



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

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

**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 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 "Impact IS Transom" Aluminum Clad White PVC Fixed Window – L.M.I.

**APPROVAL DOCUMENT:** Drawing No. NAN0019, titled "Impact I.S. Transom", sheets 1 through 5 of 5, dated 01/26/09, with revision C dated 07/01/14, prepared by PTC, LLC, signed and sealed by Robert J. 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, city, state, model/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 and renews NOA# 12-0612.12 and consists of this page 1 and evidence pages E-1 and E-2, as well as approval document mentioned above.

The submitted documentation was reviewed by Manuel Perez, P.E.



*Handwritten signature and date: 8/12/14*

NOA No. 14-0708.03  
Expiration Date: July 15, 2019  
Approval Date: August 21, 2014  
Page 1

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

**A. DRAWINGS**

1. Manufacturer's die drawings and sections.
2. Drawing No. **NAN0019**, titled "Impact I.S. Transom", sheets 1 through 5 of 5, dated 01/26/09, with revision C dated 07/01/14, prepared by PTC, LLC, signed and sealed by Robert J. Amoruso, P.E.

**B. TESTS**

1. Test reports on:
  - 1) Air Infiltration Test, per FBC, TAS 202-94
  - 2) Uniform Static Air Pressure Test, Loading per FBC TAS 202-94
  - 3) Water Resistance Test, per FBC, TAS 202-94
  - 4) Large Missile Impact Test per FBC, TAS 201-94
  - 5) Cyclic Wind Pressure Loading per FBC, TAS 203-94
  - 6) Forced Entry Test, per FBC 2411 3.2.1, TAS 202-94along with marked-up drawings and installation diagram of an in-swing transom, prepared by ETC Laboratories, Test Report No. **ETC-08-209-21133.0**, dated 05/22/08 to 05/28/08, and addendum letter dated 04/09/09, all signed and sealed by Joseph Labora Doldan, P.E.  
*(Submitted under NOA No. 09-0305.04)*
2. Test reports on:
  - 1) Smoke Density Test, per FBC, ASTM D 2843
  - 2) Test for rate of Burning, per FBC, ASTM D 635
  - 3) Self Ignition Temperature, per FBC, ASTM D 1929
  - 4) Tensile Property Tests, per FBC, ASTM D 638along with marked-up drawings and installation diagram of SMC Fiberglass Material, Rigid PVC and Cellular PVC, all prepared by ETC Laboratories, Inc., Test Reports No. **ETC-05-255-16776.1** dated 07/06/06, **ETC-05-255-17144.1** dated 06/30/08 and **ETC-05-255-16777.1** dated 04/26/06, all signed and sealed by Joseph Labora Doldan, P.E.  
*(Submitted under NOA No. 09-0305.04)*
3. Test reports on:
  - 1) Surface Burning Test, per FBC, ASTM E 84along with marked-up drawings and installation diagram of Phenolic Foam Board, prepared by ETC Laboratories, Inc., Test Report No. **ETC-06-255-17412.1**, dated 04/25/06 with revision dated 06/28/06, signed and sealed by Joseph Labora Doldan, P.E.  
*(Submitted under NOA No. 09-0305.04)*

  
Manuel Perez, P.E.  
Product Control Examiner  
NOA No. 14-0708.03

Expiration Date: July 15, 2019  
Approval Date: August 21, 2014

Nan Ya Plastics Corporation USA

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

**C. CALCULATIONS**

1. Anchor verification calculations and structural analysis, complying with **FBC-2010**, dated 06/30/14, prepared by PTC, LLC, signed and sealed by Robert J. Amoruso, P.E.
2. Glazing complies with **ASTM E1300-04**.

**D. QUALITY ASSURANCE**

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

**E. MATERIAL CERTIFICATIONS**

1. Notice of Acceptance No. **14-0423.17** issued to **Eastman Chemical Company (MA)** for their "**Saflex Clear and Color Glass Interlayers**" dated 06/19/14, expiring on 05/21/16.

**F. STATEMENTS**

1. Statement letter of conformance, complying with **FBC-2010, FBC-5<sup>th</sup> Edition (2014)**, and of no financial interest, dated July 1, 2014, issued by PTC Product Design Group, LLC, signed and sealed by Robert J. Amoruso, P.E.
2. Laboratory compliance letters for Test Report No. **ETC-08-209-21133.0**, issued by ETC Laboratories, dated 08/01/08, signed and sealed by Joseph Labora Doldan, P.E. *(Submitted under NOA No. 09-0305.04)*
3. Laboratory compliance letters for Test Reports No. **ETC-05-255-16776.1** dated 07/06/06, **ETC-05-255-17144.1** dated 06/30/08, and **ETC-05-255-16777.1** dated 04/26/06, all issued by ETC Laboratories, all signed and sealed by Joseph Labora Doldan, P.E. *(Submitted under NOA No. 09-0305.04)*
4. Laboratory compliance letters for Test Report No. **ETC-06-255-17412.1**, issued by ETC Laboratories, dated 06/28/06, signed and sealed by Joseph Labora Doldan, P.E. *(Submitted under NOA No. 09-0305.04)*

**G. OTHERS**

1. Notice of Acceptance No. **12-0612.12**, issued to Nan Ya Plastics Corporation USA for their Series "Impact I.S. Transom" Aluminum Clad White PVC Fixed Window - L.M.I., approved on 07/26/12 and expiring on 07/15/14.

  
Manuel Perez, P.E.  
Product Control Examiner  
NOA No. 14-0708.03

Expiration Date: July 15, 2019  
Approval Date: August 21, 2014

# NAN-YA PLASTICS CORP.

## IMPACT I.S. TRANSOM

### INSTALLATION ANCHORAGE DETAILS

**GENERAL NOTES:**

1. THIS PRODUCT IS DESIGNED TO COMPLY WITH THE HIGH VELOCITY HURRICANE ZONE (HVHZ) OF THE CURRENT EDITION OF THE FLORIDA BUILDING CODE (FBC) AT THE DESIGN PRESSURE(S) STATED HEREIN. THE PRODUCT DETAILS CONTAINED HEREIN ARE BASED UPON SIGNED AND SEALED TEST REPORT # ETC-08-209-21133.0 DATED 08/11/2008 AND ASSOCIATED LABORATORY STAMPED DRAWINGS AND WERE TESTED IN ACCORDANCE WITH CURRENT DADE COUNTY PROTOCOLS.
2. 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.
3. 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.

