



BUILDING CODE COMPLIANCE OFFICE (BCCO)
PRODUCT CONTROL DIVISION

MIAMI-DADE COUNTY, FLORIDA
METRO-DADE FLAGLER BUILDING
140 WEST FLAGLER STREET, SUITE 1107
MIAMI, FLORIDA 33130-1563
(305) 375-2902 FAX (305) 372-6339

NOTICE OF ACCEPTANCE (NOA)

www.miamidade.gov/buildingcode

CGI Windows & Doors, Inc.
10100 NW 25th Street
Miami, FL 33172

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: Series "450 -Transom" Aluminum Fixed Window - L.M.I.

APPROVAL DOCUMENT: Drawing No. W98-38, titled "Transom Lites for Swing Doors", sheets 1 through 3 of 3, dated 05/02/98 with revision "E" dated 07/07/09, prepared by Al-Farooq Corporation, signed and sealed by Arshad Viqar, 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 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 revises NOA No. 06-0127.01 and consists of this page 1 and evidence pages E-1 and E-2, as well as approval document mentioned above.

The submitted documentation was reviewed by **Jaime D. Gascon, P. E.**



J. Gascon
9/22/09

NOA No. 09-0723.03
Expiration Date: November 19, 2011
Approval Date: October 14, 2009
Page 1

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

A. DRAWINGS

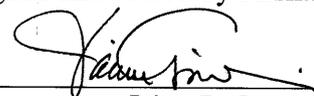
1. Manufacturer's die drawings and sections.
2. Drawing No **W98-38**, titled "Transom Lites for Swing Doors", sheets 1 through 3 of 3, dated 05/02/98 with revision "E" dated 07/07/09, prepared by Al-Farooq Corporation, signed and sealed by Arshad Viqar, P. E.

B. TESTS

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 a aluminum sliding glass door, prepared by Hurricane Test Laboratory, Inc., Test Report No. **HTL 0080-0402.02**, dated 4/1/02, signed and sealed by Vinu J. Abraham, P.E.
(Submitted under NOA No. 03-0422.03)
2. 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
6) Forced Entry Test, per FBC 2411 3.2.1 and TAS 202-94
along with manufacturer's parts and section drawing marked-up drawings of an aluminum In/out swing door w/sidelites, by Hurricane Testing Laboratory, Inc., Test Report No. **HTL-97055 (0080-912-97)** dated 09/23/97 thru 02/27/98 for specimen #1, 2, 3, 4 tested per PA202-94, specimen #4, 5A, 5B, 5C tested per PA201-94 & PA203-94, signed and sealed by Timothy S. Marshall, P.E.
(Submitted under NOA No. 98-0608.21)
3. Tensile Test prepared by Metallurgical, Inc., Report No. **8CM-709**, dated 04/02/98, for cold roll Aluminum samples, tested per ASTM E8, signed and sealed by Frank Grate, P. E.
(Submitted under NOA No. 98-0608.21)
4. Tensile Test prepared by Metallurgical, Inc., Report No. **8CM-709**, dated 10/02/98, for cold roll Aluminum samples, tested per ASTM E-8 and Spectrographic analysis per ASTM E415, signed and sealed by Frank Grate, P. E.
(Submitted under NOA No. 98-0608.21)

C. CALCULATIONS

1. Anchor verification calculations and structural analysis, complying with FBC-2007, prepared by Al-Farooq Corporation, dated 07/07/09, signed and sealed by Arshad Viqar, P. E.
Complies with ASTM E1300-02/ 04



Jaime D. Gascon, P. E.
Chief, Product Control Division
NOA No. 09-0723.03

Expiration Date: November 19, 2011
Approval Date: October 14, 2009

CGI Windows & Doors, Inc.

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

D. QUALITY ASSURANCE

1. Miami-Dade Building Code Compliance Office (BCCO).

E. MATERIAL CERTIFICATIONS

1. Notice of Acceptance No. **06-0216.06** issued to Solutia Inc. for their “**Saflex III G Clear or colored interlayer**” dated 05/04/06, expiring on 05/21/11.

