



**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: Series "6400" Aluminum Double Hung Window –Impact

APPROVAL DOCUMENT: Drawing No. 02-0170, titled "Series 6400 Aluminum Double Hung", Sheets 1 through 4, dated 03/11/02 with last revision on 11-12-02, prepared by manufacturer, signed and sealed by Kelvyn 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 **Ishaq I. Chanda, P.E.**



**NOA No 02-0408.02
Expiration Date: December 12, 2007
Approval Date: December 12, 2002
Page 1**

Seasonshield, Inc

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

(For File ONLY. Not part of NOA)

*

A. DRAWINGS

1. Manufacturer's die drawings and sections.
2. Drawing No. **02-0170**, titled "Series 6400 Aluminum Double Hung", Sheets 1 through 4, dated 03/11/02 with last revision on 11-12-02, prepared by manufacturer, signed and sealed by Kelvyn A. Whitfield, P.E.,

B. TESTS

Test reports on

- 1) Air Infiltration Test, per SFBC, PA 202-94
- 2) Uniform Static Air Pressure Test, Loading per SFBC PA 202-94
- 3) Water Resistance Test, per SFBC, PA 202-94
- 4) Large Missile Impact Test per SFBC, PA 201-94
- 5) Cyclic Wind Pressure Loading per SFBC, PA 203-94
- 6) Forced Entry Test, per SFBC 3603.2 (b) and PA 202-94

along with marked-up drawings and installation diagram of double hung window, prepared by Certified Testing laboratories, Test Report No. **CTLA-744W & CTLA-744W1**, dated 10/15/01 and 01-23-02 respectively, signed and sealed by Ramesh Patel, P.E. (This test report has been revised by addendum letter dated 09-16-02 and 11-13-02, issued by Certified testing lab)

C. CALCULATIONS

1. Anchor Calculations and structural analysis, dated 03-12-02, 08-02-02 and 11-02-02, prepared, signed and sealed by Kelvyn A. Whitfield, P.E.

D. MATERIAL CERTIFICATIONS

1. Notice of Acceptance No. **01-1204.01** issued to E.I. DuPont DeNemours for "Sentry Glass Plus" expiring on 01/14/07.

E. STATEMENTS

1. Statement letter of conformance, dated March 12, 2002, signed and sealed by Kelvyn A. Whitfield, P.E.
2. Statement letter of no financial interest, dated April 02, 2002, signed and sealed by Kelvyn A. Whitfield, P.E.
3. Laboratory compliance letter issued, as part of test report by Certified Testing laboratories, Test Report No. **CTLA-744W & CTLA-744W1**, dated 10/15/01 and 01-23-02 respectively, signed and sealed by Ramesh Patel, P.E.

