



MIAMI-DADE COUNTY
BUILDING CODE COMPLIANCE OFFICE (BCCO)
PRODUCT CONTROL DIVISION

MIAMI-DADE COUNTY, FLORIDA
METRO-DADE FLAGLER BUILDING
140 WEST FLAGLER STREET, SUITE 1603
MIAMI, FLORIDA 33130-1563
 (305) 375-2901 FAX (305) 372-6339

NOTICE OF ACCEPTANCE (NOA)

www.miamidade.gov/buildingcode

PlyLox, Inc.
P.O. Box 1749
Friendswood, TX 77549

SCOPE:

This NOA is being issued under the applicable rules and regulations governing the use of construction materials. The documentation submitted has been reviewed by Miami-Dade County Product Control Division and accepted by the Board of Rules and Appeals (BORA) 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 Division (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. BORA reserves the right to revoke this acceptance, if it is determined by Miami-Dade County Product Control Division 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: PlyLox Shutter System

APPROVAL DOCUMENT: Drawing titled "PlyLox Commercial Clips", Sheets 1 through 3 of 3, dated 09/04/09, prepared by PlyLox, Inc, signed and sealed by Scott Wolters, P.E., bearing the Miami-Dade County Product Control revision stamp with the Notice of Acceptance number and expiration date by the Miami-Dade County Product Control Division.

MISSILE IMPACT RATING: Large and Small Missile Impact Resistant

LABELING: Each unit shall bear the following permanent label:

PlyLox, Inc.
 1927-A County Road 129
 Pearland, TX 77581

and the statement: "Miami-Dade County Product Control Approved".

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 # 09-1014.14** and consists of this page 1 and evidence page E-1, as well as approval document mentioned above.

The submitted documentation was reviewed by **Carlos M. Utrera, P.E.**



Signature
 01/27/10

NOA No. 10-0112.01
Expiration Date: December 30, 2014
Approval Date: February 17, 2010
 Page 1

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

- A. DRAWINGS “Submitted under NOA # 09-1014.14”**
1. Drawing titled “PlyLox Commercial Clips”, Sheets 1 through 3 of 3, dated 09/04/09, prepared by PlyLox, Inc, signed and sealed by Scott Wolters, P.E.
- B. TESTS “Submitted under NOA # 09-1014.14”**
1. Test reports on 1) Uniform Static Air Pressure Test, Loading per FBC TAS 202-94
2) Large Missile Impact Test per FBC, TAS 201-94
3) Cyclic Wind Pressure Loading per FBC, TAS 203-94
Along with marked-up drawings and installation diagram of PlyLox Commercial Clips Shutter System, prepared by Hurricane Testing Lab, LLC, Test Report No. **T544-0401-09**, dated 07/08/09, signed and sealed by Steven R. Samuels, P.E.
- C. CALCULATIONS “Submitted under NOA # 09-1014.14”**
1. Anchorage verification calculations prepared by Wolters Engineering, Inc, dated 09/23/09, signed and sealed by Scott Wolters, P.E.
- D. QUALITY ASSURANCE**
1. Miami Dade Building Code Compliance Office (BCCO).
- E. MATERIAL CERTIFICATIONS**
1. None.
- F. STATEMENTS “Submitted under NOA # 09-1014.14”**
1. Code compliance letter issued by Wolters Engineering, Inc, dated 10/08/09, signed and sealed by Scott Wolters, P.E.
 2. No financial interest letter issued by Wolters Engineering, Inc, dated 10/08/09, signed and sealed by Scott Wolters, P.E.



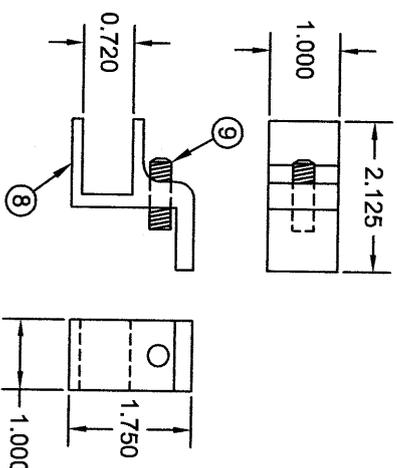
Carlos M. Utrera, P.E.
Product Control Examiner
NOA No. 10-0112.01
Expiration Date: December 30, 2014
Approval Date: February 17, 2010

