



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.buldingcodeonline.com

AWP,LLC,
8130 N.W. 74TH Avenue,
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 Florida Building Code, including the High Velocity Hurricane Zone.

DESCRIPTION: Series 10000 PVC Single Hung Tilt Window – N.I.

APPROVAL DOCUMENT: Drawing No. **W09-11**, titled "Series 10000 PVC Single Hung Tilt WDW. (N.I.)", sheets 1 to 4 of 4, dated 02/12/09, prepared by the 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: None

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 **Fitz A. Harris, P.E.**

Fitz A. Harris
4/2/09



NOA No. 09- 0223.08
Expiration Date: April 22, 2014
Approval Date: April 22, 2009

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

A. DRAWINGS

1. Manufacturer's die drawings and sections.
2. Drawing No **W09-11**, Sheets 1 through 4 of 4 titled "Series 10000 PVC Single Hung Tilt WDW. (N.I.)", dated 02/12/09, prepared by the AL-Farooq Corporation, and, 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) Forced Entry Test, per FBC 2411.3.2.1 (b) and TAS 202-94
along with marked-up drawings and installation diagram of PVC single hung window, prepared by Fenestration Testing Laboratory, Test Report No. **FTL 5666** dated 09/12/08, signed and sealed by Carlos S. Rionda, P.E.

C. CALCULATIONS

1. Anchor verification calculations and structural analysis, complying with FBC-2007, dated 02/16/09, prepared, signed and sealed by Humayoun Farooq, P.E.
Complies with ASTM E1300-04

D. QUALITY ASSURANCE

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

E. MATERIAL CERTIFICATIONS

1. Notice of Acceptance No. **06-1220.01** issued to Spectus Systems for "White Rigid PVC Exterior Extrusions for Windows and Doors" dated 01/11/07, expiring on 12/26/2011.

F. STATEMENTS

1. Statement letter of conformance, dated February 6, 2009, signed and sealed by Humayoun Farooq, P.E.
2. Statement letter of no financial interest, dated February 6, 2009, signed and sealed by Humayoun Farooq, P.E.

G. OTHER

None



Fitz A. Harris, P.E.

Product Control Examiner

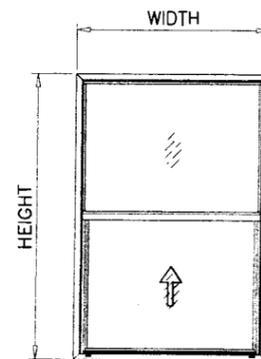
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EQUAL LITES WINDOWS			
DESIGN LOAD CAPACITY - PSF			
FLANGE DIMS.		INSULATING GLASS	
WIDTH	HEIGHT	EXT.(+)	1NT.(-)
19-1/8"	26" (3)	65.0	130.0
26-1/2"		65.0	130.0
32"		65.0	130.0
37"		65.0	124.8
42"		65.0	110.0
48"		65.0	96.2
53-1/8"		65.0	86.9
19-1/8"	38-3/8" (4)	65.0	130.0
26-1/2"		65.0	130.0
32"		65.0	130.0
37"		65.0	112.8
42"		65.0	99.4
48"		65.0	86.9
53-1/8"		65.0	78.5
19-1/8"	50-5/8" (5)	65.0	130.0
26-1/2"		65.0	130.0
32"		65.0	123.6
37"		65.0	106.9
42"		65.0	94.1
48"		65.0	82.4
53-1/8"		65.0	74.4
19-1/8"	63" (7)	65.0	130.0
26-1/2"		65.0	130.0
32"		65.0	130.0
37"		65.0	120.2
42"		65.0	102.4
48"		65.0	83.3
53-1/8"		65.0	71.9
19-1/8"	76-1/4" (8)	65.0	130.0
26-1/2"		65.0	130.0
32"		66.8	130.0
37"		65.1	112.8
42"		65.0	96.7
48"		65.0	76.6
53-1/8"		65.0	65.0

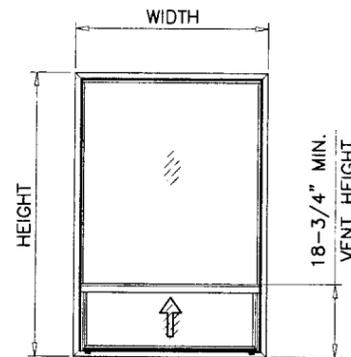
NO. IN PARENTHESIS INDICATE NUMBER OF ANCHORS PER JAMB.



