



**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**

NOTICE OF ACCEPTANCE (NOA)

**Seasonshield, Inc.
355 Center Court
Venice, FL 34292**

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 High Velocity Hurricane Zone of the Florida Building Code.

DESCRIPTION: Aluminum Sliding Window.

APPROVAL DOCUMENT: Drawing No. **02-0514**, titled "Series: 6500 Alum. Sliding Window Large Missile Impact", sheets 1 through 4 of 4, prepared by Applied Engineering Concepts, Inc, dated 10/24/02 with last revision on 04/15/03, signed and sealed by K. A. Whitfield, 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: Large Missile Impact Resistant

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 as well as approval document mentioned above.

The submitted documentation was reviewed by **Candido F. Font, P.E.**



[Signature]
07/24/03

**NOA No 02-1121.02
Expiration Date: July 24, 2008
Approval Date: July 24, 2003
Page 1**

Seasonshield, Inc.

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED
(For File ONLY. Not part of NOA)

A. DRAWINGS

1. Drawing No. **02-0514**, titled "Series: 6500 Alum. Sliding Window Large Missile Impact", sheets 1 through 4 of 4, prepared by Applied Engineering Concepts Inc, dated 10/24/02 with last revision on 04/15/04 signed and sealed by K. A. Whitfield, P.E.

B. TESTS.

1. Test reports on:
 - 1) Air Infiltration Test, per FBC, TAS 202-94
 - 2) Uniform Static Air Pressure Test, 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 and TAS 202-94along with marked-up die drawings of an aluminum horizontal sliding glass window, prepared by Fenestration Testing Laboratory, Inc., Test Report No. **FTL 02033** dated 05/07/02, witnessed, signed and sealed by late L. Figueredo, P.E.

C. CALCULATIONS

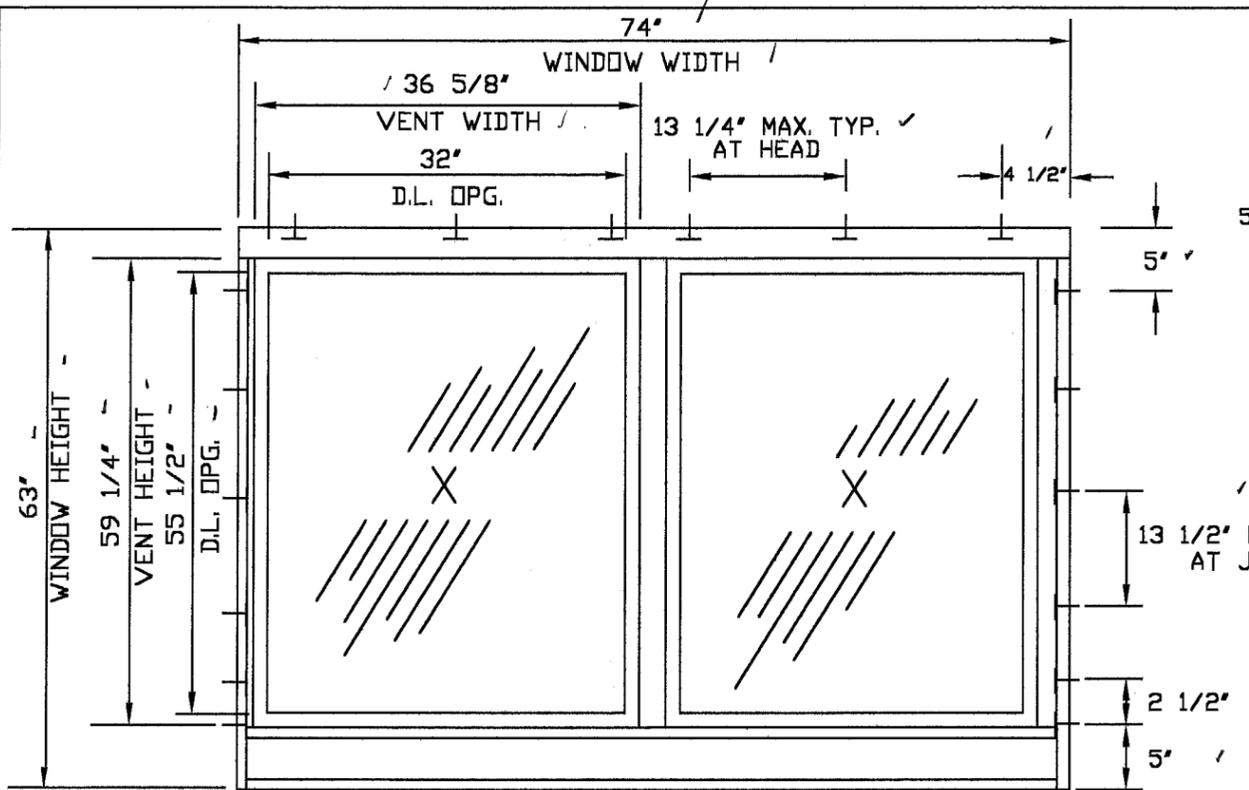
1. Anchor verification sheets 1 through 11 prepared by Applied Engineering Concept, Inc. on 11/07/02, signed and sealed by K. A. Whitfield, P.E.

