



MIAMI-DADE COUNTY
 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) 372-6339

NOTICE OF ACCEPTANCE (NOA)

www.maimidade.gov/buildingcode

T. M. Window & Door LLC
 601 NW 12th Avenue
 Pompano Beach, FL 33069

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 747 HP Aluminum Single Hung Window – S.M.I.

APPROVAL DOCUMENT: Drawing No. **W07-52**, titled "Series 747 HP Alum. Single Hung Wdw. (S.M.I.)", sheets 1 through 4 of 4, dated 06/01/07, prepared by Al-Farooq Corporation, signed and sealed by Humayoun Farooq, 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: 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 consists of this page 1 and evidence page E-1, as well as approval document mentioned above. The submitted documentation was reviewed by **Manuel Perez, P.E.**



NOA No. 07-0913.05
 Expiration Date: March 27 2013
 Approval Date: March 27, 2008
 Page 1

T.M. Window & Door LLC

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

A. DRAWINGS

1. Manufacturer's die drawings and sections.
2. Drawing No **W07-52**, Sheets 1 through 4 of 4, titled "Series 747 HP Alum. Single Hung Wdw. (S.M.I.)", dated 06/01/07, 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 202-94
3) Water Resistance Test, per FBC, TAS 202-94
4) Small 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, TAS 202-94
along with marked-up drawings and installation diagram of Series 747 High Performance Aluminum Single Hung Window, prepared by Fenestration Testing Laboratory, Inc., Test Report No. **FTL-5222**, dated 04/26/07, signed and sealed by Carlos S. Rionda, P.E.

C. CALCULATIONS

1. Anchor verification calculations and structural analysis, complying with FBC-2004, prepared by Al-Farooq Corporation, dated 6/28/07, signed and sealed by Humayoun Farooq, P.E. **Complies with ASTM E1300-02**

D. QUALITY ASSURANCE

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

E. MATERIAL CERTIFICATIONS

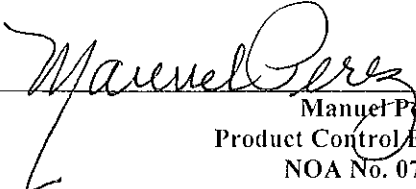
1. Notice of Acceptance No. **06-0216.06** issued to Solutia Inc. for their "**Saflex IIIIG Clear or colored Interlayer**" dated 05/04/06, expiring on 05/21/11.
2. Notice of Acceptance No. **03-1117.01** issued to Surface Specialties, Inc. for their "**Uvekol a Laminate Glass Component**", dated 01/29/04, expiring on 02/08/09.

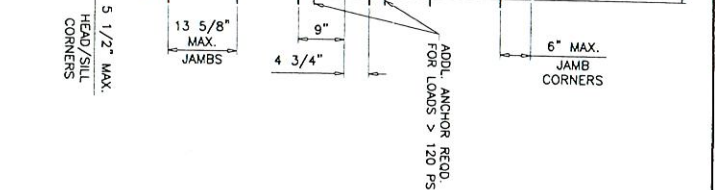
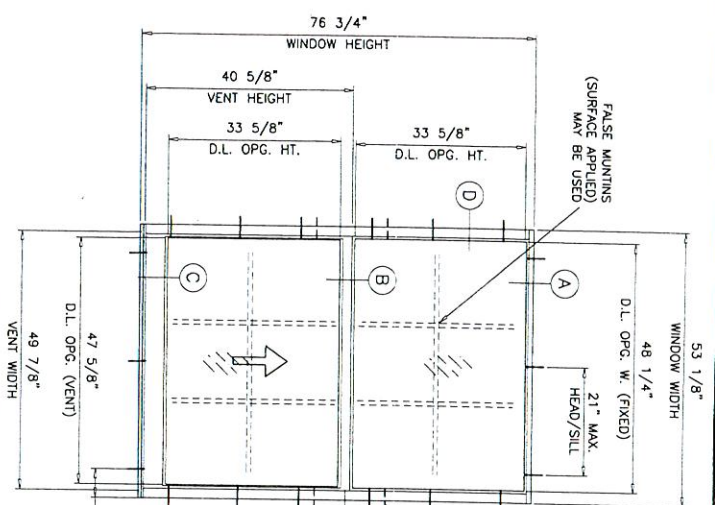
F. STATEMENTS

1. Statement letter of conformance, dated June 28, 2007, signed and sealed by Humayoun Farooq, P.E.
2. Statement letter of no financial interest, dated June 28, 2007, signed and sealed by Humayoun Farooq, P.E.
3. Laboratory compliance letter for Test Report no. FTL- 5222, issued by Fenestration Testing Laboratory, Inc., dated May 2, 2007, signed and sealed by Carlos S. Rionda, P.E.