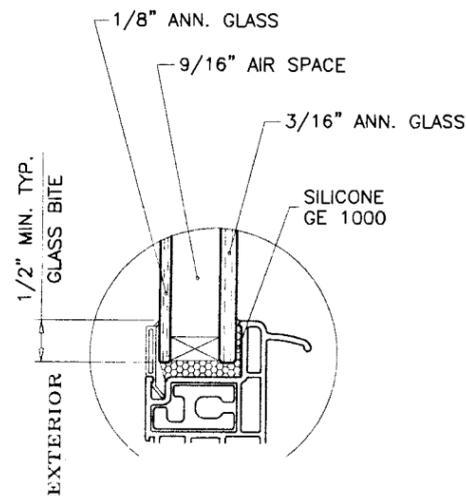
EQUAL LITES

UNEQUAL LITES WINDOWS			
DESIGN LOAD CAPACITY - PSF			
FLANGE DIMS.		INSULATING GLASS	
WIDTH	HEIGHT	EXT.(+)	1NT.(-)
19-1/8"	50-5/8" (5)	65.0	130.0
26-1/2"		65.0	130.0
32"		65.0	123.6
37"		65.0	106.9
42"		65.0	94.1
48"		65.0	82.4
53-1/8"		65.0	74.4
19-1/8"	63" (7)	65.0	130.0
26-1/2"		65.0	130.0
32"		65.0	130.0
37"		65.0	120.2
42"		65.0	105.9
48"		65.0	82.4
53-1/8"		65.0	74.4
19-1/8"	76-1/4" (8)	65.0	130.0
26-1/2"		65.0	130.0
32"		65.0	104.6

NO. IN PARENTHESIS INDICATE NUMBER OF ANCHORS PER JAMB.



UNEQUAL LITES (ORIEL TYPE)



GLAZING DETAIL

7/8" OVERALL INSULATING GLASS

NOTE:
GLASS CAPACITIES ON THIS SHEET ARE
BASED ON ASTM E1300-02/04 (3 SEC. GUSTS)
AND FLORIDA BUILDING COMMISSION
DECLARATORY STATEMENT DCA05-DEC-219

INSTALLATION OF THIS PRODUCT IN THE HVHZ AREA REQUIRES THE USE OF APPROVED SHUTTERS OR EXTERNAL PROTECTION DEVICES COMPLYING WITH HVHZ REQUIREMENTS.
INSTALLATION OF THIS SYSTEM OUTSIDE THE HVHZ AREA SHALL MEET THE APPLICABLE REQUIREMENTS FOR WIND BORNE DEBRIS PROTECTION.

SERIES 10000 PVC SINGLE HUNG TILT 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 S.H. WDW. WITH OTHER MIAMI-DADE COUNTY APPROVED WINDOWS USING MIAMI-DADE COUNTY APPROVED MULLIONS IN BETWEEN.
LOWER DESIGN PRESSURE FROM WINDOWS OR MULLION APPROVAL WILL APPLY TO ENTIRE SYSTEM.