D. MATERIAL CERTIFICATIONS

1. Notice of Acceptance No. **02-0408.02** issued to Seasonshield, Inc., for "Series: 6400 Aluminum Double Hung Window-Impact", expiring on 12/12/07.
2. Letter of code Compliance issued by Applied Engineering Concept, Inc on 11/07/02 signed and sealed by K. A. Whitfield PE.
3. Letter of no interest issued by Applied Engineering Concept, Inc on 11/07/02 signed and sealed by K. A. Whitfield PE.

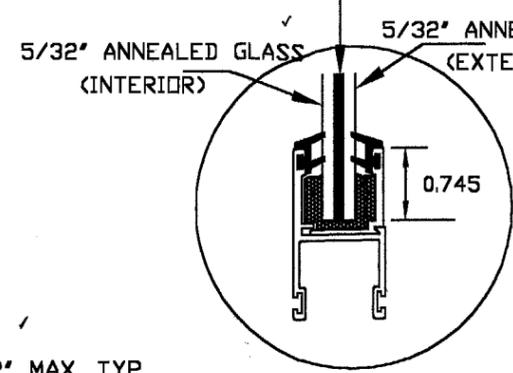


Candido F. Font, P.E.
Senior Product Control Examiner
NOA No 02-1121.02
Expiration Date: July 24, 2008
Approval Date: July 24, 2003



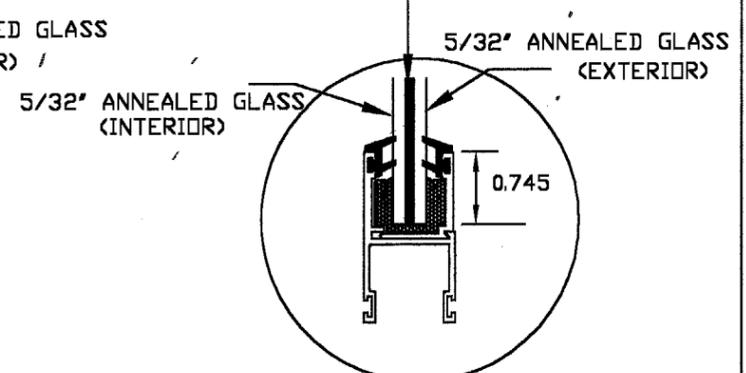
NO FASTENERS AT SILL

.090" INTER LAYER FILM
DUPONT BUTACITE PVB
LAMINATED BY ARCH ALUMINUM



DESIGN PRESSURE RATING	
POSITIVE	+ 60.0 PSF
NEGATIVE	- 60.0 PSF

.090" INTER LAYER FILM
SAFLEX/KEEPSAFE
LAMINATED BY HGP

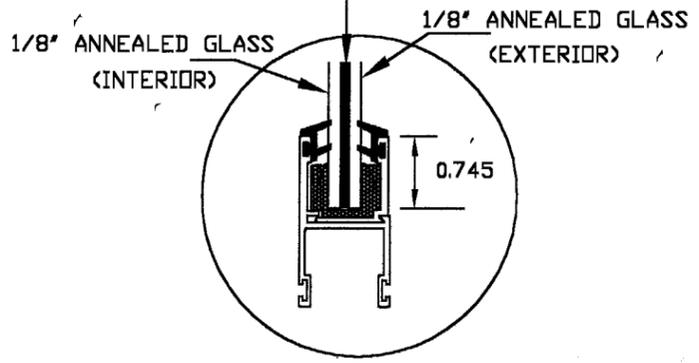


DESIGN PRESSURE RATING	
POSITIVE	+ 60.0 PSF
NEGATIVE	- 60.0 PSF

NOTES:

