



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

Peetz Windows and Doors, Inc.
 15951 S.W. 41 Street, Suite 150
 Weston, FL 33331

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 Oversized Aluminum Fixed Windows– L.M.I.

APPROVAL DOCUMENT: Drawing No. **1918**, titled "Oversized Aluminum Framed Fixed Impact Direct glazed Windows", sheets 1 thru 2 of 2, dated SEP 17, 2016, prepared by W. W. Schafer Engineering & Consulting, P. A., signed and sealed by Warren W. Schafer, 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 Section.

MISSILE IMPACT RATING: Large and Small Missile Impact Resistant

Limitations:

1. See Design Pressure (DP) table based on sizes and glass options in sheet 1.
2. See sheet 2 for glazing detail, IG (Insulated glass) set back and M5 x 5/16" OC screw requirement.
3. Structural adequacy of the substrates at head/sill to be reviewed by AHJ.

LABELING: Each unit shall bear a permanent label with the manufacturer's name or logo, Kall/Eifel, Germany and 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 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.**



9/20/16

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

A. DRAWINGS

1. Manufacturer's die drawings and sections.
2. Drawing No. **1918**, titled "Oversized Aluminum Framed Fixed Impact Direct glazed Windows", sheets 1 thru 2 of 2, dated SEP 17, 2016, prepared by W. W. Schafer Engineering & Consulting, P. A., signed and sealed by Warren W. Schafer, 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

along with the manufacturer's parts drawings, installation diagram and marked-up drawings of a Steel bar muller windows, rectangular and Arch shape windows, prepared by Intertek/Architectural Testing, Test Report No. **F-6122.01-450-18**, dated 05/20/16, signed & sealed by Charles Anderson, P.E.

Note: (This test report has been revised by an addendum letter dated SEP 07, 2016, issued by Intertek/Architectural Testing)

C. CALCULATIONS

1. Anchor verification calculations complying w/ FBC-2014 (**5th Edition**), dated JUN 14, 2016 and last revised on AUG 19, 2016, prepared, signed and sealed by Warren W. Schafer, P.E.

D. QUALITY ASSURANCE

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

E. MATERIAL CERTIFICATIONS

1. Notice of Acceptance No. **14-0916.11** issued to **Kuraray America, Inc.** (Former E.I. DuPont DeNemours & Co., Inc. for the "**Sentry Glass ® (Clear and White) Glass Interlayers**", expiring on 07/04/18.
2. Notice of Acceptance No. **14-0423.15** issued to Eastman Chemical Company (MA), former Solutia Inc. for their "**Saflex CP – Saflex and Saflex HP Composite Glass Interlayers with PET Core**", expiring on 12/11/18.

F. STATEMENTS

1. Statement letter of conformance to FBC 2014(**5th Edition**) and letter of no financial interest, prepared by W. W. Schaefer Engineering & Consulting, P.A., dated MAY 31, 2016, signed and sealed by Warren W. Schaefer, P.E.
2. Distributor Agreement dated MAY 23, 2016, between Helmut Peetz, GMBH and Peetz Windows and Doors, Inc., signed respectively by Christian Peetz, President of Helmut Peetz, GmbH, and by Eva Leon, V. P. of Peetz Windows and Doors, Inc.
3. Lab compliance as part of the above referenced test report.

G. OTHER

1. E-mail Test Proposals dated DEC 05, 2016, approved by Jaime D. Gascon, P.E.


Ishaq I. Chanda, P.E.

Product Control Examiner
NOA No. 16-0617.08

Expiration Date: September 29, 2021
Approval Date: September 29, 2016

GENERAL NOTES:

