



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) 375-2908
 www.buildingcodeonline.com

NOTICE OF ACCEPTANCE (NOA)

ODL Inc.
 215 East Roosevelt Avenue,
 Zeeland, MI 49464

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 the BCCO and accepted by the Building Code and Product Review Committee (BCPRC) 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 BCCO (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. BCPRC reserves the right to revoke this acceptance, if it is determined by BCCO 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: ODL/Western Reflection's "Non-Impact HP Polypropylene Lite-kit Assembly"-
 Component approval**

APPROVAL DOCUMENT: Drawing No. 18423, titled "Non-Impact Light Kit Assembly" sheets 1 through 4 of 4, dated 03/21/03 and last revised on 12-01-2005, prepared by RW Building Consultants, Inc., signed and sealed by Lyndon F. Schmidt, P.E., bearing the Miami-Dade County Product Control Approval stamp with the Notice of Acceptance number and approval date by the Miami-Dade County Product Control Division.

MISSILE IMPACT RATING: None. Hurricane Protection Device complying w/FBC as applicable zone is required.

Limitation: This kit is to be used w/ approved Non-Impact single glazed door system, having current NOA.

LABELING: Each unit shall bear a permanent label with the manufacturer's name or logo, city, state 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 consists of this page 1 and evidence pages E-1 as well as approval document mentioned above. The submitted documentation was reviewed by **Ishaq I. Chanda, P.E.**



NOA No 03-0415.19
Expiration Date: December 30, 2010
Approval Date: December 30, 2005
 Page 1

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

A. DRAWINGS

1. Manufacturer's die drawings and sections.
2. Drawing No. **18423**, titled "Non-Impact Light Kit Assembly" sheets 1 through 4 of 4, dated 03/21/03 and last revised on 12-01-2005, prepared by RW Building Consultants, Inc., signed and sealed by Lyndon F. Schmidt.

B. TESTS

1. Test reports on 1) Uniform Static Air Pressure Test, Loading per FBC, TAS 202-94 Along with installation diagrams of Lite kit System, prepared by Architectural Testing. Test Report No. **01-43278.01**, dated 03-11-03, signed and sealed by Joseph A. Reed, P. E. (This test report has been revised with addendum letter dated sep. 15, 2003, issued by Architectural Testing, signed and sealed by Joseph A. Reed, P. E.)
2. Additional reference test report
 - 1) Air Infiltration Test, per FBC, TAS 202-94
 - 2) Water Resistance Test, per FBC, TAS 202-94Along with installation diagrams of Lite kit System, prepared by Testing Evaluation Laboratories, Inc. Test Report No. **TEL 05-1011-1**, dated 10-11-05, signed and sealed by Wendell W. Haney, P. E.
3. Test report No. **01-43278.01** on fasteners "pull out" test per ASTM D-638 dated 03-11-03, issued by Architectural Testing, signed and sealed by Joseph A. Reed, P. E.
4. Tensile strength test for "Novaplas" plastic per ASTM D-638-02 dated Sep. 15, 2003, issued by Architectural Testing, signed and sealed by Joseph A. Reed, P. E.

C. CALCULATIONS:

1. Anchor verification calculation dated 04/03/03, prepared by RW Building Consultant, Inc, signed and sealed by Lyndon F. Schmidt, P.E.
2. Glazing complies with ASTM E-1300-02.

D. QUALITY ASSURANCE

1. Miami Dade Building Code Compliance Office (BCCO)

E. MATERIAL CERTIFICATIONS

1. Tensile strength test report for "NovaPlas" plastic per ASTM D-638-02, dated 12-12-2003 issued by Architectural Testing, signed and sealed by Joseph A. Reed, P. E.
2. Notice of Acceptance **02-1216.06** issued to ODL for "HP Polypropylene " lite frame, expiring Jan 17, 2006.

F. STATEMENTS

1. Statement letter of conformance and no financial interest dated 04/20/05, signed and sealed by Lyndon F. Schmidt, P.E.
2. Statement letters of Lab compliance, as part of above test reports.

G. OTHER

1. Test Proposal No. **02-0541**, approved by BCCO on October 10, 2002.
2. NOA # **02-1216.06** issued to ODL for "HP Polypropylene " lite frame, expiring Jan 17, 2006.

Ishaq I. Chanda

Ishaq I. Chanda, P.E.

Product Control Examiner

NOA No 03-0415.19

Expiration Date: December 30, 2010

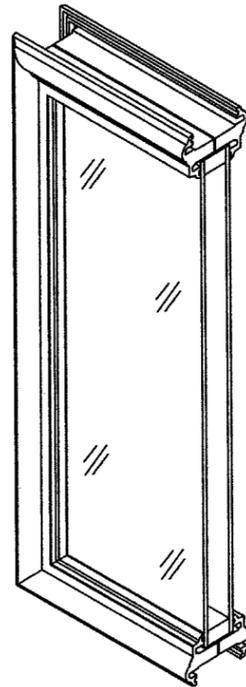
Approval Date: December 30, 2005

ODL 215 EAST ROOSEVELT
ZEELAND, MI 49464
PH: 616.772.9111 FAX: 616.772.3840
ODL/WESTERN REFLECTIONS

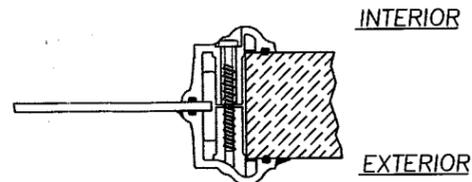
**NON-IMPACT DOOR GLASS ASSEMBLY
FOR GLAZING UP TO A 3'0" x 8'0" SINGLE PANEL**

GENERAL NOTES

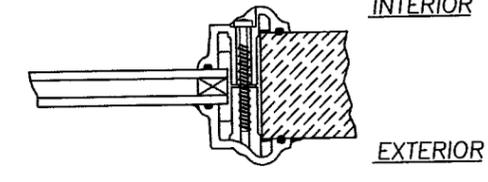
1. THIS PRODUCT IS DESIGNED TO MEET THE FLORIDA BUILDING CODE FOR HIGH VELOCITY HURRICANE ZONES.
2. PRODUCTS LISTED IN THIS NOA SHALL BE USED IN CONJUNCTION WITH CURRENT NOA'S UTILIZING SIMILAR COMPONENTS AND WILL BE LIMITED BY THE LESSER DESIGN PRESSURE. PRODUCTS CAN BE USED WITH FIBERGLASS, WOOD STILE AND STEEL SIDE HINGED SWING DOORS. SEE ELEVATIONS THIS SHEET.
3. FOR DESIGN PRESSURE RATINGS, SEE TABLE SHEET 1.