4. IN AREAS WHERE WIND-BORNE DEBRIS PROTECTION REQUIREMENTS EXIST, USE OF AN APPROVED MIAMI DADE IMPACT PROTECTIVE SYSTEM IS NOT REQUIRED FOR THIS PRODUCT.
5. WINDOW FRAME MATERIAL: FOAM PVC W/ KERF
6. GLASS MEETS THE REQUIREMENTS OF ASTM E1300-04e1.
7. DESIGNATION "O" STANDS FOR THE FOLLOWING:  
O: FIXED PANEL
8. 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.
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 #10 WOOD SCREWS OF SUFFICIENT LENGTH TO ACHIEVE 1 1/4 INCH MINIMUM EMBEDMENT. MINIMUM EDGE DISTANCE IS 3/4 INCH.
5. FOR INSTALLATION THROUGH 1X BUCK TO CONCRETE / MASONRY, OR DIRECTLY INTO CONCRETE / MASONRY, USE THE FOLLOWING:
  - 5.1. HEAD AND SILL: 3/16 INCH ITW ADVANCED THREADFORM TAPCONS OF SUFFICIENT LENGTH TO ACHIEVE 1 1/2 INCH MINIMUM EMBEDMENT INTO CONCRETE. MINIMUM EDGE DISTANCE IS 1 1/8 INCHES. MINIMUM ANCHOR SEPARATION IS 3 INCHES.
  - 5.2. JAMBS: 3/16 INCH ITW ADVANCED THREADFORM TAPCONS OF SUFFICIENT LENGTH TO ACHIEVE 1 1/2 INCH MINIMUM EMBEDMENT INTO CONCRETE AND 1 INCH MINIMUM EMBEDMENT INTO MASONRY. MINIMUM EDGE DISTANCE IS 1 1/8 INCHES IN CONCRETE AND 2 INCHES IN MASONRY. MINIMUM ANCHOR SEPARATION IS 3 INCHES.
6. MINIMUM EMBEDMENT AND EDGE DISTANCE EXCLUDE WALL FINISHES, INCLUDING BUT NOT LIMITED TO STUCCO, FOAM, BRICK VENEER AND SIDING.
7. FOR CONCRETE 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.
8. 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.
9. INSTALLATION ANCHOR CAPACITIES FOR PRODUCTS HEREIN ARE BASED ON SUBSTRATE MATERIALS WITH THE FOLLOWING PROPERTIES:
  - 9.1. WOOD - P.T. SOUTHERN YELLOW PINE. MINIMUM SPECIFIC GRAVITY OF 0.55.
  - 9.2. CONCRETE - MINIMUM COMPRESSIVE STRENGTH OF 2500 psi.
  - 9.3. MASONRY - STRENGTH CONFORMANCE TO ASTM C-90 MEDIUM WEIGHT (DENSITY > 117 PCF).

TABLE OF CONTENTS

| SHEET | SHEET DESCRIPTION   |
|-------|---|
| 1     | GENERAL & INSTALLATION NOTES                                    |
| 2     | ELEVATIONS & ANCHOR LAYOUTS                                     |
| 3     | VERTICAL SECTIONS   |
| 4     | HORIZONTAL SECTIONS, GLAZING DETAIL & COMPONENTS                |
| 5     | BILL OF MATERIALS, CORNER DETAIL & MULLION / FRAME HEAD ASSEMBY |

DESIGN PRESSURE RATING (PSF)

| UNIT SIZE      | WHERE WATER INFILTRATION REQUIREMENT IS NEEDED | WHERE WATER INFILTRATION REQUIREMENT IS NOT NEEDED | IMPACT RATING        |
|----------------|--|--|----------------------|
| 71-1/4" X 24"  | ±80.0  | ±80.0  | LARGE MISSILE IMPACT |
| 145-3/8" X 24" | ±80.0  | ±80.0  |                      |

PROJECT NO. 414-0416

|     |                                |          |     |
|-----|--------------------------------|----------|-----|
| C   | REVISE TO CURRENT CODE - RENEW | 07/01/14 | RJA |
| B   | UPDATE TO 2010 FBC             | 04/16/12 | TJH |
| A   | REVISIONS PER MIAMI-DADE       | 06/03/09 | BB  |
| REV | DESCRIPTION                    | DATE     | BY  |

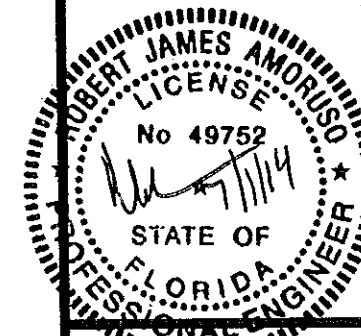
**NAN YA PLASTICS CORP.**  
 8989 NORTH LOOP EAST  
 HOUSTON, TX 77029

IMPACT I.S. TRANSOM  
 GENERAL & INSTALLATION NOTES

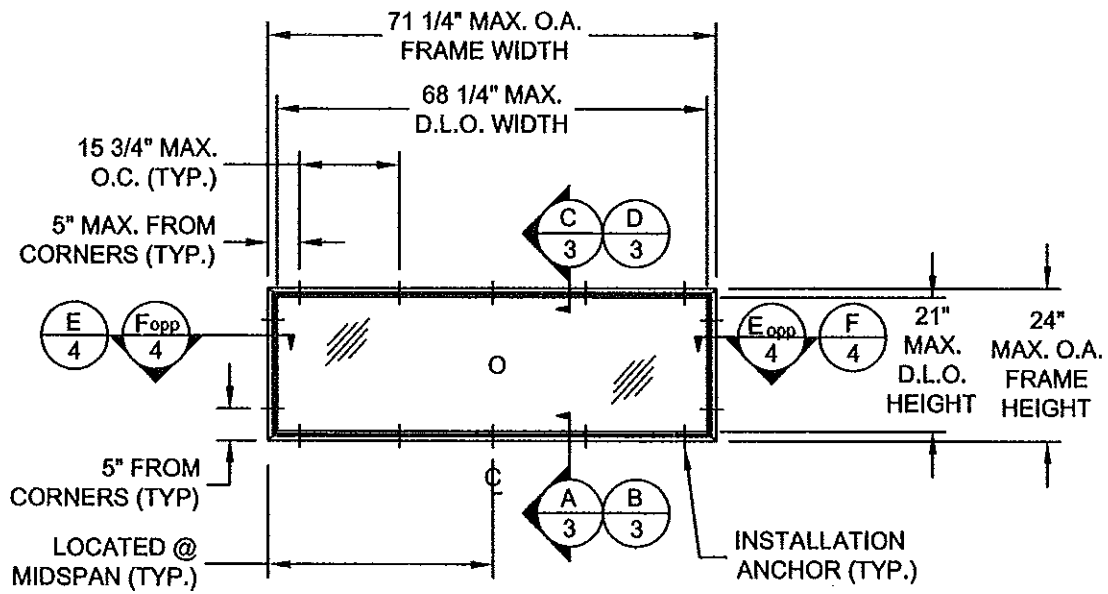
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| DATE:     | 01/26/09 | DRAWING NO.: | NAN0019 | SHEET: | 1 OF 5 |
| DRAWN BY: | BB       | SCALE:       | N.T.S.  | REV:   | C      |



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

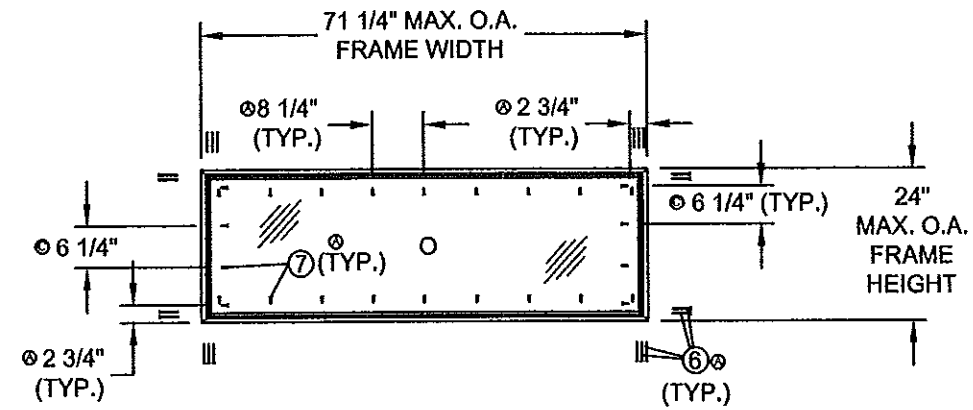


PRODUCT REVISED as complying with the Florida Building Code  
 Acceptance No 14-0702-03  
 Expiration Date July 15, 2017  
 By: [Signature]  
 Miami Dade Product Control