F. STATEMENTS

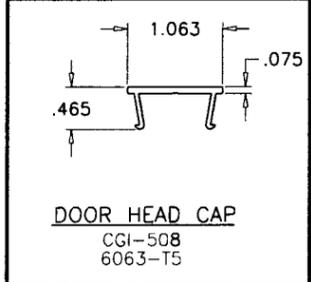
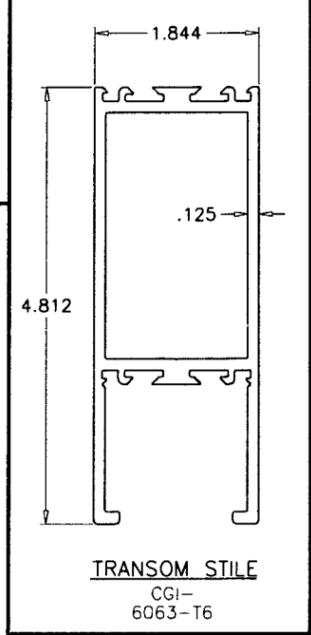
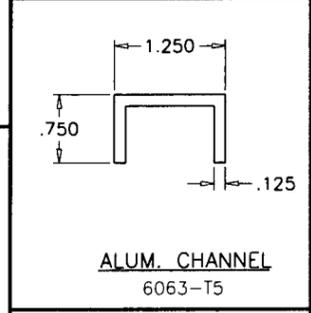
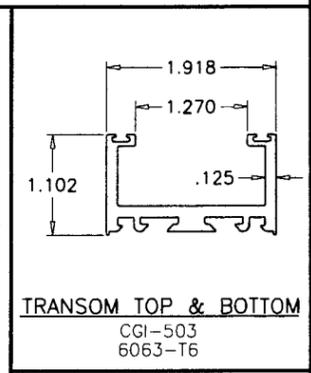
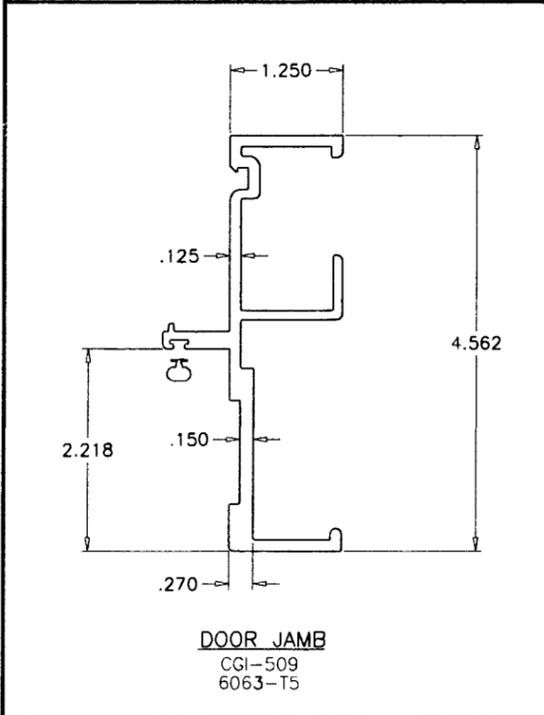
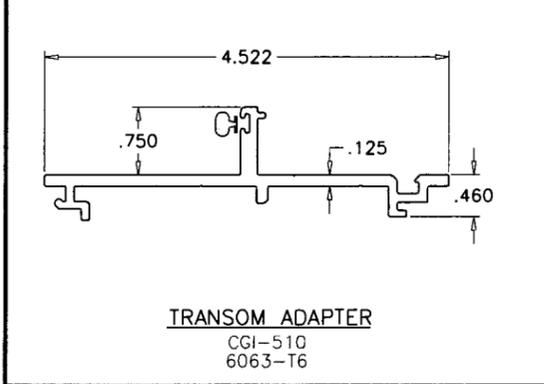
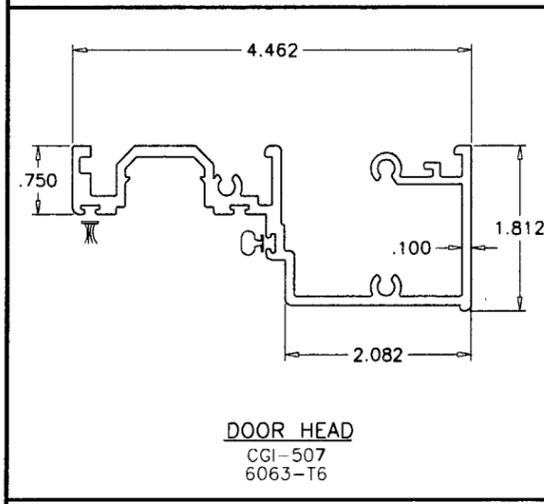
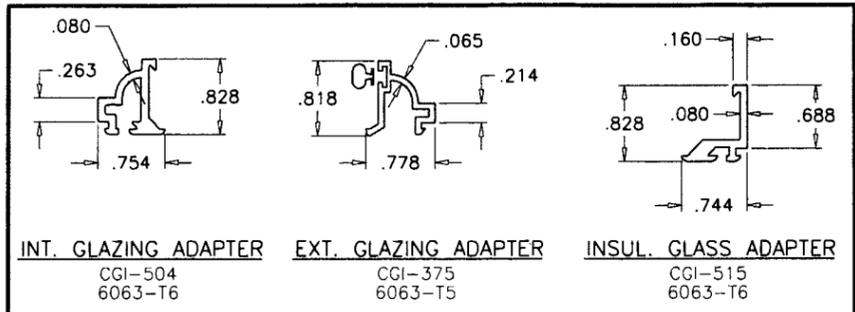
1. Statement letter of conformance, no financial interest and change, dated July 06, 2009, signed and sealed by Arshad Viqar, P. E.
2. Laboratory compliance letter for Test Report no. **HTL 0080-0402.02**, issued by Hurricane Test Laboratory, Inc., dated 11/26/02, signed and sealed by Vinu J. Abraham, P. E.
(Submitted under NOA No. 03-0422.03)
3. Laboratory compliance letter for Test Report no. **HTL-97055 (0080-912-97)**, issued by Hurricane Test Laboratory, Inc., dated 09/23/97 thru 02/27/98, signed and sealed by Timothy S. Marshall, P. E.
(Submitted under NOA No. 98-0608.21)
4. Laboratory compliance letter for Test Report no. **8CM-709**, issued by Metallurgical, Inc., dated 04/02/98, signed and sealed by Frank Grate, P. E.
(Submitted under NOA No. 98-0608.21)