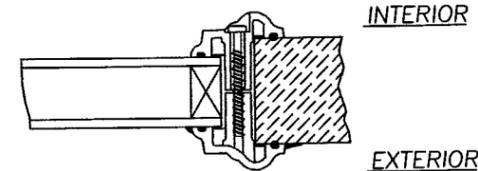
LIGHT DETAIL (TYP.)



GLAZING TYPE 1: 1/8" TEMPERED GLASS
SEE DETAIL A SHEET 2



GLAZING TYPE 2: 1/2" INSULATED
TEMPERED GLASS
SEE DETAIL B SHEET 2



GLAZING TYPE 3: 1" INSULATED
TEMPERED GLASS
SEE DETAIL C SHEET 2

LIMITATION:

1. THE "NON-IMPACT" LIGHT KIT ASSEMBLY, AS A COMPONENT, IS TO BE USED AS A SUBSTITUTE TO A SIMILAR DOOR LIGHT ASSEMBLY, IN AN ALREADY APPROVED NON-IMPACT SINGLE GLAZED DOOR SYSTEM, OF THE SAME OR SUPERIOR CONSTRUCTION, HAVING CURRENT NOA (NOTICE OF ACCEPTANCE).
2. THE LOWER DESIGN PRESSURE OF THIS COMPONENT OR THE APPROVED SYSTEM NOA WILL CONTROL.
3. THIS PRODUCT CANNOT BE APPROVED WITH OPAQUE DOOR SYSTEM NOA.
4. INSTALLATION OF THIS SYSTEM IN HVHZ AREA REQUIRES THE USE OF APPROVED SHUTTER/EXTERNAL PROTECTION DEVICE, COMPLYING WITH HVHZ REQUIREMENTS; INSTALLATION OF THIS SYSTEM OUTSIDE OF HVHZ, SHALL MEET THE APPLICABLE CODE REQUIREMENTS FOR WINDBORNE DEBRIS PROTECTION.

SPECIFICATION FOR LIGHT FRAME MATERIAL AND DOOR PANELS:

1. ODL/WESTERN REFLECTIONS HP POLYPROPYLENE LITE FRAME IS UNDER SEPARATE NOA.
2. SINGLE GLAZED DOOR PANELS SHOWN ARE UNDER SEPARATE DOOR SYSTEM NOA(S). THE DOOR PANELS MUST MEET FOLLOWING MINIMUM REQUIREMENTS TO BE QUALIFIED WITH THIS COMPONENT:

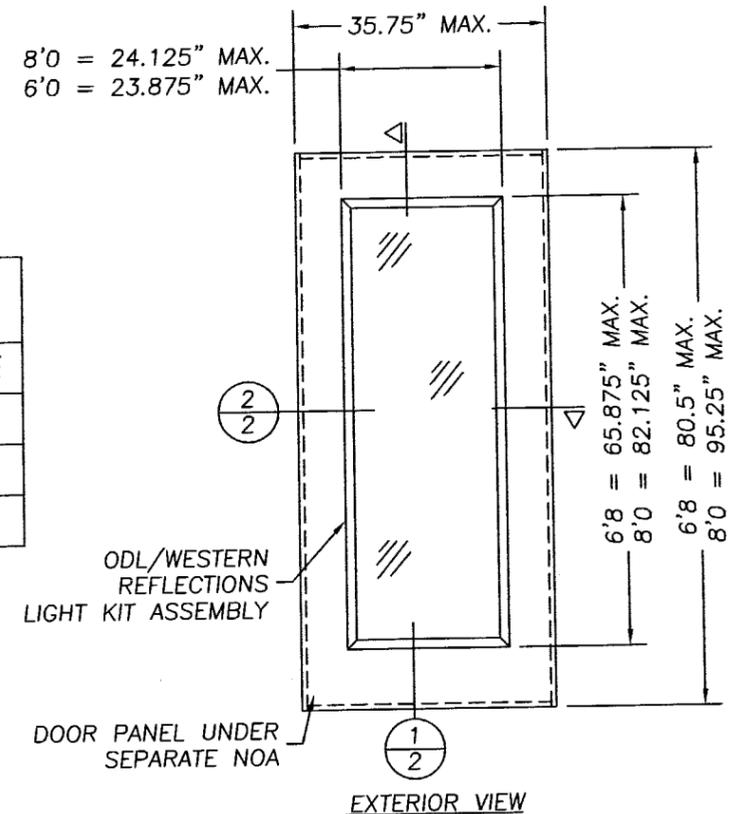
A. SINGLE GLAZED STEEL DOOR (1 3/4" MINIMUM PANEL THICKNESS)

1. STEEL FACE SHEET: 24 GAUGE (.022" MIN.) OR BETTER WITH Fy MIN = 37,944 psi.
2. STILE: PINE 1.67" WIDE x 1" THICK.
3. RAILS LVL 1.67" x 1" THICK.
4. FOAM CORE: APPROVED 2.0 #/FT^3 DENSITY POLYURETHANE OR 1.0 #/FT^3 DENSITY POLY STYRENE, COMPLYING TO FBC.