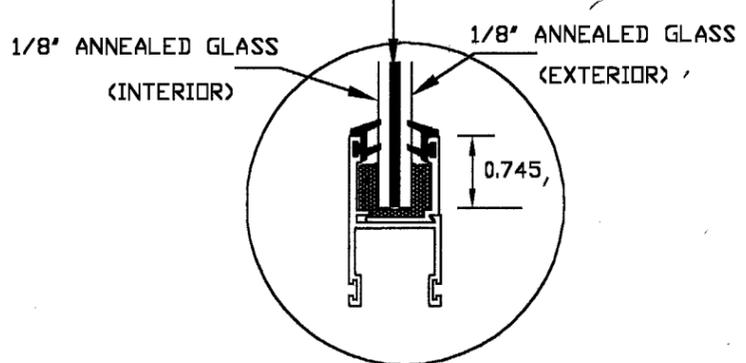
1. THIS HORIZONTAL SLIDING GLASS WINDOW SYSTEM IS DESIGNED AND TESTED TO COMPLY WITH THE REQUIREMENTS OF THE FLORIDA BUILDING CODE 2001 CHAPTER 16, CHAPTER 24.
2. ALL EXTRUSSION ARE 6063-T5 AND 6063-T6 AS NOTED.
3. BASED ON LABORATORY TEST REPORT No. 3423 FENESTRATION TESTING LAB. INC.
4. WOOD BUCKS (BY OTHERS) MUST BE DESIGNED TO CARRY THE WINDOW WIND LOADS IMPOSED ON THEM.

.090" INTER LAYER FILM
DUPONT BUTACITE PVB
LAMINATED BY ARCH ALUMINUM



DESIGN PRESSURE RATING	
POSITIVE	+ 38.6 PSF
NEGATIVE	- 38.6 PSF

.090" INTER LAYER FILM
SAFLEX/KEEPSAFE
LAMINATED BY HGP



DESIGN PRESSURE RATING	
POSITIVE	+ 38.6 PSF
NEGATIVE	- 38.6 PSF

Approved as complying with the
Florida Building Code
Date 07/24/03
NOA# 02-1121.02
Miami Dade Product Control
Division
By [Signature]

**APPLIED
ENGINEERING
CONCEPTS, INC.**

2153
RENAISSANCE BOULEVARD
SUITE 108
MIRAMAR, FLORIDA 33025
TEL. (954) 499-8036
TEL. (305) 335 3640

SEASONSHIELD INC.
355 CENTER COURT
VENICE, FL. 34292
PHONE: (800) 869-6699

**SERIES: 6500 ALUM.
SLIDING WINDOW
LARGE MISSILE IMPACT**

DATE: 10/24/02
JOB NO.: 02-0514
DWG. NO.: 02-0514
DWG. BY: J.C.
SCALE: N/A

SHEET 1 OF 4

NO.	DATE	DESCRIPTION
1	4/15/03	PER DADE COUNTY

REVISIONS DESCRIPTION

KELVYN A. WHITFIELD.
P.E. 24140
MECHANICAL ENGINEER

[Signature]
4/25/03

**APPLIED
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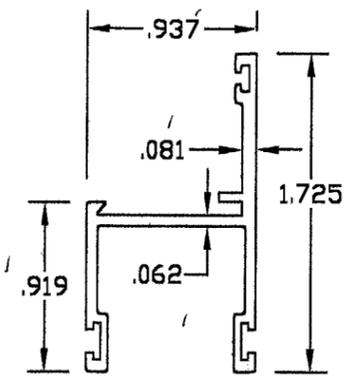
SHEET 3 OF 4

NO.	DATE	DESCRIPTION
1	4/15/03	PER DADE COUNTY

REVISIONS DESCRIPTION

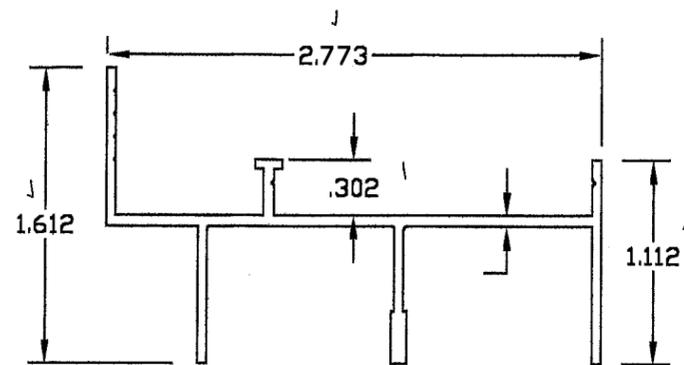
KELVYN A. WHITFIELD,
P.E. 24140
MECHANICAL ENGINEER