GENERAL NOTES

1. THIS PLYLOX COMMERCIAL CLIP PRODUCT USED ON A STRUT-REINFORCED PLYWOOD PANEL ASSEMBLY FABRICATED AS DETAILED IN THIS DRAWING, MAY BE USED AS A SHUTTER SYSTEM.
2. THIS SHUTTER SYSTEM HAS BEEN TESTED TO TAS 201-94, TAS 202-94, AND TAS 203-94 (REF. HTL TEST REPORT T544-0401-09) AND MEETS THE REQUIREMENTS OF THE FLORIDA BUILDING CODE, 2007 EDITION, AS AN IMPACT RESISTANT COVERING.
3. THE SHUTTER SYSTEM MAY BE INSTALLED ON EXISTING GLAZED FENESTRATION PRODUCTS (BY OTHERS) WITH ALUMINUM (6063-T52 MINIMUM) FRAMING, AND PROVIDING A SEPARATION BETWEEN THE GLAZING AND SHUTTER SYSTEM AS SHOWN IN DETAIL B. THE STRUCTURAL ADEQUACY AND SUITABILITY OF THE FENESTRATION PRODUCT OR FRAMING ON WHICH THIS SHUTTER SYSTEM IS TO BE INSTALLED SHALL BE VERIFIED BY A LICENSED ENGINEER OR REGISTERED ARCHITECT AND APPROVED BY THE AUTHORITY HAVING JURISDICTION.
5. AN ALLOWABLE STRESS INCREASE HAS NOT BEEN USED IN THE ANCHOR ANALYSIS FOR THIS SYSTEM.
6. THE PLYWOOD AND STRUTS USED TO FABRICATE THE SHUTTER PANELS SHALL BE PROTECTED WITH SEALANT OR OTHER SUITABLE WATER-PROOFING METHOD TO ENSURE QUALITY AND PREVENT DETERIORATION OF THE SHUTTER SYSTEM. ALL SURFACES INCLUDING ENDS AND EDGES SHALL BE PROPERLY PROTECTED.
7. THE DESIGN PRESSURE OF THIS SHUTTER SYSTEM IS +/- 60.0 P.S.F.

PRODUCT REVISED
 as complying with the Florida
 Building Code
 Acceptance No. 10-0112-01
 Expiration Day 12/30/2014
 By [Signature]
 Miami Dade Product Control
 Division

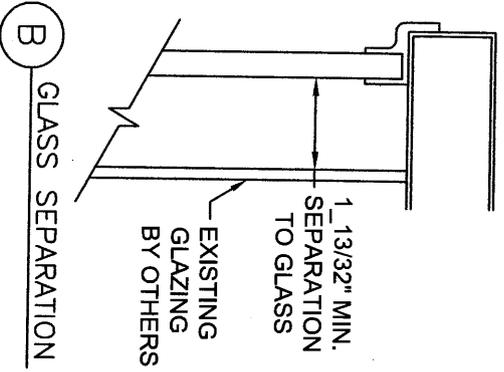
INDEX	
SHEET	DESCRIPTION
1	NOTES, BOM, DETAILS
2	DIMENSIONED ELEVATION
3	DETAILS



A DETAIL (PLYLOX COMMERCIAL CLIP)
 HALF SCALE

BILL OF MATERIALS

ITEM	SIZE AND DESCRIPTION	MATERIAL
1	4' X 8' X 23/32" PLYWOOD SHEATHING	HUD-UM-40 48/24 EXP. 1 MIN.
2	2' X 8' X 23/32" PLYWOOD SHEATHING	HUD-UM-40 48/24 EXP. 1 MIN.
3	1-1/2" X 8' X 23/32 PLYWOOD SPACER	HUD-UM-40 48/24 EXP. 1 MIN.
4	1' X 8' X 23/32 PLYWOOD SPLICE	HUD-UM-40 48/24 EXP. 1 MIN.
5	2X4 (NOMINAL) STRUT	SOUTHERN PINE SPIB No. 2 MIN.
6	4" X #10 EXTERIOR WOOD SCREWS	GRIP RITE PRIMEGUARD PTN4S
7	1-1/4" X #7 EXTERIOR WOOD SCREWS	DECKMATE
8	1.750" X2.125"X0.150" PLYLOX CLIP	6063-T6 ALUMINUM
9	1" X 5/16" X 18 SET SCREWS	STAINLESS STEEL
10	WELDBOND ADHESIVE	