**ELEVATION & ANCHOR LAYOUT**

EXTERIOR VIEW

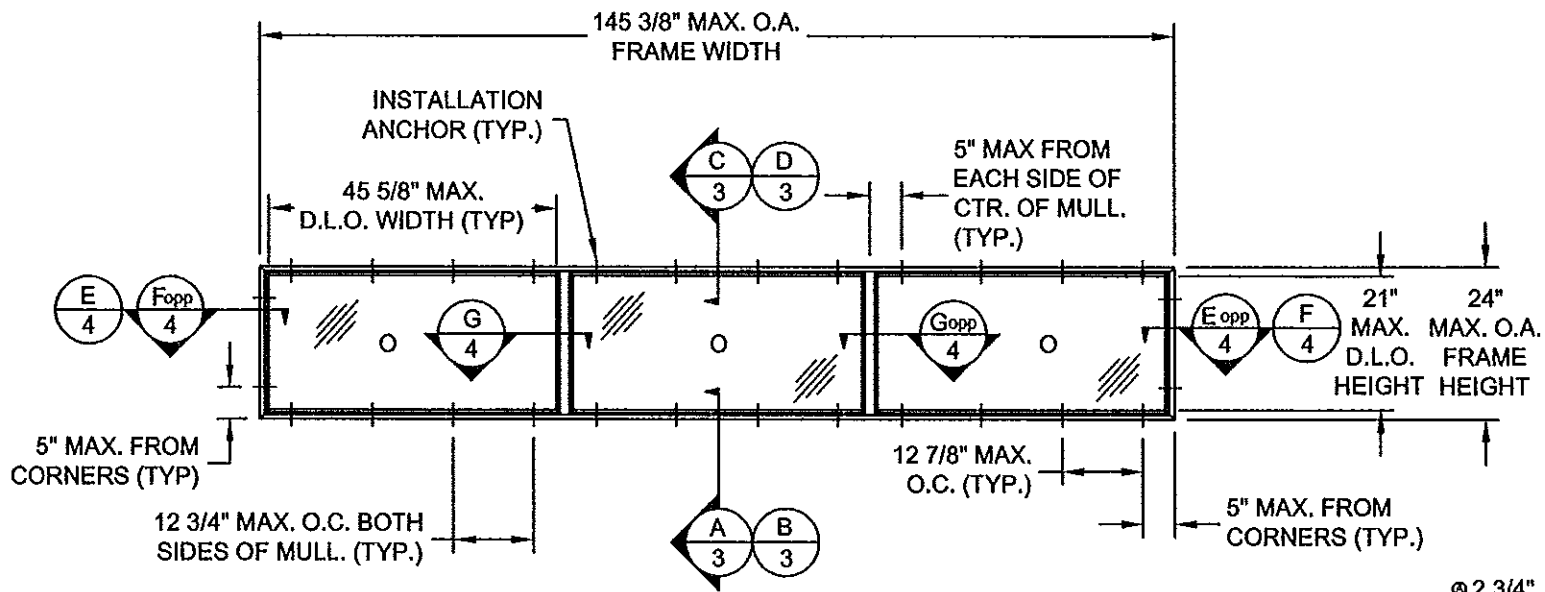


**ANCHOR FABRICATION LAYOUT**

(GLAZING BEAD AND CORNER CONSTRUCTION FASTENING)

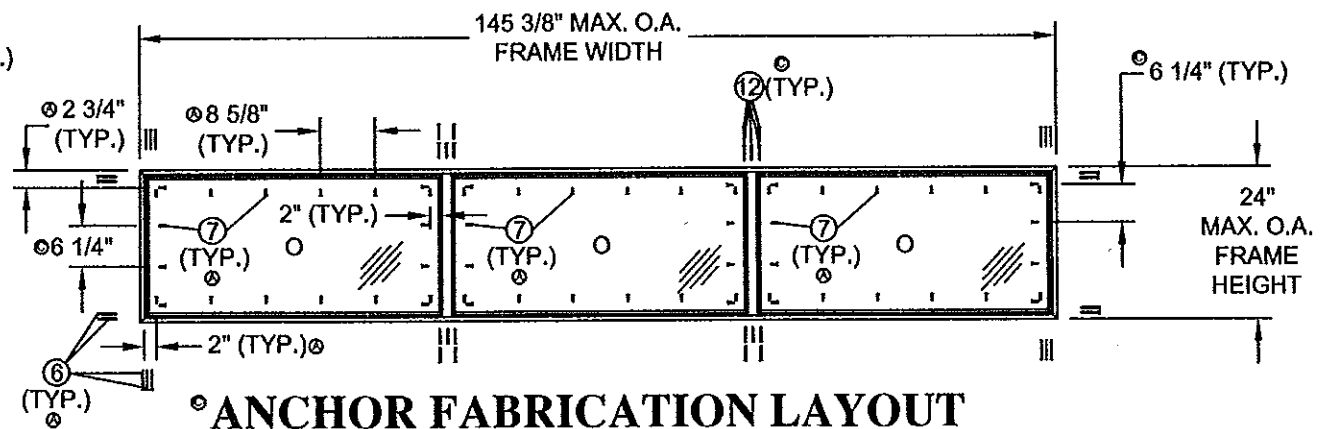
EXTERIOR VIEW

SEE SHBET 5 FOR ADDITIONAL CORNER CONSTRUCTION DETAILS



**ELEVATION & ANCHOR LAYOUT**

EXTERIOR VIEW



**ANCHOR FABRICATION LAYOUT**

(GLAZING BEAD AND CORNER CONSTRUCTION FASTENING)

EXTERIOR VIEW

SEE SHEET 5 FOR ADDITIONAL CORNER CONSTRUCTION DETAILS

PROJECT NO. 414-0416

|                                |          |     |
|--------------------------------|----------|-----|
| REVISE TO CURRENT CODE - RENEW | 07/01/14 | RJA |
| UPDATE TO 2010 FBC             | 04/16/12 | TJH |
| REVISIONS PER MIAMI-DADE       | 06/03/09 | BB  |
| DESCRIPTION                    | DATE     | BY  |

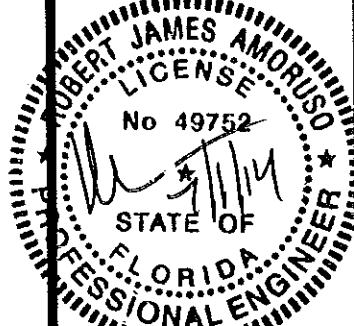
NAN YA PLASTICS CORP.  
8989 NORTH LOOP EAST  
HOUSTON, TX 77029