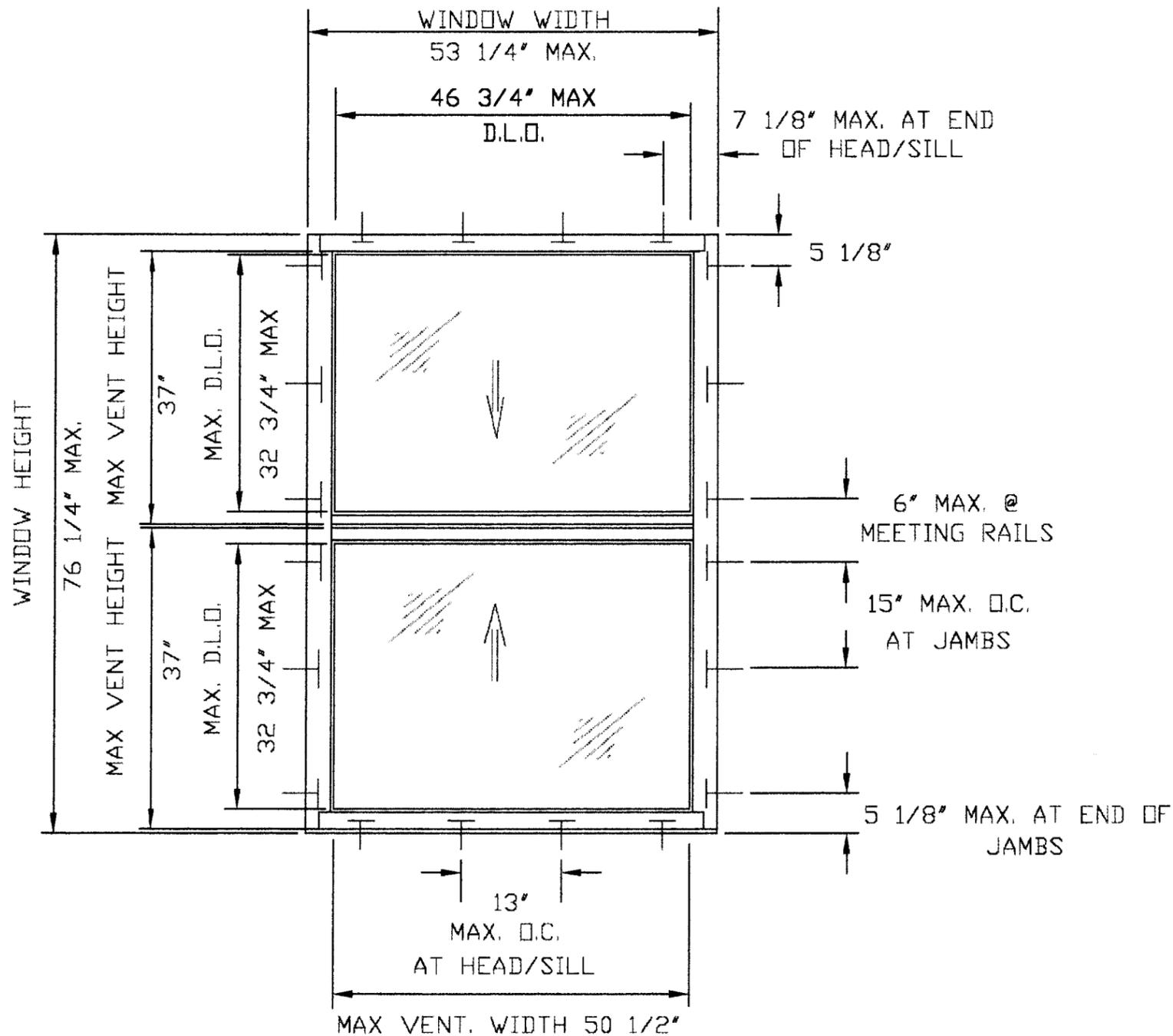
F. OTHER

1. None

Ishaq I. Chanda

Ishaq I. Chanda, P.E.
Product Control Examiner
NOA No 02-0408.02

Expiration Date: December 12, 2007
Approval Date: December 12, 2002



OPTION 1

DESIGN PRESSURE OVERALL 0.340" LAMINATED GLASS 1/8" ANN. / 0.090 SENTRY GLASS PLUS OR DUPONT BUTACITE OR SULUTIA PVB SAFLEX/KEEPSAFE / 1/8" ANN.	
POSITIVE	45.5 P.S.F.
NEGATIVE	45.5 P.S.F.

OPTION 2

DESIGN PRESSURE OVERALL 0.402" LAMINATED GLASS 5/32" ANN. / 0.090 SENTRY GLASS PLUS OR DUPONT BUTACITE OR SULUTIA PVB SAFLEX/KEEPSAFE / 5/32" ANN.	
POSITIVE	60.0 P.S.F.
NEGATIVE	60.0 P.S.F.

NOTE: FOR MIX GLAZING OPTION, LOWER DESIGN PRESSURE SHALL CONTROL.

GENERAL NOTES

1. INSTALLATION OF 1 X P.T. WOOD BUCK (BY OTHERS) TO BE ENGINEERED SEPARATELY TO TAKE WIND LOADS IMPOSED BY THE WINDOWS AND TO BE REVIEWED BY BUILDING OFFICIAL.
2. THIS PRODUCT IS DESIGNED AS PER THE FLORIDA BUILDING CODE 2001 EDITION FOR DADE COUNTY. ALSO FOR WIND LOADS AS PER ASCE 7-98.
3. ANCHORS SHALL BE AS LISTED AND SPACING AS SHOWN ON DETAILS.
4. ALL HARDWARE & FASTENERS SHALL BE IN ACCORDANCE WITH THESE DRAWINGS & MAY NOT VARY UNLESS SPECIFICALLY MENTIONED ON THE DRAWINGS.

Approved as complying with the
Florida Building Code
Date DECEMBER 12, 2002
NOA# 02-0408-02
Miami Dade Product Control
Division
By Ishay J. Chanda

KELVYN A. WHITFIELD

MECHANICAL ENGINEER

1002 N.E 116 ST- MIAMI FL. 33161
TEL. (305) 859 1230
FAX. (305) 895-9978

SEASONSHEILD INC.