B. SINGLE GLAZED FIBERGLASS DOOR (1 3/4" MINIMUM PANEL THICKNESS)

1. FIBERGLASS FACE SHEET: .087" OR BETTER WITH Fy MIN = 4,328 psi.
2. STILE: PINE 1.531" x 1.183"
3. RAILS: WOOD COMPOSITE 1.531" x .94"
4. FOAM CORE: APPROVED 2.0 #/FT^3 DENSITY POLYURETHANE OR 1.0 #/FT^3 DENSITY POLY STYRENE, COMPLYING TO FBC.

LIGHT KIT COMPONENT DESIGN PRESSURE RATING	
GLAZING TYPE	DESIGN PRESSURE
TYPE 1	+ 60.0psf - 60.0psf
TYPE 2	+ 60.0psf - 60.0psf
TYPE 3	+ 60.0psf - 60.0psf



ODL/WESTERN REFLECTIONS
LIGHT KIT ASSEMBLY

DOOR PANEL UNDER
SEPARATE NOA

EXTERIOR VIEW

TABLE OF CONTENTS	
SHEET #	DESCRIPTION
1	GENERAL NOTES AND ELEVATIONS
2	CROSS SECTIONS & GLAZING DETAILS
3	8'0" KIT ANCHORS & SECTIONS
4	6'8" KIT ANCHORS & SECTIONS

Product Approval Documents Prepared By:

RW BUILDING CONSULTANTS, INC.
P.O. Box 230 Valrico FL, 33595
Phone No.: 813.659.9197
Florida Board of Professional Engineers
Certificate Of Authorization No. 9813
12-2-2005
Lyndon F. Schmidt, P.E. No. 43409

PRODUCT: NON-IMPACT
LIGHT KIT ASSEMBLY
UP TO 3'0" x 8'0" SINGLE PANEL
PART OR ASSEMBLY:
GENERAL NOTES &
ELEVATIONS

NO.	DATE	REVISIONS
5	12/01/05	REVISED MAX. HOLE CENTERLINES
4	04/04/05	ADD SHEET 4 AND SECTIONS
3	11/05/03	REVISED DOOR PANEL SPECS
2	7/03/03	REVISED PER DADE COMMENTS
1	04/12/03	RELEASE FOR PRODUCTION

DATE: 3/21/03

SCALE: N.T.S.

DWG. BY: —

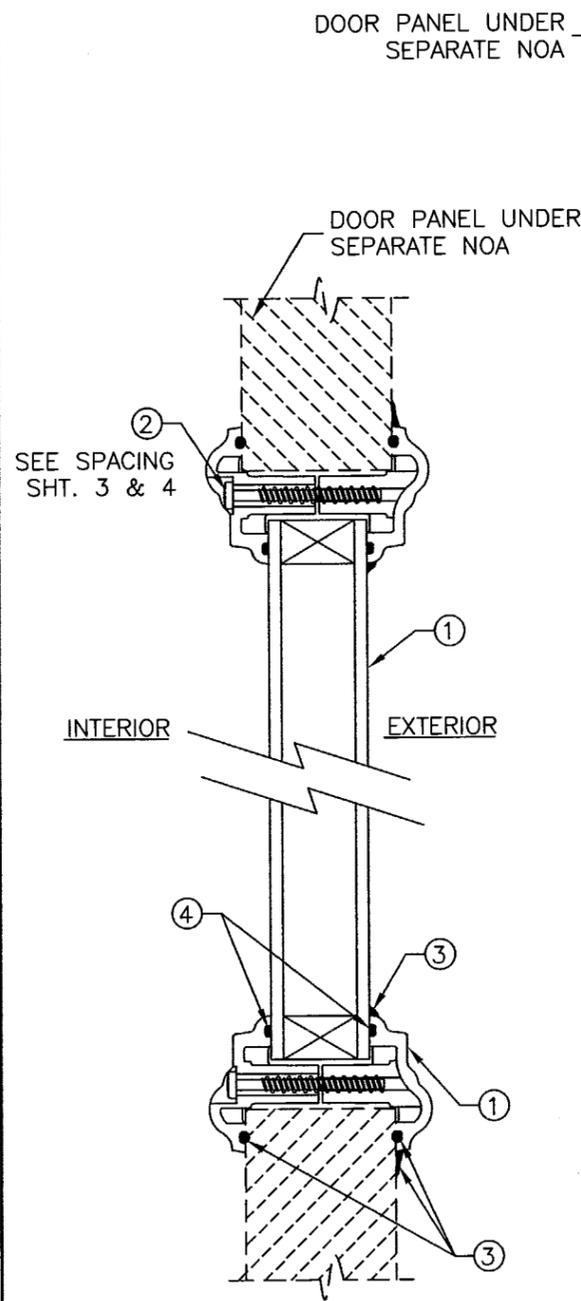
CHK. BY: —

DRAWING NO.: 18423

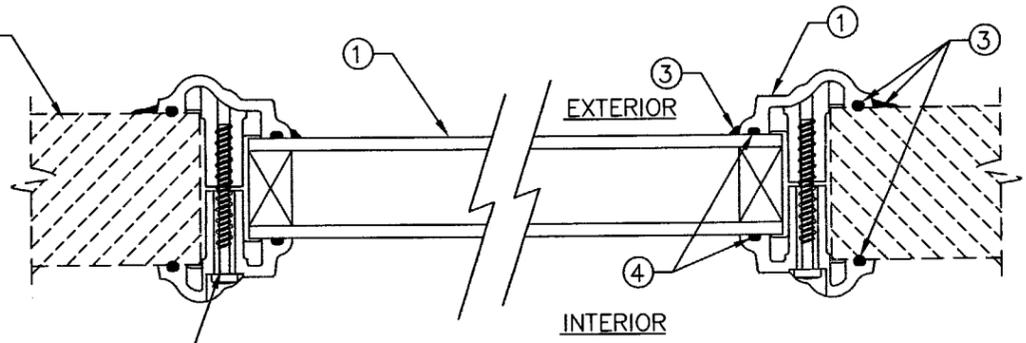
SHEET 1 OF 4

Approved as complying with the
Florida Building Code
Date DECEMBER 30, 2005
NOA# 03-0415-19
Miami Dade Product Control
Division
By Shaq. Chandy