[Signature]
4/25/03



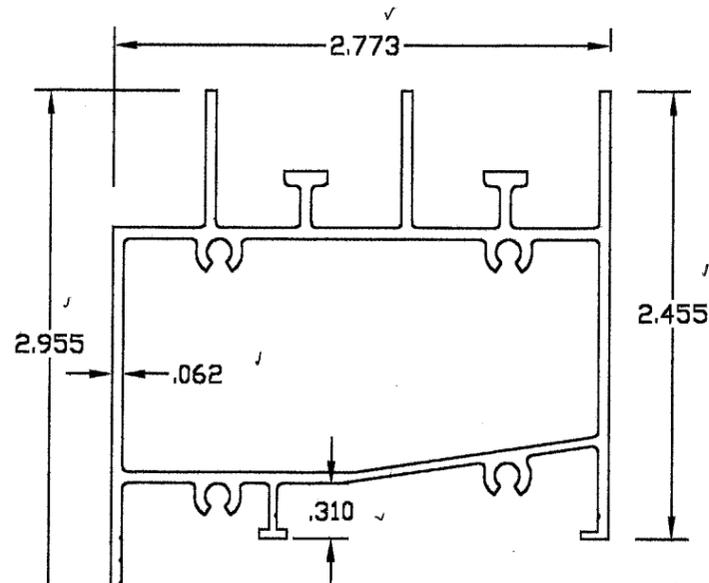
⑦ 60IVJS

6063-T6 SASH TOP/BOTTOM RAIL IMPACT



⑧ AF-11343

6063-T5 MAIN HEAD



⑨ 11396

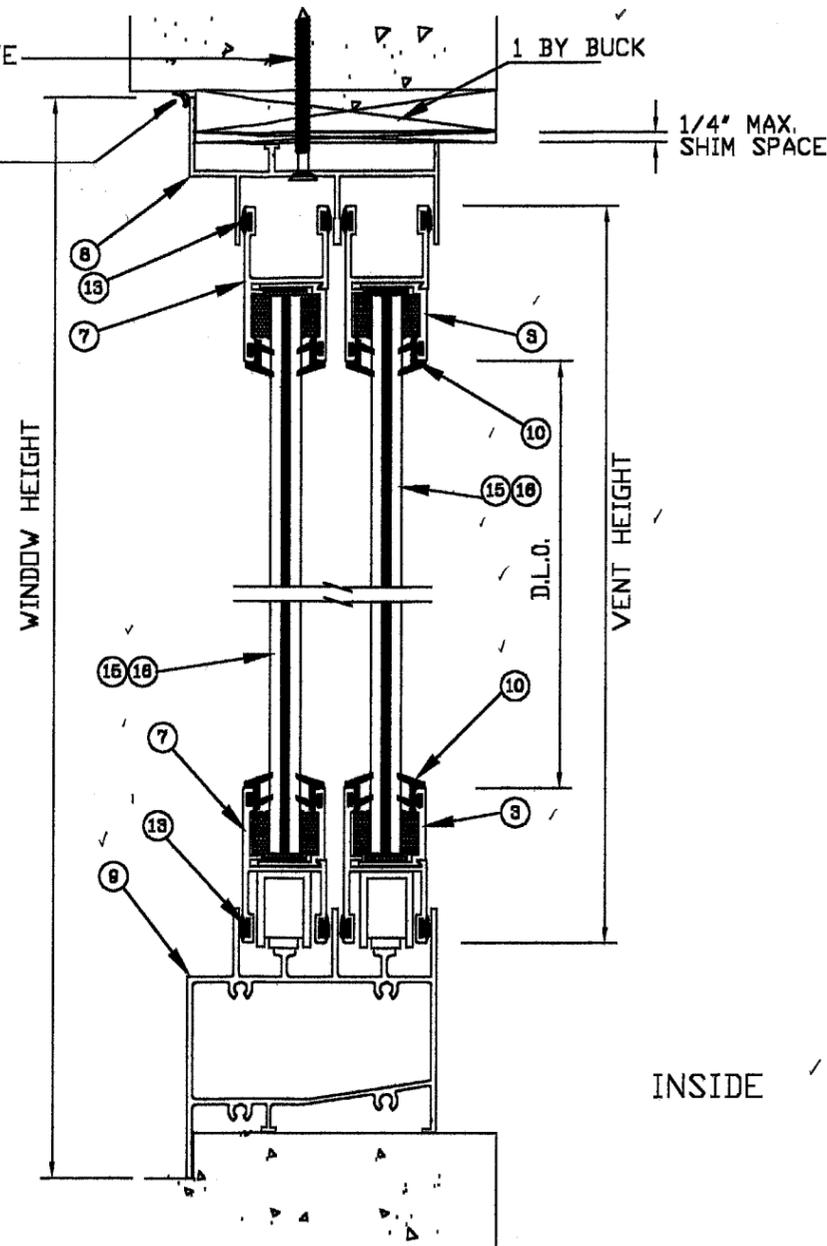
6063-T5 SILL

1/4" TAPCON WITH A MIN. 1 1/4" EMBEDMENT INTO 3000 PSI CONCRETE

CORNER SEALANT

1 BY BUCK

1/4" MAX. SHIM SPACE

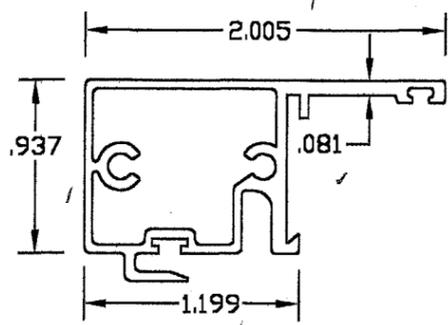