G. OTHERS

1. Notice of Acceptance No. **06-0127.01**, issued to Construction Glass Industries Corp. for their Series “**450 -Transom**” **Aluminum Fixed Window**“, approved on 09/07/06 and expiring on 11/19/11.



Jaime D. Gascon, P. E.
Chief, Product Control Division
NOA No. 09-0723.03
Expiration Date: November 19, 2011
Approval Date: October 14, 2009



TRANSOM LITE LOAD TABLE						
NOMINAL DIMS.		LOAD CAPACITY - PSF				
WIDTH W-IN.	HEIGHT L-IN.	1/2" LAMINATED ANN. GLASS		1" INSUL. LAM. ANN. GLASS		
		EXT.(+)	1NT.(-)	EXT.(+)	1NT.(-)	
36	24	100.0	100.0	80.0	80.0	
42		100.0	100.0	80.0	80.0	
48		100.0	100.0	80.0	80.0	
54		100.0	100.0	80.0	80.0	
60		100.0	100.0	80.0	80.0	
66		100.0	100.0	80.0	80.0	
72		100.0	100.0	80.0	80.0	
36		30	100.0	100.0	80.0	80.0
42	100.0		100.0	80.0	80.0	
48	100.0		100.0	80.0	80.0	
54	100.0		100.0	80.0	80.0	
60	100.0		100.0	80.0	80.0	
66	100.0		100.0	80.0	80.0	
72	100.0		100.0	80.0	80.0	
36	36		100.0	100.0	80.0	79.4
42		100.0	100.0	80.0	79.4	
48		100.0	100.0	80.0	79.4	
54		100.0	100.0	80.0	79.4	
60		100.0	100.0	80.0	79.4	
66		91.7	91.7	80.0	79.4	
72		83.6	83.6	80.0	79.4	
36		42	100.0	100.0	80.0	79.4
42	87.8		87.8	80.0	68.1	
48	87.8		87.8	80.0	68.1	
54	87.8		87.8	80.0	68.1	
60	84.7		84.7	80.0	68.1	
36	48		98.0	98.0	80.0	79.4
42			87.8	87.8	80.0	68.1
48			76.8	76.8	74.5	59.6
54		76.8	76.8	74.5	59.6	
36		54	87.1	87.1	80.0	79.4
42			87.8	87.8	80.0	68.1
48			76.8	76.8	74.5	59.6
36			60	78.4	78.4	78.4
42	87.8			87.8	80.0	68.1

NOTE:
GLASS CAPACITIES ON THIS SHEET ARE
BASED ON ASTM E1300-02/04 (3 SEC. GUSTS).

NOTES:

THIS PRODUCT HAS BEEN DESIGNED AND TESTED TO COMPLY WITH THE REQUIREMENTS OF THE FLORIDA BUILDING CODE 2007 EDITION INCLUDING HIGH VELOCITY HURRICANE ZONE (HVHZ).

