



MIAMI-DADE
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)

Construction Glass Industries Corp.
7840 NW 62nd Street
Miami, FL 33166

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 "450" Aluminum and Glass Transoms

APPROVAL DOCUMENT: Drawing No. **W98-38**, titled "Transoms Lites for Swing Doors", sheets 1 through 3 of 3, prepared by Al Farooq, dated 5/2/98 with revision on 1/6/03, signed and sealed by Humayoun Farooq, 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

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 # **01-1109.02** and, consists of this page 1 as well as approval document mentioned above. The submitted documentation was reviewed by **Theodore Berman, P.E.**

Handwritten: 2/19
6/24/03



NOA No 03-0422.03
Expiration Date: November 19, 2006
Approval Date: July 17, 2003

Construction Glass Industries Corp.

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

(For File ONLY. Not part of NOA)

A. DRAWINGS

1. Manufacturer's die drawings and sections.
2. Drawing No. **W98-38**, titled "Transoms Lites for Swing Doors", sheets 1 through 3 of 3, prepared by Al Farooq, dated 5/2/98 with revision on 1/6/03, signed and sealed by Humayoun Farooq, P.E.

B. TESTS

1. Test reports on 1) Uniform Static Air Pressure Test, Loading per FBC, TAS 202-94
5) Large Missile Impact Test per FBC, TAS 201-94
6) 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# 98-0608.21

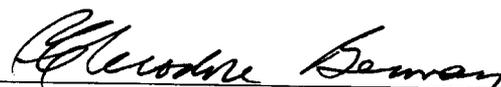
2. Test reports on 1) Air Infiltration Test, per FBC, TAS 202-94
2) Uniform Static Air Pressure Test, Loading per FBC, TAS 202-94
3) Water Resistance Test, per FBC, TAS 202-94
4) Large Missile Impact Test per FBC, TAS 201-94
5) Cyclic Wind Pressure Loading per FBC, TAS 203-94
6) Forced Entry Test, per 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.

B. CALCULATIONS

1. Anchor Calculations, dated 4/1/03, prepared, signed and sealed by Humayoun Farooq, P.E.

Submitted under NOA# 98-0608.21

2. Anchor Calculations, prepared by Al-Farooq Corporation, dated 04/21/98 and revised on 10/13/98, signed and sealed by Dr. Humayoun Farooq, P.E.



Theodore Berman, P.E.
Deputy Director, Product Control Division

NOA No 03-0422.03

Expiration Date: November 19, 2006

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Construction Glass Industries Corp.

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(For File ONLY. Not part of NOA)

C. MATERIAL CERTIFICATIONS

Submitted under NOA# 98-0608.21

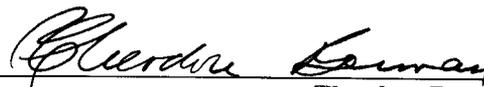
1. PVB interlayer
2. Tensile Test prepared by Metallurgical, Inc., Report No. 8CM-709, dated 04/02/98, for cold roll Aluminum samples, tested per ASTM E8, signed and sealed by Frank Grate, P.E.
3. Tensile Test prepared by Metallurgical, Inc., Report No. 8CM-709, dated 10/02/98, for cold roll Aluminum samples, tested per ASTM E-8 and Spectrographic analysis per ASTM E415, signed and sealed by Frank Grate, P.E.