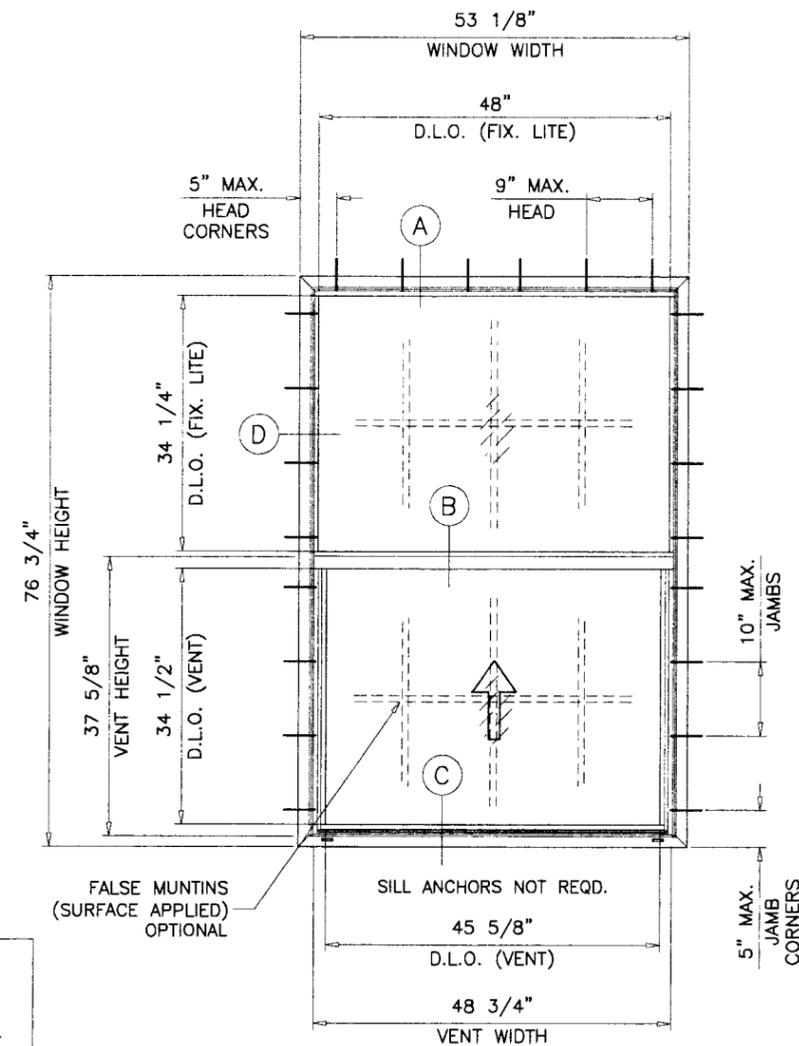
THIS PRODUCT HAS BEEN DESIGNED AND TESTED TO COMPLY WITH THE REQUIREMENTS OF THE FLORIDA BUILDING CODE 2004/2007 EDITION INCLUDING HIGH VELOCITY HURRICANE ZONE (HVHZ).

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 2004/2007 FLORIDA BLDG. CODE SECTION 2003.8.4.



TYPICAL ELEVATION

TESTED UNIT

Approved as complying with the Florida Building Code
Date 4-22-2009
NOA# 09-0223-08
Miami Dade Product Control
Division
By *[Signature]*

