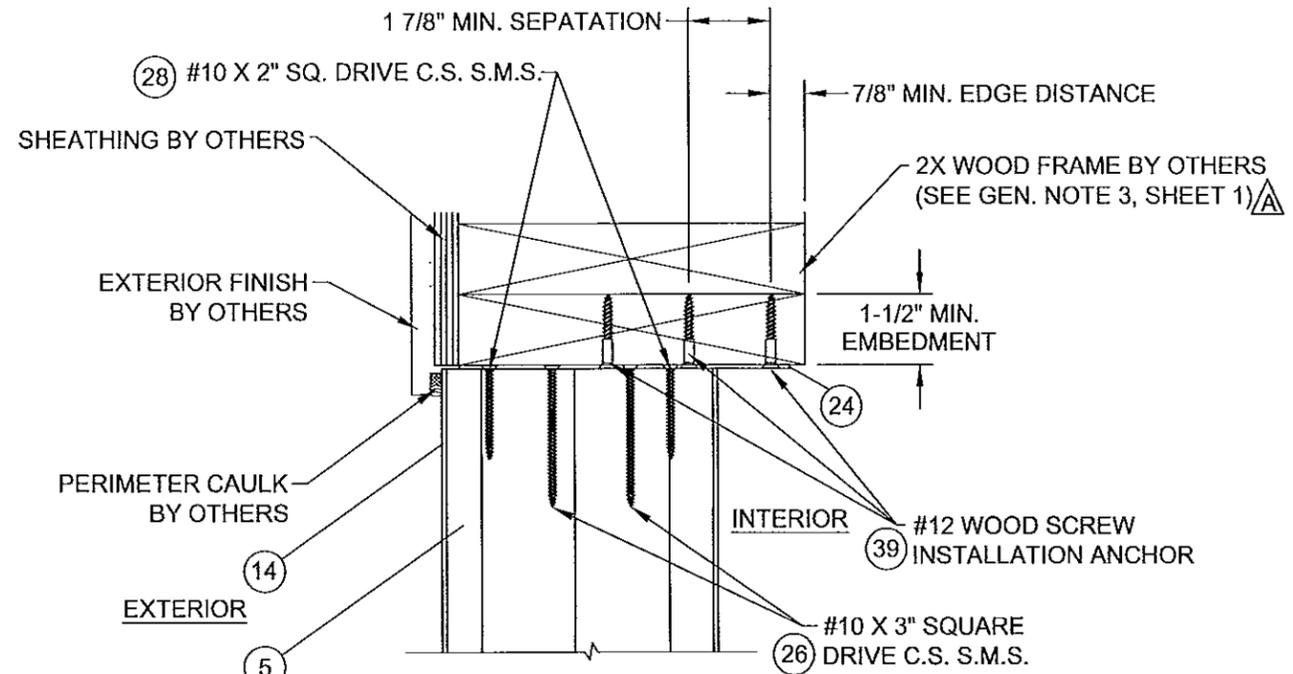
DETAIL 2



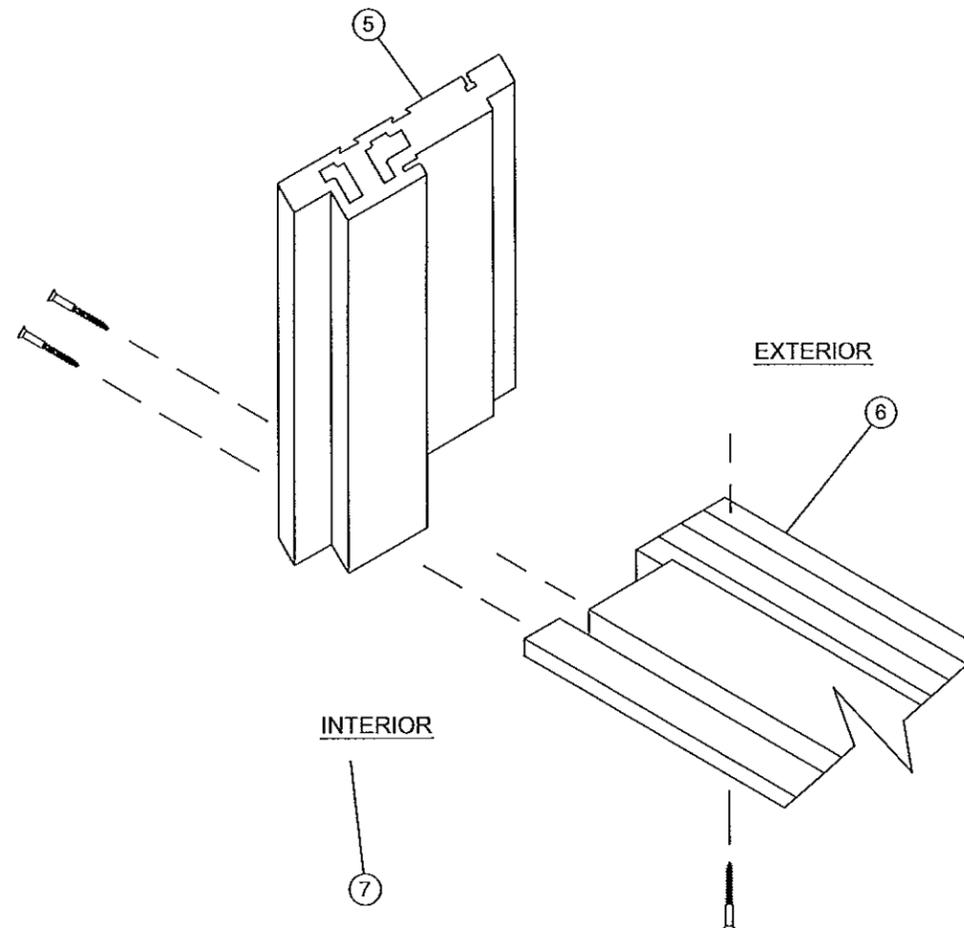
DETAIL 4



DETAIL 1



DETAIL 3



PROJECT NO. 414-0110

C	UPDATE TO 2014 FBC	04/16/14	RJA
B	UPDATE TO 2010 FBC	04/16/12	TJH
A	PER MIAMI DADE COMMENTS DATED 01/11/09	03/03/09	SMC
REV	DESCRIPTION	DATE	BY

