



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)

www.buildingcodeonline.com

Traco Security Windows & Doors, Inc.
71 Progress Avenue
Cranberry Township, PA 16066

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 "140(248)" Aluminum Sliding Glass Door - L.M.I.

APPROVAL DOCUMENT: Drawing No. **W01-59**, titled "Series 140 (248)Alum. Sliding Glass Door", sheets 1 through 5 of 5, dated 08/30/01 with last revision "C" dated 05/22/06, prepared by Al- Farooq Corporation 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# 01-1003.02 consists of this page 1 and evidence page E-1, as well as approval document mentioned above.

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



J. Gascon
6/19/06

NOA 06-0201.03
Expiration Date: January 24, 2007
Approval Date: June 29, 2006
Page 1

Traco Security Windows & Doors, Inc.

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

A. DRAWINGS

1. Manufacturer's die drawings and sections.
2. Drawing No. **W01-59**, titled "Series 140 (248) Alum. Sliding Glass Door", sheet through 5 of 5, dated 08/30/01 with revision "C" dated 05/22/06, prepared by Al-Farooq Corporation, signed and sealed by, Humayoun Farooq, 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 20294
 - 3) Water Resistance Test, per FBC, TAS 202-94
 - 4) Large Missile Impact Test per FBC, TAS 201-94
 - 5) Forced Entry Test, per FBC 2411.3.2.1 and TAS 202-94along with marked-up drawings and installation diagram of an aluminum sliding glass door, prepared by Certified Testing Laboratories, Test Report No. **CTLA-682W** dated 07/25/01, signed and sealed by Ramesh C. Patel, P.E.
"Submitted under NOA# 01-1003.02"

C. CALCULATIONS

1. Revised Anchor verification calculations, complying with FBC-2004, dated 05/24/06, prepared by AL-Farooq Corporation, signed and sealed by Humayoun Farooq, P.E.
Complies with ASTM E 1300-98

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 PVB Interlayer", approved on 05/05/06 and expiring on 05/21/11.

F. STATEMENTS

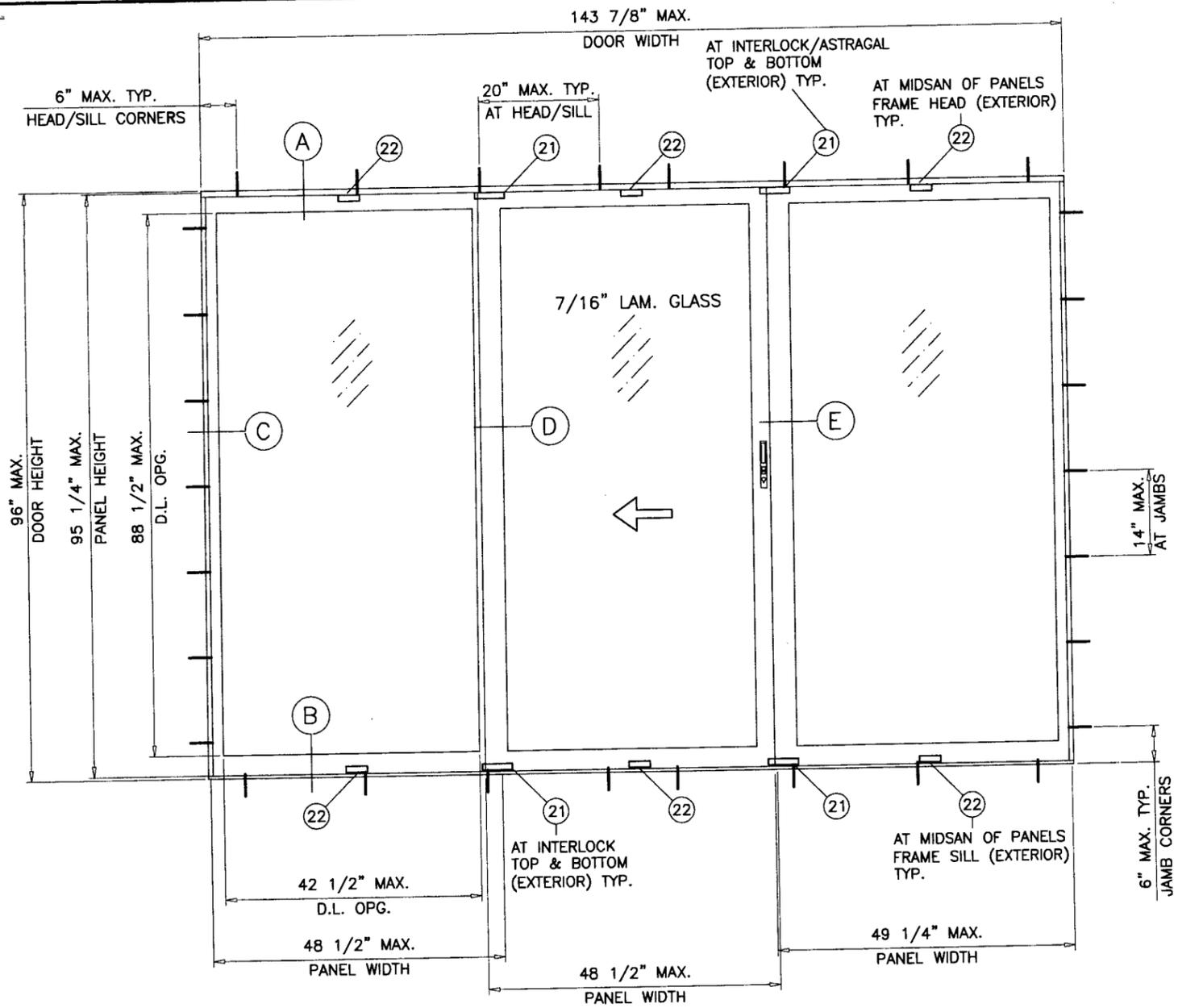
1. Statements of compliance and financial interest, prepared by Al Farooq Corporation, dated 07/25/05 and signed and sealed by Humayoun Farooq, P.E.