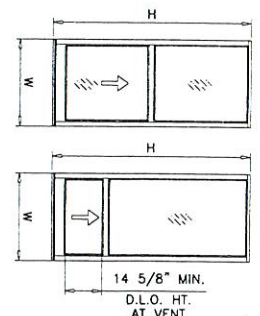
G. OTHER

1. None.


Manuel Perez, P.E.
Product Control Examiner
NOA No. 07-0913.05
Expiration Date: March 27 2013
Approval Date: March 27, 2008



EQUAL LITES WINDOWS		UNEQUAL LITES (ORIEL TYPES) WINDOWS	
WINDOW DIMS. 'A' & 'B'	GLASS TYPE	DESIGN LOAD CAPACITY - PSF	DMWS
19-1/8"	90.0	160.0	90.0
26-1/2"	90.0	160.0	90.0
37"	90.0	160.0	90.0
42"	90.0	160.0	90.0
48"	90.0	160.0	90.0
53-1/8"	90.0	160.0	90.0
19-1/8"	90.0	160.0	90.0
26-1/2"	90.0	160.0	90.0
37"	90.0	160.0	90.0
42"	90.0	160.0	90.0
48"	90.0	160.0	90.0
53-1/8"	90.0	160.0	90.0
19-1/8"	90.0	160.0	90.0
26-1/2"	90.0	160.0	90.0
37"	90.0	160.0	90.0
42"	90.0	160.0	90.0
48"	90.0	160.0	90.0
53-1/8"	90.0	160.0	90.0



SERIES 747 HIGH PERFORMANCE ALUMINUM SINGLE HUNG WINDOW

DESIGN LOAD RATINGS FOR THESE WINDOWS TO BE AS PER CHARTS SHOWN ABOVE:

APPROVAL APPLIES TO SINGLE UNITS OR SIDE BY SIDE COMBINATIONS OF S.H./S.H. OR SINGLE HUNG WITH OTHER WINDOW TYPES IN MODULES OF TWO OR MORE WINDOWS USING MIAMI-DADE COUNTY APPROVED MULLIONS IN BETWEEN. LOWER DESIGN PRESSURE FROM WINDOWS OR MULLION APPROVAL WILL APPLY TO ENTIRE SYSTEM.

CODE REQUIREMENTS FOR SAFEGUARDS MUST BE OBSERVED.

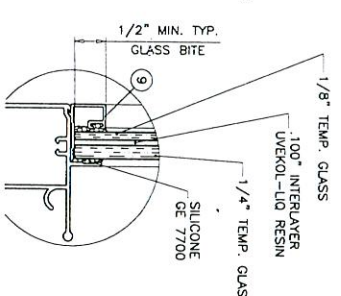
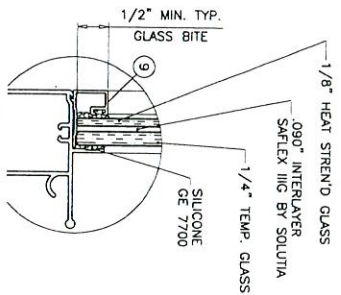
THIS PRODUCT HAS BEEN DESIGNED AND TESTED TO COMPLY WITH THE REQUIREMENTS OF THE FLORIDA BUILDING CODE 2004 EDITION INCLUDING HIGH VELOCITY HURRICANE ZONE (HVHZ).

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 IN ALLOWABLE STRESS IS USED IN DESIGN OF ANCHORS INTO WOOD ONLY.

MATERIALS INCLUDING BUT NOT LIMITED TO STEEL/METAL SCREENS, THAT COME INTO CONTACT WITH OTHER DISSIPABLE MATERIALS SHALL MEET THE REQUIREMENTS OF 2004 FLORIDA BLDG. CODE SECTION 2003.8.4.