D. STATEMENTS

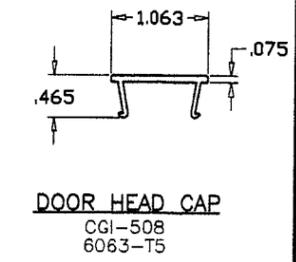
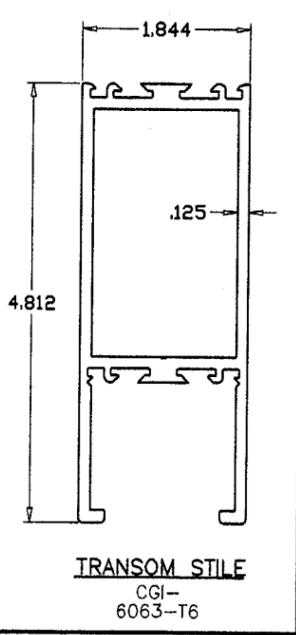
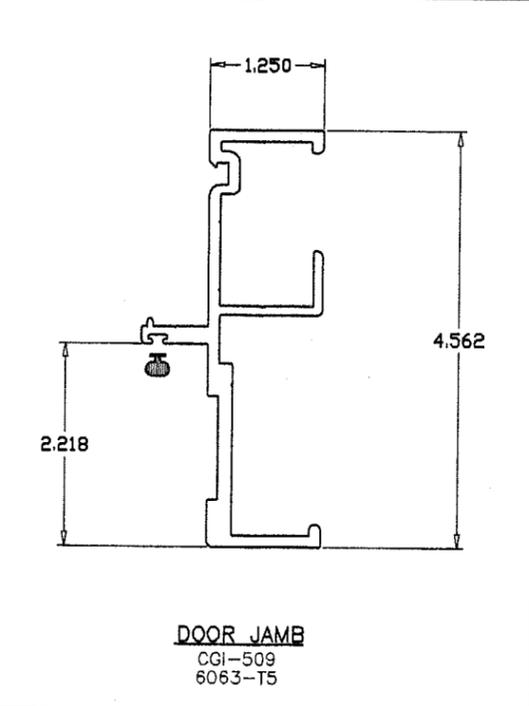
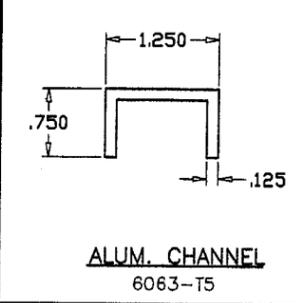
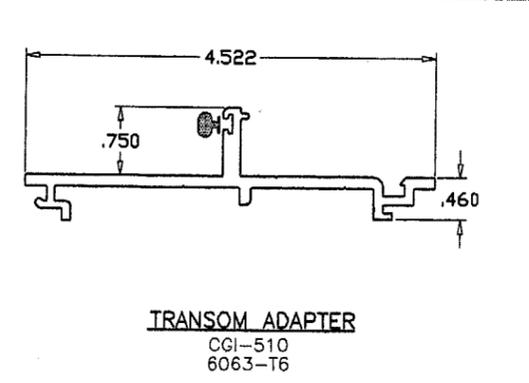
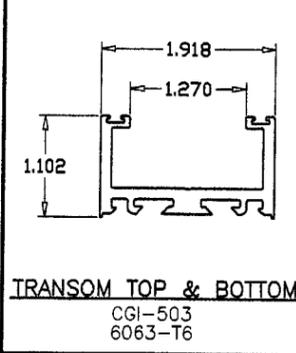
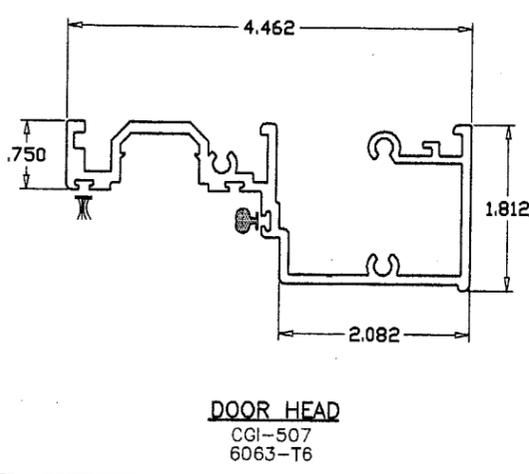
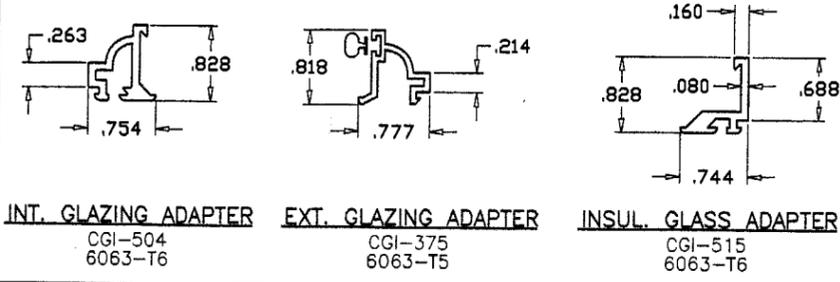
1. Statement letter of no financial interest, dated 4/1/03, signed by Humayoun Farooq, P.E.
2. Statement letter of conformance, dated 4/1/03, signed by Humayoun Farooq, P.E.
3. Laboratory compliance letter for Test Report no. **HTL 0080-0402.02**, issued by Hurricane Test Laboratory, Inc., dated 11/26/02, signed and sealed by Vinu J. Abraham, P.E.