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

SERIES: 6400 ALUMINUM.
DOUBLE HUNG
LARGE MISSILE IMPACT

JOB NO.: 02-0170
DWG. NO.: 02-0170

REVISIONS DESCRIPTION

NO.	DATE	DESCRIPTION
1	8/28/02	AS PER DADE REQ.
2	11/12/02	AS PER DADE REQ.

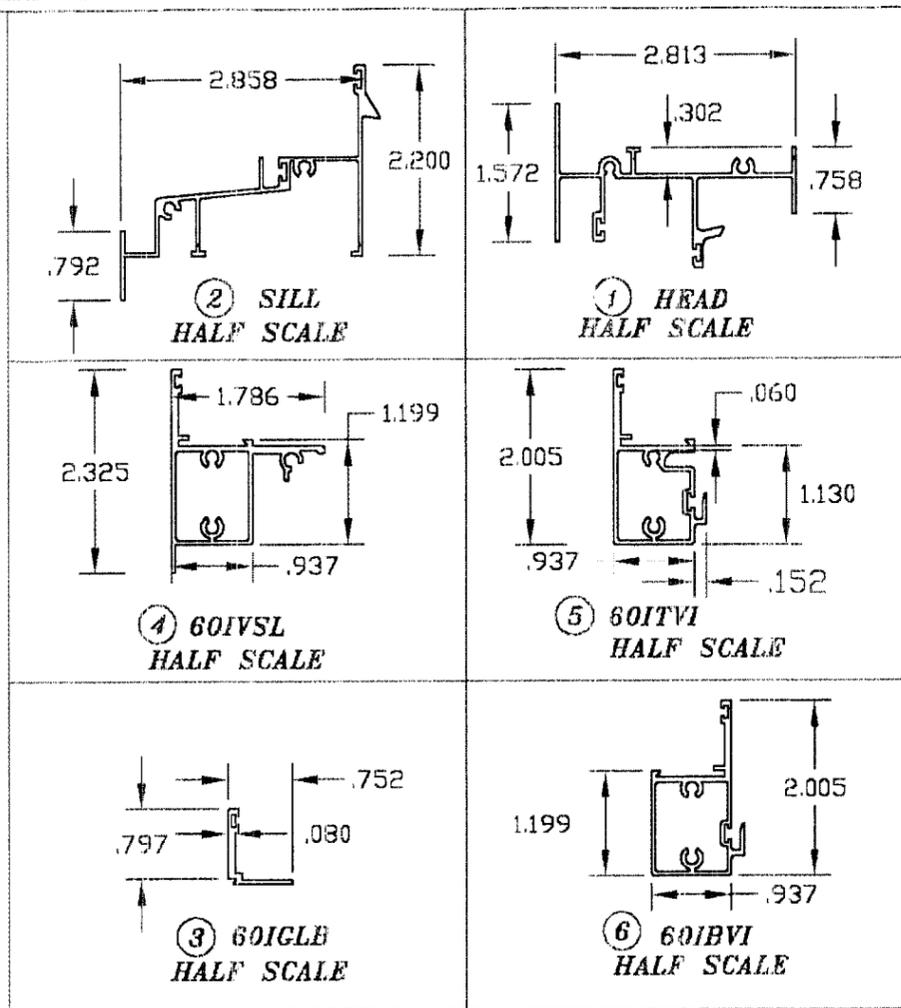
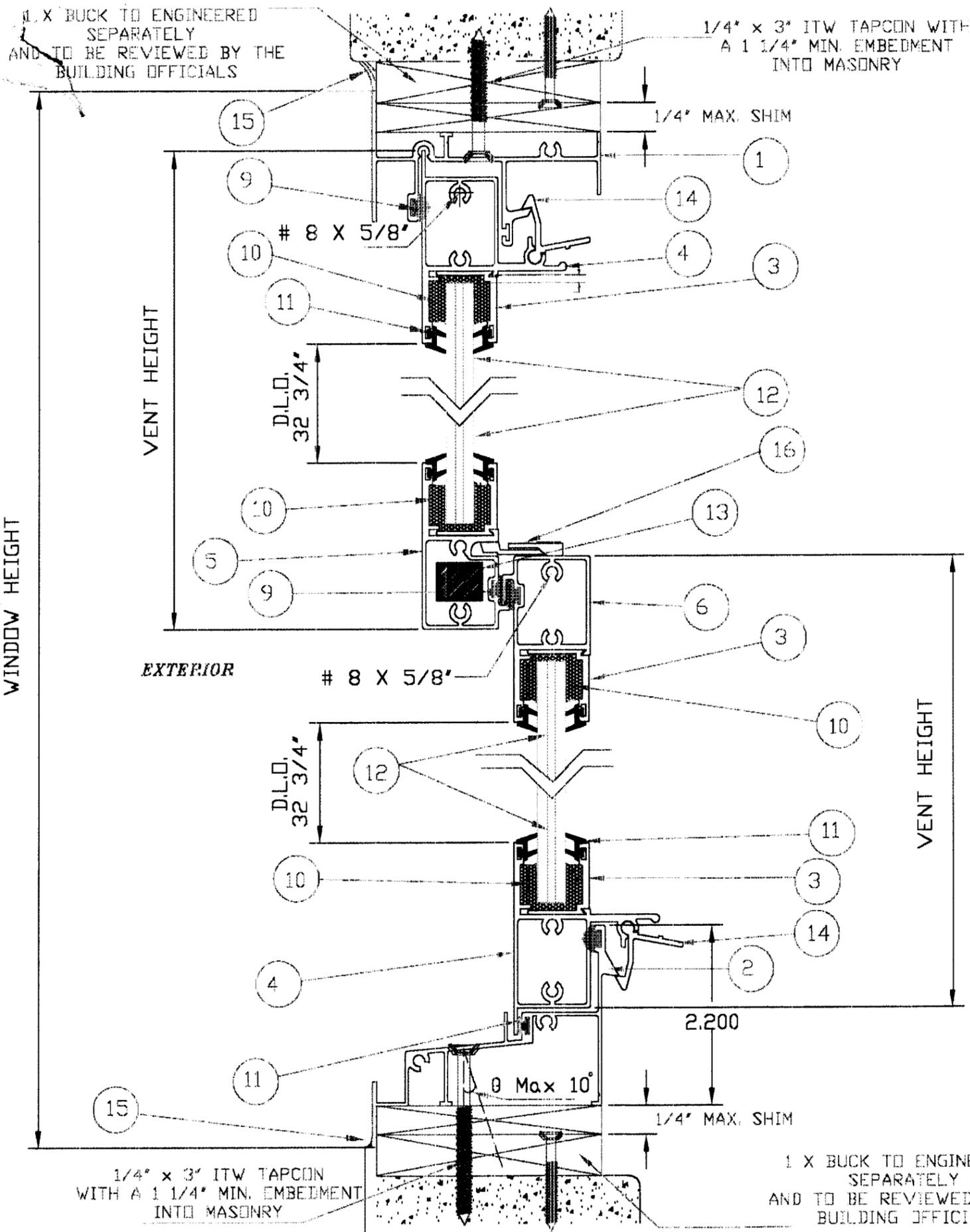
DATE: 03/11/02