GLAZING OPTIONS

GLASS TYPE 'A'

GLASS TYPE 'B'

THESE WINDOWS ARE RATED FOR SMALL MISSILE IMPACT. MIAMI-DADE COUNTY APPROVED IMPACT RESISTANT SHUTTERS REQUIRED FOR INSTALLATIONS UP TO 30 FT. OF GRADE. SHUTTERS NOT RATED FOR INSTALLATIONS ABOVE 30 FT. OF GRADE.

LAMINATED GLASS SMALL MISSILE IMPACT

NOTE: GLASS CAPACITIES ON THIS SHEET ARE BASED ON ASTM E1300-02 (3 SEC. GUSTS) AND FLORIDA BUILDING COMMISSION DECLARATORY STATEMENT DCA05-DEC-219

Eng'g. DR. TUMAYOUR FAROOQ
STRUCTURES
FLA. PE # 16557
CAN. 5538

Approved as exemplifying with the Florida Building Code
Date: **APR 27 2008**
NO. **07-0513-05**
Miami Dade Product Control
Division
By: *Lawrence Sims*

AUG 24 2007

date: 06-01-07	revisions:
scale: 1/2"=1'-0"	no. date by description
dr. by: HAMID	
chk. by:	

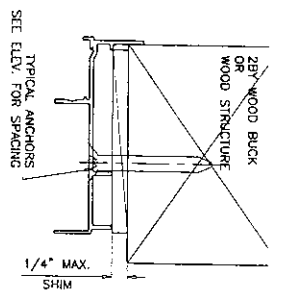
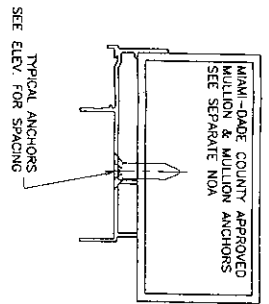
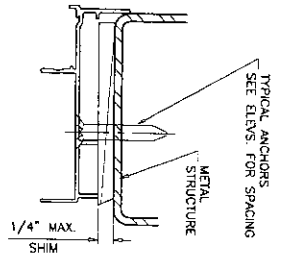
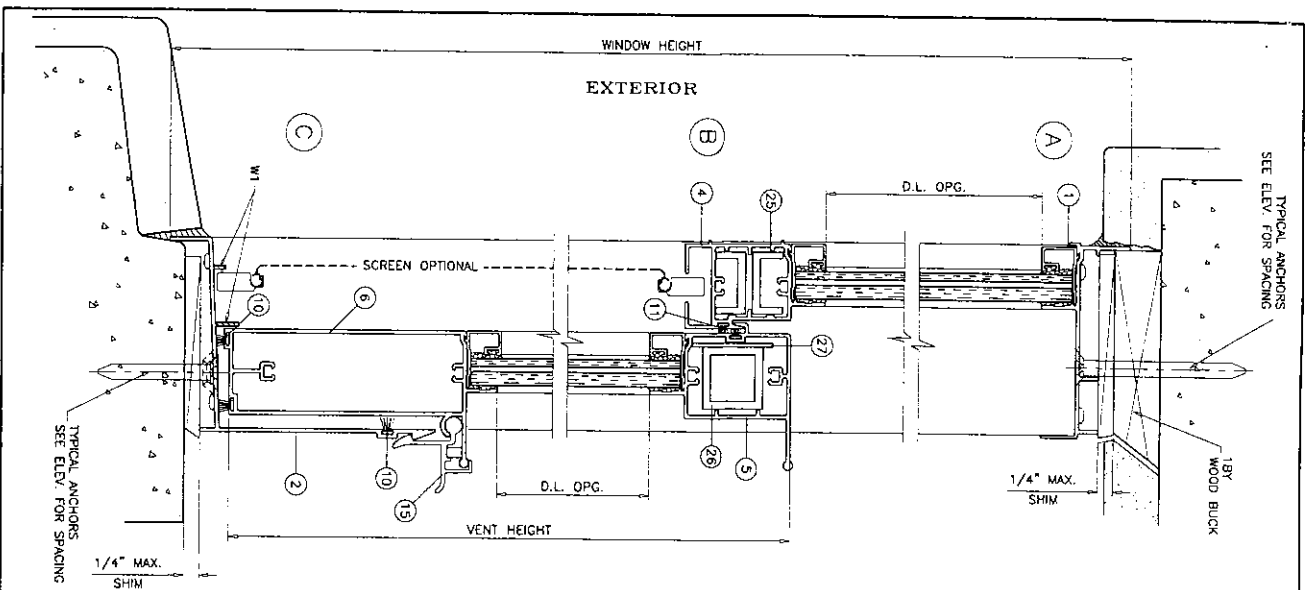
SERIES 747 HP ALUM SINGLE HUNG WDW. (S.M.I.)