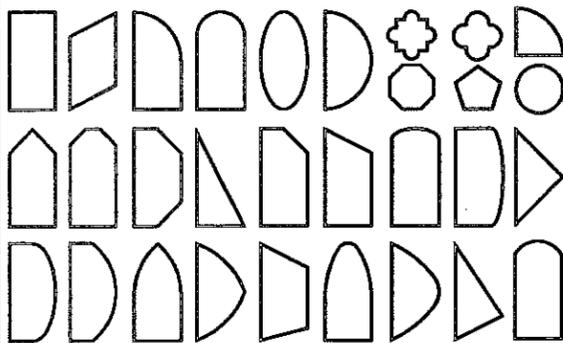
1. THIS PRODUCT HAS BEEN TESTED, ANALYZED & APPROVED FOR DESIGN PRESSURES NOT TO EXCEED THOSE SHOWN IN THE "ALLOWABLE DESIGN PRESSURE TABLE(S)".
2. OPENINGS, BUCKING & BUCKING FASTENERS MUST BE PROPERLY DESIGNED & INSTALLED TO TRANSFER WIND LOADS TO THE STRUCTURE.
3. ALL HARDWARE & FASTENERS SHALL BE IN ACCORDANCE WITH THESE DRAWINGS & SHALL NOT VARY UNLESS SPECIFICALLY MENTIONED ON THE DRAWINGS. SPECIFIED ANCHOR EMBED TO BASE MATERIAL SHALL BE BEYOND WALL FINISH OR STUCCO.
4. THE DETAILS & SPECIFICATIONS SHOWN HEREIN REPRESENT THE PRODUCTS TESTED & PROPOSED FOR CONFORMANCE WITH THE FLORIDA BUILDING CODE PROTOCOLS TAS-201, 202 & 203 FOR LARGE MISSILE IMPACT PRODUCTS.
5. THIS PRODUCT HAS BEEN DESIGNED IN ACCORDANCE WITH AND MEETS THE REQUIREMENTS OF THE FLORIDA BUILDING CODE (FBC) INCLUDING HIGH VELOCITY HURRICANE ZONES (HVHZ).
6. IMPACT SHUTTERS ARE NOT REQUIRED WITH THIS PRODUCT.
7. ALL ANCHORS SECURING PRODUCT FRAMES TO PRESSURE TREATED BUCKS OR WOOD FRAMING SHALL BE CAPABLE OF RESISTING CORROSION CAUSED BY THE PRESSURE TREATING CHEMICALS IN THE WOOD.
8. DETERMINE THE POSITIVE & NEGATIVE DESIGN LOADS TO USE WHEN REFERENCING THESE DOCUMENTS IN ACCORDANCE WITH THE GOVERNING CODE AND GOVERNING WIND VELOCITY. FOR WIND LOAD CALCULATIONS IN ACCORDANCE WITH THE FLORIDA BUILDING CODE, A DIRECTIONALITY FACTOR OF $K_d = 0.85$ MAY BE APPLIED PER THE ASCE-7 STANDARD.
9. NO INCREASE IN ALLOWABLE STRESS HAS BEEN USED IN THE CERTIFICATION OF THIS PRODUCT. WIND LOAD DURATION FACTOR $C_d = 1.6$ WAS USED FOR WOOD SCREW ANALYSIS ONLY.
10. MATERIALS, INCLUDING BUT NOT LIMITED TO STEEL SCREWS, THAT COME INTO CONTACT WITH OTHER DISSIMILAR MATERIALS SHALL MEET THE REQUIREMENTS OF FLORIDA BUILDING CODE.

ALLOWABLE SINGLE WINDOW SIZE & PRESSURE TABLE

MAXIMUM FRAME LONG DIMENSION (IN.)	MAXIMUM FRAME SHORT DIMENSION (IN.)	ALLOWABLE PRESSURE (+/- PSF)	
		GLASS OPTIONS 1, 2, 3 & 4	GLASS OPTIONS 5 & 6
144	91	75.0	N/A
	72	75.0	75.0
132	99	75.0	N/A
	78.5	75.0	75.0

1. SEE GLAZING DETAILS FOR GLASS OPTIONS.
2. "N/A" DESIGNATES A SIZE NOT APPLICABLE TO THAT GLASS OPTION.
3. WINDOW SIZES SHOWN ARE MAXIMUM SIZES. SMALLER SIZES SHALL APPLY TO LOADS EQUAL TO THE NEAREST LARGER SIZE SHOWN IN TABLE.
4. LONG DIMENSION MAY BE HORIZONTAL OR VERTICAL

APPROVED SHAPES



NOTES:

1. OTHER SHAPES MAY APPLY PROVIDING THEY ARE SIMILAR TO THOSE SHOWN & HAVE CORNER CONSTRUCTION AS DESCRIBED IN THIS DRAWING.
2. ALL SHAPED UNITS MUST FIT INSCRIBED INTO THE ALLOWABLE RECTANGULAR UNITS & BE GOVERNED BY THE ALLOWABLE PRESSURE OF THE RESPECTIVE RECTANGULAR UNIT.