NAN YA PLASTICS CORP.
6 FL, 201 HWA N. ROAD
TAIPEI, TAIWAN

IMPACT TWIN MULLED FIXED LITE PANELS VERTICAL SECTIONS

DATE: 11/07/08
DRAWING NO: NAN0016
SCALE: N.T.S.
SHEET: 4 OF 7

PREPARED BY: BB
DRAWN BY: BB
SCALE: N.T.S.
REV: C

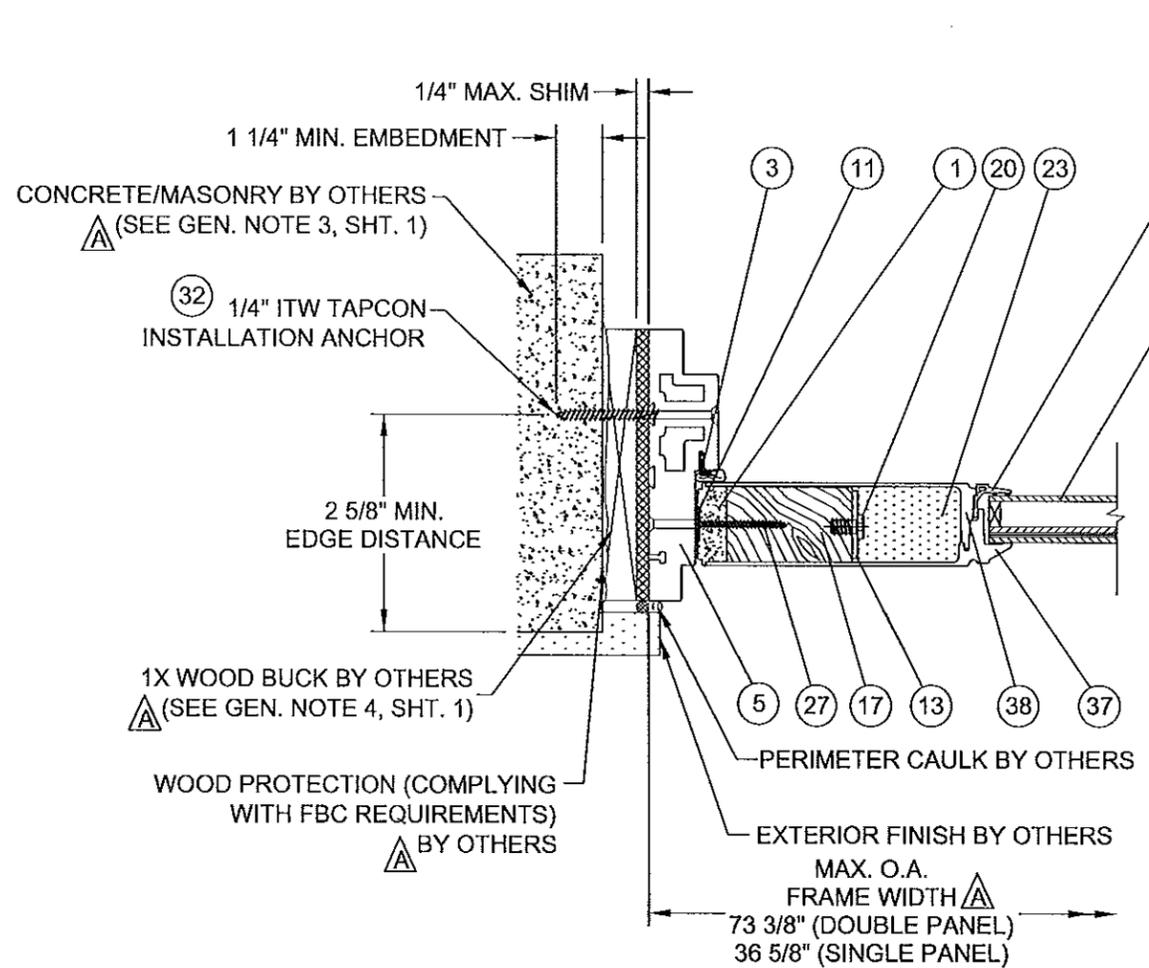
PTC
PTC PRODUCT DESIGN GROUP, LLC
PO BOX 660775
LONG BEACH, CA 90806
Phone: 321.880.1788
Fax: 321.880.1789
Email: info@ptc-corp.com