B GLASS SEPARATION

Approved as complying with the
 Florida Building Code
 Date 12/30/09
 NOAH 07-1012-14
 Miami Dade Product Control
 Division
 By [Signature]

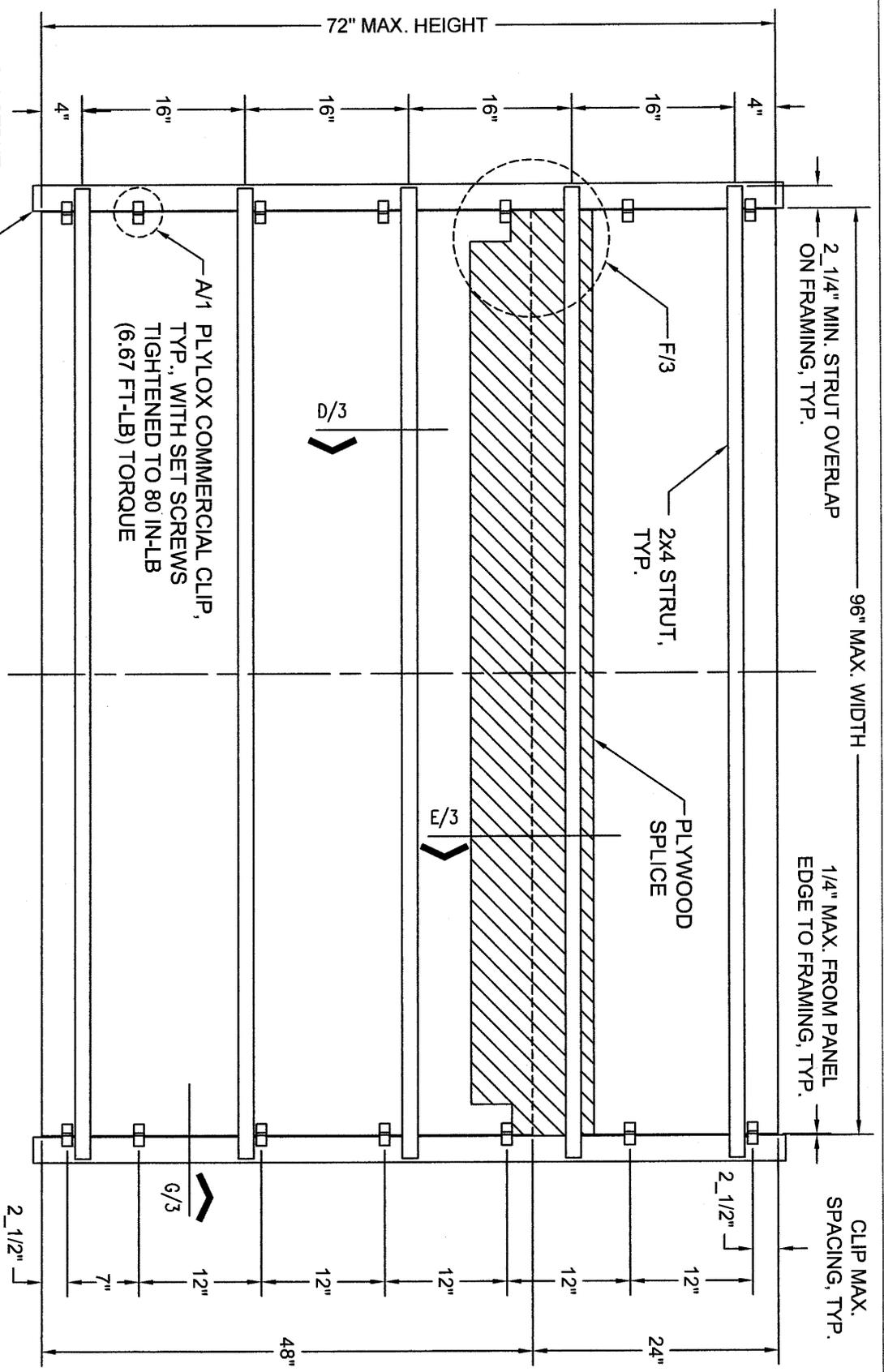
[Signature]
 SCOTT WOLTERS
 FL PE # 62354
 WOLTERS ENGINEERING, INC.
 (COA # 27194)
 1271 GRANT STREET
 HOLLYWOOD, FL 33019