CORNER CONSTRUCTION:

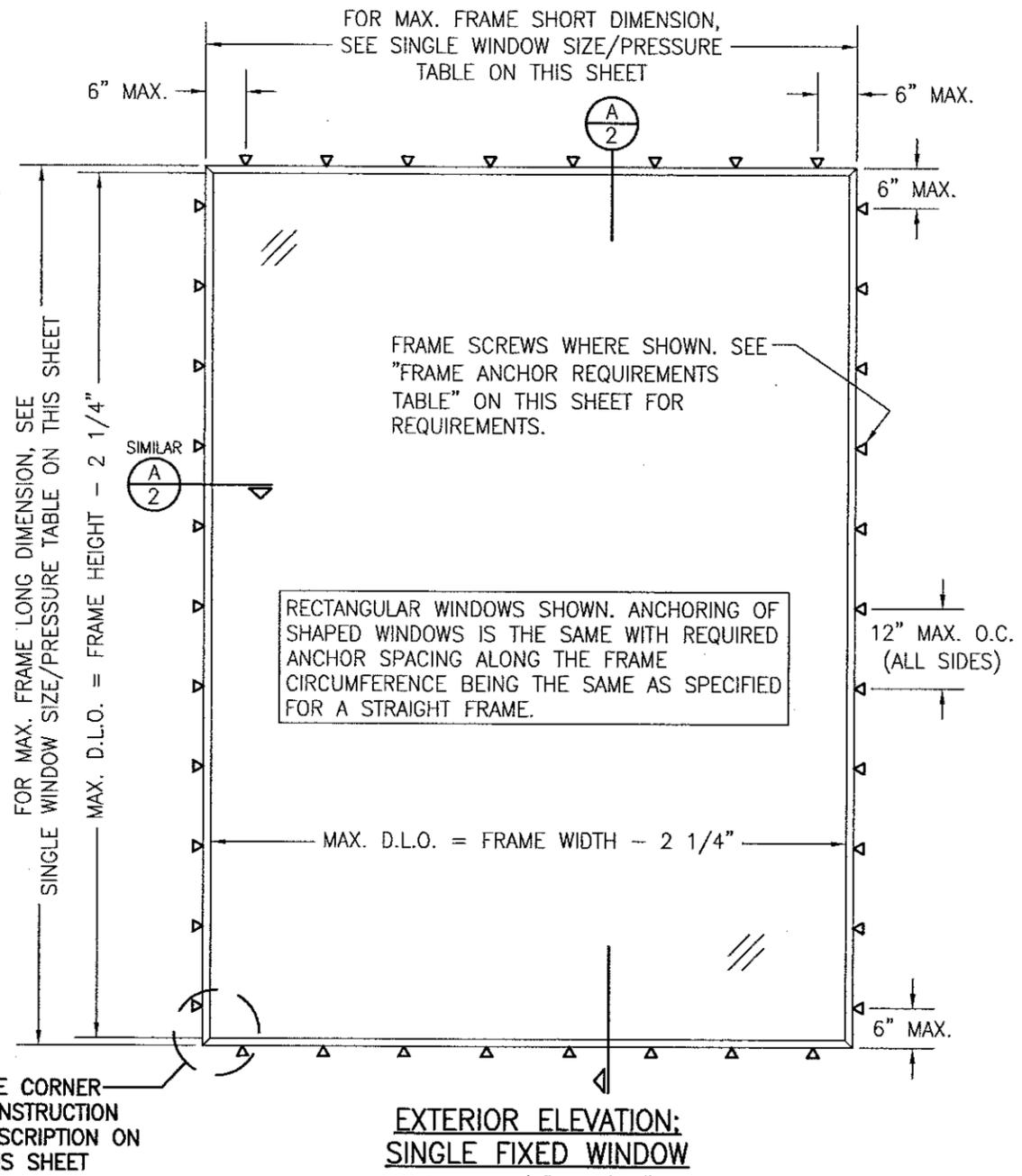
EACH CORNER IS MITERED, SECURED WITH A 1.18" X 1.18" X 0.1" X 3.15" LONG STAINLESS STEEL ANGLE AND SEALED WITH SIKASIL SG20 SEALANT. EACH ANGLE LEG IS FASTENED TO THE FRAME MEMBER WITH THREE(3) M5 X 5/16" MACHINE SCREWS.