OUTSIDE

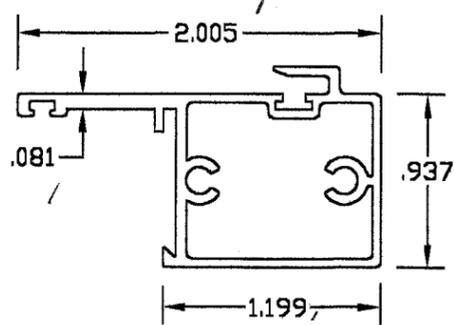
INSIDE

Vertical View (XX)

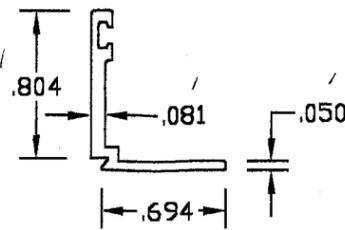
Approved as complying with the
Florida Building Code
Date 07/24/03
NOAH 02-1121-02
Miami Dade Product Control
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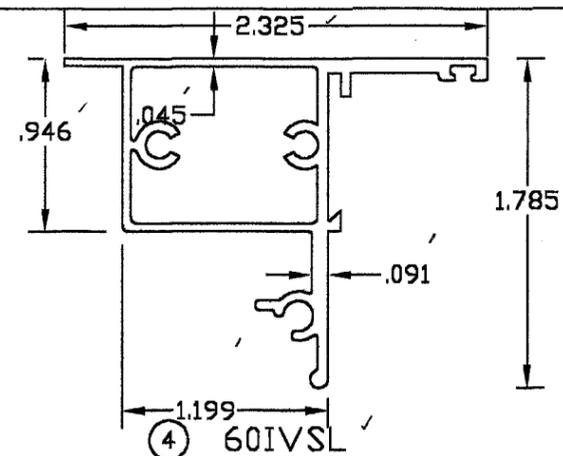
① 60ITVI
6063-T6 OUTSIDE SASH 1' LOCK IMPACT