TM WINDOW AND DOOR
601 N.W. 12TH AVE.
POMPANO BEACH, FL. 33069
TEL. (954) 781-4430 FAX. (954) 781-5078

AL-FAROOQ CORPORATION
ENGINEERS & PRODUCT DEVELOPMENT
1235 S.W. 87 AVE
MIAMI, FLORIDA 33174
TEL. (305) 264-8100 FAX. (305) 262-6978

COMP-ANL\W07-52TMM

drawing no. **W07-52**
Sheet 1 of 4



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

TYPICAL ANCHORS: SEE ELEV. FOR SPACING

1/4" TARGONS BY 'ELCO'

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

#14 SMS 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)

#12 SMS OR SELF DRILLING SCREWS INTO DADE COUNTY APPROVED MULLIONS (MIN. THK. = .090")

(NO SHIM SPACE)

TYPICAL EDGE DISTANCE

INTO CONCRETE AND MASONRY = 2" MIN. INTO WOOD STRUCTURE = 1" MIN. INTO METAL STRUCTURE = 1/2" MIN.

ANCHORS CL TO CL DISTANCE = 3" MIN.

SEALANTS:

ALL JOINTS AND FRAME CONNECTIONS SEALED WITH SILICONE OR ACRYLIC SEALANT.

WEPPHOLES:

WT = 1" LONG NOTCH AT EACH END

Eng. DR. SHAMMOON FAROOQ
STRUCTURES
P.A. PE # 16957
C.A.N. 5838
AUG 24 2007

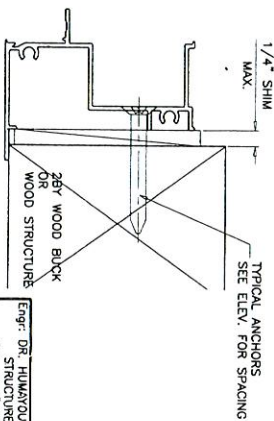
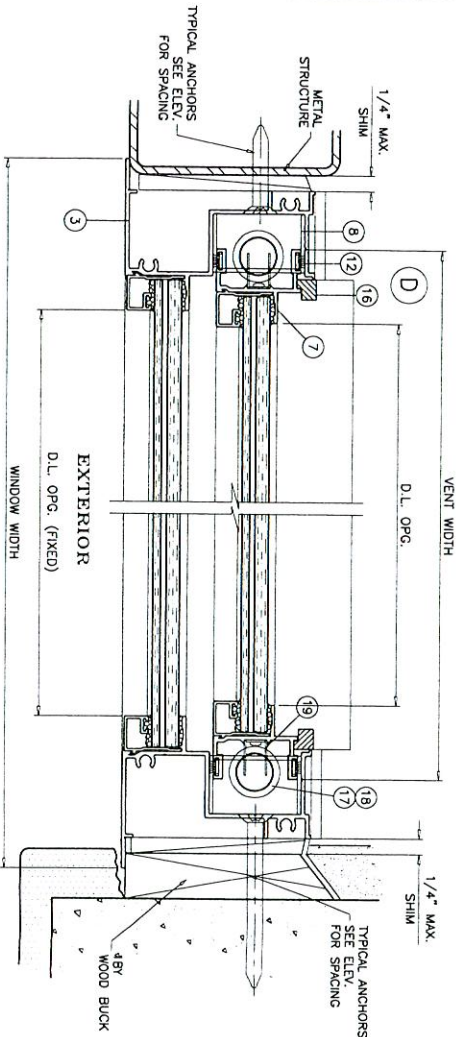
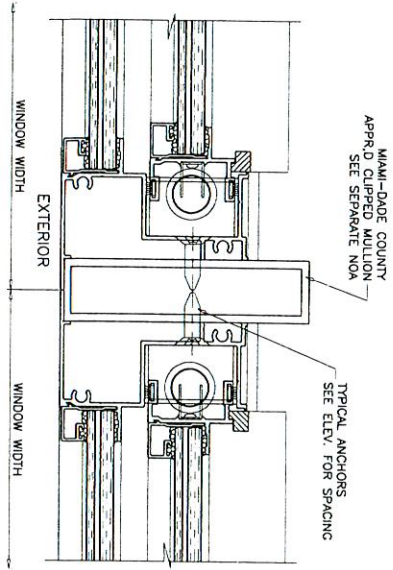
Approved by architect/eng. via the
Florida Building Code
Date: 07-05-07
REV# 07-05-07
Approved by
TM Window and Door