G. OTHER

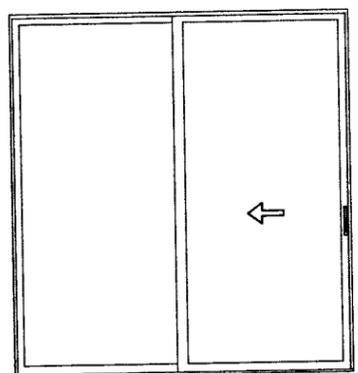
1. Letter from the consultant, dated 05/31/06, stating that the product is in compliance with the Florida Building Code (FBC).
2. Notice of Acceptance No. **01-1003.02**, issued to Traco Security Windows & Doors, for Series 140 (248) Aluminum Sliding Glass Door Impact, dated 01/24/02 and expiring on 01/24/07.



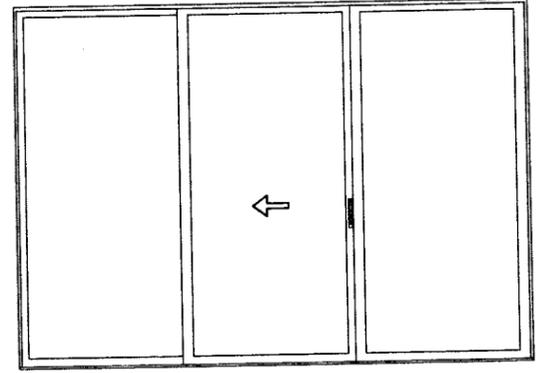
Jaime D. Gascon, P.E.
Chief, Product Control Division
NOA No 06-0201.03
Expiration Date: January 27, 2007
Approval Date: June 29, 2006



TYPICAL ELEVATION
TESTED UNIT



OX OR XO



OXO

APPROVED CONFIGURATIONS

LARGE MISSILE IMPACT RESISTANT DOORS SHUTTERS NOT REQUIRED			
7/16" LAMINATED GLASS			
PANEL WIDTH NOMINAL FT./IN.	DOOR HEIGHT FT./IN.	DESIGN LOAD - PSF	
		EXT. (+)	INT. (-)
2/6	6/8	65.0	65.0
3/0		65.0	65.0
3/6		65.0	65.0
4/0		65.0	65.0
4/6		65.0	65.0
2/6	8/0	65.0	65.0
3/0		65.0	65.0
3/6		65.0	65.0
4/0		60.0	60.0

NOTE:
GLASS CAPACITIES ON THIS SHEET ARE
BASED ON ASTM E1300-98 (60 SEC. WIND)

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 06-0201.03
Expiration Date 06/24/07
By *[Signature]*
Miami Dade Product Control
Division

NOTES:

THIS PRODUCT HAS BEEN DESIGNED AND TESTED TO COMPLY WITH THE REQUIREMENTS OF THE FLORIDA BUILDING CODE 2004 EDITION (REV. 2005) 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 IN ALLOWABLE STRESS IS USED IN DESIGN OF ANCHORS INTO WOOD ONLY.

ALL STEEL IN CONTACT WITH ALUMINUM TO BE PAINTED OR PLATED.

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

MAY 24 2006

af
AL-FAROOQ CORPORATION
ENGINEERS, PLANNERS & PRODUCT DESIGN
1235 SW 87 AVE
MIAMI, FLORIDA 33174
TEL. (305) 264-8100 FAX. (305) 262-6978
COMP-ANL\W01-59T5