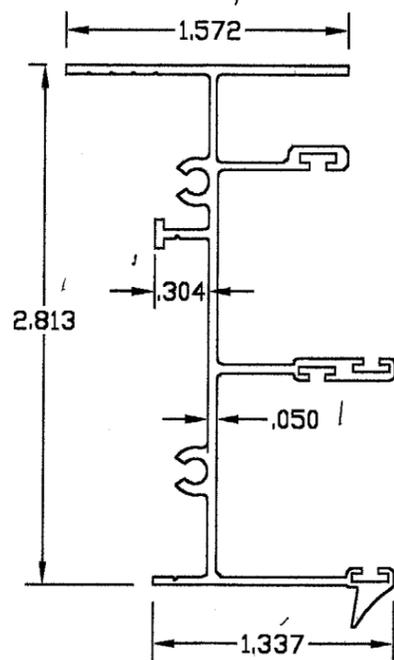
② 60IBVI
6063-T6 INSIDE SASH 1' LOCK IMPACT



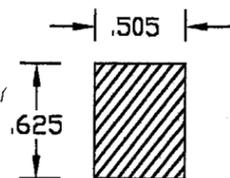
③ 60IGLB
6063-T6 GLAZING BEAD IMPACT



④ 60IVSL
6063-T6 PULL STYLE SASH VENT



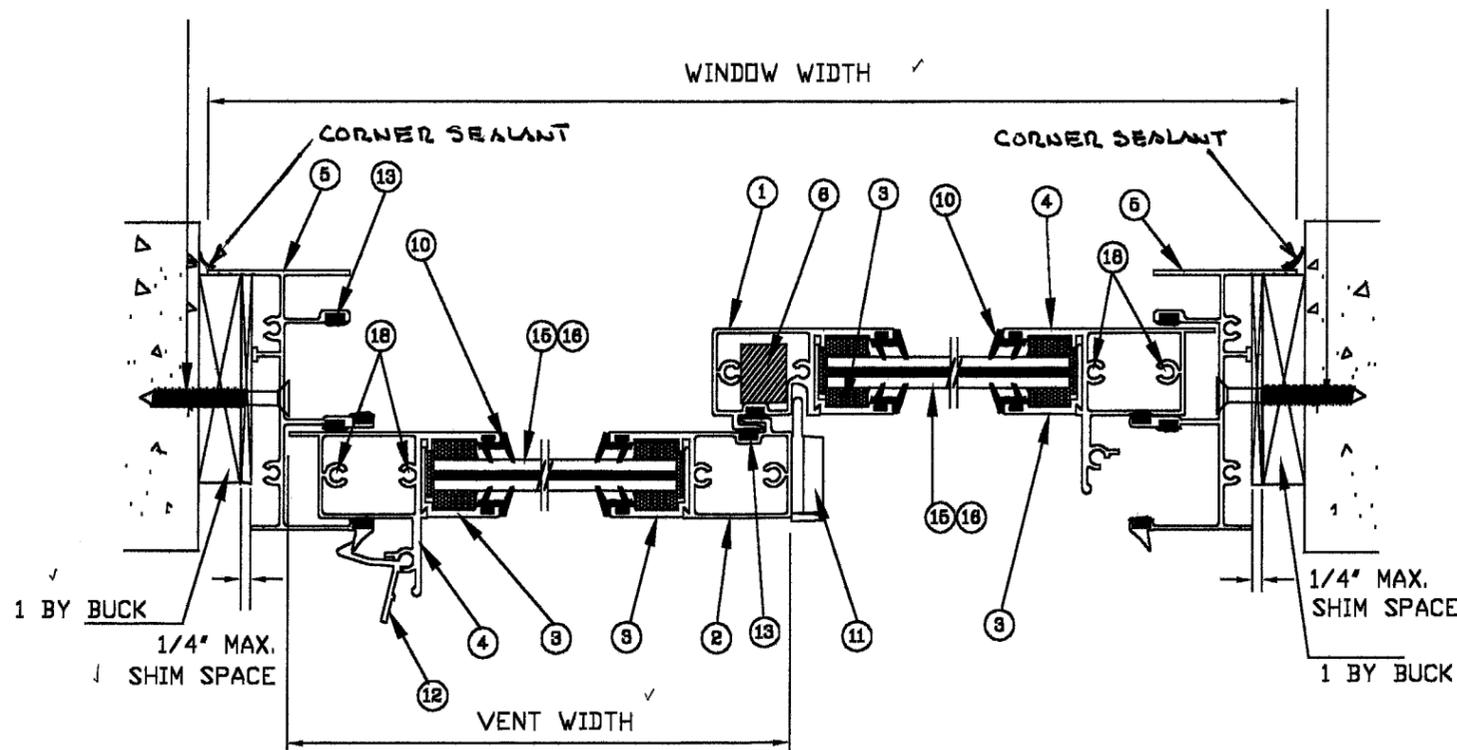
⑤ 11395
6063-T5 FRAME JAMB



⑥ REINFORCEMENT
COLD ROLLED STEEL
ASTM GRADE 1018

1/4" TAPCON WITH A MIN. 1 1/4"
EMBEDMENT INTO 3000 PSI CONCRETE

1/4" TAPCON WITH A MIN. 1 1/4"
EMBEDMENT INTO 3000 PSI CONCRETE



Horizontal View
Reverse Stacking (XX)