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

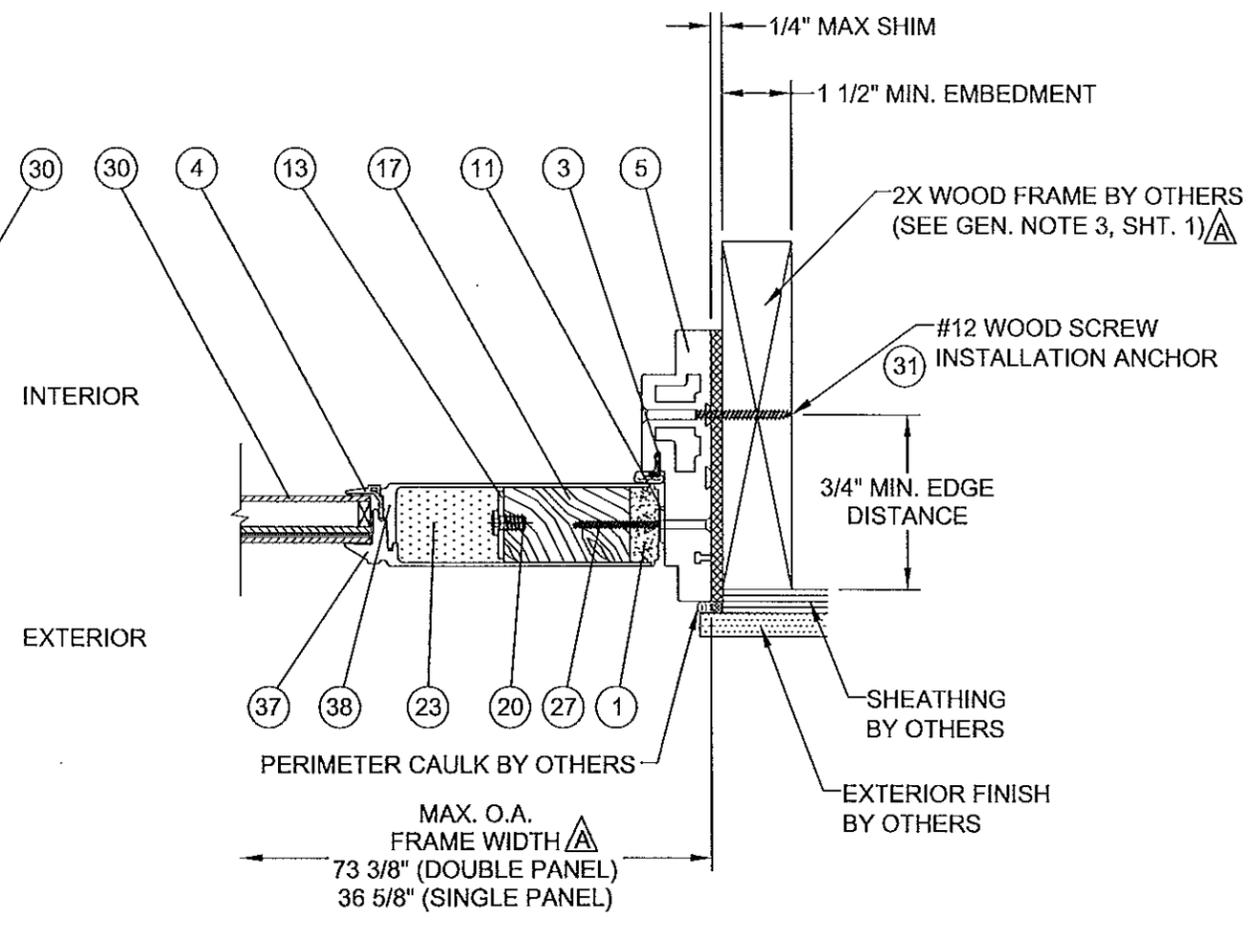
WJ
4/17/14

PRODUCT RENEWED
is complying with the Florida
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Acceptance No. 0412912024
Expiration Date 04/12/14

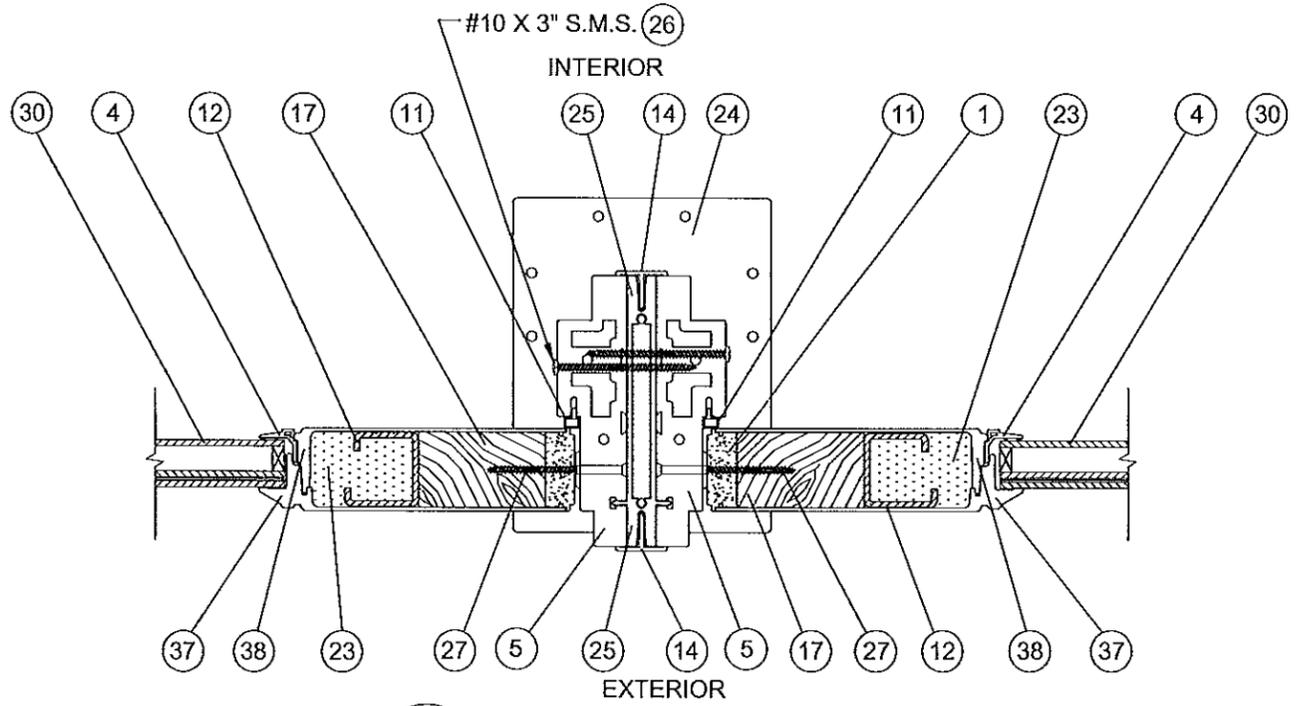
By *[Signature]*
Miami Dade Product Control



G HORIZONTAL SECTION
CONCRETE / MASONRY SUBSTRATE



D HORIZONTAL SECTION
WOOD FRAME SUBSTRATE



H HORIZONTAL SECTION
MULLION

PROJECT NO. 414-0110

C	UPDATE TO 2014 FBC	04/16/14	RJA
B	UPDATE TO 2010 FBC	04/16/12	TJH
A	PER MIAMI DADE COMMENTS DATED 01/11/09	03/03/09	SMC
REV	DESCRIPTION	DATE	BY