F. OTHER

1. Notice of Acceptance No. **01-1109.02**, issued to Construction Glass Industries Corp., Series "450" Aluminum and Glass Transoms, approved on 12/20/01 and expiring on 11/19/06.



Theodore Berman, P.E.
Deputy Director, Product Control Division
NOA No 03-0422.03
Expiration Date: November 19, 2006
Approval Date: July 17, 2003



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.(+)	INT.(-)	EXT.(+)	INT.(-)	
36	12	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	18	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	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		92.0	92.0	80.0	79.4	
66		91.7 (92.0)*	91.7 (92.0)*	80.0	79.4	
72		83.6 (92.0)*	83.6 (92.0)*	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		78.9	78.9	78.9	68.1	
36		48	100.0	100.0	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		100.0	100.0	80.0	79.4
42			87.8	87.8	80.0	68.1
48			76.8	76.8	74.5	59.6
36		60	92.0	92.0	80.0	79.4
42			78.9	78.9	78.9	68.1

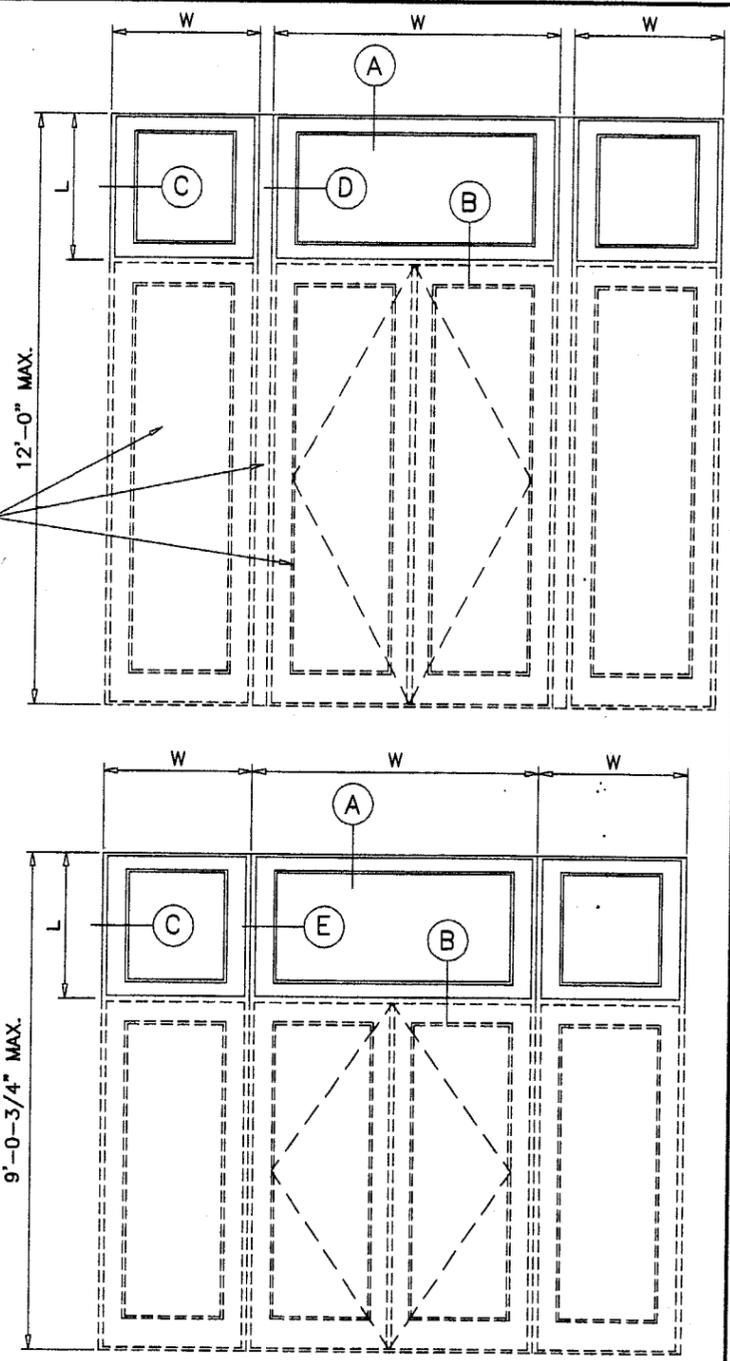
* (92.0) CAPACITY WITH H.S. GLASS

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

REFER TO SEPARATE 'CGI' N.O.A. FOR SERIES 450 DOORS, SIDELITES & MULLIONS

TRANSOM WIDTH	D.L. DPG. WIDTH