PLYLOX, INC.
 PO BOX 1749
 FRIENDSWOOD, TX 77549
 (281) 996-6903 (O) (281) 992-4523

DATE: 9/4/2009	CAD FILE: H544-0901-09	REV. 1.0	DATE 9/4/2009	DESCRIPTION ORIGINAL DRAWING	BY	LAT
DRAWN BY: LAT	CHECKED BY:	DATE:	APPROVED BY:	DATE:		
SCALE: N.T.S.						

PLYLOX
 COMMERCIAL
 CLIPS
 NOTES, BOM
 SHEET
 1 OF 3

10-8-09



PRODUCT REVISED as complying with the Florida Building Code

Acceptance No 10-0112, 01

Expiration Date 12/30/2014

By *[Signature]*

Miami Dade Product Control Division

DESIGN PRESSURE OF SHUTTER SYSTEM: +/- 60.0 P.S.F.

Ⓢ DIMENSIONED ELEVATION

Approved as complying with the Florida Building Code

Date 12/30/09

NOA# 09-10474

Miami Dade Product Control Division

By *[Signature]*

Scott Wolters

SCOTT WOLTERS

FL PE # 62354

WOLTERS ENGINEERING, INC.

(COA # 27194)

1271 GRANT STREET

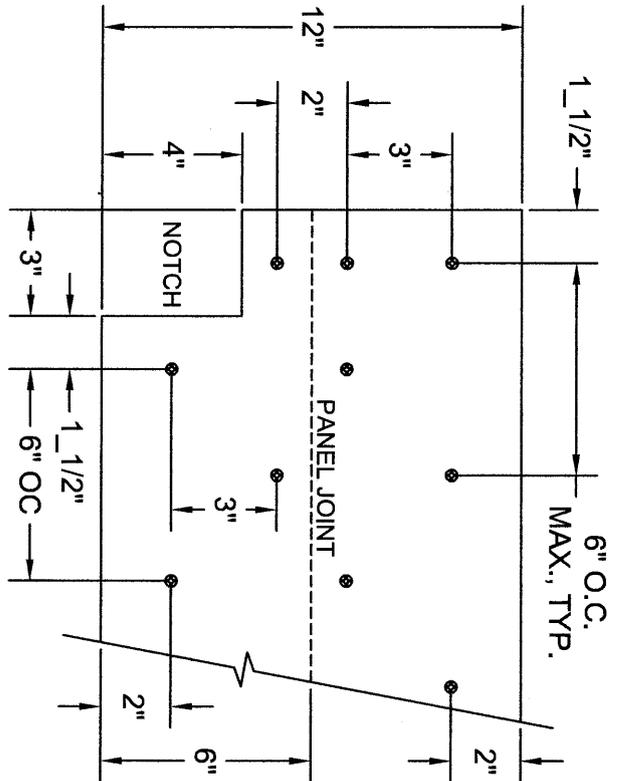
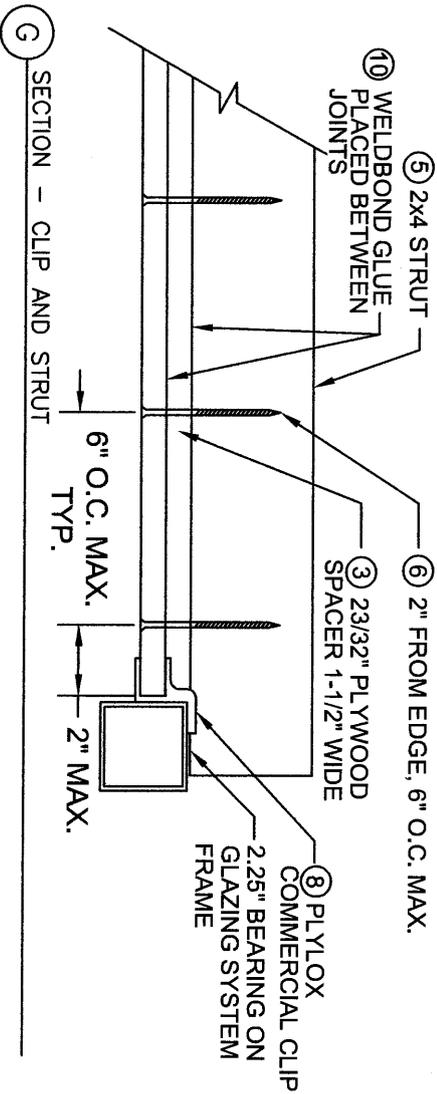
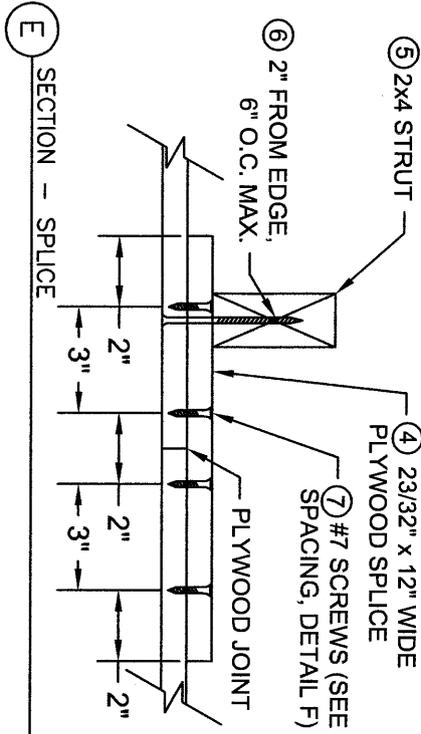
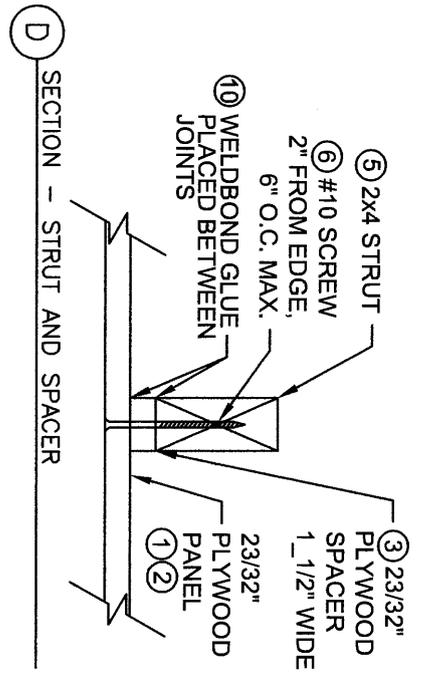
HOLLYWOOD, FL 33019