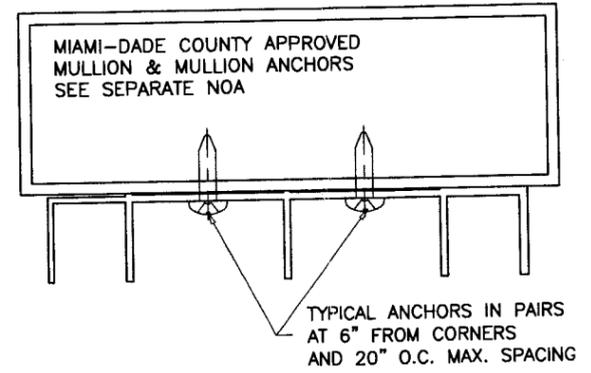
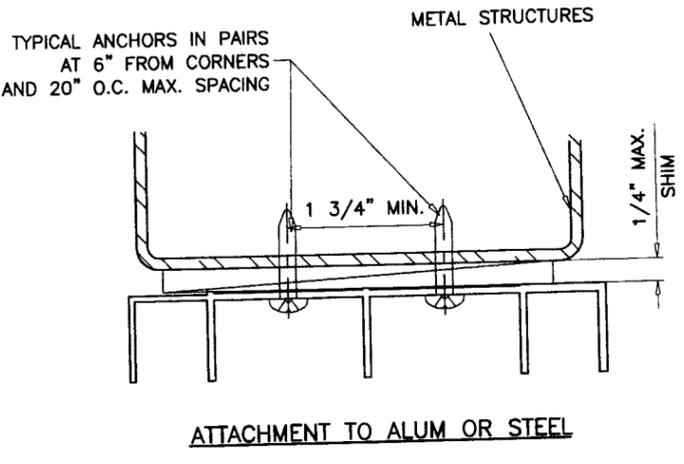
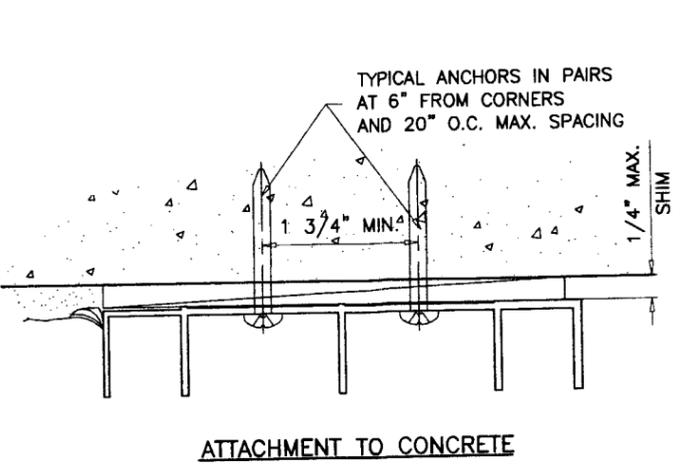
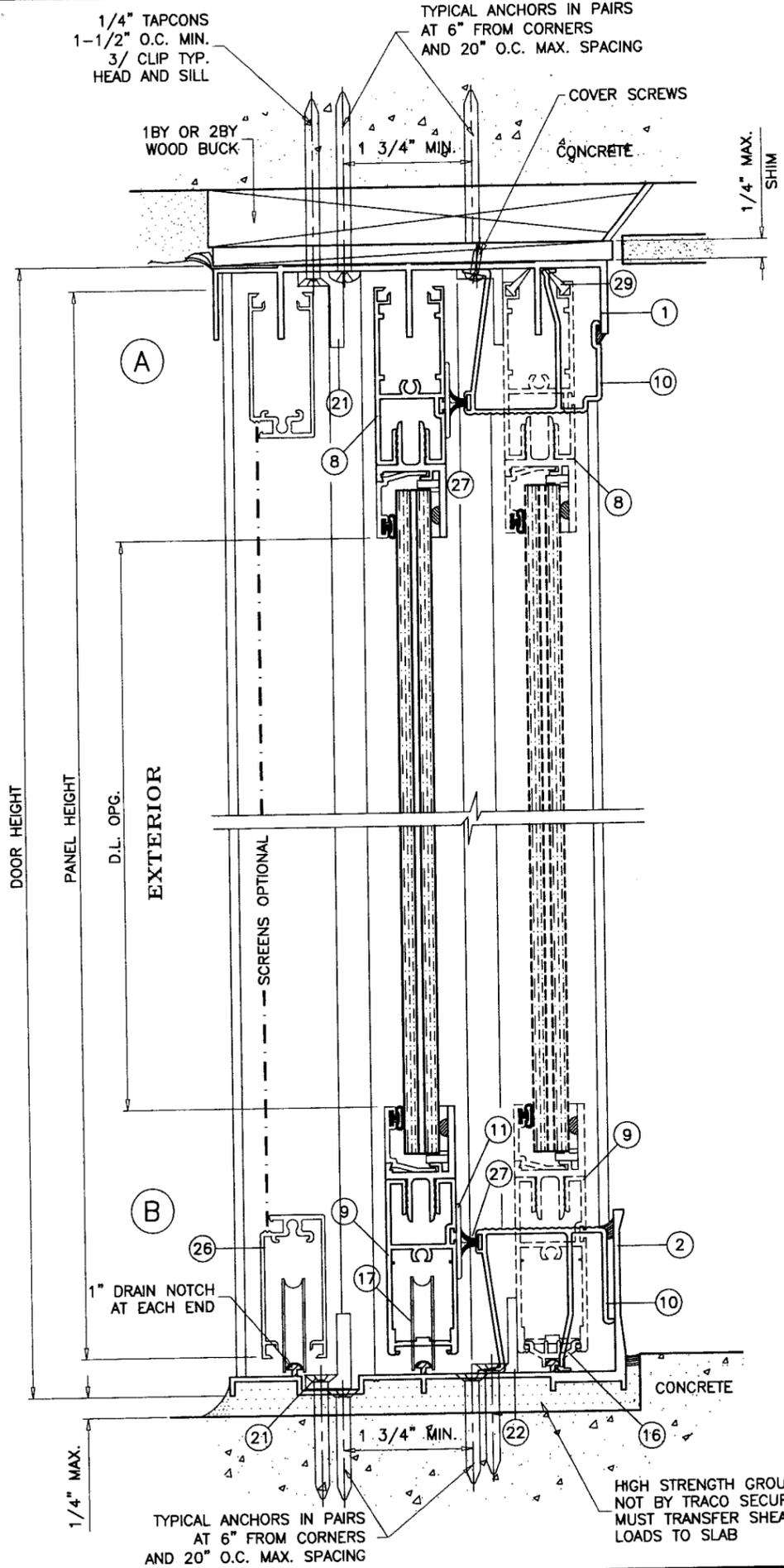
SERIES 140(248) ALUM. SLIDING GLASS DOOR
TRACO SECURITY WINDOWS & DOORS INC.
5100 N.W. 72 AVE.
MIAMI, FL. 33166
TEL. (305) 591-8990