Approved as complying with the
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**SERIES: 6500 ALUM.
SLIDING WINDOW
LARGE MISSILE IMPACT**

DATE: 10/24/02
JOB NO.: 02-0514
DWG. NO.: 02-0514
DWG. BY: J.C.
SCALE: N/A

SHEET 2 OF 4

NO.	DATE	DESCRIPTION
1	4/15/03	PER DADE COUNTY

REVISIONS DESCRIPTION

**KELVYN A. WHITFIELD,
P.E. 24140
MECHANICAL ENGINEER**

[Signature]
9/25/03

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SCALE: N/A

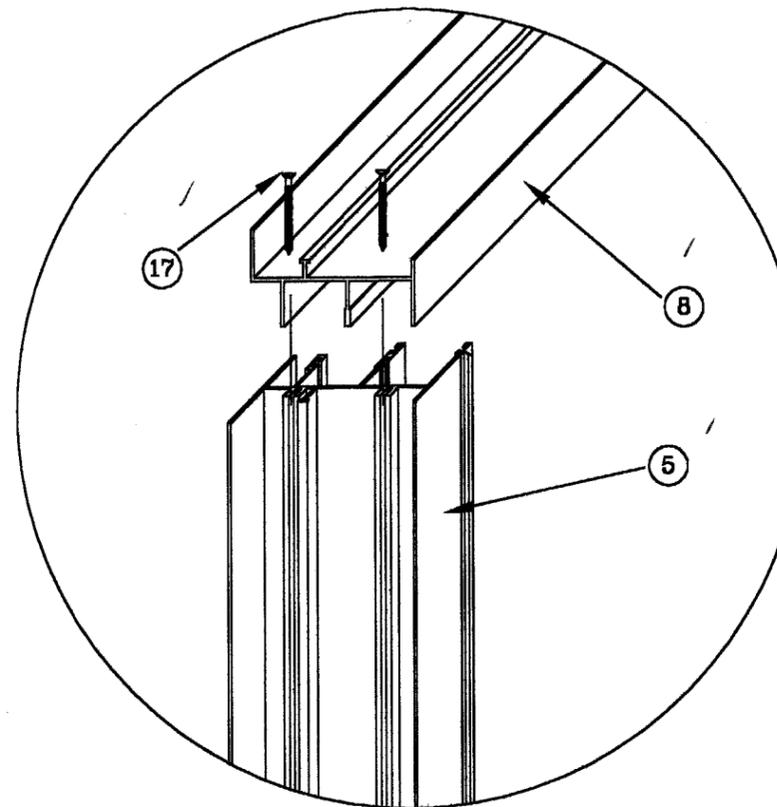
SHEET 4 OF 4

NO.	DATE	DESCRIPTION
1	4/15/03	PER DADE COUNTY

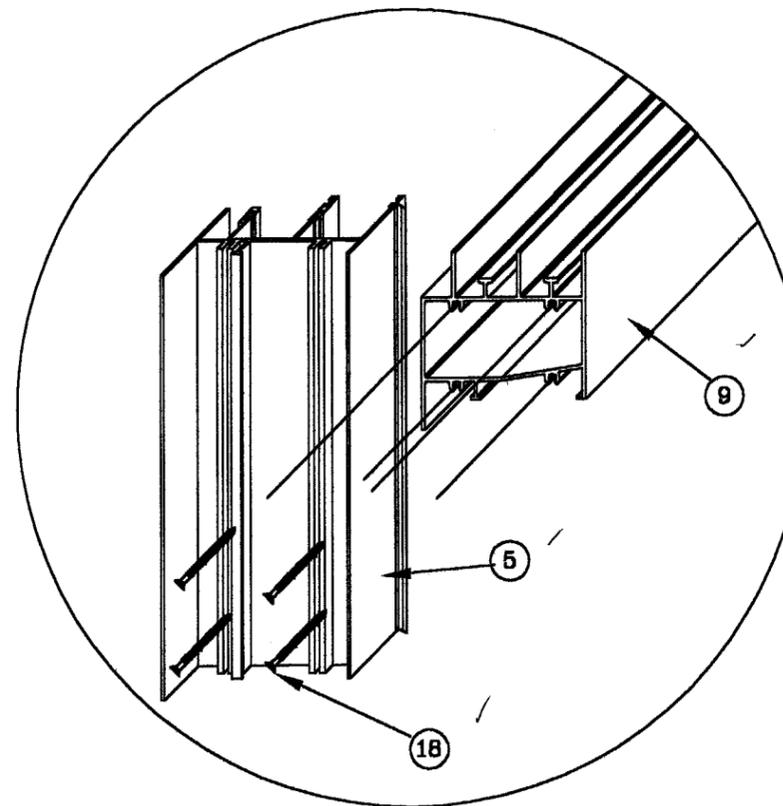
REVISIONS DESCRIPTION

KELVYN A. WHITFIELD.
P.E. 24140
MECHANICAL ENGINEER

[Signature]
4/23/03



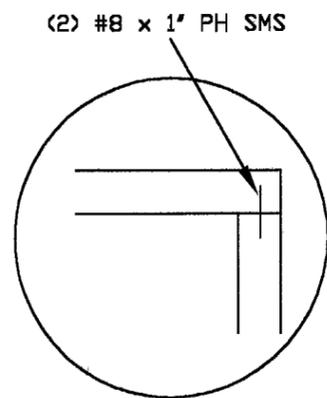
UPPER FRAME
CORNER DETAIL



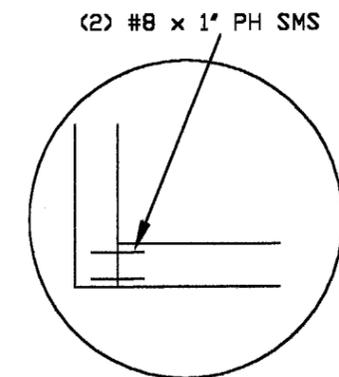
BOTTOM FRAME
CORNER DETAIL

NOTE: ALL CORNERS COATED WITH WHITE
FINISH AND SEALED WITH SM 5504
Abril-R NARROW JOINT SEALANT

NO	PART NO	DESCRIPTION	QTY.	VENDOR