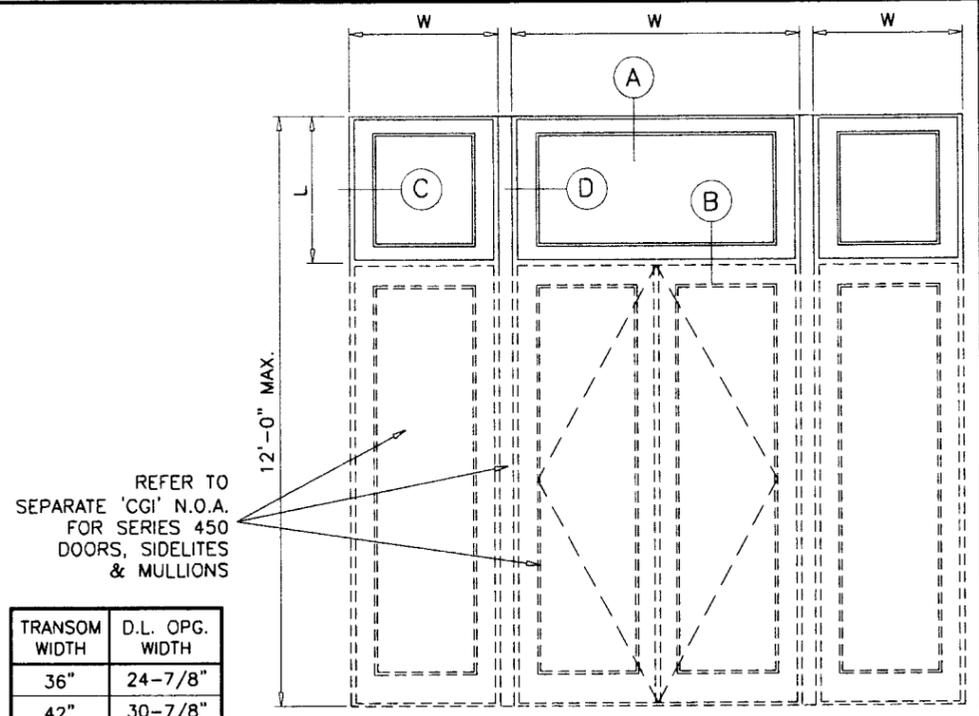
WOOD BUCKS BY OTHERS, MUST BE ANCHORED PROPERLY TO TRANSFER LOADS TO THE STRUCTURE.

ANCHORS SHALL BE AS LISTED, SPACED AS SHOWN ON DETAILS, ANCHORS EMBEDMENT TO BASE MATERIAL SHALL BE BEYOND WALL DRESSING OR STUCCO.

ANCHORING OR LOADING CONDITIONS NOT SHOWN IN THESE DETAILS ARE NOT PART OF THIS APPROVAL.

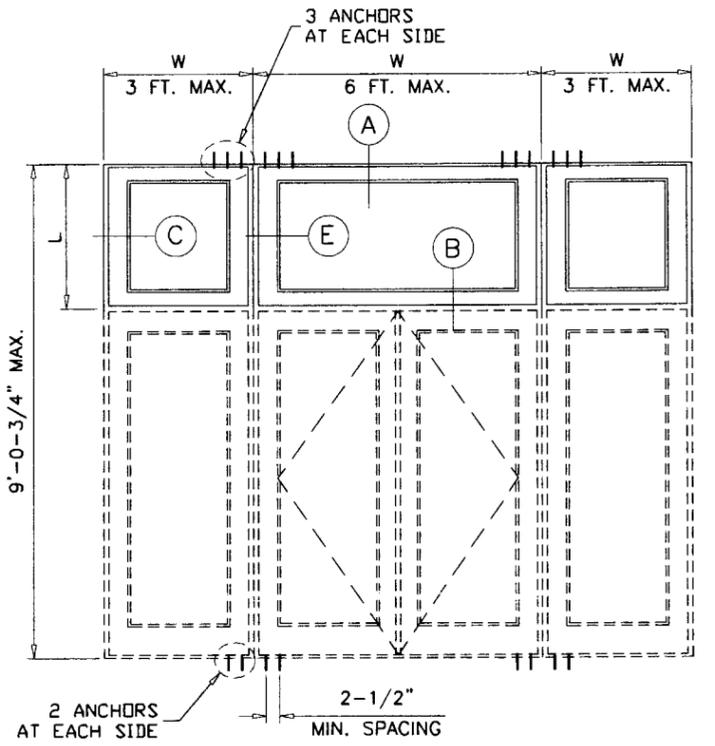
A LOAD DURATION INCREASE IS USED IN DESIGN OF ANCHORS INTO WOOD ONLY.

MATERIALS INCLUDING BUT NOT LIMITED TO STEEL/METAL SCREWS, THAT COME INTO CONTACT WITH OTHER DISSIMILAR MATERIALS SHALL MEET THE REQUIREMENTS OF 2007 FLORIDA BLDG. CODE SECTION 2003.8.4.



TRANSOM WIDTH	D.L. OPG. WIDTH
36"	24-7/8"
42"	30-7/8"
48"	36-7/8"
54"	42-7/8"
60"	48-7/8"
72"	60-7/8"

TRANSOM HEIGHT	D.L. OPG. HEIGHT
12"	7-3/8"
18"	13-3/8"
24"	19-3/8"
30"	25-3/8"
36"	31-3/8"
42"	37-3/8"
48"	43-3/8"
54"	49-3/8"
60"	55-3/8"



P_{MAX} FOR THIS CONDITION = 72.3 PSF

TRANSOMS WITH LAMINATED GLASS RATED FOR LARGE MISSILE IMPACT. SHUTTERS ARE NOT REQUIRED.