no.	date	by	description
A	12.20.01		REV. PER BCCO COMMENTS
B	07.26.05		UPDATED FOR 2004 FBC
C	05.22.06		REV. PER BCCO COMMENTS

date: 08-30-01
scale: 1/2" = 1'-0"
dr. by: HAMID
chk. by:

drawing no.
W01-59

sheet 1 of 5



WOOD BUCKS AND METAL STRUCTURE NOT BY TRACO SECURITY MUST SUSTAIN LOADS IMPOSED BY GLAZING SYSTEM AND TRANSFER THEM TO THE BUILDING STRUCTURE.

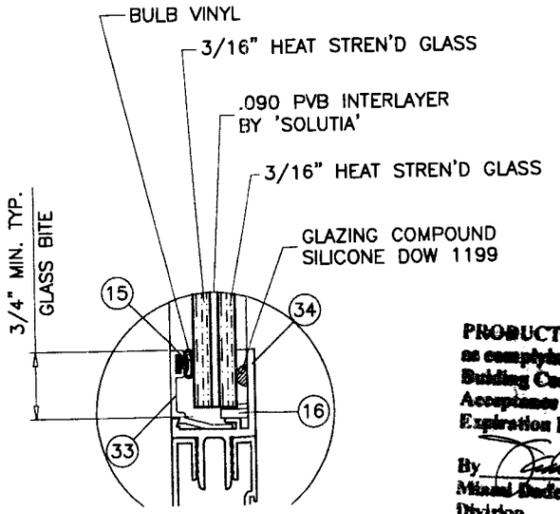
TYPICAL ANCHORS: SEE ELEV. FOR SPACING (AT FRAME MEMBERS)

- 3/16" TAPCONS**
- INTO 2BY WOOD BUCKS OR WOOD STRUCTURES 1-1/2" MIN. PENETRATION INTO WOOD
 - THRU 1BY BUCKS INTO CONC. OR MASONRY 1-1/4" MIN. EMBED INTO CONC. OR MASONRY
 - DIRECTLY INTO CONC. OR MASONRY 1-1/4" MIN. EMBED INTO CONC. OR MASONRY
 - INTO CLIP ANGLES ITEM NO. (21) USE 1/4" DIA. TAPCONS SAME EMBEDMENTS AS ABOVE

- 1/4" TEKS OR SELF DRILLING SCREWS**
- INTO METAL STRUCTURES
 - STEEL : 12 GA. MIN. (Fy = 36 KSI MIN.)
 - ALUMINUM : 1/8" THK. MIN. (6063-T5 MIN.)
 - (STEEL IN CONTACT WITH ALUMINUM TO BE PLATED OR PAINTED)

- 3/16" TEKS OR SELF DRILLING SCREWS**
- INTO APPROVED MULLIONS (NO SHIM SPACE)

- TYPICAL EDGE DISTANCE**
- INTO CONCRETE AND MASONRY = 2-1/2" MIN.
 - INTO WOOD STRUCTURE = 1" MIN.
 - INTO METAL STRUCTURE = 1/2" MIN.



7/16" OVERALL LAMINATED GLASS
LARGE MISSILE IMPACT RESISTANT

PRODUCT REVIEW
as complying with the Florida Building Code
Acceptance No. 06-0201.03
Expiration Date 01/24/07

By: *[Signature]*
Miami Dade Product Control Division

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

[Signature]

MAY 24 2006

AL-FAROOQ CORPORATION
ENGINEERS, PLANNERS & PRODUCT DESIGN
1235 SW 87 AVE
MIAMI, FLORIDA 33174
TEL. (305) 264-8100 FAX. (305) 262-6978
COMP-AN\W01-59TS