drawing no. W07-52
sheet 2 of 4

no.	date	by	description

SERIES 747 HP ALUM SINGLE HUNG WDW. (S.M.I.)
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ENGINEERS & PRODUCT DEVELOPMENT
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COMP-ANLW07-52TMW



ITEM	PART #	QTY.	DESCRIPTION	MATERIAL	MANF./SUPPLIER/REMARKS
1	TM-131A	1	FRAME HEAD	6063-T6	-
2	GW-37731	1	FRAME SILL	6063-T6	-
3	TM-130	2	FRAME JAMB	6063-T6	-
4	TM-137	1	MEETING RAIL	6063-T6	-
5	TM-140	1	VENT TOP RAIL	6063-T6	-
6	GW-37720	1	VENT BOTTOM RAIL	6063-T6	-
7	GW-31134	2	VENT JAMB STILE	6063-T6	-
8	GW-31470	2	VENT STOP	6063-T6	-
9	TM-141B	4	GLAZING BEAD	6063-T6	-
10	W43371	(2) STRIP	FIN SEAL WEATHERSTRIP	-	BOTTOM RAIL/FRAME SILL
11	W43201	(1) STRIP	FIN SEAL WEATHERSTRIP	-	VENT TOP/INT. RAIL
12	W31225	(2) STRIP	FIN SEAL WEATHERSTRIP	-	VENT JAMB STILES
13	-	-	-	-	-
14	P5043	2	1 3/8" x 7/8" x 1/2" FINSEAL PAD	-	FRAME SILL CORNERS
15	TM-118A	2	SPRING LOADED EGRESS LOCK	6063-T6	VENT BOTT. RAIL, 6" FROM ENDS
16	-	4	VENT GUIDE	NYLON	VENT INT. CORNERS
17	-	2	CALDWELL SPIRAL BALANCES	-	AT FRAME JAMBS
18	WVR-9302	2	BALANCE COVER	-	FRAME HEAD/JAMBS
19	N69	2	CALDWELL BALANCE CLIP	-	VENT BOTT. CORNERS
20	-	2	#12 x 3/4" P.H. SMS	STEEL	(1) AT EACH BALANCE
21	-	8	#12 x 1" P.H. SMS	STEEL	FRAME CORNERS
22	-	8	#10 x 1" P.H. SMS	STEEL	VENT CORNERS
23	-	-	-	-	-
24	-	4	#6 x 3/8" F.H. SMS	STEEL	AT EA. PLASTIC GUIDE
25	-	2	1/2" x 1" x 1/8" REINF. CHANNEL	6063-T5	AT MTC. RAIL
26	-	1	1 X 1 X 1/8" REINF. TUBE	6063-T5	AT VENT TOP RAIL
27	-	1	1-3/8 X 1/16" REINF. BAR	6063-T5	AT VENT TOP RAIL