Engr: ARSHAD VIOAR
CIVIL
FLA. PE # 38863
C.A.N. 3538
SEP 23 2009

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 09-0723.03
Expiration Date NOVEMBER 19, 2011

AL-FAROQ CORPORATION
ENGINEERS & PRODUCT DEVELOPMENT
1235 S.W. 87 AVE
MIAMI, FLORIDA 33174
TEL. (305) 264-8100 FAX. (305) 262-6978
COMP-ANL W98-38CGI

TRANSOM LITES FOR SWING DOORS
CGI WINDOWS & DOORS
10100 N.W. 25TH STREET
MIAMI, FL. 33172
TEL. (305) 593-6590 FAX. (305) 593-6592

no.	date	description
A	10.15.98	GENERAL REVISION
B	11.02.01	CHARTS REV. PER 1997 NDS
C	01.06.03	INSUL. GLASS ADDED
D	12.22.05	UPDATED FOR 2004 FBC
E	07.07.09	UPDATED FOR 2007 FBC

date: 05-02-98
scale: 1/2" = 1"
dr. by: HAMID
chk. by:

drawing no.
W98-38
sheet 1 of 3

no	date	by	description
C	01.06.03		INSUL. GLASS ADDED
D	12.22.05		UPDATED FOR 2004 FBC
E	07.07.09		UPDATED FOR 2007 FBC

date:	05-02-98
scale:	1/2" = 1"
dr. by:	HAMID
chk. by:	

* NOTE:
 ANCHORS MAY ALSO BE
 DIRECTLY TO MASONRY
 WITH 1/4" MAX. SHIM SPACE

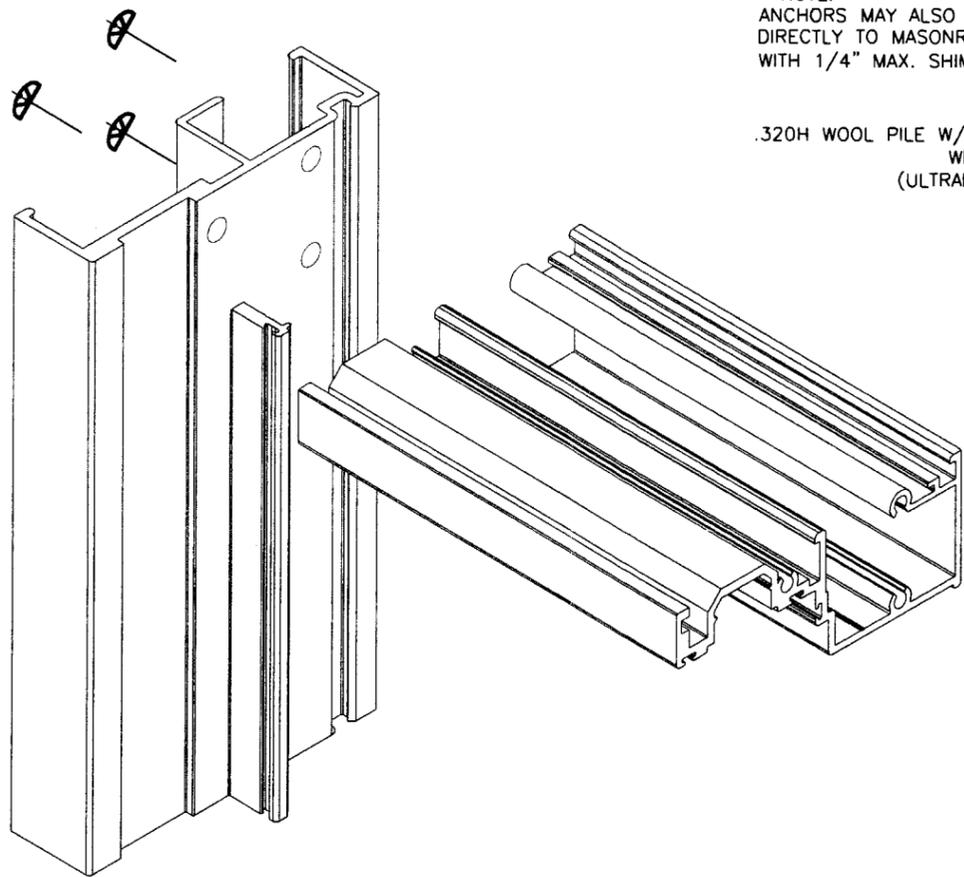
* 1/4" ULTRACON AS MFG. BY ELCO
 1-1/4" EMBED INTO MASONRY
 6" FROM CORNERS & 24" O.C.