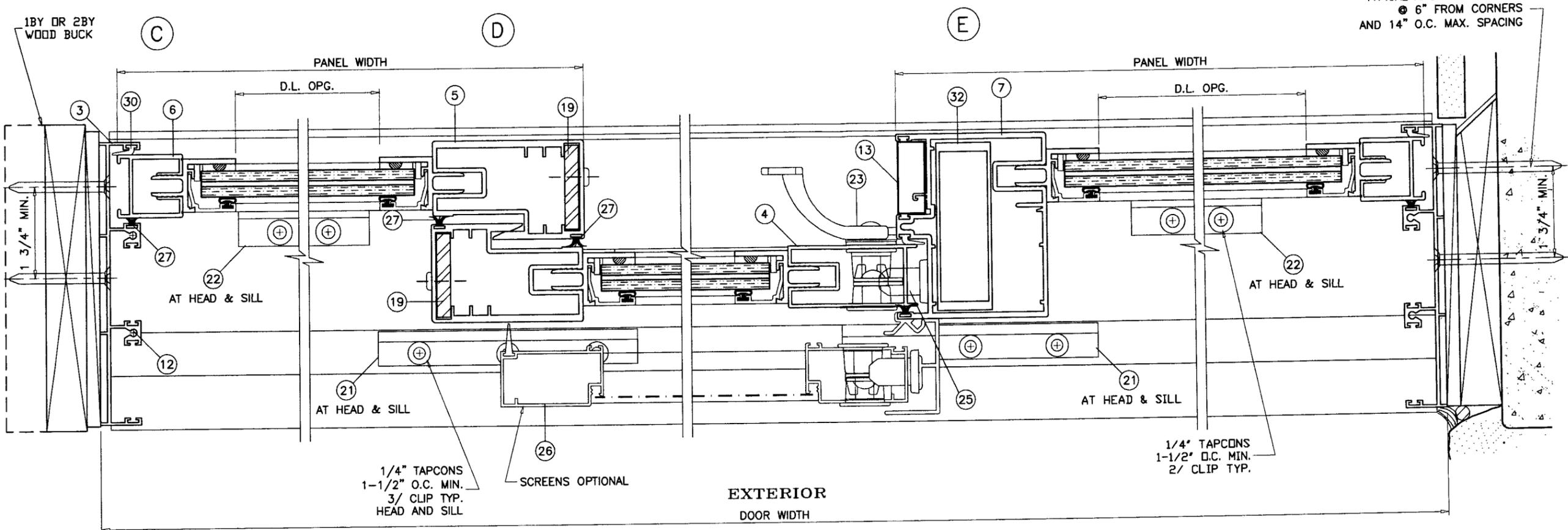
SERIES 140(248) ALUM. SLIDING GLASS DOOR
TRACO SECURITY WINDOWS & DOORS INC.
5100 N.W. 72 AVE.
MIAMI, FL. 33166
TEL. (305) 591-8990

Revisions:

no	date	description
B	07.26.05	ANCHOR NOTE ADDED
C	05.22.06	REV. PER BCCO COMMENTS

date: 08-30-01
scale: 1/2" = 1"
dr. by: HAMID
chk. by:

drawing no.
W01-59
sheet 2 of 5



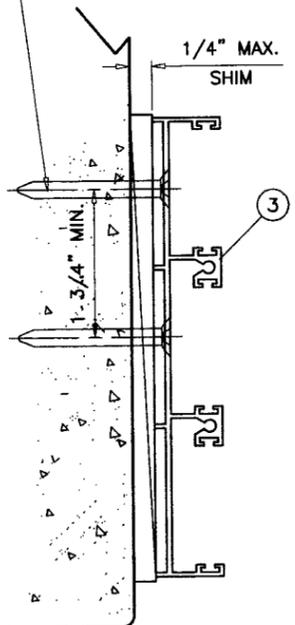
TYPICAL ANCHORS IN PAIRS
 Ⓞ 6" FROM CORNERS
 AND 14" O.C. MAX. SPACING

1/4" TAPCONS
 1-1/2" O.C. MIN.
 3/ CLIP TYP.
 HEAD AND SILL

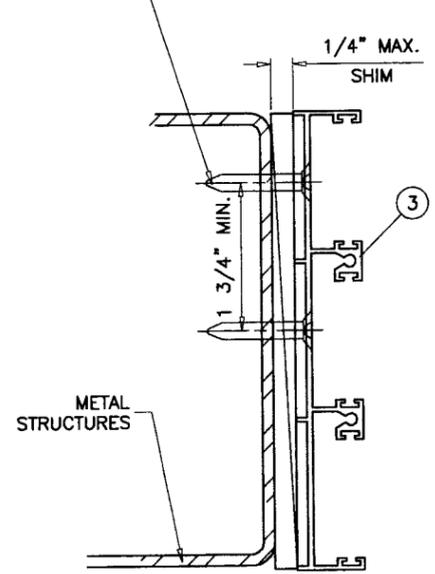
1/4" TAPCONS
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TYPICAL ANCHORS IN PAIRS
 Ⓞ 6" FROM CORNERS
 AND 14" O.C. MAX. SPACING

TYPICAL ANCHORS IN PAIRS
 Ⓞ 6" FROM CORNERS
 AND 14" O.C. MAX. SPACING



ATTACHMENT TO CONCRETE
 OR CONC. BLOCK



ATTACHMENT TO METAL STRUCTURES
 STEEL OR ALUMINUM

PRODUCT REVISED
 as complying with the Florida
 Building Code
 Acceptance No. 06-0201.03
 Expiration Date 01/24/07
 By [Signature]
 Miami Dade Product Control
 Division

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

[Signature]
 MAY 24 2006

AL-FAROOQ CORPORATION
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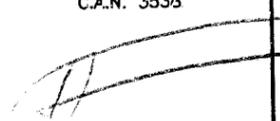
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C	05.22.06	NO CHANGE THIS SHEET	

date: 08-30-01	scale: 1/2" = 1"	dr. by: HAMID	chk. by:
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drawing no.
W01-59
 sheet 3 of 5