FRAME ANCHOR REQUIREMENTS TABLE

FRAME SCREWS

OPENING TYPE (SUBSTRATE)	FRAME TO OPENING FASTENER TYPE	MINIMUM EMBED	MINIMUM EDGE DIST.
MIN. 2X4 WOOD FRAME OR BUCK (MIN. GR. 3 & G=0.55)	NO. 14 SMS OR WOOD SCREW	1 1/4"	1"
MIN. 16 GA. 50 KSI METAL STUD	1/4" GR. 5 SELF TAP/DRILL SCREW	FULL	1/2"
MIN. 1/8" THK A36 STEEL	1/4" GR. 5 SELF TAP/DRILL SCREW	FULL	1/2"
MIN. 1/8" THK 6063-T5 ALUM.	1/4" GR. 5 SELF TAP/DRILL SCREW	FULL	1/2"
MIN. C-90 CONCRETE FILLED CMU OR 2500 PSI CONCRETE	(1) 1/4" CONCRETE SCREW	1 1/2"	2 1/2"

(1) CONCRETE SCREWS SHALL BE ELCO ULTRACONS (C.S.), ELCO CRETE-FLEX (S.S.), ITW RAMSET/RED HEAD TAPCONS (C.S. OR S.S.) OR HILTI KWIK-CON II (C.S OR S.S.).

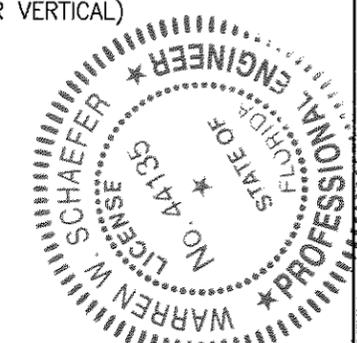


**EXTERIOR ELEVATION:
SINGLE FIXED WINDOW**

SCALE: 1/2" = 1'-0"