INSULATING GLASS
NON IMPACT

Engr: DR. HUMAYOUN FAROOQ
STRUCTURES
FLA. PE # 16587
C.A.N. 3538

[Signature]
FEB 16 2009

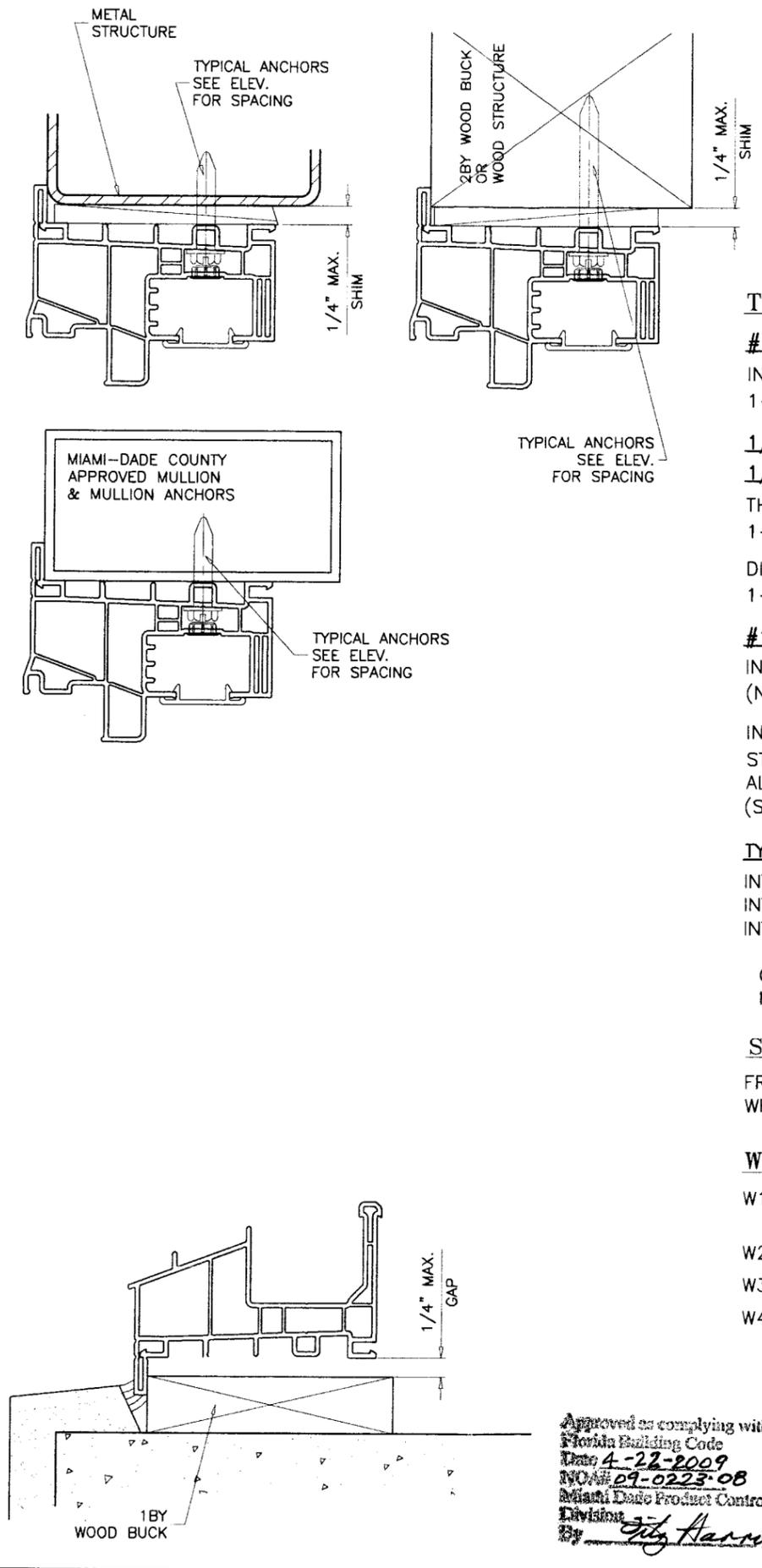
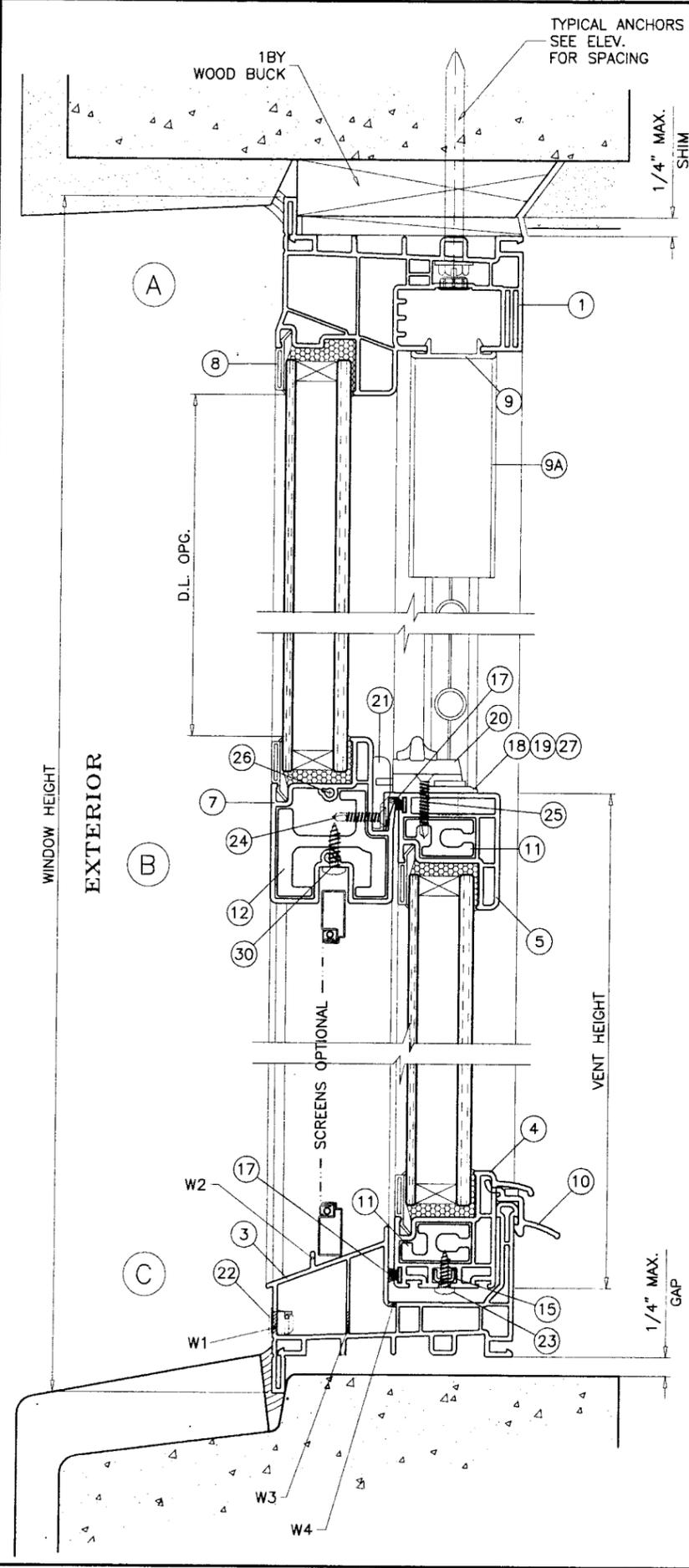
afC
AL-FAROOQ CORPORATION
ENGINEERS & PRODUCT DEVELOPMENT
1235 S.W. 87 AVE
MIAMI, FLORIDA 33174
TEL. (305) 264-8100 FAX. (305) 262-6978
COMP-ANL\W09-11AWP