IMPACT I.S. TRANSON  
ELEVATIONS & ANCHOR LAYOUTS

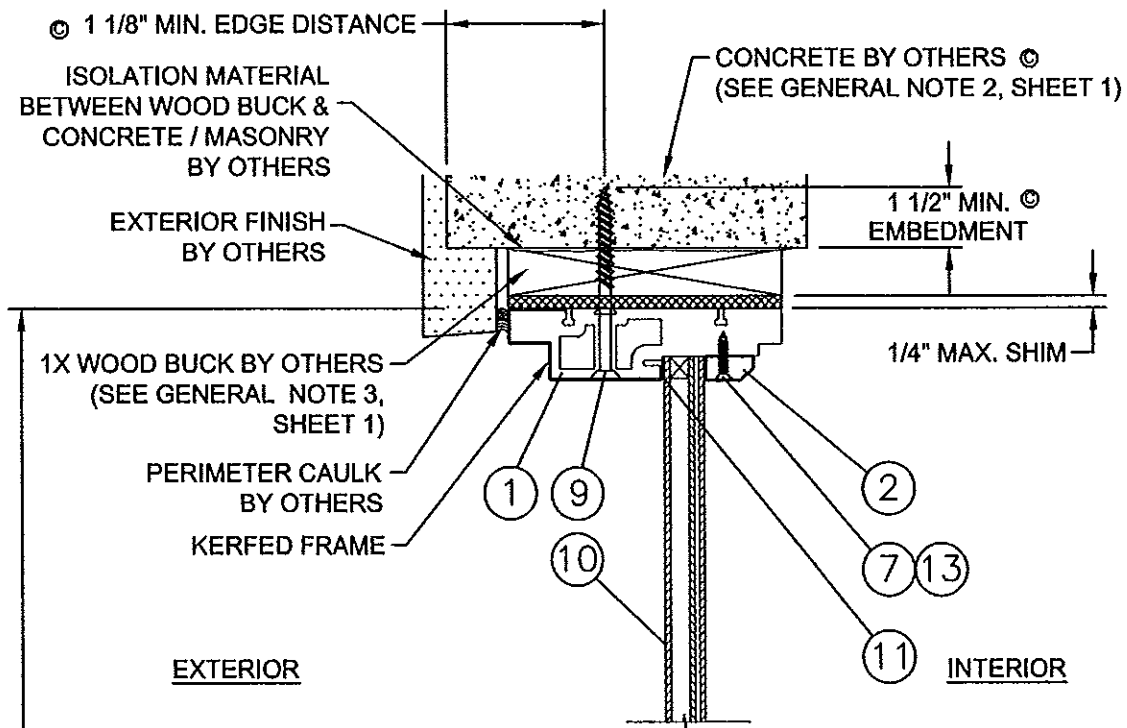
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| DRAWN BY    | BB       |
| SCALE       | N.T.S.   |
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| SHEET       | 2 OF 5   |
| REV         | C        |



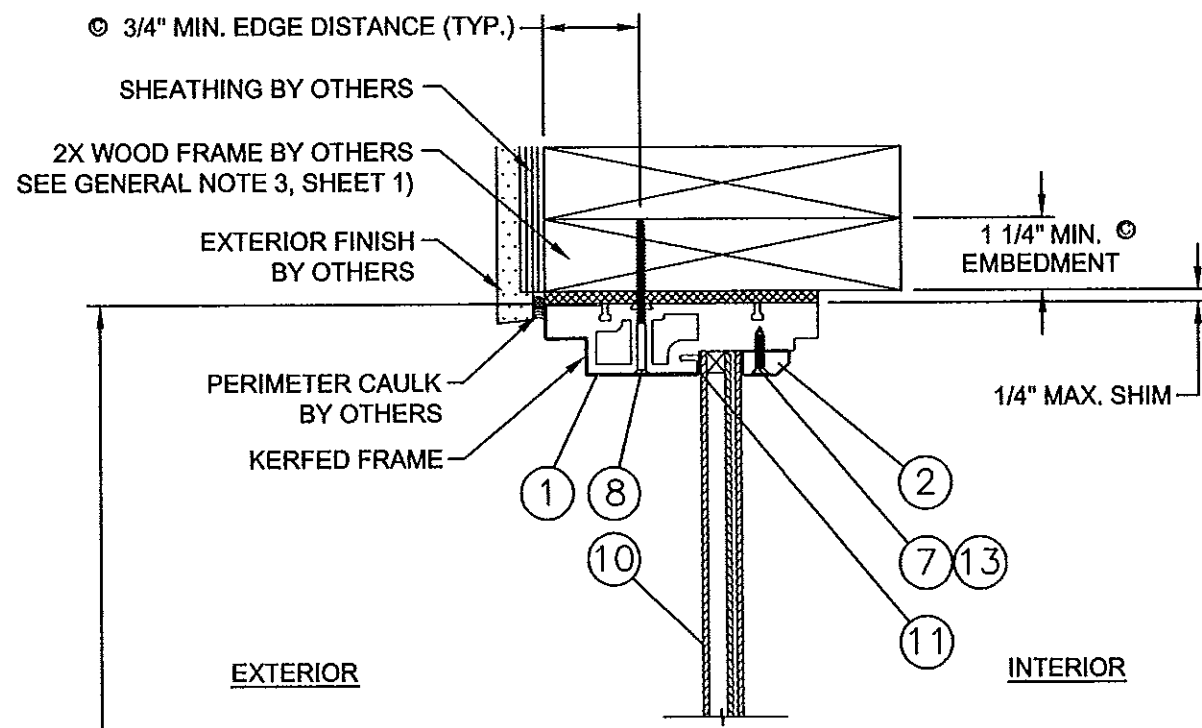
Robert J. Amoruso, P.E.  
FL P.E. No. 49752



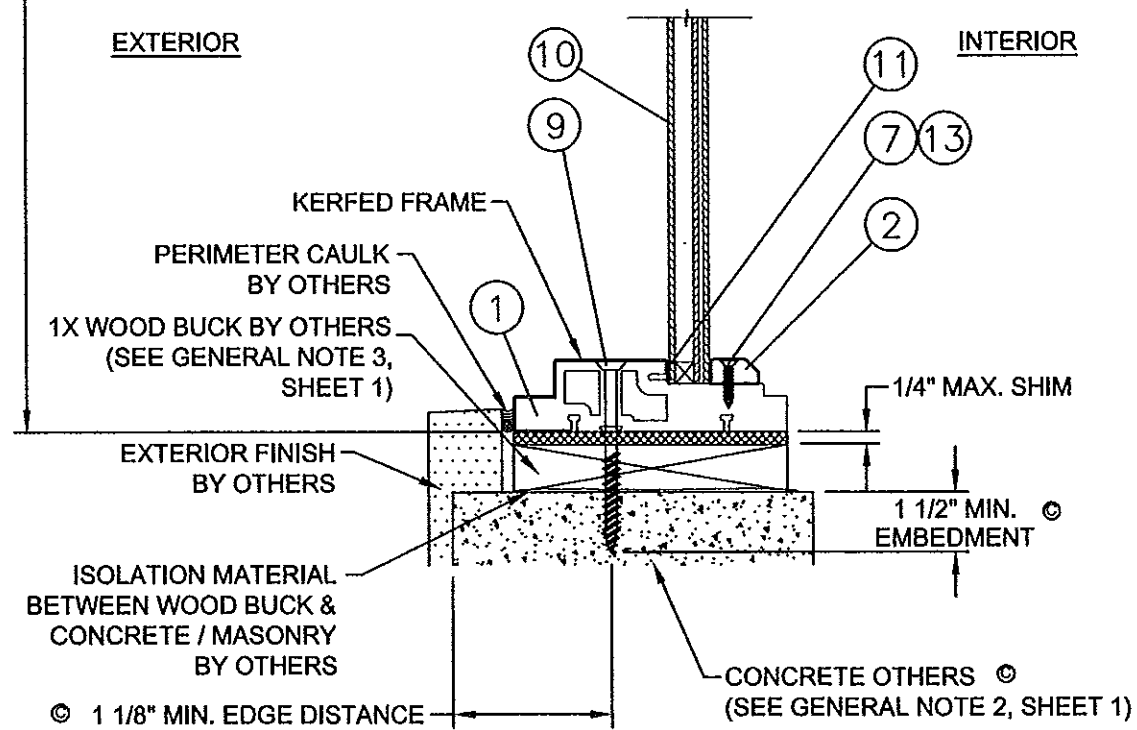
PRODUCT REVISED as complying with the Florida Building Code  
Acceptance No 14-0108-03  
Expiration Date July 15, 2014  
By [Signature]  
Miami Dade Product Control