NAN YA PLASTICS CORP.
6 FL, 201 HWA N. ROAD
TAIPEI, TAIWAN

IMPACT TWIN MULLED FIXED LITE PANELS
HORIZONTAL SECTIONS

DATE:	11/07/08
DRAWING NO.:	NAN0016
SCALE:	N.T.S.
REV:	C
SHEET:	5 OF 7

PREPARED BY: BB
DRAWN BY: BB
SCALE: N.T.S.
REV: C

PTC PRODUCT DESIGN GROUP, LLC
PO BOX 690775
LONGWOOD, FLORIDA 32752
PHONE: 321.490.1788
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EMAIL: info@ptc-corp.com

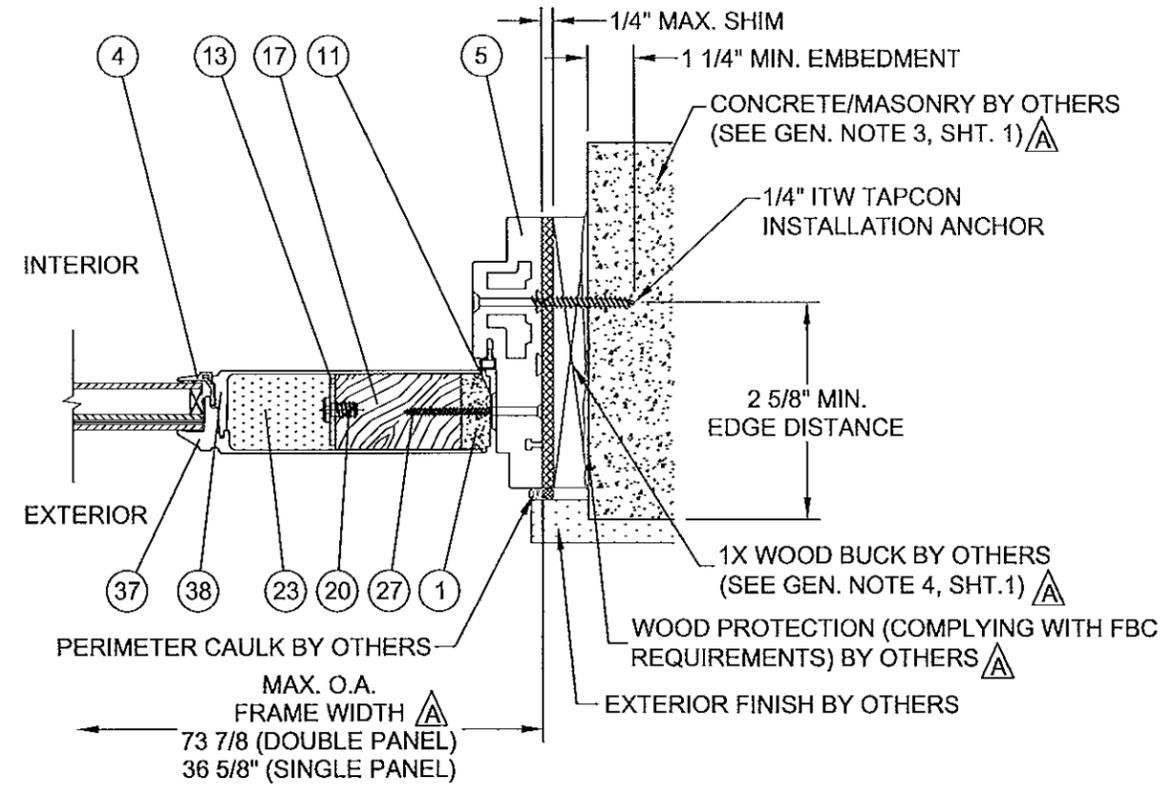
Robert J. Amoroso, P.E.
FL P.E. No. 49752

[Signature]
11/11/14

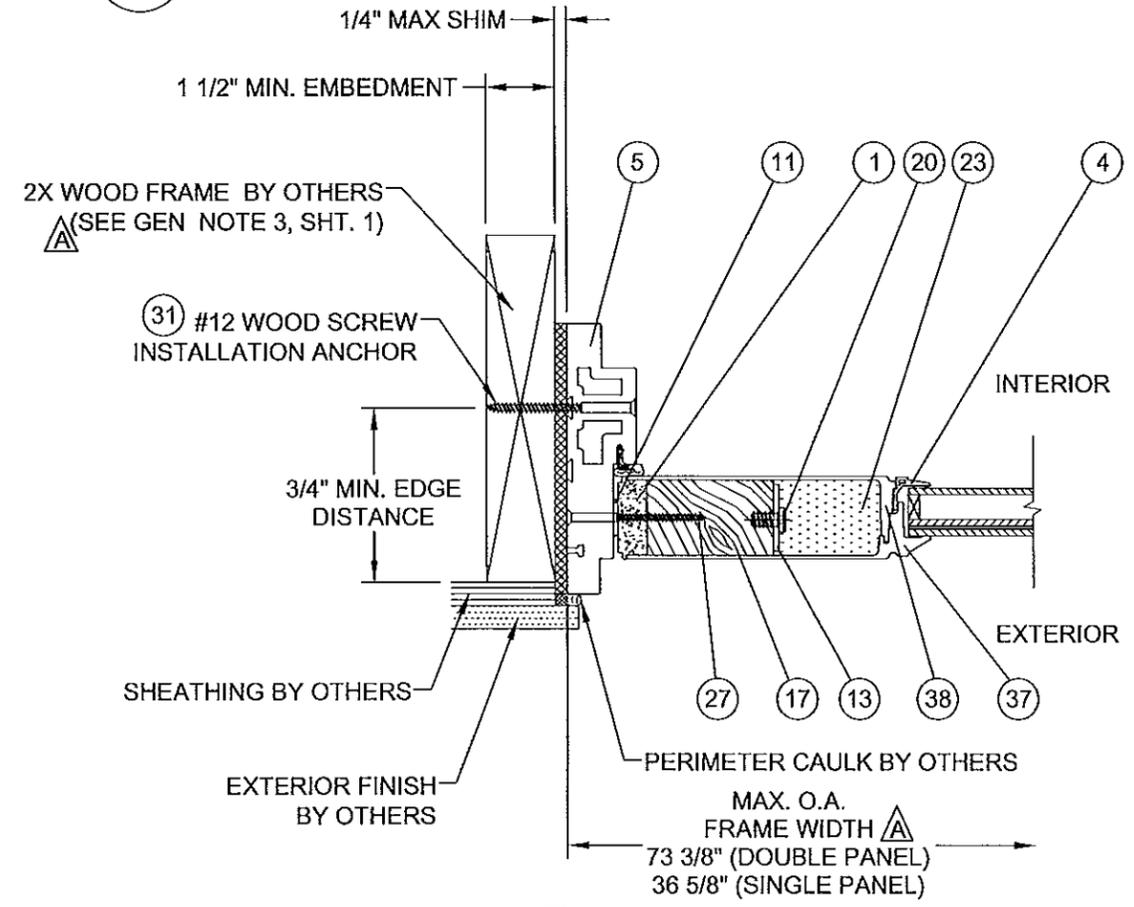
PRODUCT RENewed
is complying with the Florida
Building Code
Accurancy No. 14-0596-03
Expiratory Date: 04/29/2019