36'	24'-7/8"
42'	30'-7/8"
48'	36'-7/8"
54'	42'-7/8"
60'	48'-7/8"
66'	54'-7/8"
72'	60'-7/8"

TRANSOM HEIGHT	D.L. DPG. 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"



NOTES:

- THIS PRODUCT IS DESIGNED TO COMPLY WITH THE HIGH VELOCITY HURRICANE ZONE OF THE 2001 FLORIDA BUILDING CODE. ALSO FOR WIND LOADS AS PER ASCE 7-88, ASCE 7-93, ASCE 7-95 OR ASCE 7-98 AS REQUIRED BY PREVAILING BUILDING CODE.
- WOOD BUCKS BY OTHERS, MUST BE ANCHORED PROPERLY TO TRANSFER LOADS TO THE STRUCTURE.
- ANCHORS SHALL BE AS LISTED, SPACED AS SHOWN ON DETAILS. ANCHOR EMBEDMENT TO BASE MATERIAL SHALL BE BEYOND WALL DRESSING OR STUCCO.

Engr: DR. HUMAYOUN FAROOQ
STRUCTURES
FLA. PE # 16557
C.A.N. 3538

APR 10 2003

PRODUCT REVISED as complying with the Florida Building Code
Acceptance No. 03-0422.03
Expiration Date 11/19/06
By: *Cherise Lewis*
Miami Dade Product Control Division

AL-FAROOQ CORPORATION
ENGINEERS, PLANNERS & PRODUCT DESIGN
1235 SW 87 AVE
MIAMI, FLORIDA 33174
TEL. (305) 264-8100 FAX. (305) 262-6978
COMP-ANL/W98-38CGI

TRANSOM LITES FOR SWING DOORS
CONSTRUCTION GLASS INDUSTRIES CORP.
7840 N.W. 62 STREET
MIAMI, FL. 33166
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