10-8-09

PLYLOX, INC. PO BOX 1749 FRIENDSWOOD, TX 77549 (281) 996-6903 (O) (281) 992-4523	DATE: 9/4/2009	CAD FILE: H544-0901-09	REV. 1.0	DATE 9/4/2009	DESCRIPTION ORIGINAL DRAWING	BY LAT
	DRAWN BY: LAT	CHECKED BY:	DATE:	APPROVED BY:	DATE:	
SCALE: N.T.S.						

PLYLOX COMMERCIAL CLIPS

ELEVATION SHEET 2 OF 3



PRODUCT REVISED
 as complying with the Florida
 Building Code
 Acceptance No 18-0112-01
 Expiration Date 12/30/2019
 By [Signature]
 Miami Trade Product Control
 Division

Approved as complying with the
 Florida Building Code
 Date 12/30/19
 NOA# 08-1014-14
 Miami Trade Product Control
 Division
 By [Signature]

[Signature]
 SCOTT WOLTERS
 FL PE # 62354
 WOLTERS ENGINEERING, INC.
 (COA # 27194)
 1271 GRANT STREET
 HOLLYWOOD, FL 33019

10-8-09

REV.	DATE	DESCRIPTION	BY
1.0	9/4/2009	ORIGINAL DRAWING	LAT

DATE: 9/4/2009	CAD FILE: H544-0901-09
DRAWN BY: LAT	CHECKED BY: DATE:
SCALE: N/A	APPROVED BY: DATE:

PLYLOX, INC.
 PO BOX 1749
 FRIENDSWOOD, TX 77549
 (281) 996-6903 (O) (281) 992-4523

PL YOX
 COMMERCIAL
 CLIPS
 DETAILS
 SHEET
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