Eng. DR. HUMAYUN FAROOQ
 STRUCTURES
 F.L.A. PE # 16957
 C.A.N. 3530
 AUG 24 2007

Approved as engineering with the
 Florida Professional Seal of
 Date: 08/27/2008
 No. 010913-05
 Different Date/Seal/Stamp
 By: *Humayun Farooq*

drawing no.
W07-52
 Sheet 3 of 4

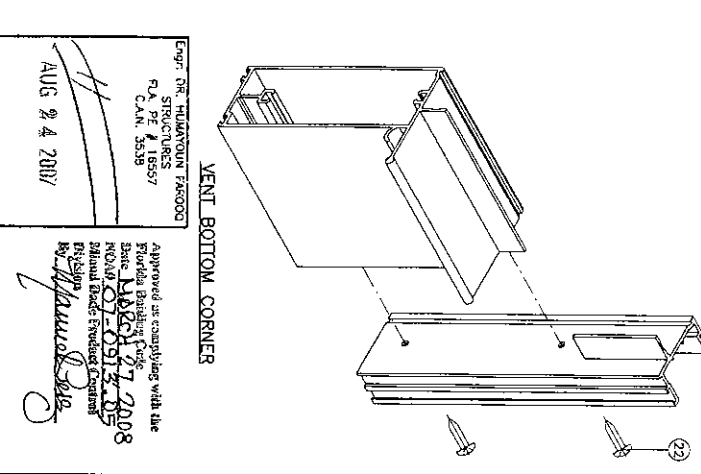
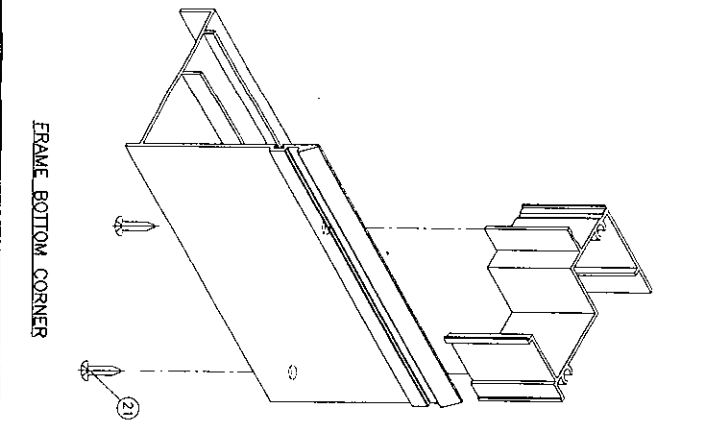
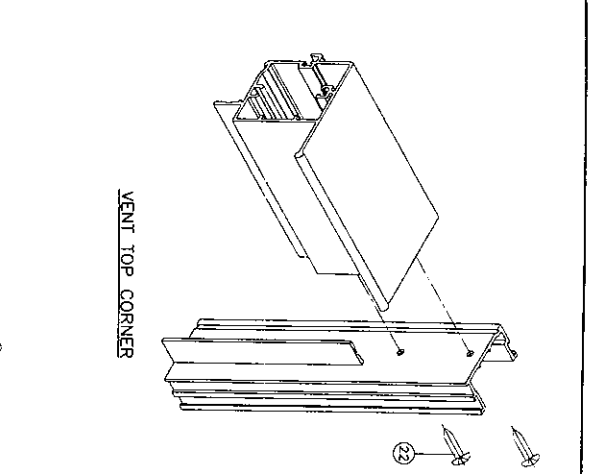
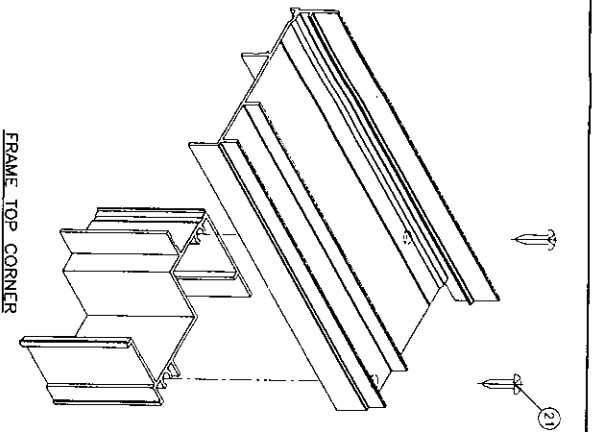
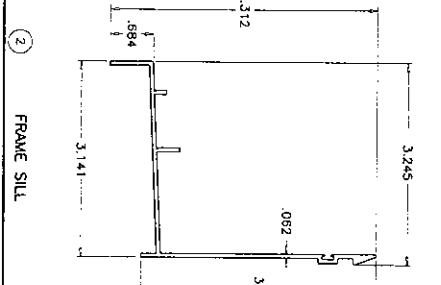
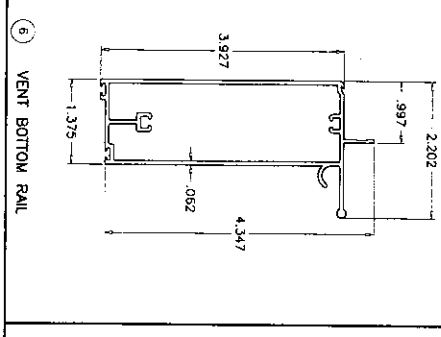
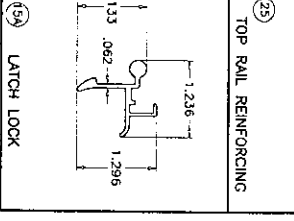
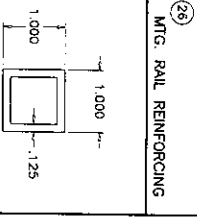
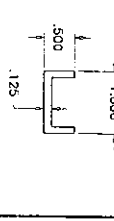
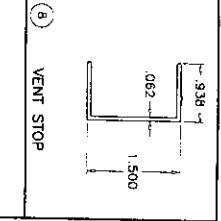
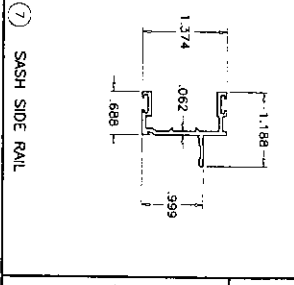
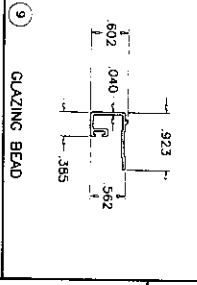
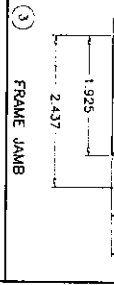