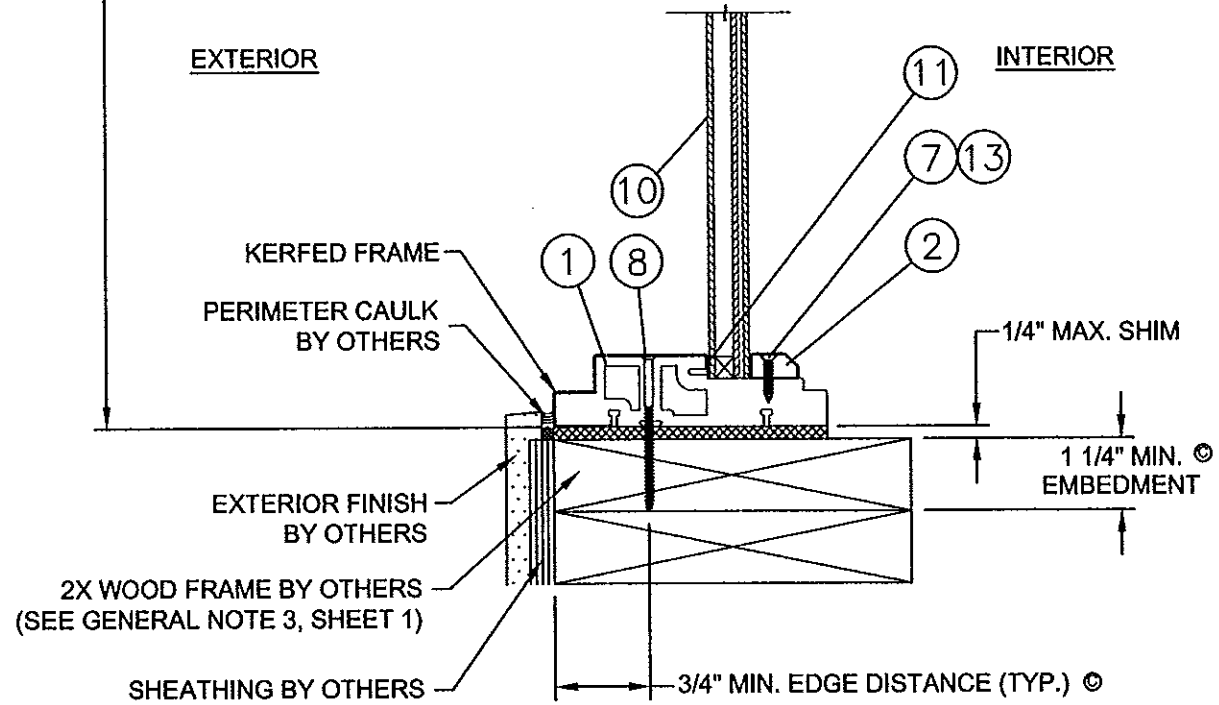
**C VERTICAL SECTION**  
CONCRETE / MASONRY SUBSTRATE



**D VERTICAL SECTION**  
WOOD FRAME SUBSTRATE



**A VERTICAL SECTION**  
CONCRETE / MASONRY SUBSTRATE



**B VERTICAL SECTION**  
WOOD FRAME SUBSTRATE

24"  
MAX. O.A.  
FRAME  
HEIGHT

24"  
MAX. O.A.  
FRAME  
HEIGHT

|                      |                                  |          |     |
|----------------------|----------------------------------|----------|-----|
| PROJECT NO. 414-0416 | REVISION TO CURRENT CODE - RENEW | DATE     | BY  |
|                      | UPDATE TO 2010 FBC               | 04/16/12 | TJH |
|                      | REVISIONS PER MIAMI-DADE         | 06/03/09 | BB  |
|                      | DESCRIPTION                      |          |     |

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

**IMPACT I.S. TRANSONM VERTICAL SECTIONS**

DATE: 01/26/09  
DRAWING NO: NAN0019  
SHEET: 3 OF 5

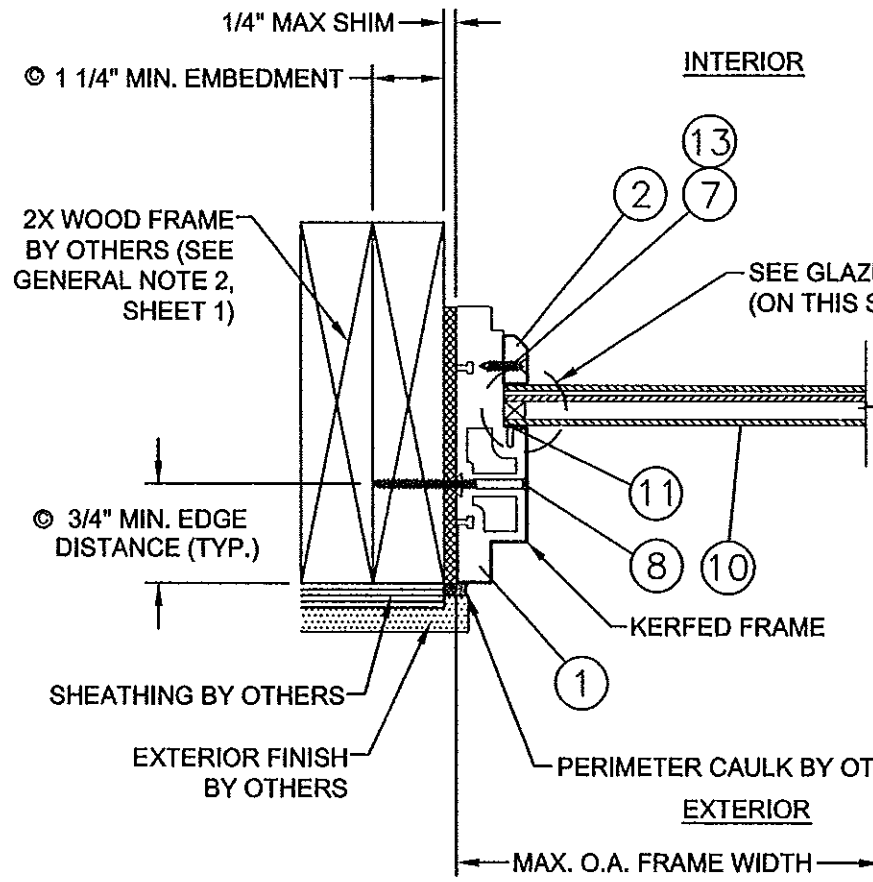
DRAWN BY: BB  
SCALE: N.T.S.  
REV: C

**PTC PRODUCT DESIGN GROUP, LLC**  
PO BOX 520775  
LONGWOOD, FLORIDA 32752  
Phone: 321.680.1788  
Fax: 321.680.1789  
Email: info@ptc-corp.com