ITEM NO.	PART NUMBER	QUANTITY	DESCRIPTION	MATERIAL	MANF./SUPPLIER/REMARKS
1	050-392	1	HEAD	6063-T6	-
2	050-111	1	TRACK	6063-T6	-
3	050-393	2	JAMB	6063-T6	-
4	051-354	AS REQD.	LOCK STILE	6063-T6	-
5	051-359	AS REQD.	INTERLOCK	6063-T6	-
6	050-357	2	JAMB STILE	6063-T6	-
7	051-358	AS REQD.	ASRAGAL STILE	6063-T6	-
8	050-483	1/ PANEL	TOP RAIL	6063-T6	-
9	051-421	1/ PANEL	BOTTOM RAIL	6063-T6	-
10	050-431	1	COVER HEAD/THRESHOLD	6063-T6	-
11	050-004	1	FILLER	6063-T5	-
12	-	2/CORNER	FRAME ASSEMBLY SCREW	ST. STEEL	#10 X 1" PPHP SMS
13	050-299	AS REQD.	FILLER TRIM	6063-T5	OPTIONAL
14	-	1/CORNER	PANEL ASSEMBLY SCREW	ST. STEEL	#10 X 1" PPHP SMS
15	046-010	AS REQD.	BULB VINYL (7/16" GLASS)	VINYL	WV-3134
16	046-103	-	SETTING BLOCK (.100 X .300)	SANTOPRENE	WV-5848
17	037-00-015	2/ MOV. PANEL	#39.13 TANDEM WHEEL ASSEMBLY	ST. STEEL	TRUTH, AT EACH END
18	-	-	-	-	-
19	008-004	-	1/4 X 1-1/2" REINFORCING BAR	STEEL (CRS)	FULL LENGTH
20	-	-	-	-	-
21	050-049	4	1" X 3/4" X 3/16" X 5" LONG ANGLE	6063-T6	-
22	-	6	1" X 3/4" X 1/8" X 3-1/2" LONG ANGLE	6063-T6	-
23	-	-	INTERIOR PULL W/ NIGHT LATCH	ZAMAK	1400 SERIES FLUSH MOUNTED LOCK SET
24	-	-	-	-	-
25	-	-	KEEPER	ZAMAK	-
26	-	OPTIONAL	SCREEN	-	-
27	047-014	-	WOOLPILE (FIN SEAL TYPE)	-	ULTRAFAB #3036
28	-	-	-	-	-
29	046-015	AS REQD.	FLAP W'STRIPPING (TOP RAIL)	SOFT VINYL	WV-2213
30	046-030	AS REQD.	FLAP W'STRIPPING (JAMB)	SOFT VINYL	WV-2205
31	-	-	-	-	-
32	SEG 012-130	-	ALUM REINFORCING	6063-T6	FULL LENGTH
33	050-749	4/PANEL	GLAZING BEAD (7/16" GLASS)	6063-T5	-
34	050-752	4/PANEL	ADAPTER (7/16" GLASS)	6063-T5	-

PRODUCT REVIEWED
as complying with the Florida
Building Code
Acceptance No. 06-0201.03
Expiration Date 01/24/07
By *[Signature]*
Miami Dade Product Control
Division

Engr. DR. HUMAYOUN FAROOQ
STRUCTURES
FLA. PE # 16557
C.A.N. 3533

MAY 24 2006

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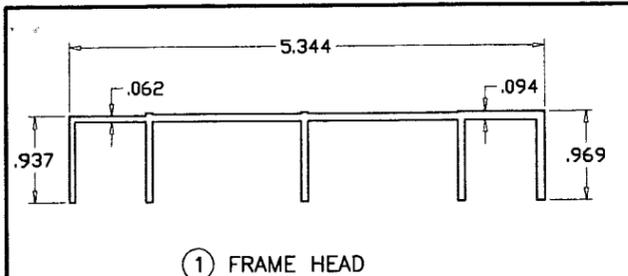
AL-FAROOQ CORPORATION
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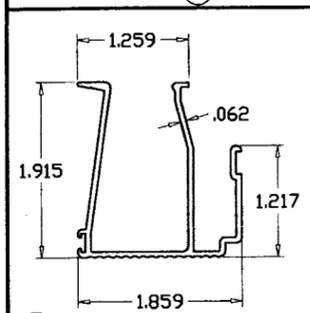
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	B	07.26.05		NO CHANGE THIS SHEET
	C	05.22.06		NO CHANGE THIS SHEET

date: 08-30-01
scale: 1/2" = 1"
dr. by: HAMID
chk. by:

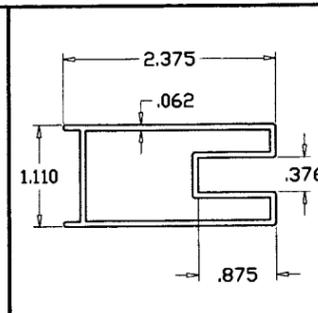
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W01-59
sheet 4 of 5