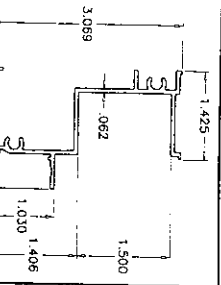
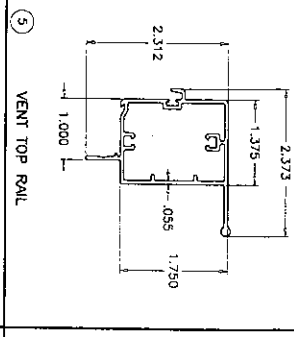
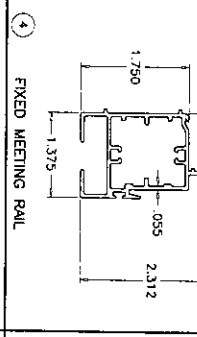
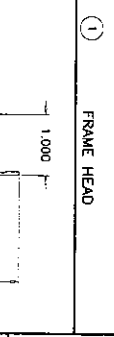
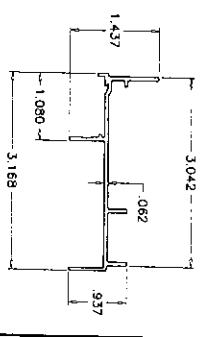
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 scale: 1/2" = 1"
 dr. by: HAMID
 chk. by:

revisions:	no	date	by	description

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 COMP-ANL-W07-52TMW





Engr. OF: HILAVOON FAROOQ
STRUCTURES
P.A. PE # 15557
C.A.N. 3538
AUG 24 2011

Approved as complying with the
Florida Building Code
Date: 07-09-11
By: Hilavoon Farooq
Engr. OF: HILAVOON FAROOQ

date: 06-01-07	revisions:
scale: 1/2" = 1"	no. date by description
dr. by: HAMID	
chk. by:	

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Sheet 4 of 4