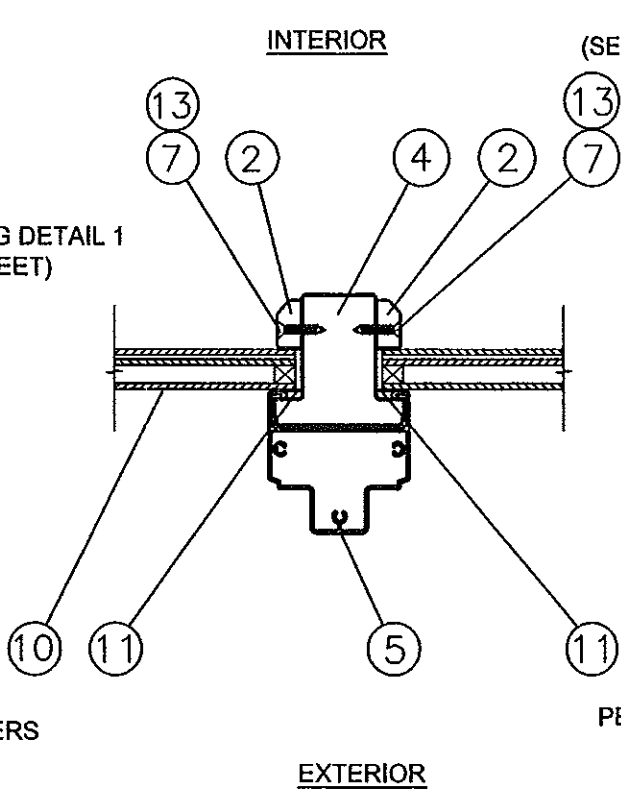
Robert J. Amoruso, P.E.  
FL P.E. No. 49752

PRODUCT REVISED as complying with the Florida Building Code  
Acceptance No. 14-0708-03  
Expiration Date July 15, 2014

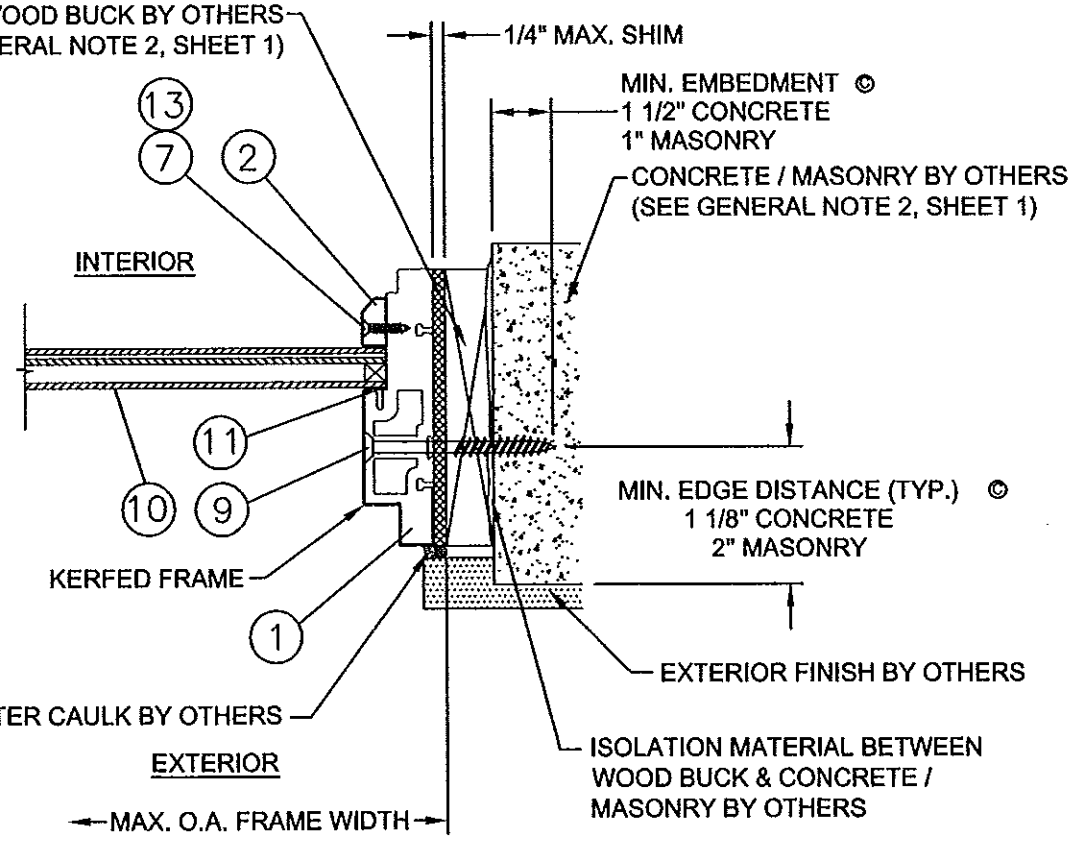
By: *[Signature]*  
Miami Dade Product Control



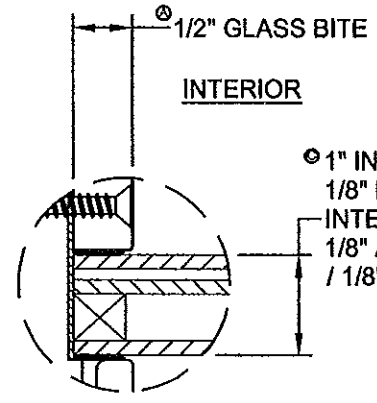
**E HORIZONTAL SECTION**  
WOOD FRAME SUBSTRATE