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

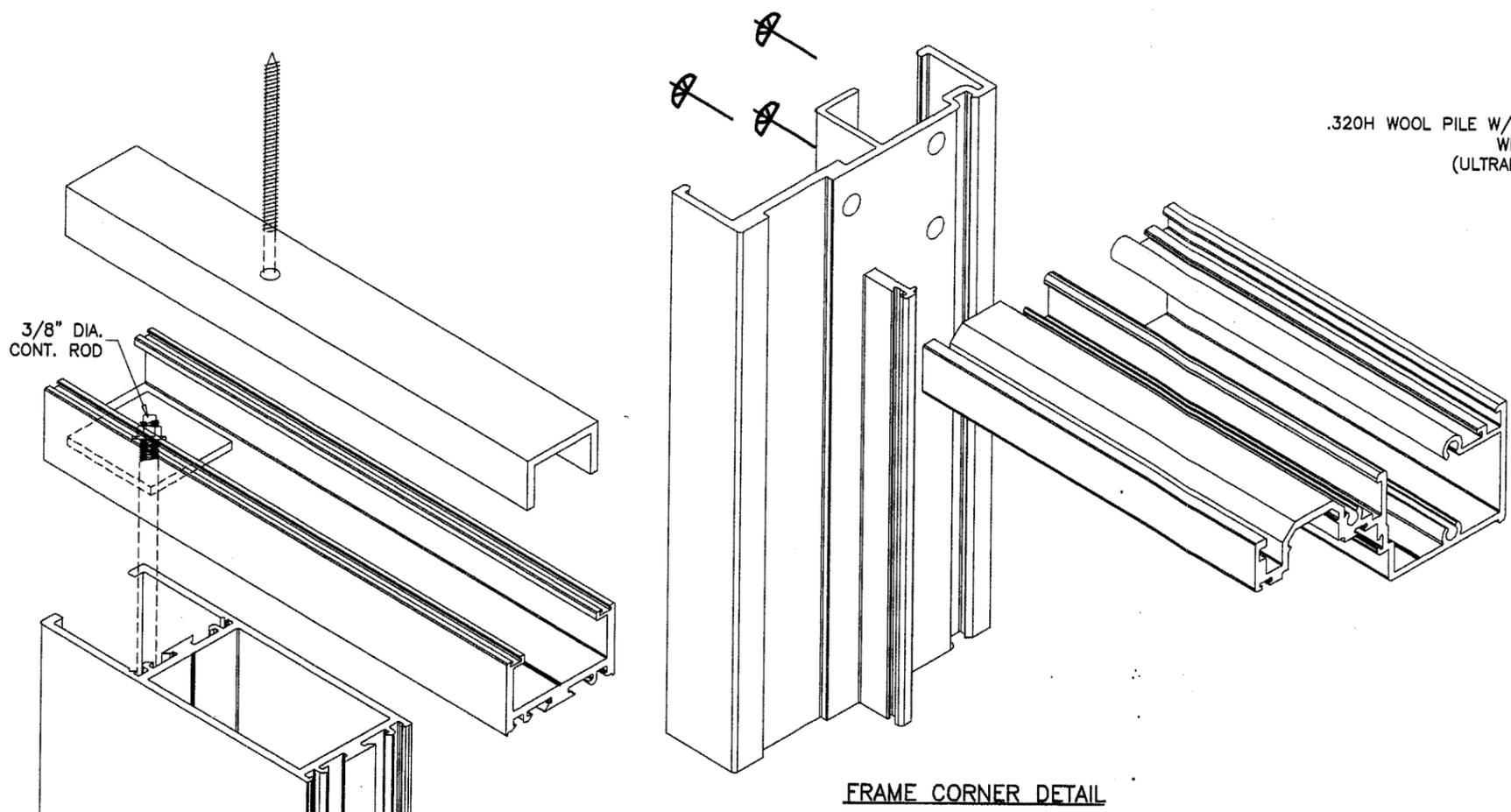
drawing no. **W98-38**
sheet 1 of 3

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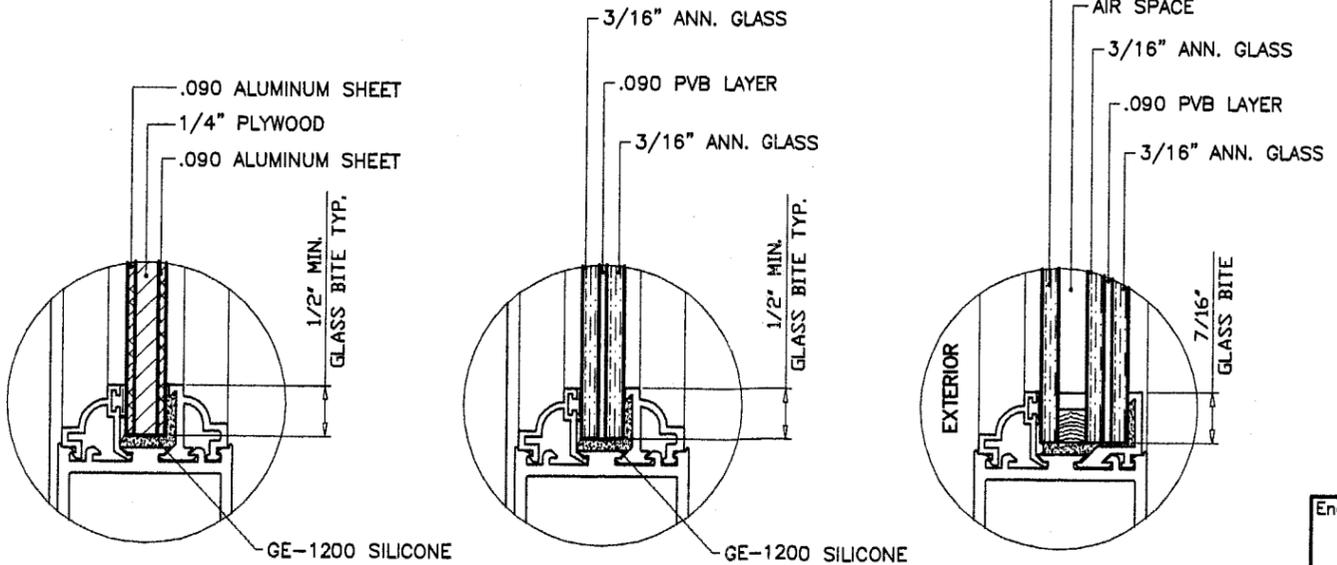
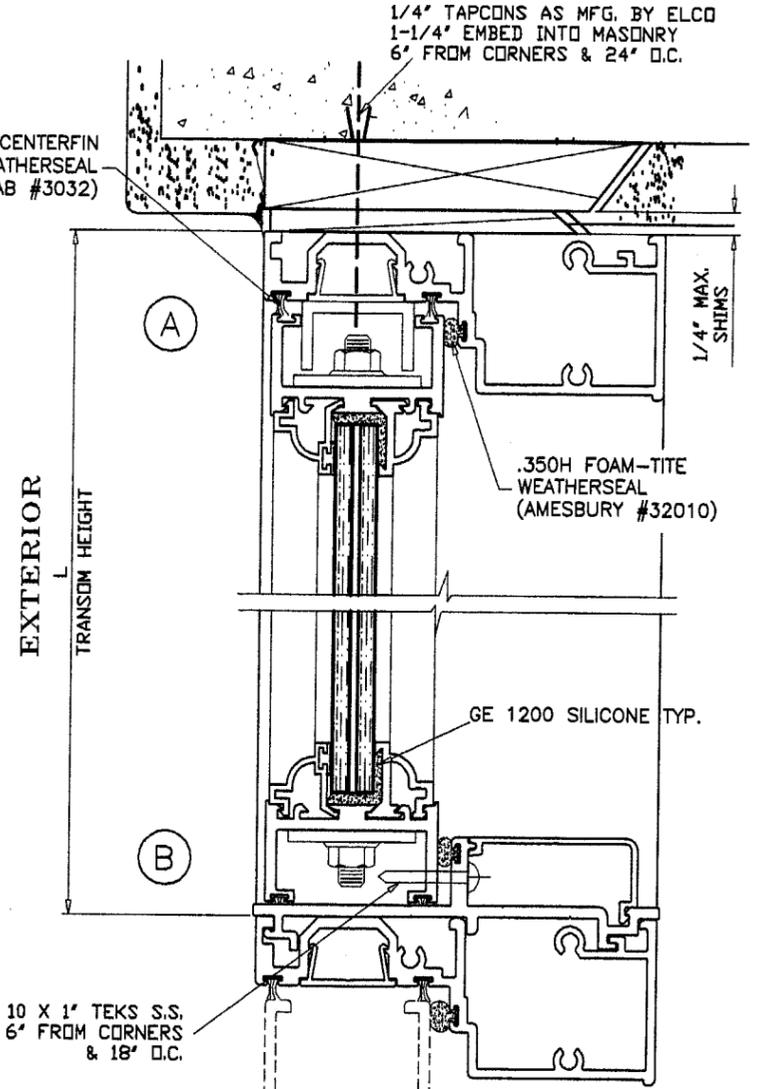
AL-FAROOQ CORPORATION
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COMP-ANL W98-38CGI



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



TYPICAL GLAZING DETAILS

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

Engr. DR. HUMAYOUN FAROOQ
 STRUCTURES
 FLA. PE # 16557
 C.A.N. 3538

APR 10 2003

PRODUCT REVISED
 as complying with the Florida Building Code
 Acceptance No. 03-0422-03
 Expiration Date 11/19/06