SCALE:

DWG. BY: D.M

SHEET 1 OF 4

KELVYN A. WHITFIELD
MECH. ENGINEER.
FLA. PE # 24140



DIMENSION SHOW ARE INCHES

KELVYN A. WHITFIELD
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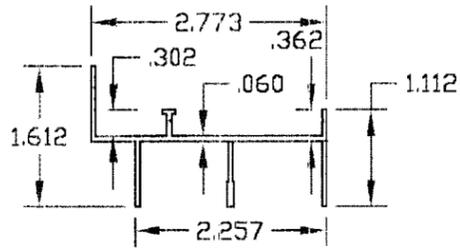
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NO.	DATE	DESCRIPTION
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 SCALE:
 DWG. BY: D.M
 SHEET 2 OF 4

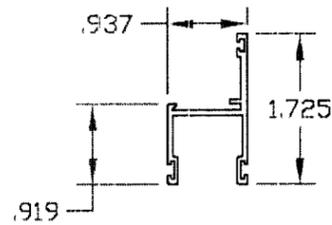
KELVYN A. WHITFIELD
 MECH. ENGINEER.
 FLA. PE # 24140

[Signature]
 11/12/02

Approved as complying with the
 Florida Building Code
 Date DEC 12 2002
 NOAH 02-04080
 Miami Dade Product Control
 Division
 By Shag J. Chanda