.320H WOOL PILE W/ CENTERFIN
 WEATHERSEAL
 (ULTRAFAB #3032)

.350H FOAM-TITE
 WEATHERSEAL
 (AMESBURY #32010)

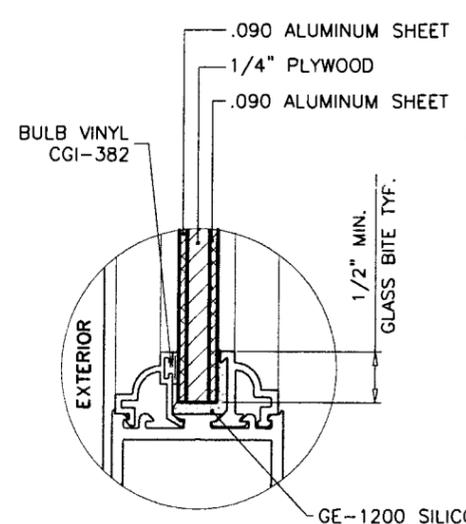
GE 1200 SILICONE TYP.

#10 X 1" SMS
 @ 6" FROM ENDS & 12" O.C.
 OR
 3/16 X 1" KWIK-FLEX S.D. SCREWS
 @ 6" FROM ENDS & 18" O.C.

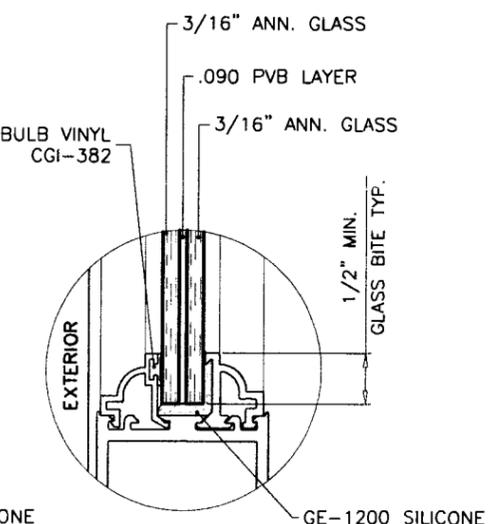


FRAME CORNER DETAIL

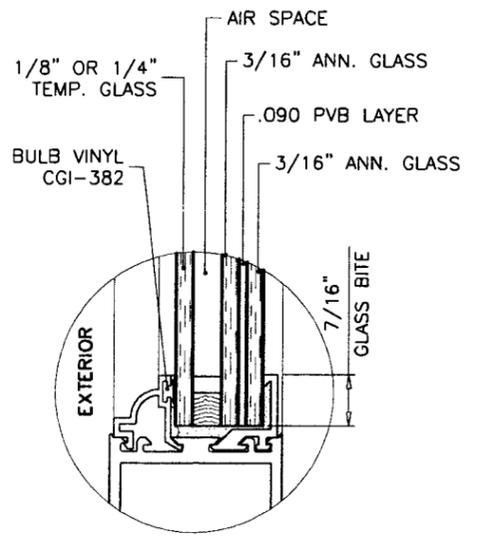
ALL CORNERS TO BE SEALED WITH
 LOW MODULUS SILICONE SILPRUF OR EQUIVALENT



.430" THK. OVERALL

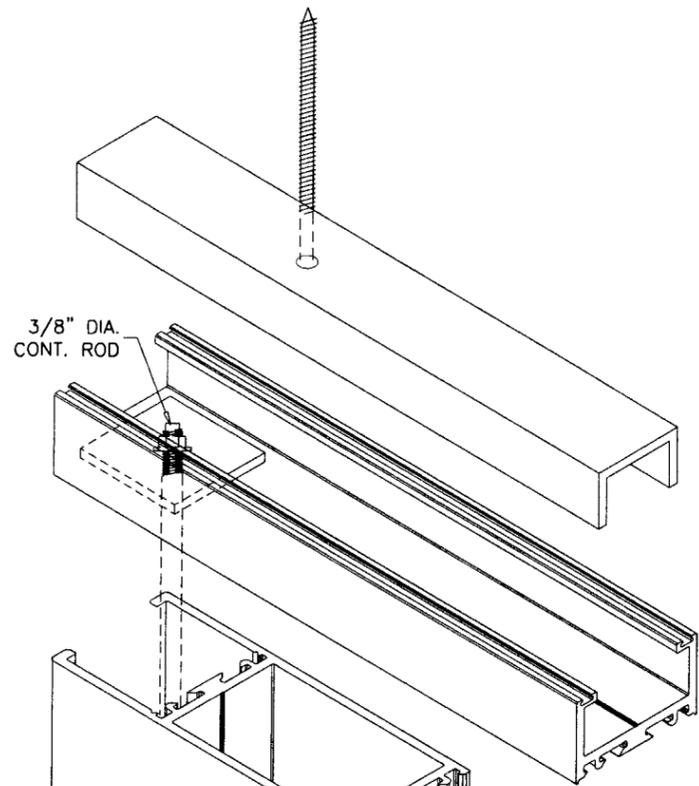


.450" THK. OVERALL



.935" THK. OVERALL (1/4" EXT. LITE & 1/4" AIR SPACE)
.945" THK. OVERALL (1/8" EXT. LITE & 3/8" AIR SPACE)

WOOD BUCKS NOT BY C.G.I., MUST SUSTAIN LOADS
 IMPOSED BY GLAZING SYSTEM AND TRANSFER THEM
 TO THE BUILDING STRUCTURE.