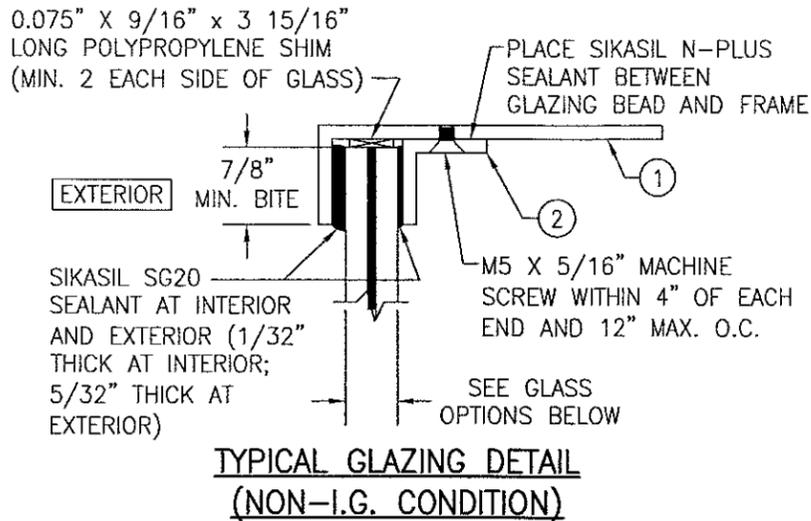
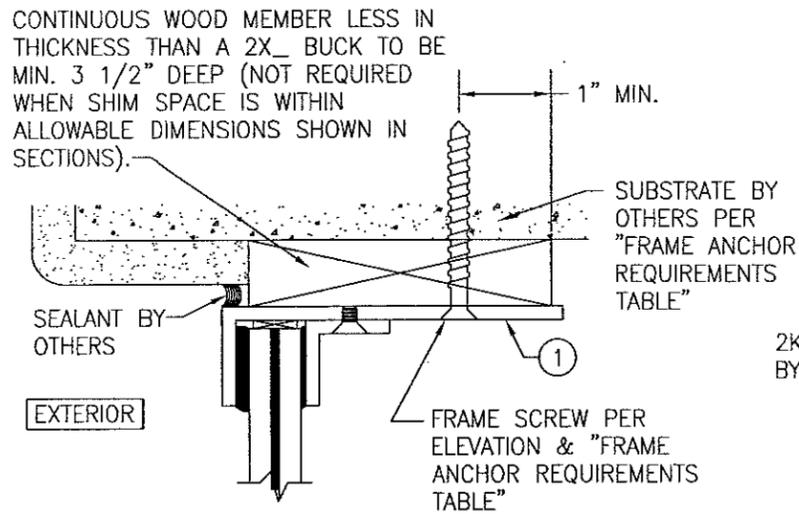
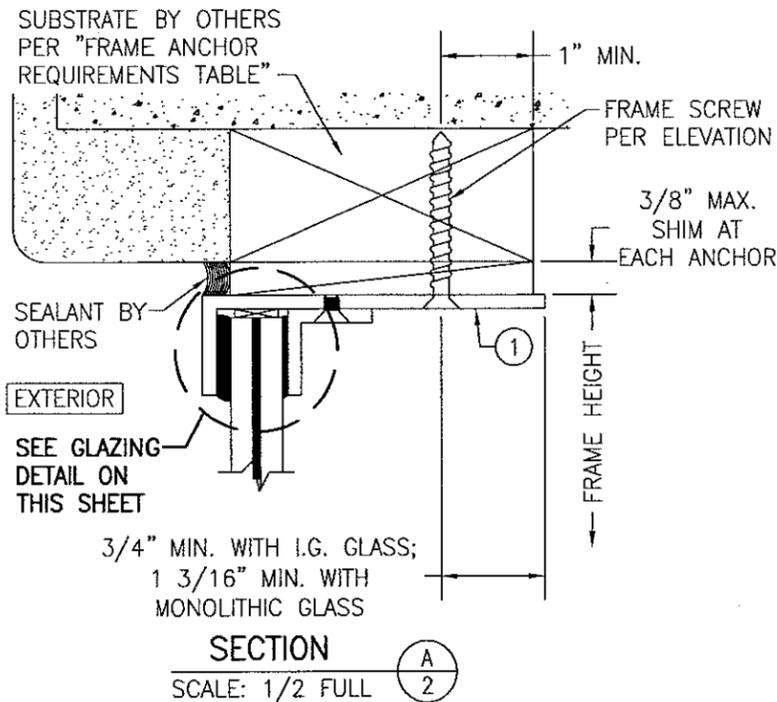
(RECTANGULAR WINDOW SHOWN, SHAPED WINDOWS ALSO APPLY. SEE "APPROVED SHAPES" TABLE ON THIS SHEET)
(LONG DIMENSION MAY BE HORIZONTAL OR VERTICAL)

Approved as complying with i.i.
Florida Building Code
Date SEP 29, 2016
NOA# 16-0617-08
Miami Dade Product Control
By *[Signature]*