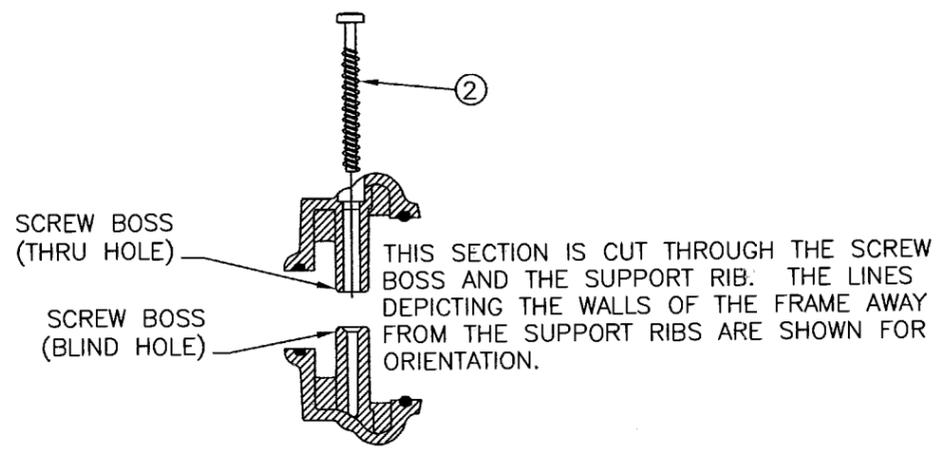
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1 VERTICAL CROSS SECTION
2 CROSS SECTION SHOWN W/1" GLASS SEE GLAZING DETAILS FOR OTHER GLASS SIZES