PANEL CORNER DETAIL

1-1/2" X 1-1/2" X 3/16"
 ALUM PLATE

EXTERIOR
 TRANSOM HEIGHT

(A)

(B)

PRODUCT REVISED
 as complying with the Florida
 Building Code
 Acceptance No. **09-0723.03**
 Expiration Date **NOVEMBER 19, 2011**
 By: *[Signature]*
 Miami Code Product Control
 Division

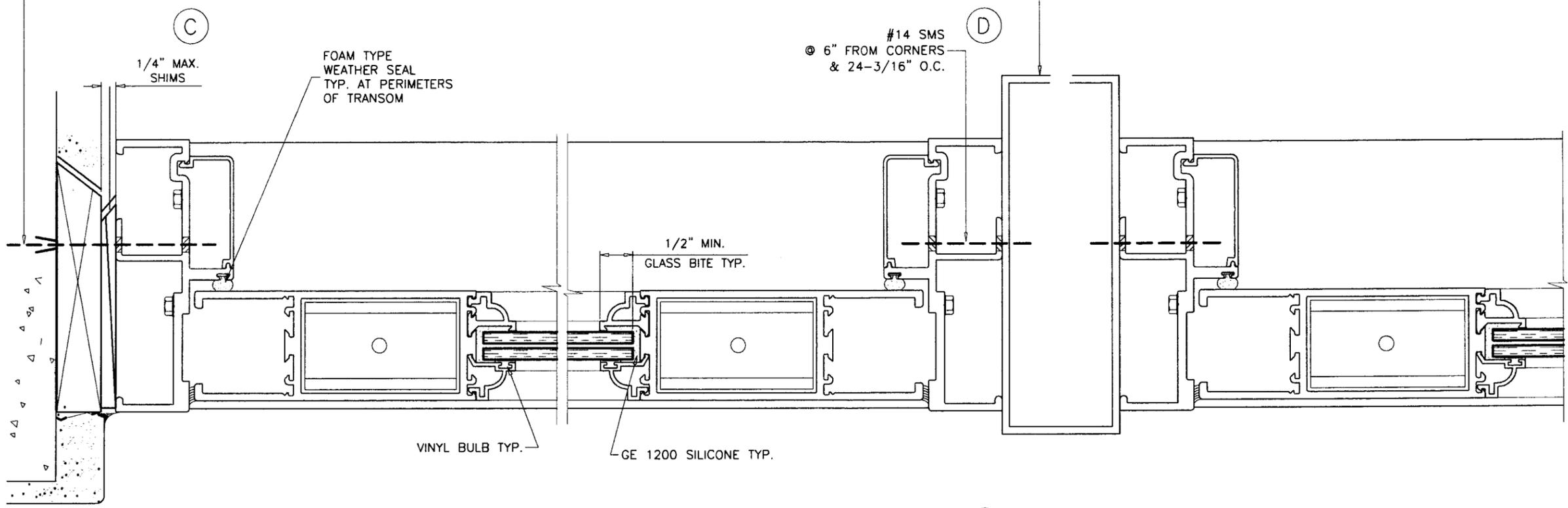
Engr: ARSHAD VICAR
 CIVIL
 FLA. PE # 38863
 C.A.N. 3538

[Signature]

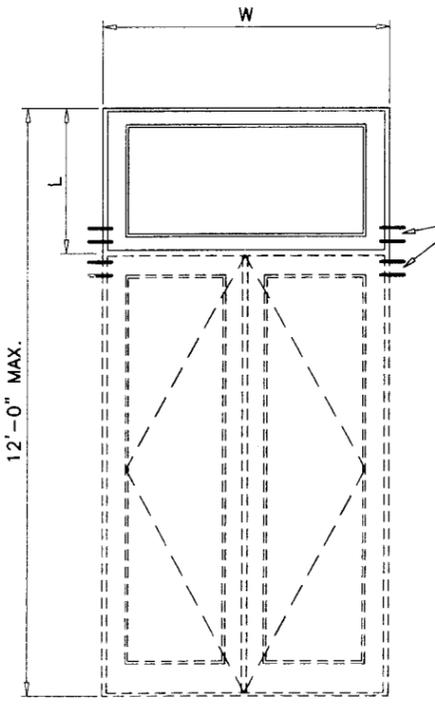
SEP 23 2009

1/4" ULTRACON
 1-1/4" EMBED INTO MASONRY
 6" FROM CORNERS & 24-3/16" O.C.
 1-3/4" MIN. EDGE DIST.
 (SEE DETAIL BELOW)