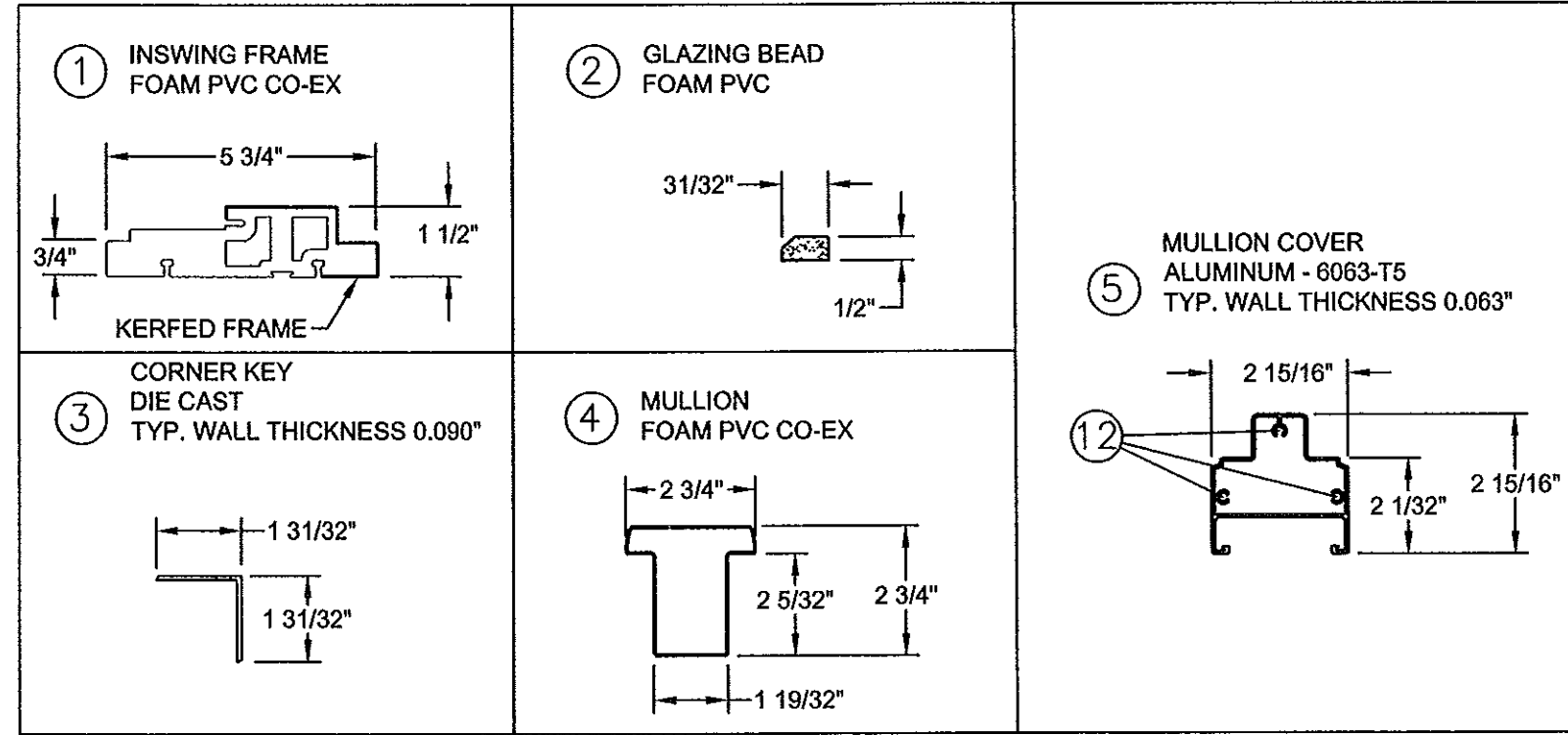
**G HORIZONTAL SECTION**  
MULLION



**F HORIZONTAL SECTION**  
CONCRETE / MASONRY SUBSTRATE



**GLAZING DETAIL A**



PROJECT NO. 414-0416

|                               |          |      |
|-------------------------------|----------|------|
| REVISE TO CURRENT CODE - R/JA | 07/01/14 | R/JA |
| UPDATE TO 2010 FBC            | 04/16/12 | T/JH |
| REVISIONS PER MIAMI-DADE      | 06/03/09 | BB   |
| DESCRIPTION                   | DATE     | BY   |

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

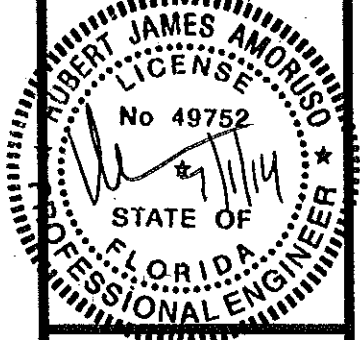
**IMPACT I.S. TRANSON**  
HORIZONTAL SECTIONS, GLAZING DETAIL & COMPONENTS

DATE: 01/26/09  
DRAWING NO: NAN0019  
SCALE: N.T.S.  
SHEET: 4 OF 5

PREPARED BY: BB  
DRAWN BY: BB  
REV: C

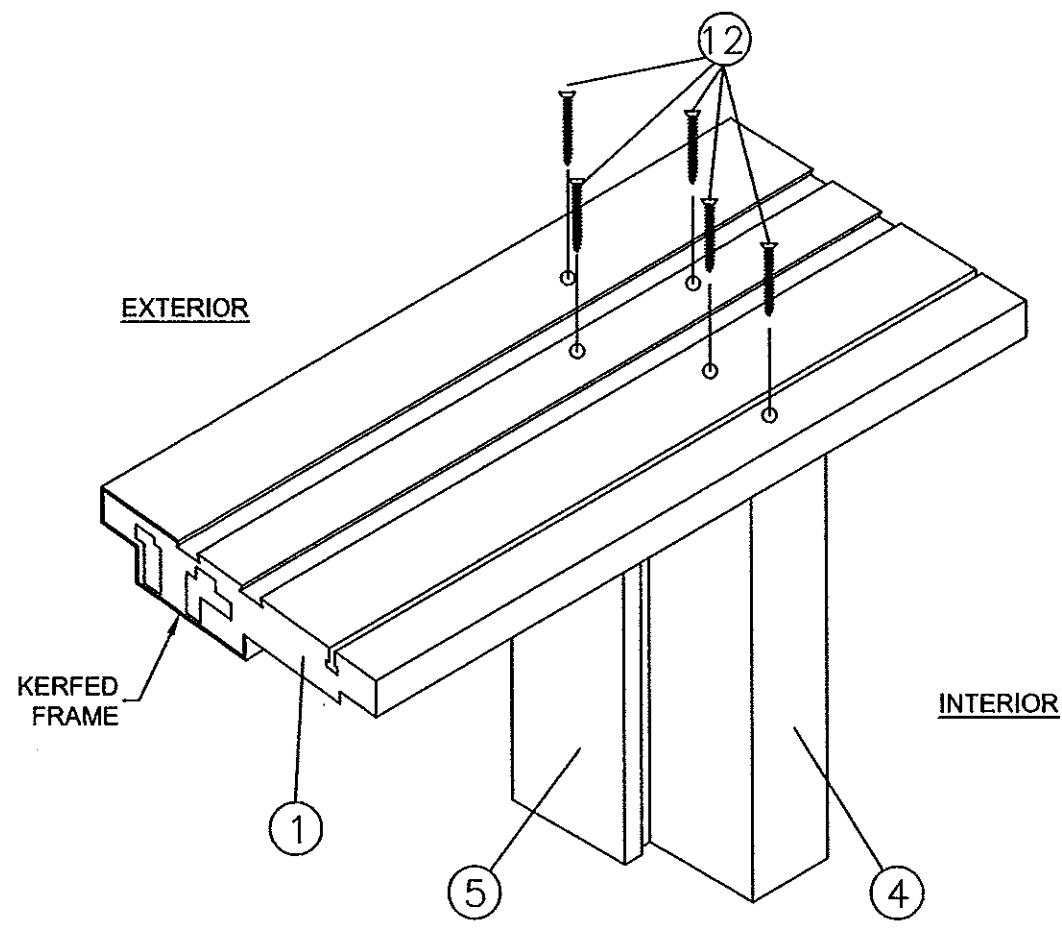
PTC PRODUCT DESIGN GROUP, LLC  
PO BOX 43075  
LONGWOOD, FLORIDA 32762  
PHONE: 321.860.1788  
FAX: 321.860.1789  
EMAIL: info@ptc-corp.com