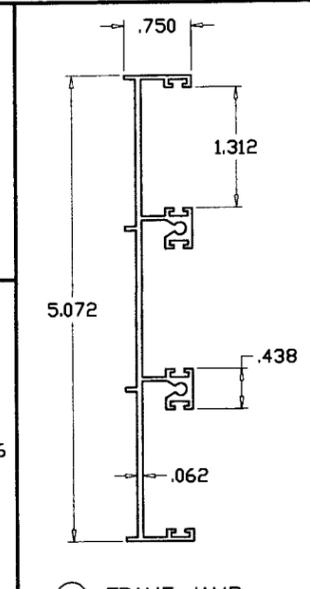
① FRAME HEAD



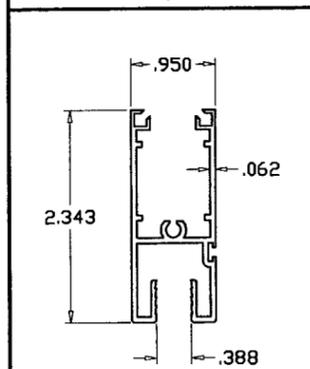
⑩ COVER HEAD/THRESHOLD



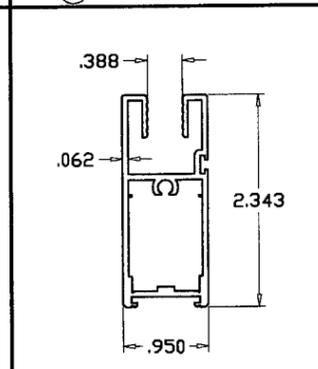
④ LOCK STILE



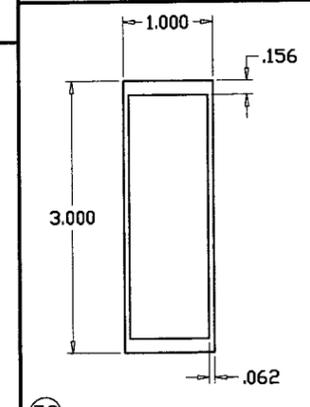
③ FRAME JAMB



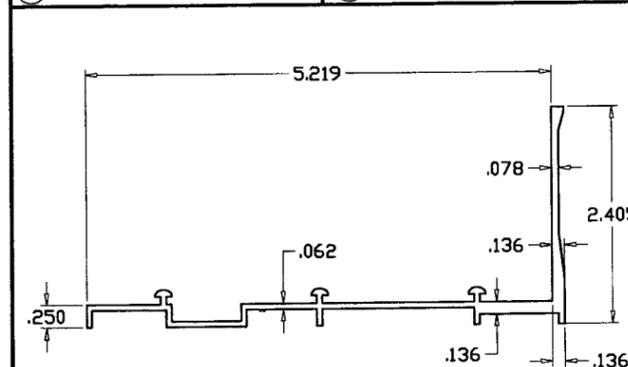
⑧ PANEL TOP RAIL



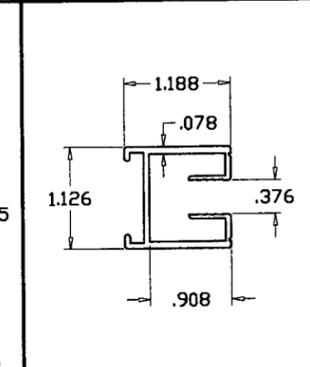
⑨ PANEL BOTTOM RAIL



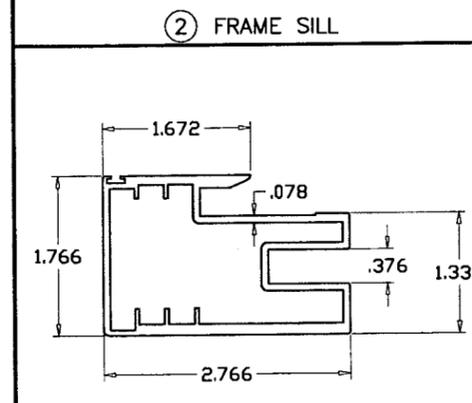
③② TUBE REINFORCEMENT



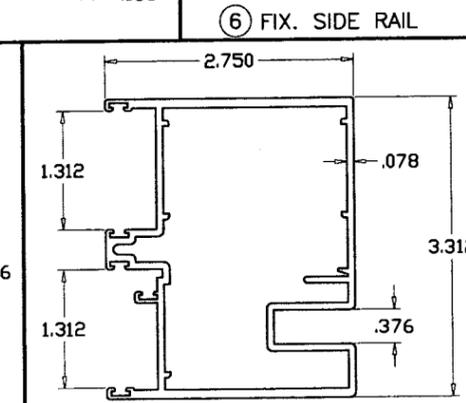
② FRAME SILL



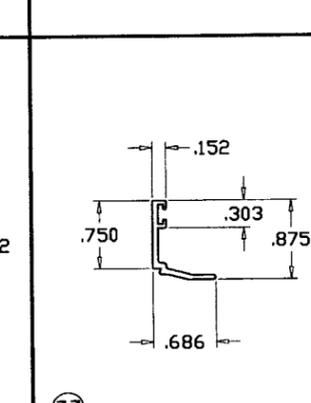
⑥ FIX. SIDE RAIL



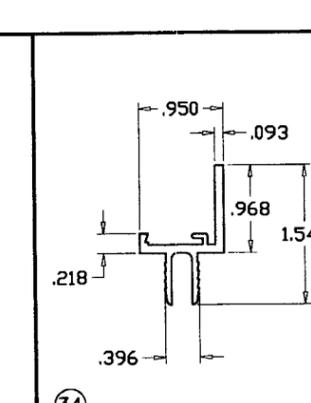