By: *Claudia German*
 Miami Dade Product Control Division

no	date	description
C	01.06.03	INSUL. GLASS ADDED

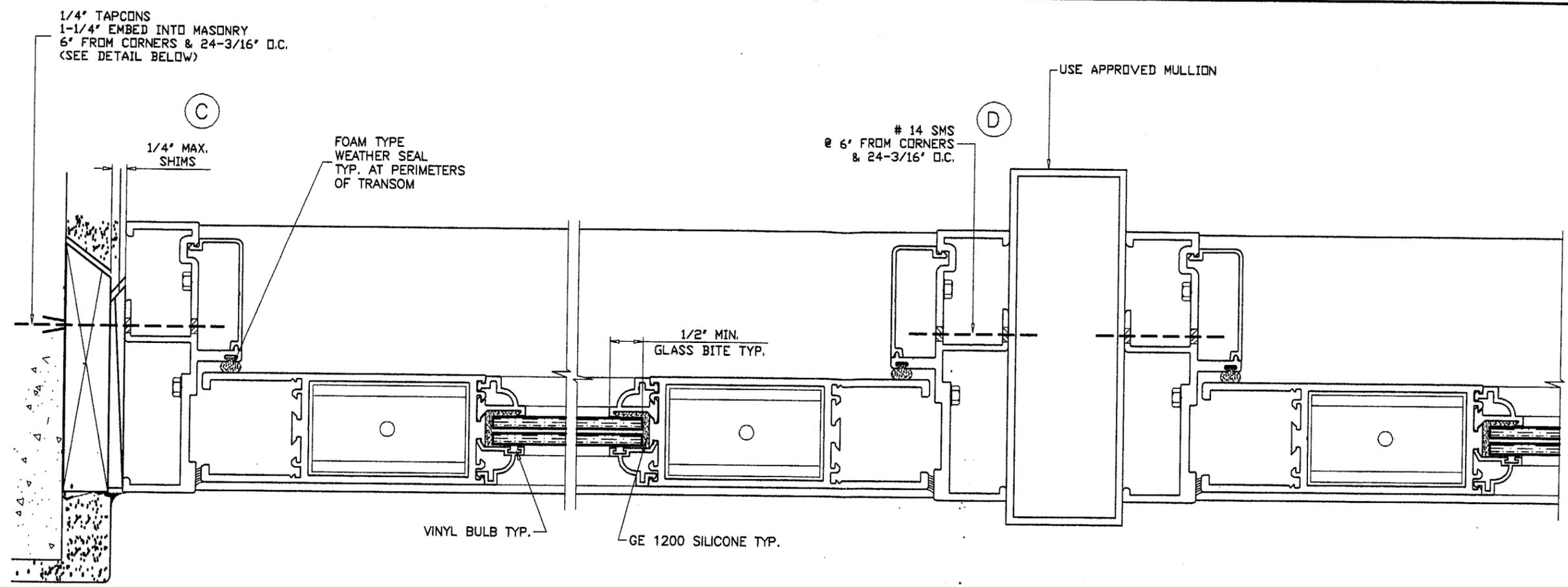
date: 05-02-98
 scale: 1/2" = 1"
 dr. by: HAMID
 chk. by:

drawing no.
W98-38

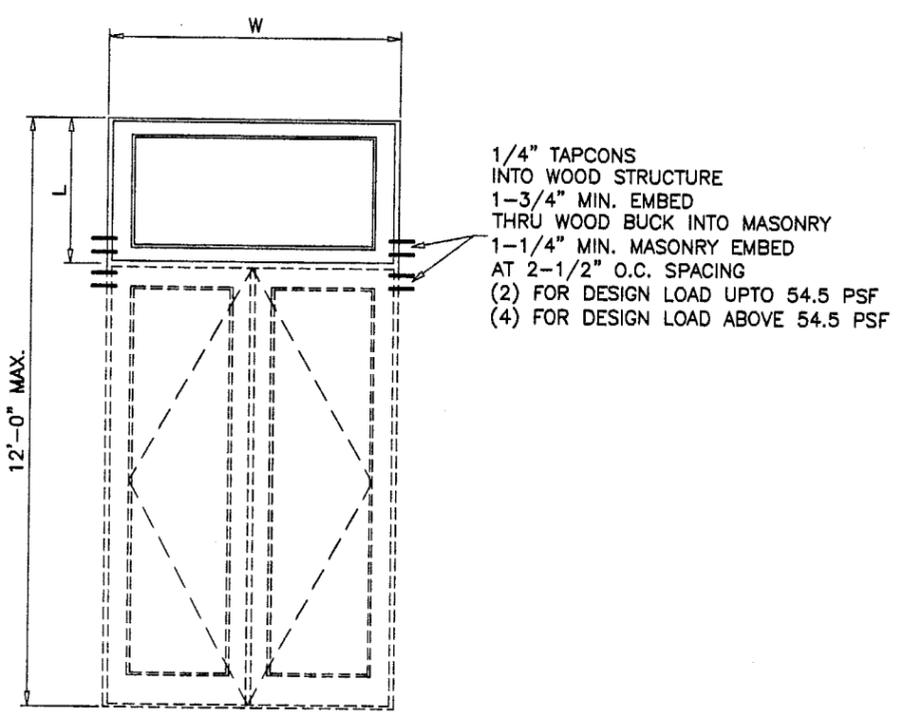
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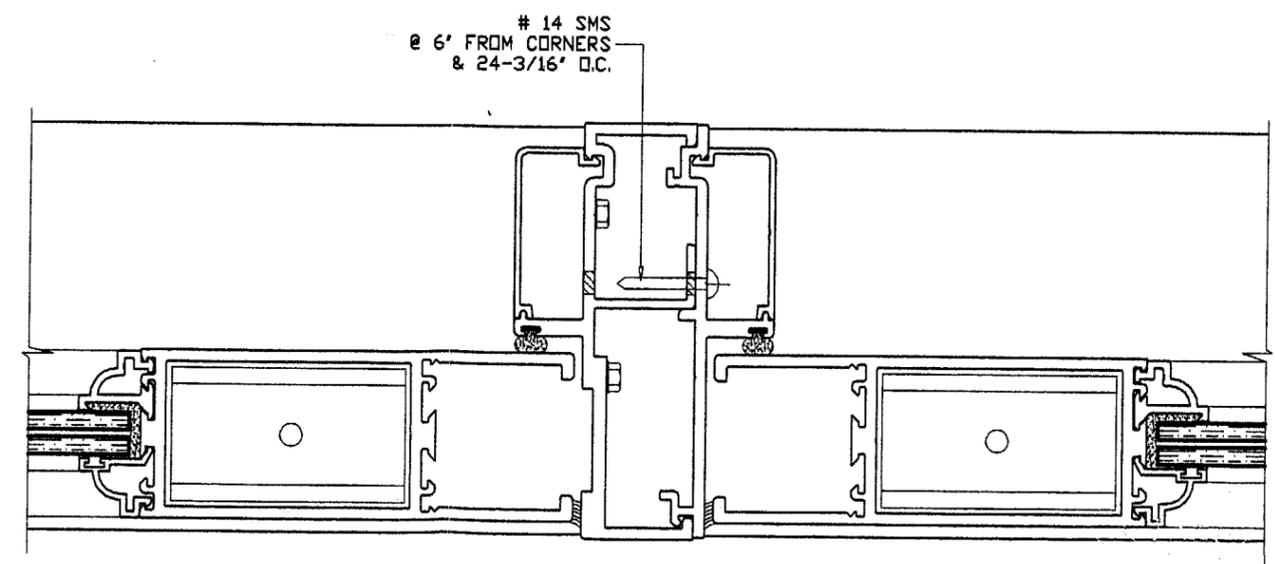
TRANSOM LITES FOR SWING DOORS
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 7840 N.W. 62 STREET
 MIAMI, FL. 33166
 TEL. (305) 593-6590 FAX (305) 593-6592



EXTERIOR



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



TAPCONS AS MANUFACTURED BY ELCO.

Engr: DR. HUMAYOUN FAROOQ
 STRUCTURES
 FLA. PE # 16557
 C.A.N. 3538

APR 10 2003

PRODUCT REVISED
 as complying with the Florida
 Building Code
 Acceptance No. 03-0422.03
 Expiration Date 11/19/06

By *Clawan Bernier*
 Miami Dade Product Control
 Division

revisions:	no.	date	by	description
	C	01.06.03		NO CHANGE THIS SHEET

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

drawing no.
W98-38

sheet 3 of 3