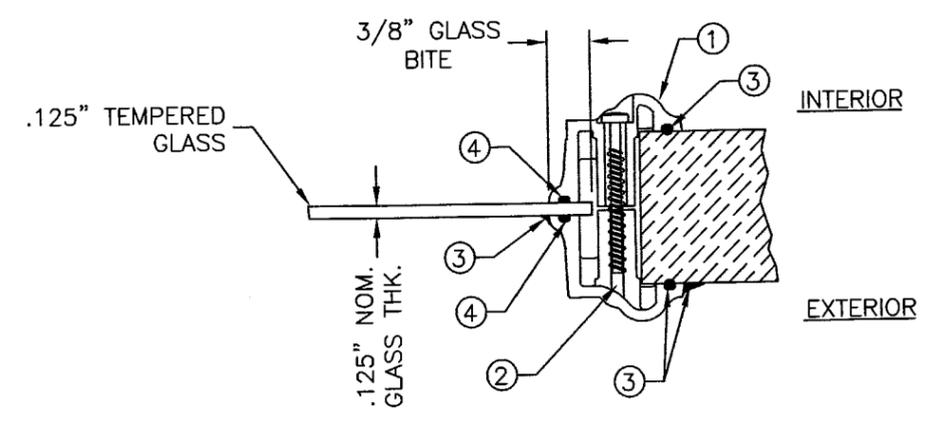


2 HORIZONTAL CROSS SECTION
2 CROSS SECTION SHOWN W/1" GLASS SEE GLAZING DETAILS FOR OTHER GLASS SIZES

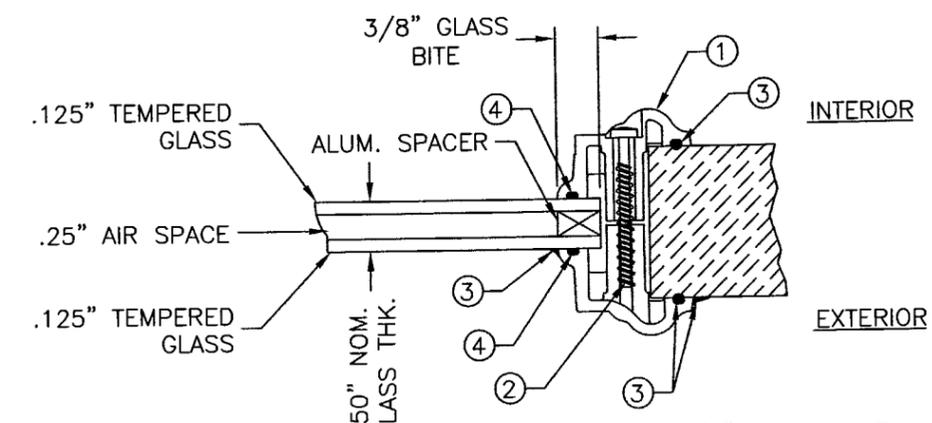


ODL/WESTERN REFLECTIONS NON-IMPACT LIGHT FRAME INJECTED MOLDED HP POLYPROPYLENE

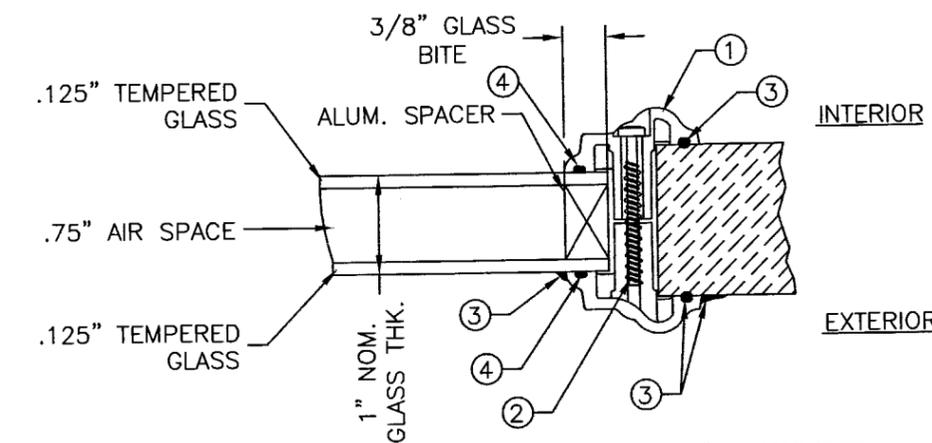
ITEM	DESCRIPTION	MATERIAL
1	NON-IMPACT LIGHT KIT GLASS ASSEMBLY W/1/8" TEMP, 1/2" INSUL. TEMP. OR 1" INSUL. TEMP. GLASS BY ODL/WESTERN REFLECTIONS	-
2	#8 x 1 1/2" PHILIPS PAN HEAD SCREW	STEEL
3	STRUCTURAL SILICONE DOW #995	SILICONE
4	GLAZING COMPOUND BUTYL FOR ODL BY ADCO	BUTYL



GLAZING TYPE 1: 1/8" TEMPERED GLASS GLAZING DETAIL A



GLAZING TYPE 2: 1/2" INSULATED TEMPERED GLASS GLAZING DETAIL B



GLAZING TYPE 3: 1" INSULATED TEMPERED GLASS GLAZING DETAIL C

Approved as complying with the Florida Building Code
Date Dec 30, 2005
NOA# 03-0415-19
Miami Code Product Control
By Ismael J. Chanda

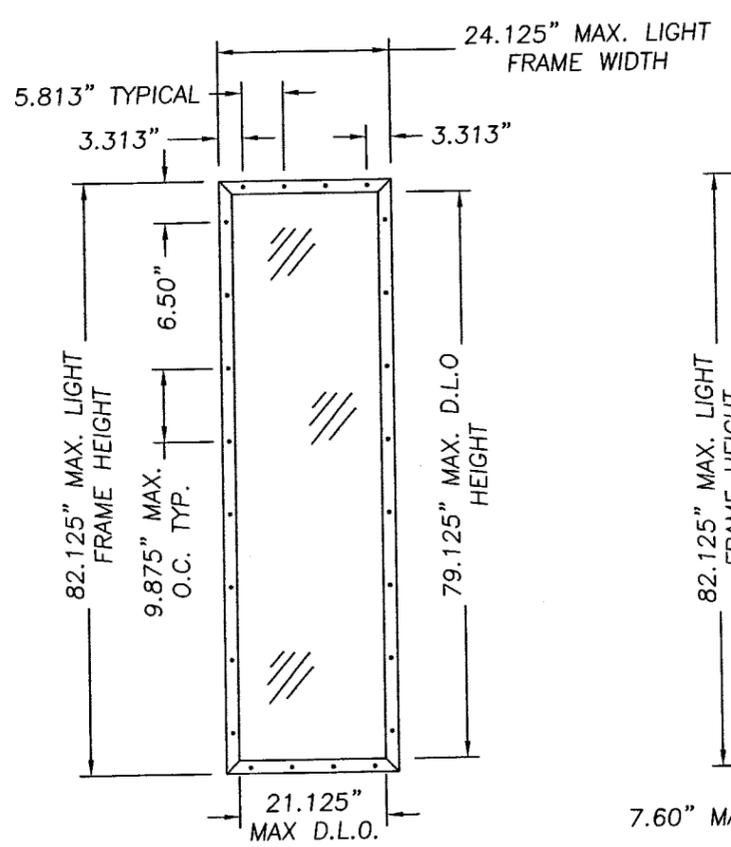
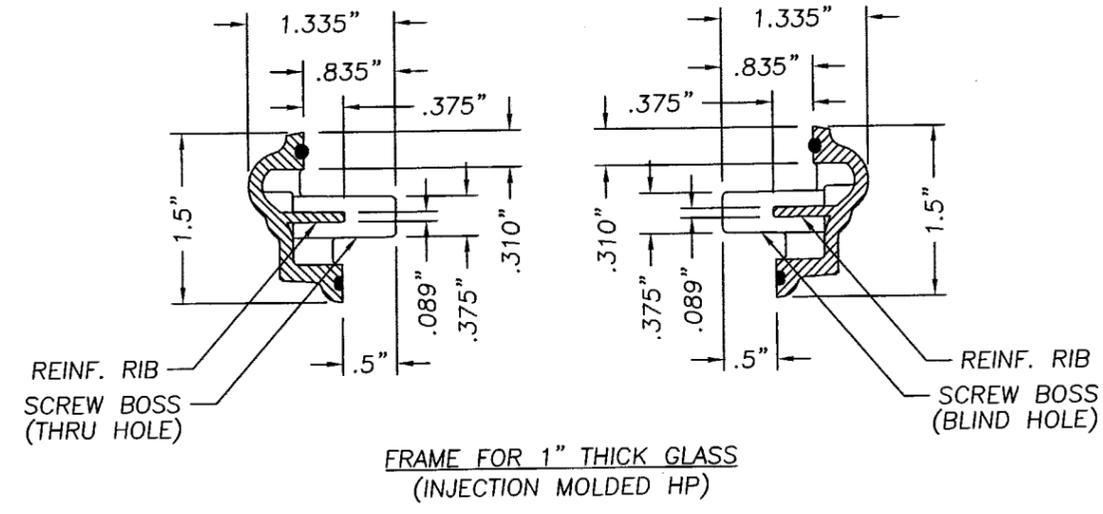
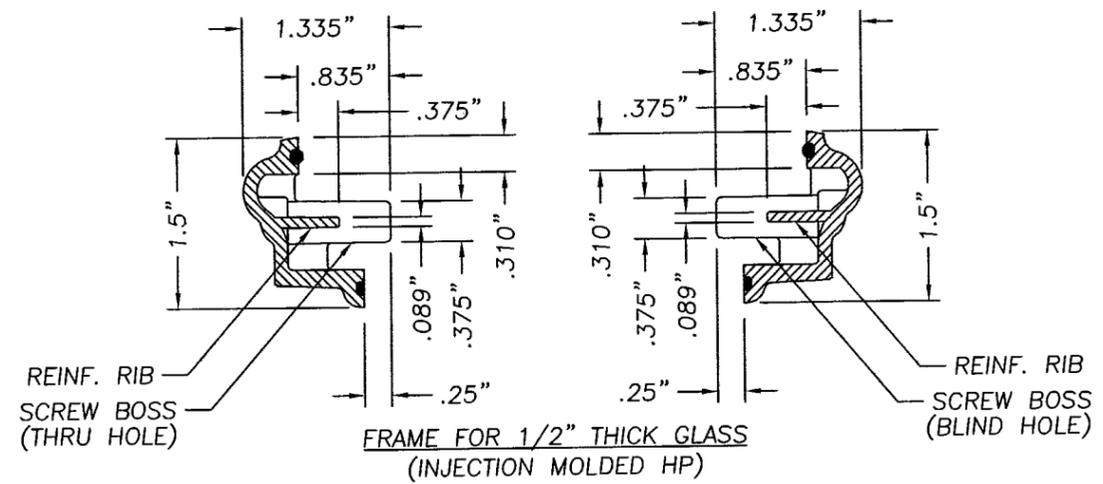
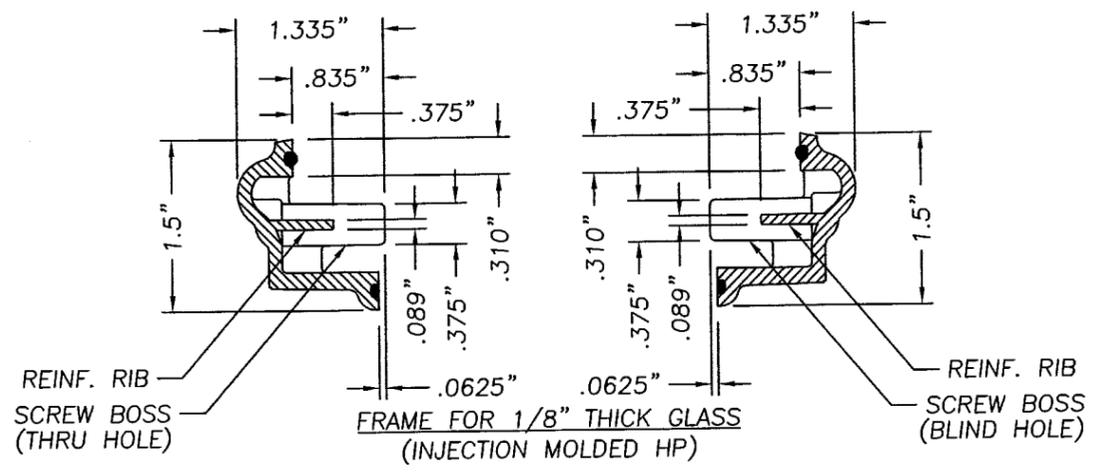
Product Approval Documents Prepared By:
BUILDING CONSULTANTS, INC.
 P.O. Box 230 Valrico FL 33595
 Phone No.: 813.659.9197
 Florida Board of Professional Engineers
 Certificate of Authorization No. 9813
RW
 Lyndon F. Schmidt, P.E. No. 43409