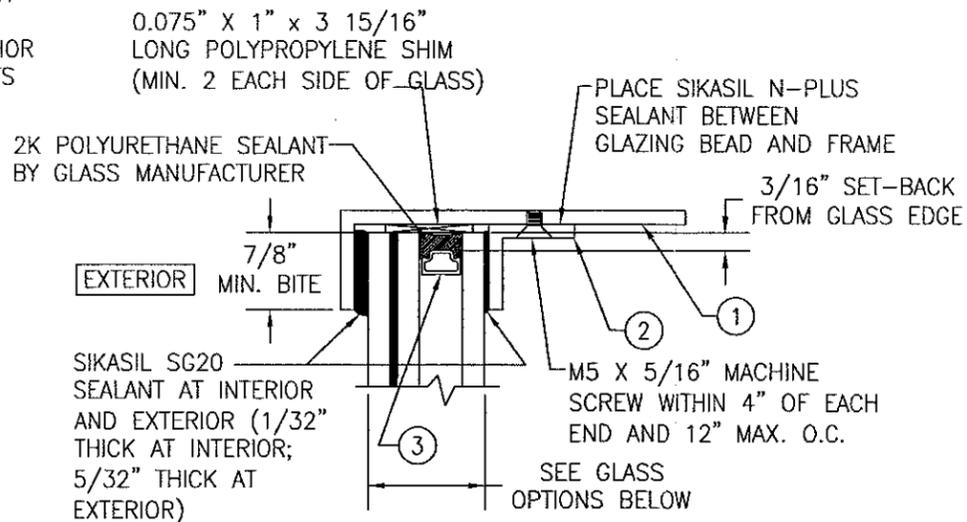
DRAWN BY: W.W.S.	CHECKED BY: W.W.S.
PLOT: 1-24	DATE: 05/26/16
NO.	REVISION DESCRIPTION
DATE	BY
DRAWING TITLE OVERSIZED ALUMINUM FRAMED FIXED IMPACT DIRECT GLAZED WINDOWS	
CONSULTANTS W. W. SCHAEFER ENGINEERING & CONSULTING, P.A. (CA 6809)	
JOB INFORMATION: PEETZ WINDOWS & DOORS 15951 S.W. 41ST STREET, SUITE 150 WESTON, FL 33331 954-659-3887	
7480 150TH COURT NORTH PALM BEACH GARDENS, FL 33418 PHONE: 561-744-3424	
CERTIFICATION	SEP 17 2016
DRAWING NO. 1918	REV.
SHEET NO. 1	OF 2

THESE DRAWINGS ARE APPLICABLE ONLY TO THE PRODUCT SPECIFIED. THEY MAY NOT BE USED FOR THE ASSEMBLY AND/OR INSTALLATION OF ANY OTHER PRODUCT NOR MAY THEY BE USED FOR RATIONAL AND/OR LOCAL APPROVAL OF ANY PRODUCT NOT PRODUCED BY THE MANUFACTURER STATED ON THESE DRAWINGS.

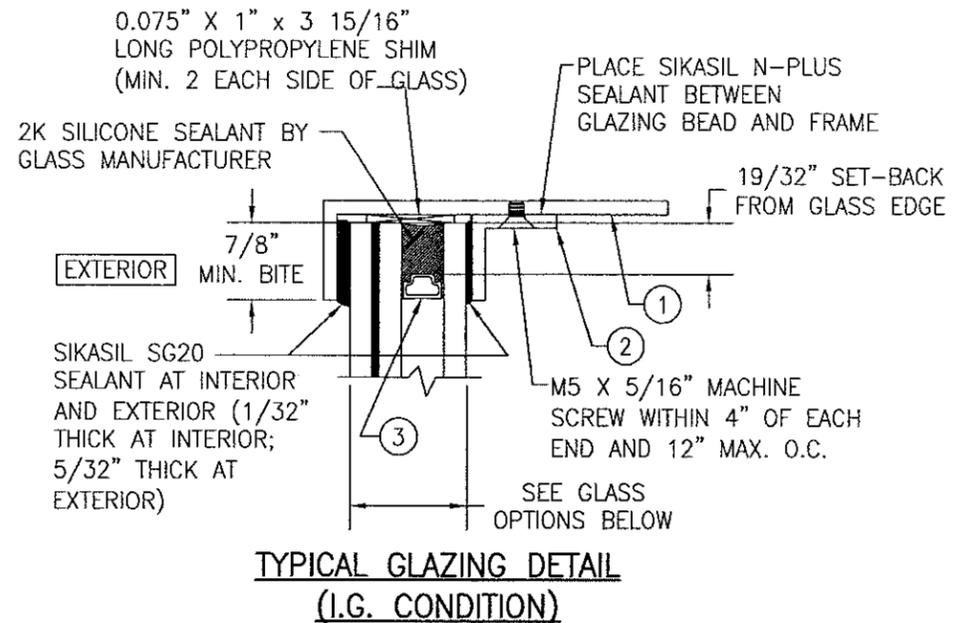


- NON-I.G. GLASS OPTIONS:**
 OPTION 1: 11/16" LAMINATED GLASS (5/16 HT. ST./0.09 KURARAY SG/5/16 HT. ST.)
 OPTION 3: 9/16" LAMINATED GLASS (1/4 TEMPERED/0.09 KURARAY SG/1/4 TEMPERED)
 OPTION 5: 9/16" LAMINATED GLASS (1/4 TEMPERED/0.075 EASTMAN CHEM. CO. SAFLEX CP/1/4 TEMPERED)