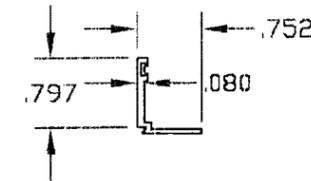
⑦ MAIN JAMB
HALF SCALE



⑧ 60IVJS
HALF SCALE



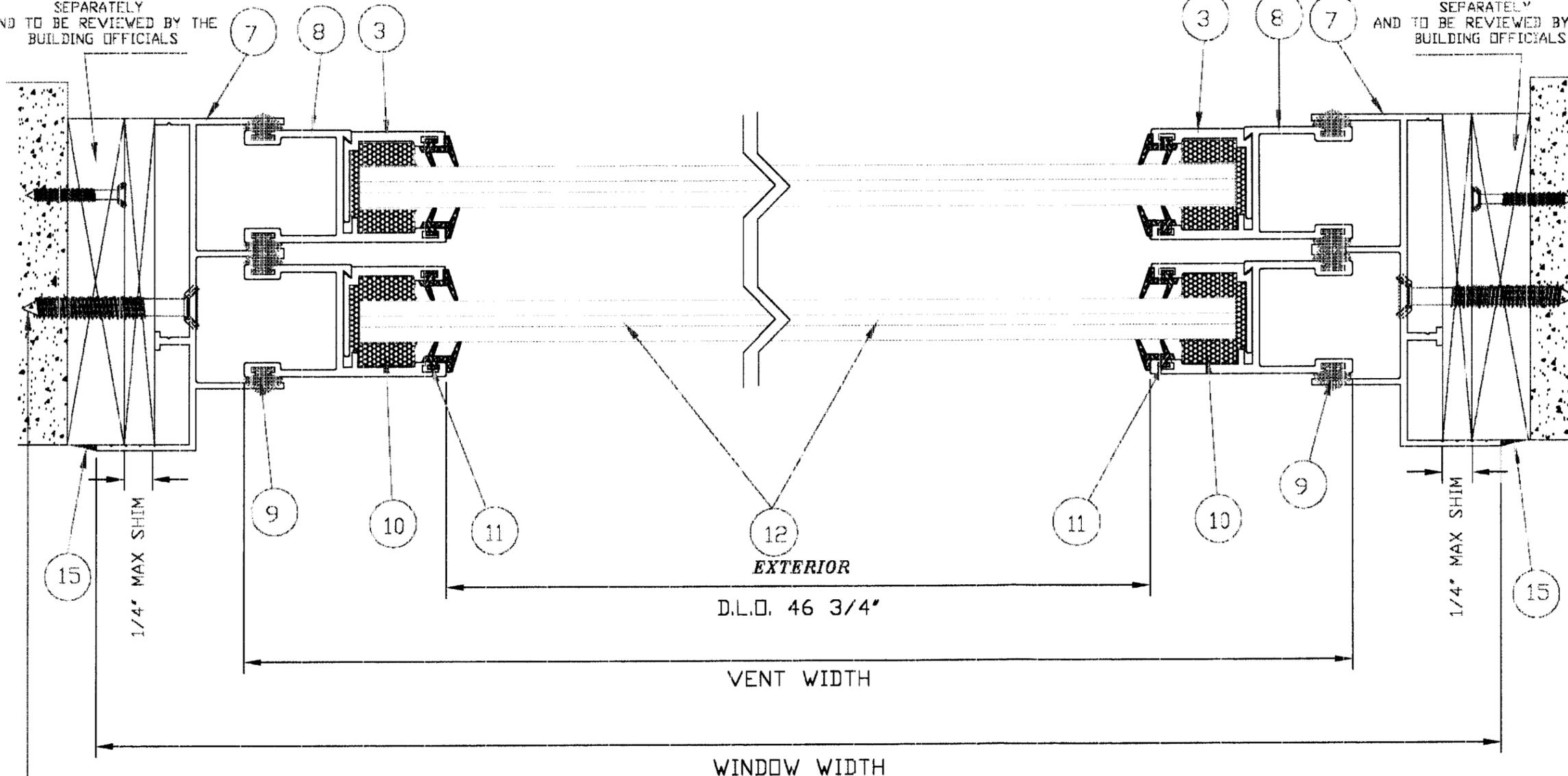
⑪ VINYL WEDGE
NOT TO SCALE



⑨ 60IGLB
HALF SCALE

1 X BUCK TO ENGINEERED
SEPARATELY
AND TO BE REVIEWED BY THE
BUILDING OFFICIALS

1 X BUCK TO ENGINEERED
SEPARATELY
AND TO BE REVIEWED BY THE
BUILDING OFFICIALS



1/4" x 3" ITW TAPCON
WITH A 1 1/4" MIN. EMBEDMENT
INTO MASONRY

1/4" x 3" ITW TAPCON