PRODUCT: NON-IMPACT LIGHT KIT ASSEMBLY UP TO 3'0" x 8'0" SINGLE PANEL PART OR ASSEMBLY: CROSS SECTIONS & GLAZING DETAILS

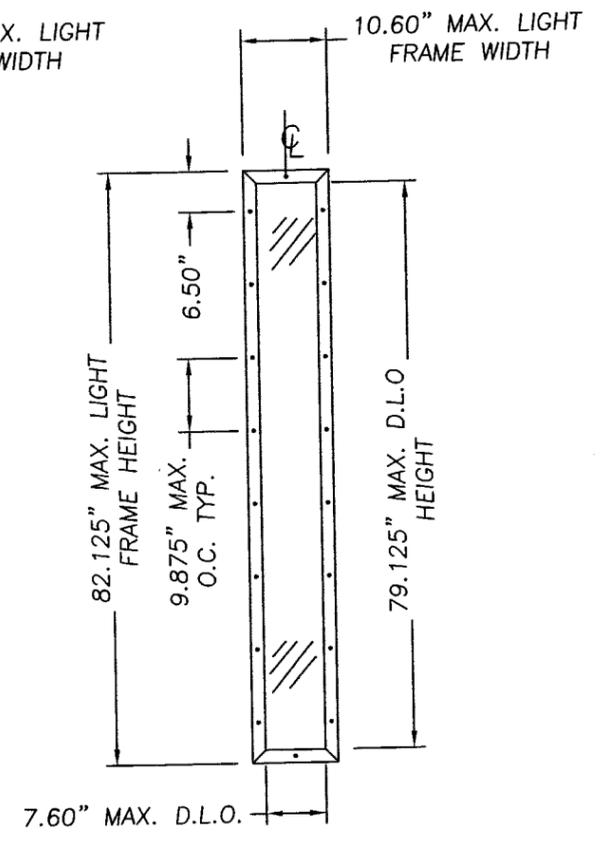
NO.	DATE	REVISIONS
5	12/01/05	REVISED MAX. HOLE CENTERLINES
4	04/04/05	ADD SHEET 4 AND SECTIONS
3	11/05/03	REVISED DOOR PANEL SPECS
2	7/03/03	REVISED PER DADE COMMENTS
1	04/12/03	RELEASE FOR PRODUCTION