By: *[Signature]*
Miami Dade Product Control

BILL OF MATERIALS				
ITEM NO.	QTY.	DISCRIPTION	MATERIAL	VENDOR Δ
1	4	5/8" STILE	FOAM PVC	NAN YA PLASTICS
2	4	TOP & BOTTOM RAIL	FOAM PVC	NAN YA PLASTICS
3	6	LITE FRAME Δ	FOAM PVC	NAN YA PLASTICS
4	8	1" GLAZING BEAD	PVC	NAN YA PLASTICS
5	6	5 3/4" HEAD FRAME & JAMB	PVC CO-EX	NAN YA PLASTICS
6	2	OUTSWING SILL-B	ALUMINUM	NAN YA PLASTICS
7	2	OUTSWING SILL-A	PVC CO-EX	NAN YA PLASTICS
8	2	WEATHERSTRIP (A)	PP & TPE	NAN YA PLASTICS
9	2	DOOR BOTTOM A	PVC CO-EX	NAN YA PLASTICS
11	3	PANEL GAP PLANK Δ	FOAM PVC	NAN YA PLASTICS
12	2	1 3/8" REINFORCEMENT STEEL	SPHC	----
13	2	1/8" REINFORCEMENT SHEET STEEL	SPHC	----
14	2	MULLION COVER	PVC CO-EX	NAN YA PLASTICS
15	2	1-9/16" REINFORCEMENT WOOD - D	WHITE PINE WOOD	----
16	2	1-3/16" REINFORCEMENT WOOD - C	WHITE PINE WOOD	----
17	4	2-23/32" REINFORCEMENT WOOD - A	WHITE PINE WOOD	----
18	---	DOW CORNING 995 STRUCTURAL SEALANT GLAZING MATERIAL	SILICONE	DOW CORNING
20	12	PLASTIC SCREW	NYLON 66	----
21	2	SMC 18P FIBERGLASS SKIN (EXTERIOR) (TOP RAIL) ts = .085", Fy = 11,000 PSI Δ	SHEET MOLDING COMPOUND	NAN YA PLASTICS
22	2	SMC 18P FIBERGLASS SKIN (INTERIOR) (TOP RAIL) ts = .085", Fy = 11,000 PSI Δ	SHEET MOLDING COMPOUND	NAN YA PLASTICS
23	2	PHENOLIC FOAM Δ	N.A.	NAN YA PLASTICS
24	2	MULLION CLIP	STAINLESS STEEL	NAN YA PLASTICS
25	1	ALUMINUM MULLION	ALUMINUM (6063-T5)	NAN YA PLASTICS
26	44	#10 X 3" PHILLIPS SQUARE DRIVE SCREWS	SHEET METAL	----
27	36	#10 X 2-1/2" PHILLIPS SQUARE DRIVE SCREWS	SHEET METAL	----
28	4	#10 X 2" PHILLIPS SQUARE DRIVE SCREWS	SHEET METAL	----
29	6	#9 X 1-1/2" PFH SCREWS	SHEET METAL	----
30	1	CARDINAL 1" O.A. LAMINATED INSULATED GLASS CONSISTING OF: AN EXTERIOR LAMINATED GLASS CONSISTING OF 1/8" ANNEALED GLASS, 0.090" PVB LAMINATE, 1/8" ANNEALED GLASS, 1/2" STAINLESS STEEL SPACER, 1/8" TEMPERED INTERIOR GLASS	GLASS	CARDINAL
31	AS REQ'D	#12 WOOD INSTALLATION SCREW	STEEL	----
32	AS REQ'D	1/4" ITW TAPCON INSTALLATION ANCHOR	STEEL	----
33	1	SMC 18P FIBERGLASS SKIN (EXTERIOR) (BOTTOM RAIL) ts = .085", Fy = 11,000 PSI Δ	SHEET MOLDING COMPOUND	NAN YA PLASTICS
34	1	SMC 18P FIBERGLASS SKIN (INTERIOR) (BOTTOM RAIL) ts = .085", Fy = 11,000 PSI Δ	SHEET MOLDING COMPOUND	NAN YA PLASTICS
35	AS REQ'D	5/16" ITW TAPCON INSTALLATION ANCHOR	STEEL	----
36	AS REQ'D	#12 WOOD INSTALLATION SCREW	STEEL	----
37	2	SMC 18P FIBERGLASS SKIN (EXTERIOR) (STILE) ts = .085", Fy = 11,000 PSI Δ	SHEET MOLDING COMPOUND	NAN YA PLASTICS
38	2	SMC 18P FIBERGLASS SKIN (INTERIOR) (STILE) ts = .085", Fy = 11,000 PSI Δ	SHEET MOLDING COMPOUND	NAN YA PLASTICS
39	4	#12 WOOD SCREW	STEEL	----



E HORIZONTAL SECTION
CONCRETE / MASONRY SUBSTRATE



F HORIZONTAL SECTION
WOOD FRAME SUBSTRATE

PROJECT NO. 414-0110				
C	UPDATE TO 2014 FBC	RJA	04/16/14	RJA
B	UPDATE TO 2010 FBC	TJH	04/16/12	TJH
A	PER MIAMI DADE COMMENTS DATED 01/11/09	SMC	03/03/09	SMC
REV	DESCRIPTION	DATE	BY	