⑤ INTERLOCK



⑦ ASTRAGAL STILE



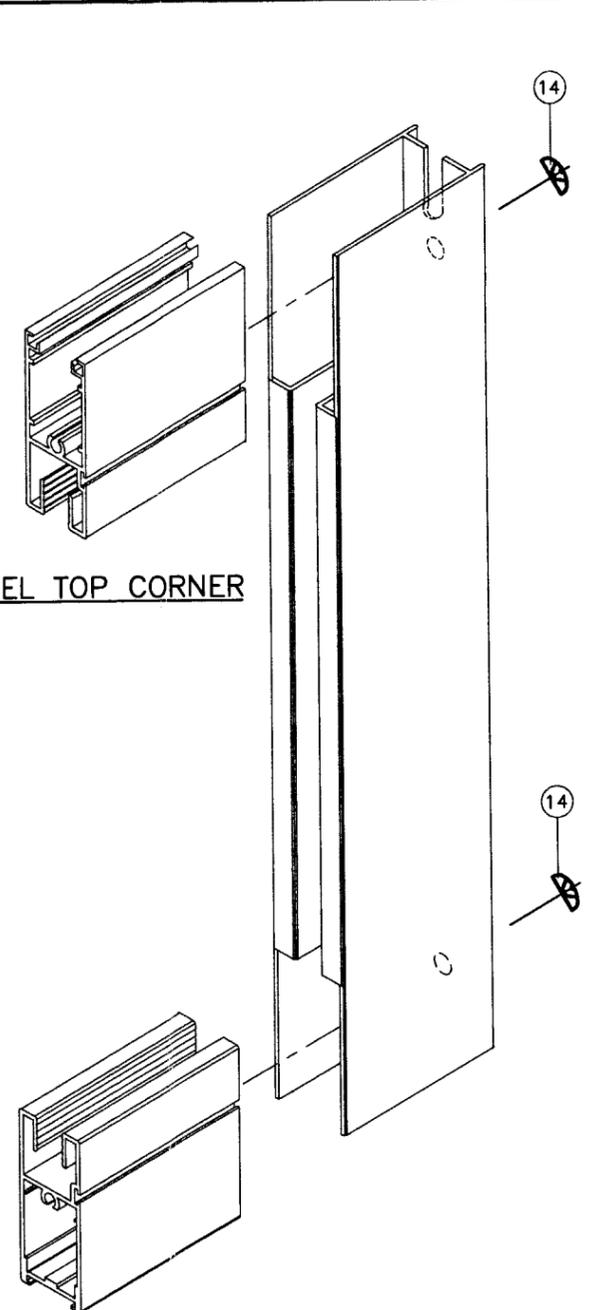
③③ GLASS STOP-7/16" GLASS



③④ ADAPTER-7/16" GLASS

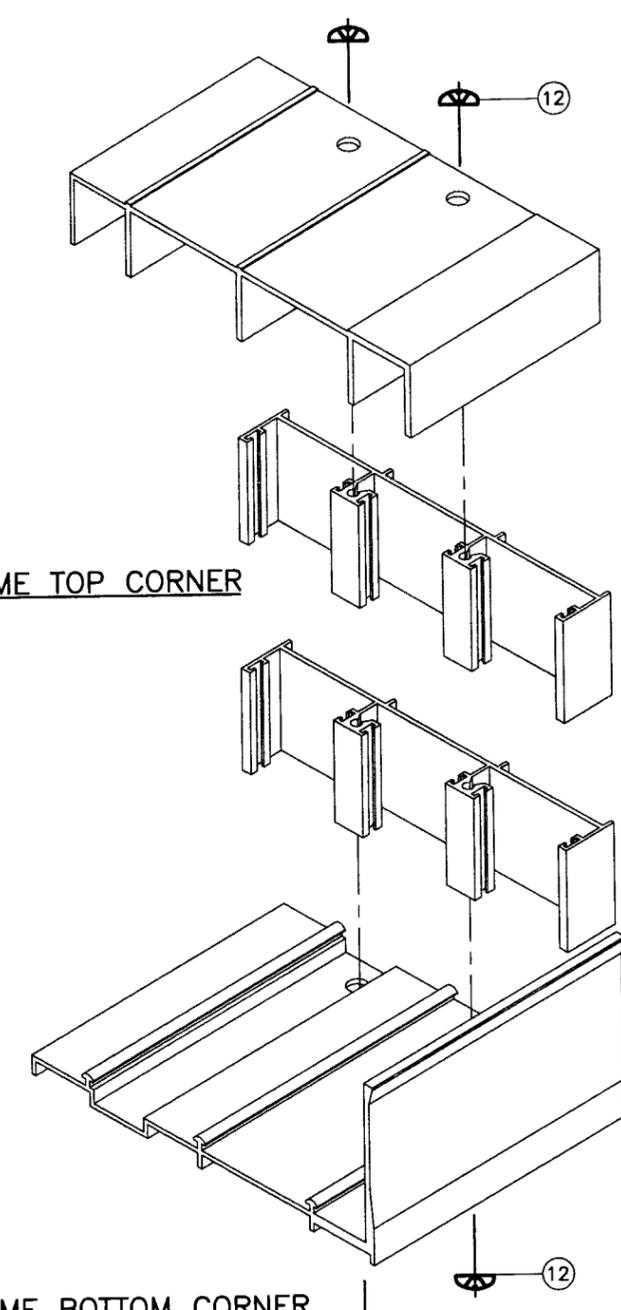
PANEL TOP CORNER

PANEL BOTTOM CORNER



FRAME TOP CORNER

FRAME BOTTOM CORNER



PRODUCT REVISED
 as complying with the Florida
 Building Code
 Acceptance No. 06-0201.03
 Expiration Date 01/24/07
 By: *[Signature]*
 Miami Dade Product Control
 Division

Engr: DR. HUMAYOUN FAROOQ
 STRUCTURES
 FLA. PE # 16557
 C.A.N. 3538
 MAY 24 2006

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sheet 5 of 5