DATE: 3/21/03
 SCALE: N.T.S.
 DWG. BY: -
 CHK. BY: -
 DRAWING NO.: 18423
 SHEET 2 OF 4

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8'0 KIT
24.125" x 82.125"



8'0 KIT
10.60" x 82.125"

Product Approval Documents Prepared By:
BUILDING CONSULTANTS, INC.
 P.O. Box 230 Valrico FL 33595
 Phone No.: 813.659.9197
 Florida Board of Professional Engineers
 Certificate Of Authorization No. 9813
LFS
 Lyndon F. Schmidt, P.E. No. 43409

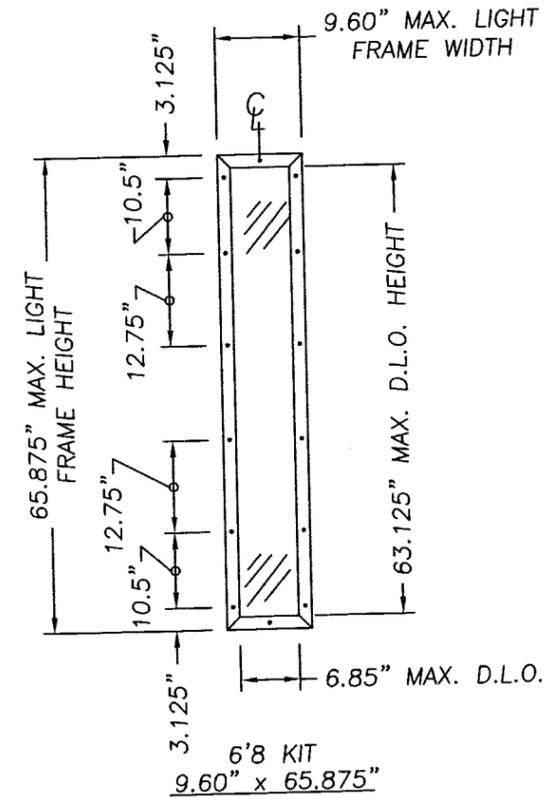
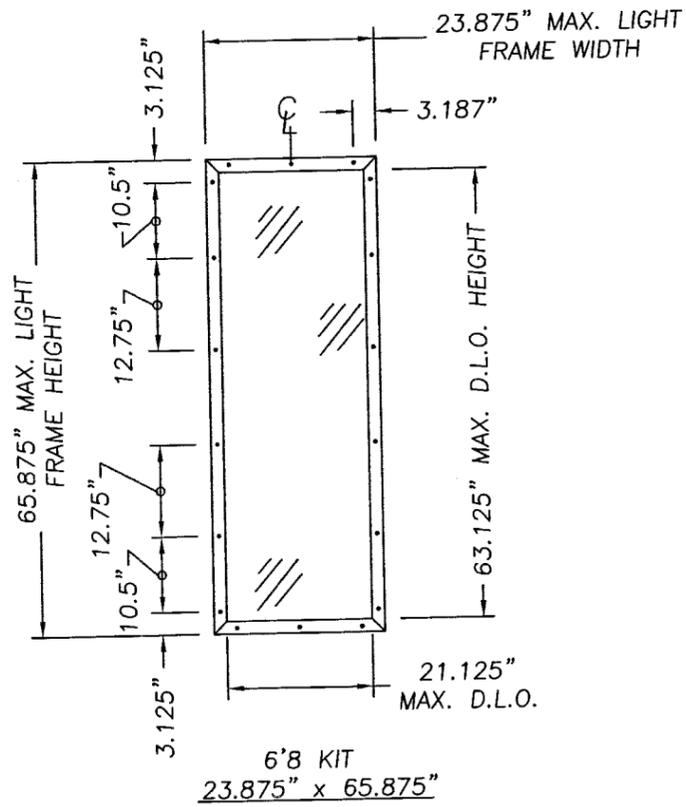
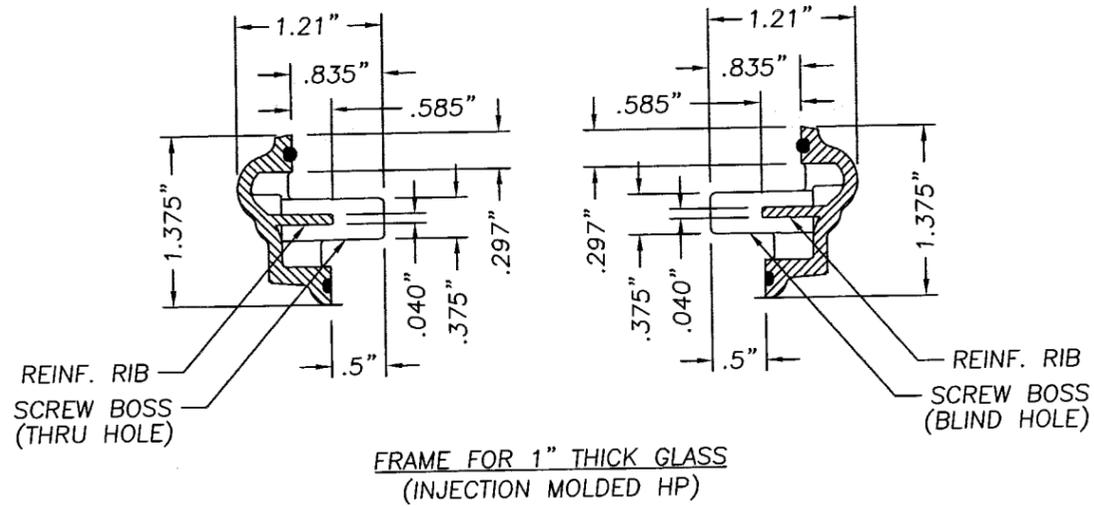
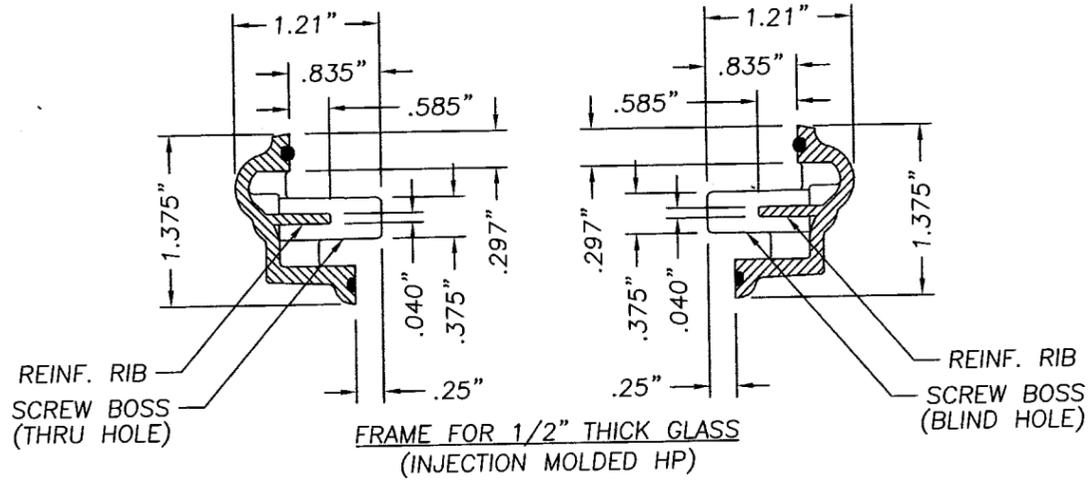
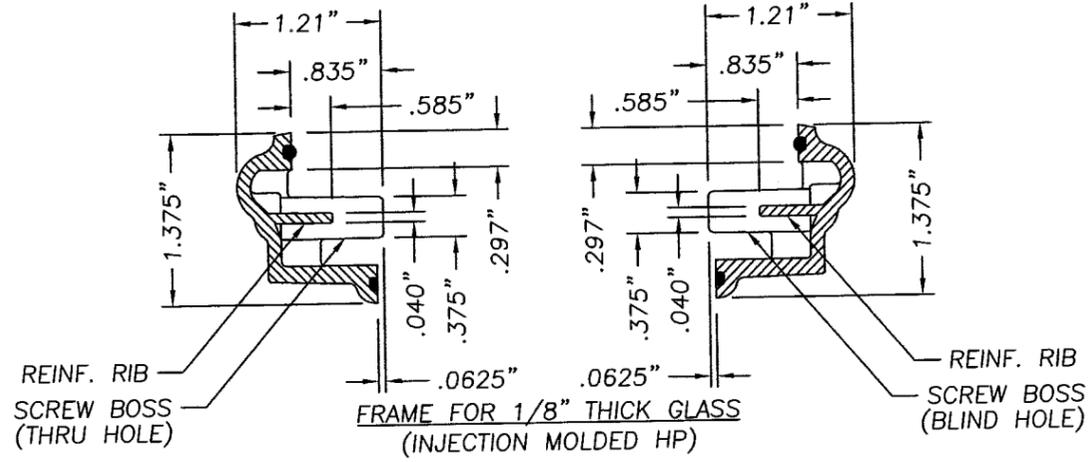
PRODUCT:
 NON-IMPACT
 LIGHT KIT ASSEMBLY
 UP TO 3'0 x 8'0 SINGLE PANEL
 PART OR ASSEMBLY:
 8'0" KIT ANCHORING AND
 CROSS-SECTIONS