WITH A 1 1/4" MIN. EMBEDMENT
INTO MASONRY

HORIZONTAL LAYOUT

KELVYN A. WHITFIELD

MECHANICAL ENGINEER

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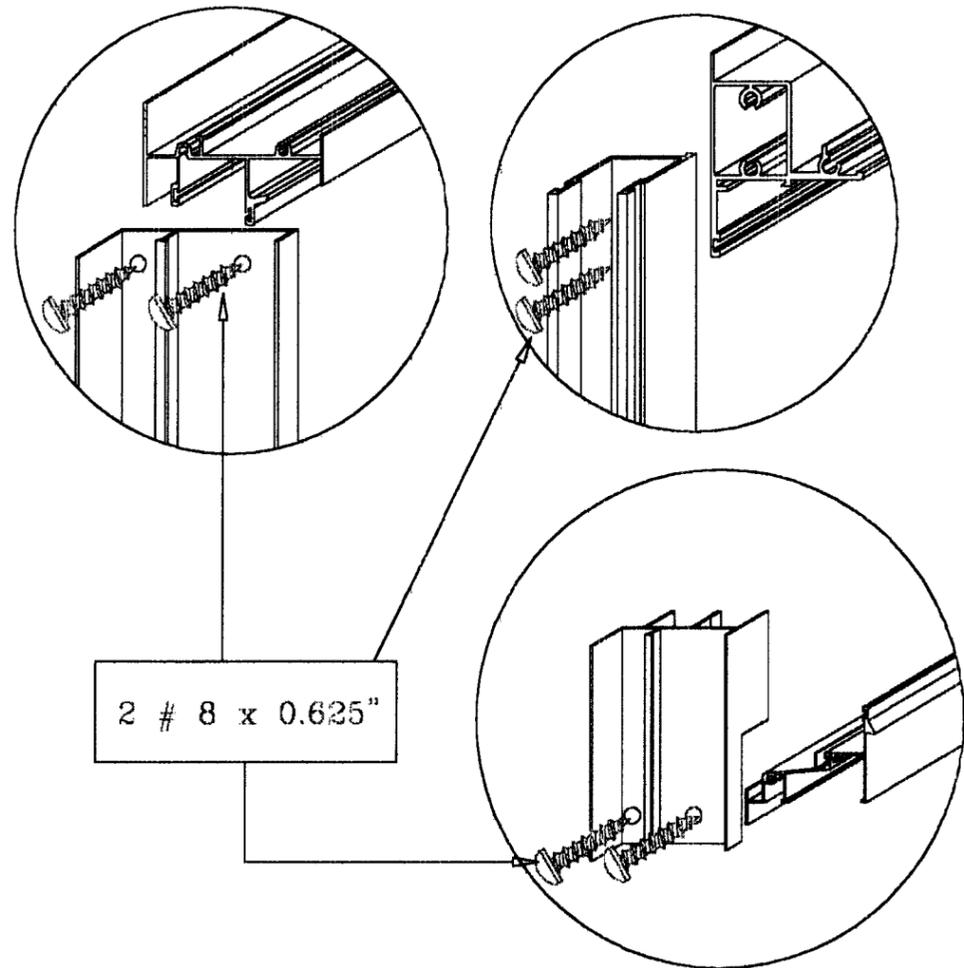
DWG. BY: D.M

SHEET 3 OF 4

KELVYN A. WHITFIELD
MECH. ENGINEER.
FLA. PE # 24140

[Signature]
11/12/02

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Date DEC 12, 2002
NOA# 02-0408-02
Miami Dade Product Control
Division
By Chagga I. Chauda