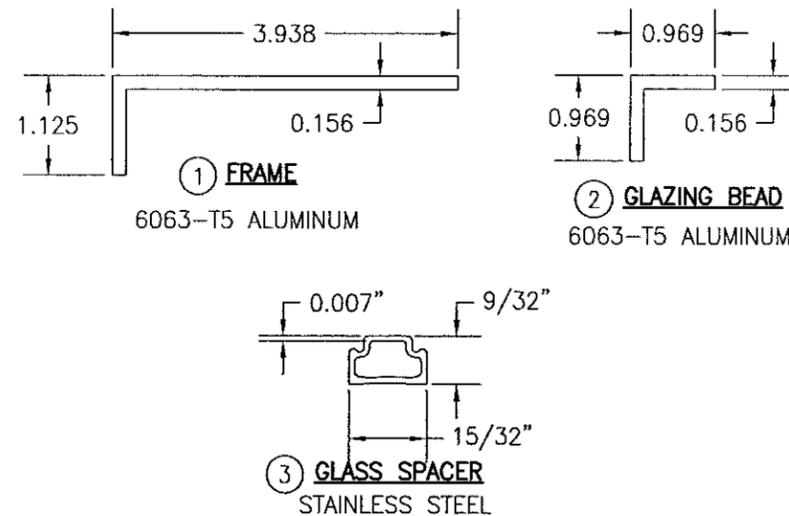
GLAZING NOTE: "KURARAY SG" INNERLAYER WAS PREVIOUSLY KNOWN AS "DUPONT SG"



- I.G. CONDITION 1 GLASS OPTIONS:**
 OPTION 2: 1 7/16" LAMINATED I.G. GLASS (5/16 HT. ST./0.09 KURARAY SG/5/16 HT. ST. EXTERIOR; 1/2" SPACER; 1/4" TEMP INTERIOR)

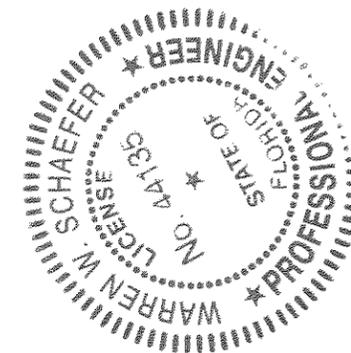


- I.G. CONDITION 2 GLASS OPTIONS:**
 OPTION 4: 1 5/16" LAMINATED I.G. GLASS (1/4 TEMP/0.09 KURARAY SG/1/4 TEMP EXTERIOR; 1/2" SPACER; 1/4" TEMP INTERIOR)
 OPTION 6: 1 5/16" LAMINATED I.G. GLASS (1/4 TEMP/0.075 EASTMAN CHEM. CO. SAFLEX CP/1/4 TEMP EXTERIOR; 1/2" SPACER; 1/4" TEMP INTERIOR)



Approved as complying with the Florida Building Code
 Date SEP 29, 2016
 NOA# 16-0617-08
 Miami Dade Product Control

By *W. Schaefer*



DRAWN BY: W.W.S.	CHECKED BY: W.W.S.
PLOT: 1=24	DATE: 05/25/16
NO.	REVISION DESCRIPTION
DATE	BY
DRAWING TITLE OVERSIZED ALUMINUM FRAMED FIXED IMPACT DIRECT GLAZED WINDOWS	
MANUFACTURER PEETZ WINDOWS & DOORS 15951 S.W. 41ST STREET; SUITE 150 WESTON, FL 33331 954-659-3887	
CONSULTANTS W. W. SCHAEFER ENGINEERING & CONSULTING, P.A. (CA 6809) 7480 150TH COURT NORTH PALM BEACH GARDENS, FL 33418 PHONE: 561-744-3424	
CERTIFICATION	SEP 17 2016
DRAWING NO. 1918	
SHEET NO. 2 OF 2	