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

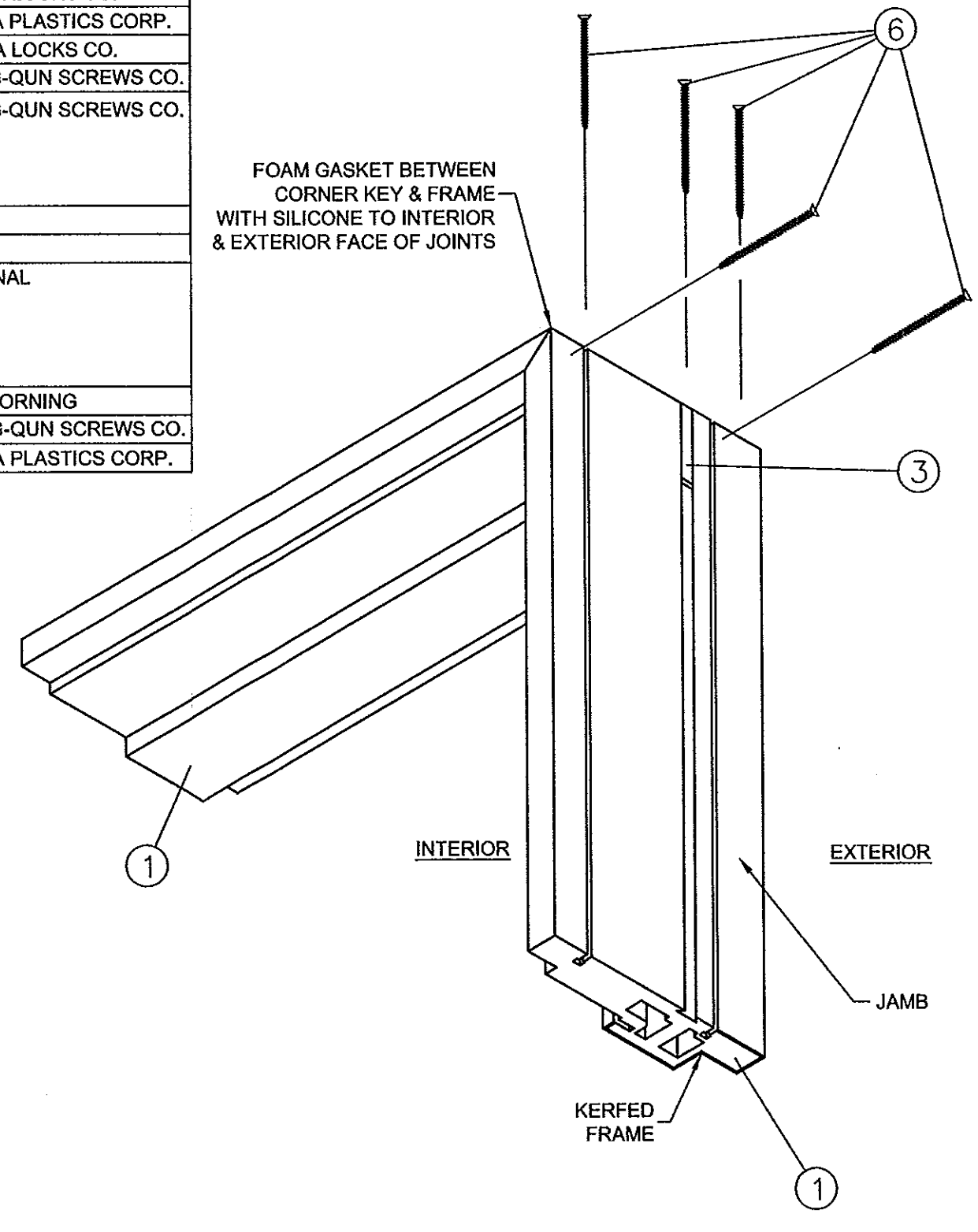


PRODUCT REVISED as complying with the Florida Building Code  
Acceptance No. 14-0708-03  
Expiration Date 3/31/2019  
By: [Signature]  
Miami Dade Product Control

| BILL OF MATERIALS |  |                  |                       |
|-------------------|--|------------------|-----------------------|
| NO.               | DESCRIPTION.   | MATERIAL         | MANUFACTURER          |
| 1                 | INSWING FRAME  | FOAM PVC CO-EX   | NAN-YA PLASTICS CORP. |
| 2                 | GLAZING BEAD   | FOAM PVC         | NAN-YA PLASTICS CORP. |
| 3                 | CORNER KEY   | DIE CAST         | MICOTA LOCKS CO.      |
| 4                 | MULLION  | FOAM PVC CO-EX   | NAN-YA PLASTICS CORP. |
| 5                 | MULLION COVER  | ALUMINUM 6063-T5 | MICOTA LOCKS CO.      |
| 6                 | #10 X 3" PFH SCREW   | STAINLESS STEEL  | ZHONG-QUN SCREWS CO.  |
| 7                 | #10 X 1" PFH SCREWS SPACED 2 3/4" & 8 3/4" FROM CORNERS @ JAMBS. 2 3/4" FROM CORNERS & 8 1/4" O.C. THEREAFTER @ HEAD/SILL FOR UNIT W/O MULLION & 2" FROM CORNERS & 8 5/8" O.C. THEREAFTER @ HEAD/SILL FOR UNIT W/ MULLIONS.        | STAINLESS STEEL  | ZHONG-QUN SCREWS CO.  |
| 8                 | #10 PFH INSTALLATION ANCHOR  | STEEL            | ----                  |
| 9                 | 3/16" ITW TAPCON ADVANCED THREADFORM SCREW   | STEEL            | ITW                   |
| 10                | 1" INSULATED GLASS UNIT CONSISTING OF:<br>1/8" EXTERIOR TEMPERED GLASS/ ARGON SPACE/<br>INTERIOR LAMINATED GLASS COMPRISED OF:<br>1/8" ANNEALED GLASS/ 0.090" SAFLEX PVB INTERLAYER BY<br>SOLUTIA/ 1/8" ANNEALED GLASS BY CARDINAL | GLASS            | CARDINAL              |
| 11                | BACKBEDDING DOW CORNING 995 SILICONE   | SILICONE         | DOW CORNING           |
| 12                | #10 X 2 1/2" PH. SQ. DRIVE HD. SCREWS  | STAINLESS STEEL  | ZHONG-QUN SCREWS CO.  |
| 13                | PLUG   | PVC              | NAN YA PLASTICS CORP. |



6 MULLION / FRAME HEAD DETAIL



CORNER DETAIL

|                                |              |
|--------------------------------|--------------|
| PROJECT NO. 414-0416           |              |
| REVISE TO CURRENT CODE - RENEW | 07/01/14 RJA |
| UPDATE TO 2010 FBC             | 04/16/12 TJH |
| REVISIONS PER MIAMI-DADE       | 06/03/09 BB  |
| DESCRIPTION                    | DATE         |
| REV                            | BY           |

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

IMPACT I.S. TRANSON  
BILL OF MATERIALS, CORNER SECTION & MULLION / FRAME HEAD DETAIL

DATE: 01/26/09  
DRAWN BY: BB  
SCALE: N.T.S.  
DRAWING NO: NAN0019  
SHEET: 5 OF 5

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

ROBERT JAMES AMORUSO  
LICENSE  
No 49752  
STATE OF FLORIDA  
PROFESSIONAL ENGINEER

PRODUCT REVISED as complying with the Florida Building Code  
Acceptance No 14-0708-03  
Expiration Date 12/15/2014  
By *Michael D. ...*  
Miami Dade Product Control