NAN YA PLASTICS CORP.
6 FL, 201 HWA N. ROAD
TAIPEI, TAIWAN

IMPACT TWIN MULLED FIXED LITE PANELS
HORIZONTAL SECTIONS & BILL OF MATERIALS

DATE: 11/07/08
DRAWING NO: NAN0016
SCALE: N.T.S.
SHEET: 6 OF 7

PREPARED BY: BB
REV: C

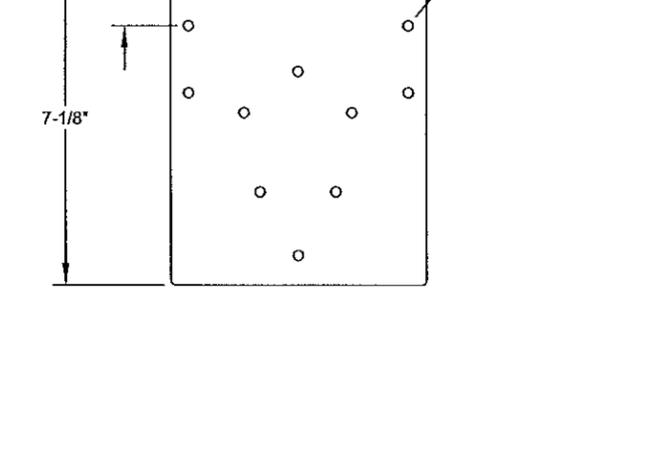
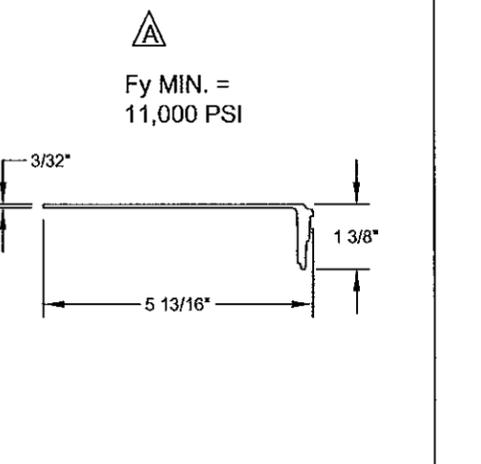
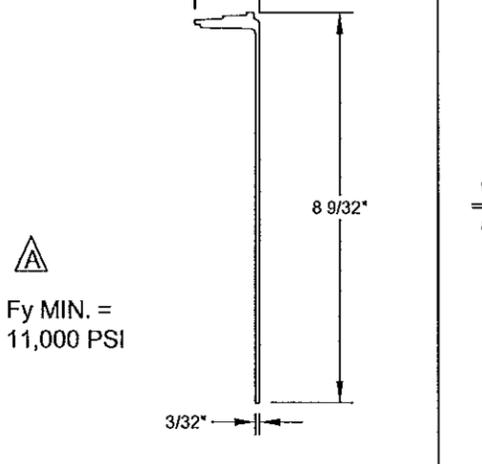
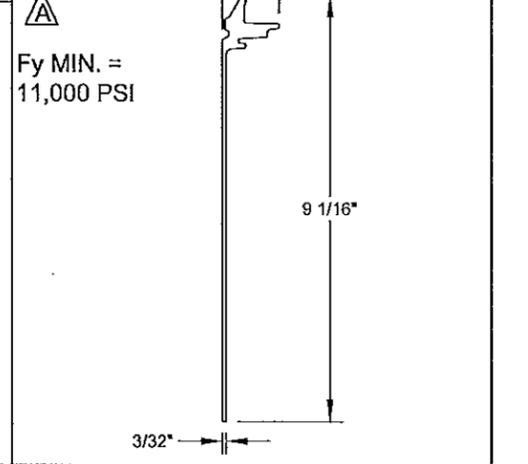
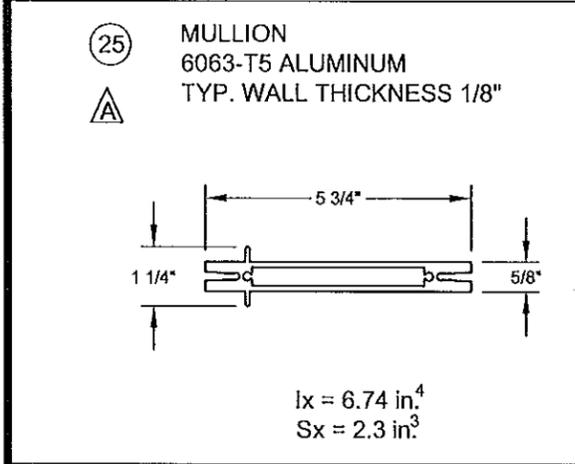
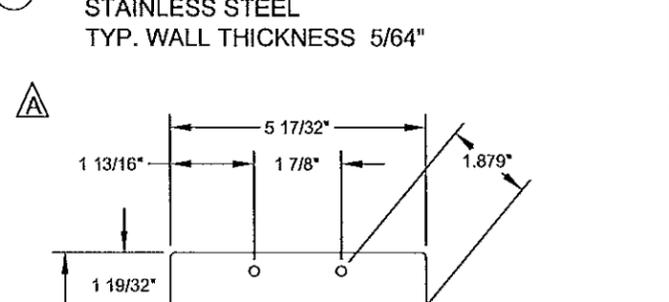
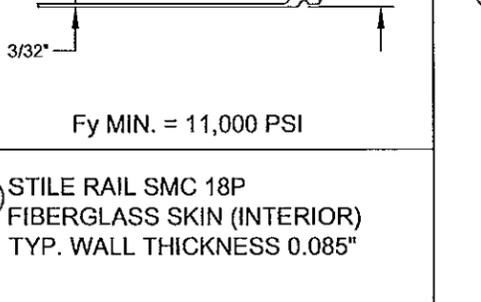
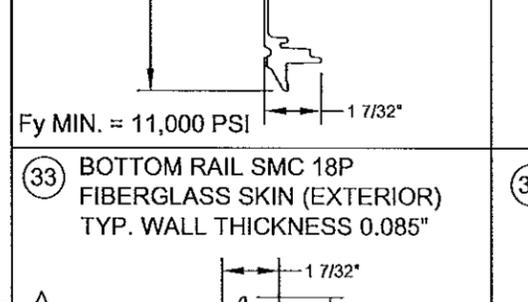
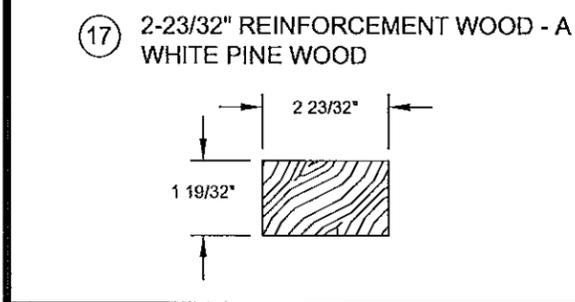
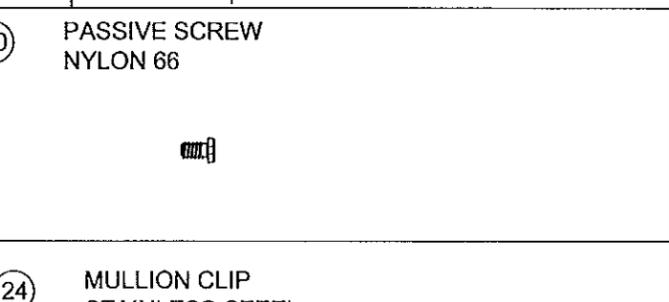
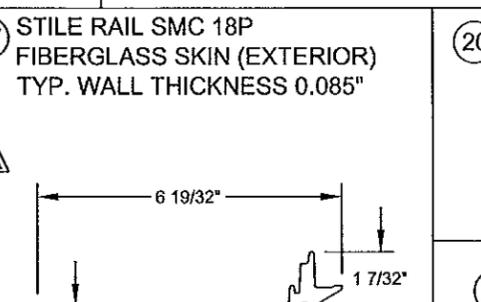
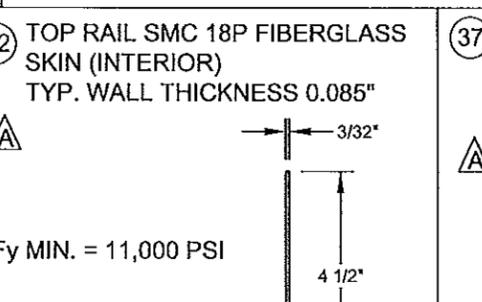
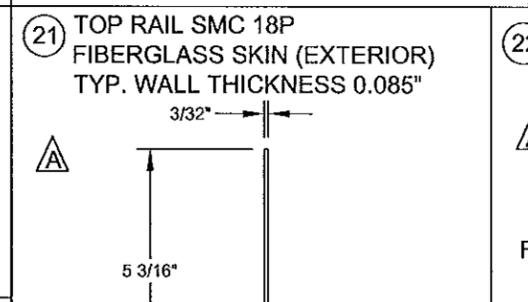
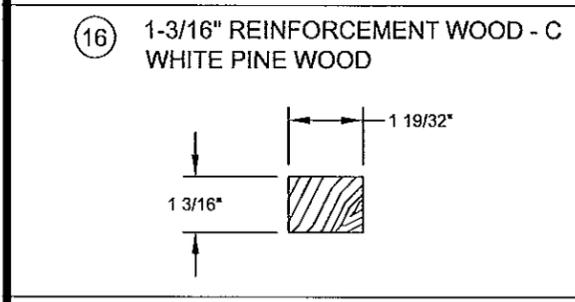