1	60ITVI	OUTSIDE SASH 1' LOCK IMPACT	1	ALCOA EXTRUSIONS
2	60IBVI	INSIDE SASH 1' LOCK IMPACT	1	ALCOA EXTRUSIONS
3	60IGLB	GLAZING BEAD IMPACT	4	ALCOA EXTRUSIONS
4	60IVSL	PULL STYLE SASH VENT	2	ALCOA EXTRUSIONS
5	DHRMJ	MAIN JAMB	2	ALCOA EXTRUSIONS
6	-	REINFORCEMENT C.R. STEEL ALRO	1	ALRO STEEL
7	60IVJS	SASH TOP/BOTTOM RAIL IMPACT	4	ALCOA EXTRUSIONS
8	DHMJD	MAIN HEAD	1	ALCOA EXTRUSIONS
9	DHRMS	H.R. SILL	1	ALCOA EXTRUSIONS
10	60IGL VB	FLEXIBLE VINYL BLACK TEAM	8	TEAM PLASTICS
11	-	CAM LOCK ASSEM MIN DIE	1	TEX MIN DIE
12	-	SILL LOCK LATCH	2	ALCOA OR INDALEX
13	FS187	FIN-SEAL WEATHERSTRIP	8	ULTRA FAB
14	PURCHASE	1/4" x 2 1/2"		MERCHANTS
15	PURCHASE	0.344 LAMINATED GLASS ANN.	2	HGP IND OR ARHC
16	PURCHASE	0.344 LAMINATED GLASS H.S.	2	HGP IND OR ARHC
17	PURCHASE	#8 x 5/8" PH SMS	4	MERCHANTS
18	PURCHASE	#8 x 1" PH SMS	8	MERCHANTS



TOP VENT CORNER



BOTTOM VENT CORNER

Approved as complying with the
Florida Building Code
Date 07/29/03
NOA# 02-112102
Miami Dade Product Control
Division
By *[Signature]*