ITEM No.	PART No.	DESCRIPTION	ALLOY	SUPPLIER
1	11342	D.H. MAIN HEAD	6063-T6	INDALEX
2	11344	D.H. MAIN SILL	6063-T6	INDALEX
3	60IGLB	6000 SERIES GLAZING BEAD IMPACT	6063-T6	INDALEX
4	60IVSL	6000 SERIES TOP SASH VENVY	6063-T6	INDALEX
5	60ITVI	6000 SERIES TOP SASH I' LOCK IMPACT	6063-T6	INDALEX
6	60IBVI	6000 SERIES DIM SASH I' LOCK IMPACT	6063-T6	INDALEX
7	11343	D.H. MAIN JAMB	6063-T6	INDALEX
8	60IVJS	6000 SERIES SASH JAMB/SILL IMPACT	6063-T6	INDALEX
9		PILE WEATHER/STRIP		
10		SILICONE DOW CORNING 995		
11		VINYL WEDGE		
12		GLASS, VARIES		USE: OPTION 1 OR 2
13		STEEL BAR, ASTM A-36		.500 X .625 X RAIL FULL LENGTH
14		ALUMINUM SILL LOCK	TOTAL 4	TOP & BOTTOM VENTS
15		CALCKING SEALANS		SCHNEE-MORE HEAD
16		METALLIC CAM LOCK	TOTAL 2	(1) 10" FROM EA. END

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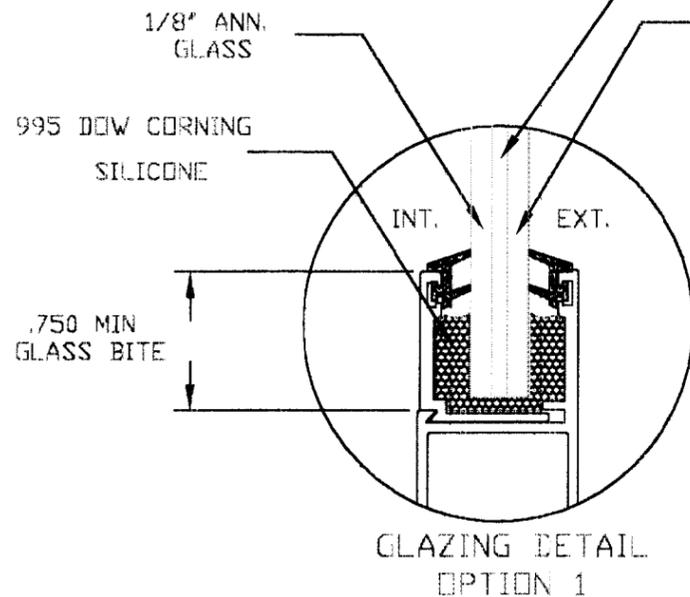
SHEET 4 OF 4

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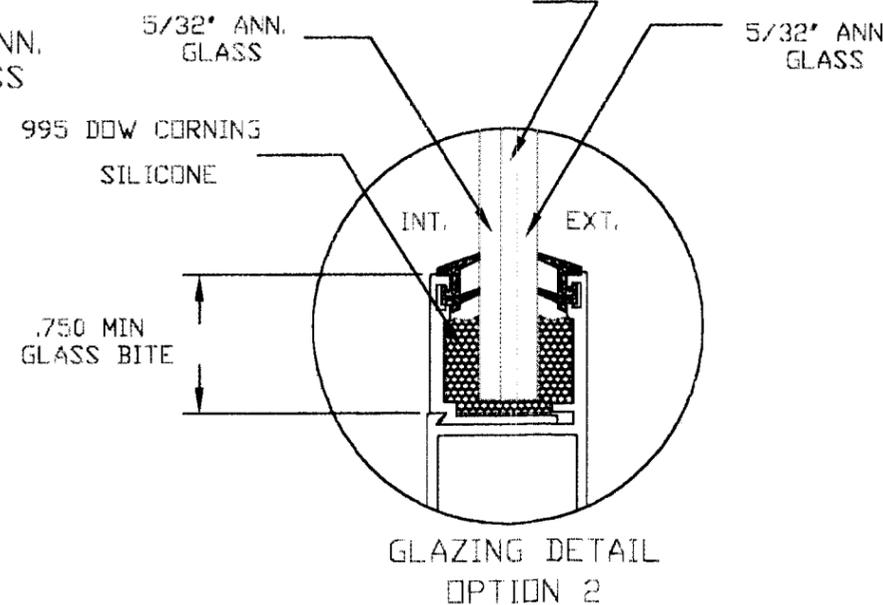
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 SULUTIA PVB SAFLEX/KEEPSAFE



GLAZING DETAIL
 OPTION 1



GLAZING DETAIL
 OPTION 2