NO.	DATE	REVISIONS
5	12/01/05	REVISED MAX. HOLE CENTERLINES
4	04/04/05	ADD SHEET 4 AND SECTIONS
3	11/05/03	REVISED DOOR PANEL SPECS
2	7/03/03	REVISED PER DADE COMMENTS
1	04/12/03	RELEASE FOR PRODUCTION
		BY

DATE: 3/21/03
 SCALE: N.T.S.
 DWG. BY: -
 CHK. BY: -
 DRAWING NO.: 18423
 SHEET 3 OF 4

Approved as complying with the
 Florida Building Code
 Date DEC 20, 2005
 NOA# 02-0415-19
 Miami Dade Product Control
 Division
 By Shaggy J. Llanos

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Approved as complying with the Florida Building Code
 Date DEC 30, 2005
 NOA# 03-0415-19
 Miami Dade Product Control
 Division
 By Isaac J. Chanda

DATE:	3/21/03
SCALE:	N.T.S.
DWG. BY:	-
CHK. BY:	-
DRAWING NO.:	18423
SHEET	4 OF 4

Product Approval Documents Prepared By:
RW
 BUILDING CONSULTANTS, INC.
 P.O. Box 230 Vairico FL 33595
 Phone No.: 813.659.9197
 Florida Board of Professional Engineers
 Certificate Of Authorization No. 9813
 Lyndon F. Schmidt, P.E. No. 43409

PRODUCT:		NON-IMPACT LIGHT KIT ASSEMBLY UP TO 3'0 x 8'0 SINGLE PANEL PART OR ASSEMBLY:	
REVISIONS		6'8" KIT ANCHORING AND CROSS-SECTIONS	
NO.	DATE	EW	BY
5	12/01/05	REVISED MAX. HOLE CENTERLINES	
4	04/04/05	ADD SHEET 4 AND SECTIONS	
3	11/05/03	REVISED DOOR PANEL SPECS	
2	7/03/03	REVISED PER DADE COMMENTS	
1	04/12/03	RELEASE FOR PRODUCTION	