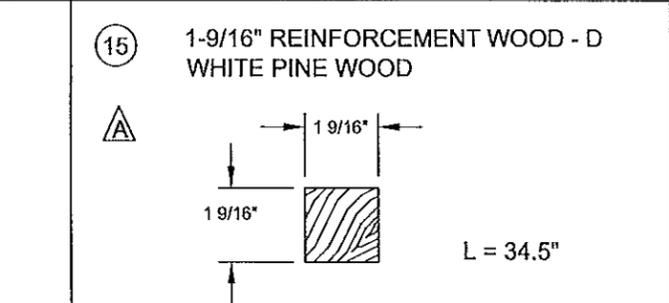
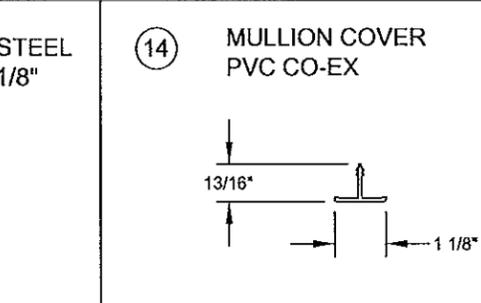
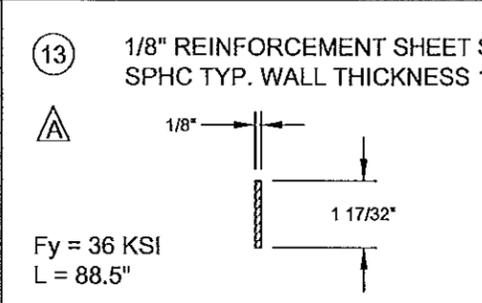
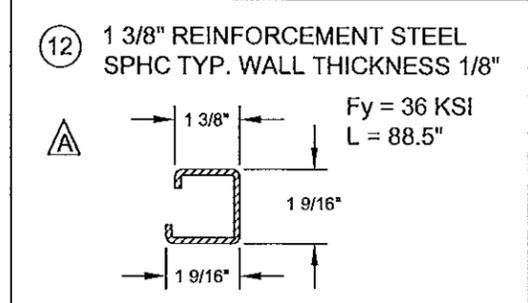
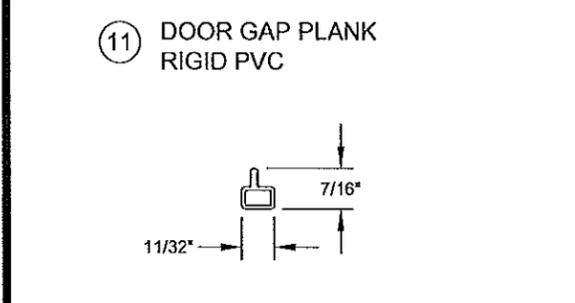
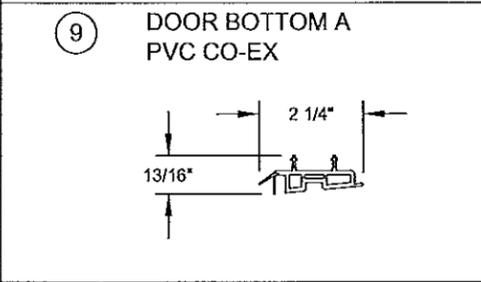
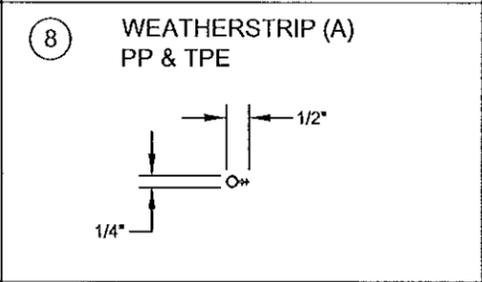
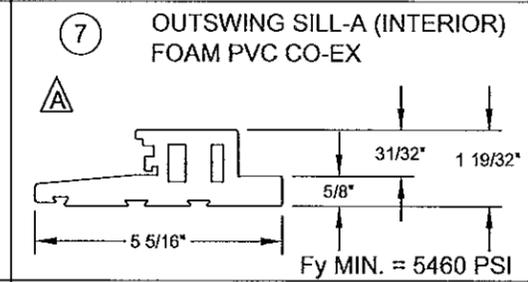
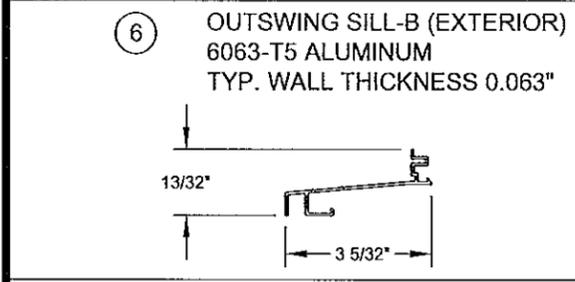
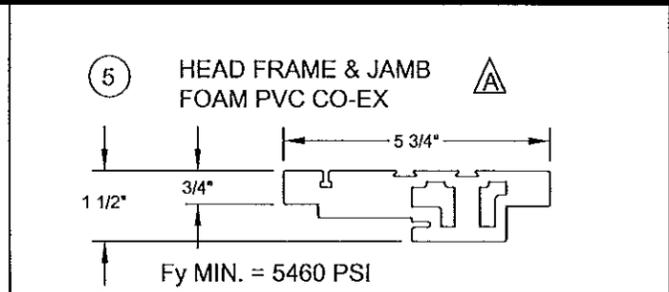
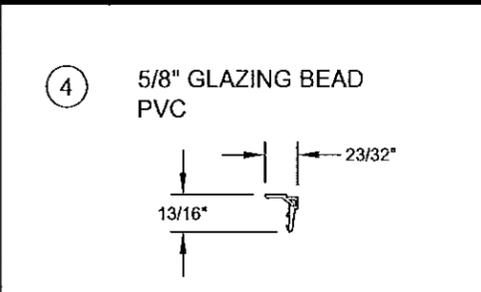
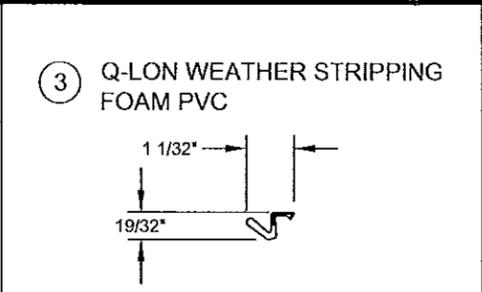
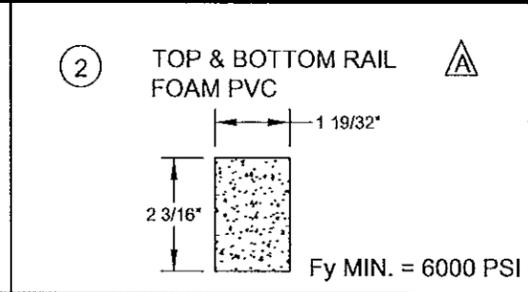
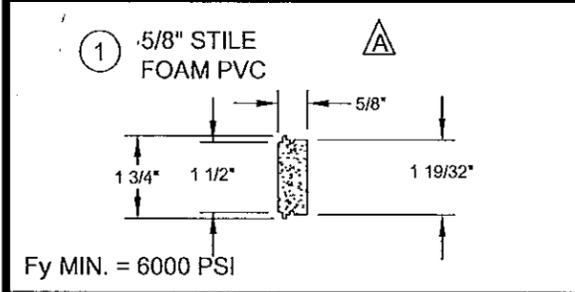
PTC PRODUCT DESIGN GROUP, LLC
PO BOX 520775
LONGWOOD, FLORIDA 32752
Phone: 321.880.1788
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P&PE C/O. NO. 23505

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

[Signature]

PRODUCT REVIEWED
in accordance with the Florida
Building Code 14-0506.0
Acceptance No. 041292039

[Signature]



PROJECT NO. 414-0110

C	UPDATE TO 2014 FBC	04/16/14	RJA
B	UPDATE TO 2010 FBC	04/16/12	TJH
A	PER MIAMI DADE COMMENTS DATED 01/11/09	03/03/09	SMC
REV	DESCRIPTION	DATE	BY

NAN YA PLASTICS CORP.
6 FL, 201 HWA N. ROAD
TAIPEI, TAIWAN

IMPACT TWIN MULLED FIXED LITE PANELS
COMPONENTS

DATE: 11/07/08
DRAWING NO: NAN0016
SHEET: 7 OF 7

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

PTC PRODUCT DESIGN GROUP, LLC
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Robert J. Amoroso, P.E.
FL P.E. No. 49752

[Signature]

PRODUCT REVIEWED
as complying with the Florida
Building Code
Accuracy No. 14-050603
Expiration Date 01/29/2019

[Signature]