* NOTE:
 ANCHORS MAY ALSO BE
 DIRECTLY TO MASONRY
 WITH 1/4" MAX. SHIM SPACE

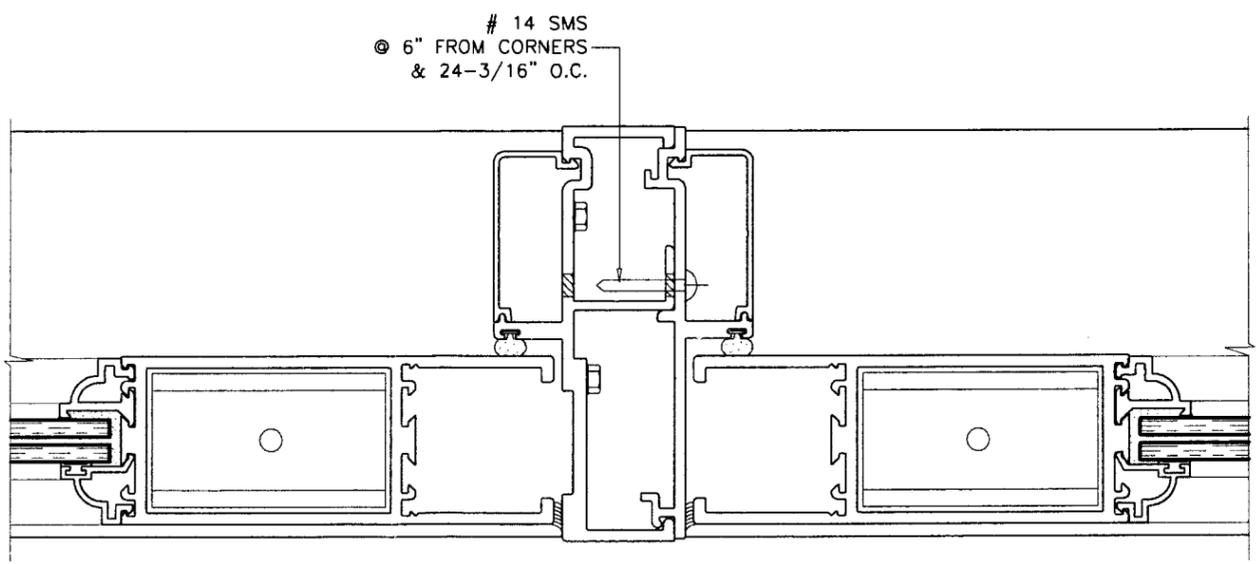


EXTERIOR



(4) 1/4" ULTRACON
 INTO WOOD STRUCTURE
 1-3/8" MIN. EMBED
 THRU WOOD BUCK INTO MASONRY
 1-1/4" MIN. MASONRY EMBED
 1-3/4" MIN. EDGE DIST.
 AT 3" O.C. SPACING

ANCHORING DETAIL FOR TRANSOM ENDS
 FOR TRANSOMS WITHOUT SIDELITES
 AND XX DOORS BELOW



NOTES:
 1/4" DIA. ULTRACON BY 'ELCO' (Fu=177 KSI, Fy=155 KSI)
 1-3/4" MIN. EDGE DISTANCE INTO CONC. & MASONRY
 3/4" MIN. EDGE DISTANCE INTO WOOD
 CONCRETE f'c = 3000 PSI MIN.
 C-90 HOLLOW/FILLED BLOCK f'm = 2000 PSI MIN.

Engr: ARSHAD VIQAR
 CIVIL
 FLA. PE # 38863
 C.A.N. 3538
 SEP 23 2009

PRODUCT REVISED
 as complying with the Florida
 Building Code
 Appearance No. 09-0723.03
 Expiration Date NOVEMBER 19, 2011
 By: [Signature]
 Miami, FL Product Control
 Division

afc
AL-FAROOQ CORPORATION
 ENGINEERS & PRODUCT DEVELOPMENT
 1235 S.W. 87 AVE
 MIAMI, FLORIDA 33174
 TEL. (305) 264-8100 FAX. (305) 262-6978
 COMP - ANL \ W98 - 38CGI

TRANSOM LITES FOR SWING DOORS
CGI WINDOWS & DOORS
 10100 N.W. 25TH STREET
 MIAMI, FL. 33172
 TEL. (305) 593-6590 FAX. (305) 593-6592

no.	date	by	description
C	01.06.03		NO CHANGE THIS SHEET
D	12.22.05		NO CHANGE THIS SHEET
E	07.07.09		UPDATED FOR 2007 FBC

date: 05-02-98
 scale: 1/2" = 1"
 dr. by: HAMID
 chk. by:

drawing no.
W98-38
 sheet 3 of 3