SERIES 10000 PVC SINGLE HUNG TILT WDW. (N.I.)
AWP, LLC.
8130 N.W. 74TH AVE.
MEDLEY, FL. 33166
TEL. (305) 887-2646 FAX (305) 883-1309

no	date	by	description

date: 02-12-09
scale: 1/2"=1'-0"
dr. by: HAMID
chk. by:

drawing no.
W09-11
sheet 1 of 4



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

TYPICAL ANCHORS: SEE ELEV. FOR SPACING

#14 SMS (GRADE 2 CRS)
 INTO 2BY WOOD BUCKS OR WOOD STRUCTURES
 1-3/8" MIN. PENETRATION INTO WOOD

1/4" DIA. TAPCONS BY 'ITW'
1/4" DIA. ULTRACON BY 'ELCO' (Fu=177 KSI, Fy=155 KSI)
 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 (GRADE 2 CRS)
 INTO MIAMI-DADE COUNTY APPROVED MULLIONS (MIN. THK. = .090")
 (NO SHIM SPACE)

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)

TYPICAL EDGE DISTANCE
 INTO CONCRETE AND MASONRY = 2-1/2" MIN.
 INTO WOOD STRUCTURE = 1" MIN.
 INTO METAL STRUCTURE = 3/4" MIN.

CONCRETE f'c = 3000 PSI MIN.
 MASONRY f'm = 2000 PSI MIN.

SEALANTS:
 FRAME, VENT CORNERS AND FIX. RAIL ENDS SEALED WITH WHITE/ALUMINUM COLORED SEALANT.

WEEPHOLES:
 W1 = 1-9/16" X 5/16" WEEP HOLES AT 4-3/8" FROM EACH END WITH PLASTIC BAFFLE
 W2 = 5/8" WEEP NOTCH AT EACH END
 W3 = 3/8" X 1/4" WEEP HOLES AT EACH END
 W4 = 1" X 1/8" WEEP HOLES AT 3-3/4" FROM EACH END

Approved as complying with the Florida Building Code
 Date: 4-22-2009
 NO. 09-0223-08
 Miami Dade Product Control Division
 By: *Judy Harris*

Engr: DR. HUMAFOUN FAROOQ
 STRUCTURES
 FLA. PE # 16557
 C.A.N. 3538
 FEB 16 2009

af c

AL-FAROOQ CORPORATION
 ENGINEERS & PRODUCT DEVELOPMENT
 1235 S.W. 87 AVE
 MIAMI, FLORIDA 33174
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SERIES 10000 PVC SINGLE HUNG TILT WDW. (N.I.)

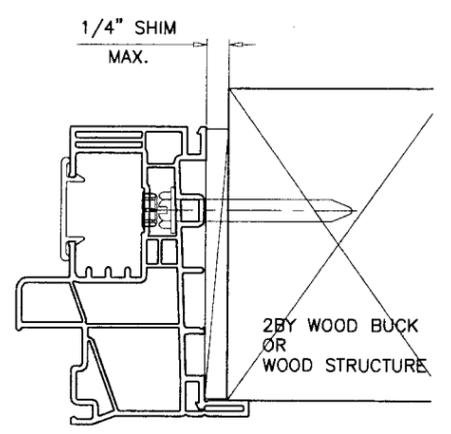
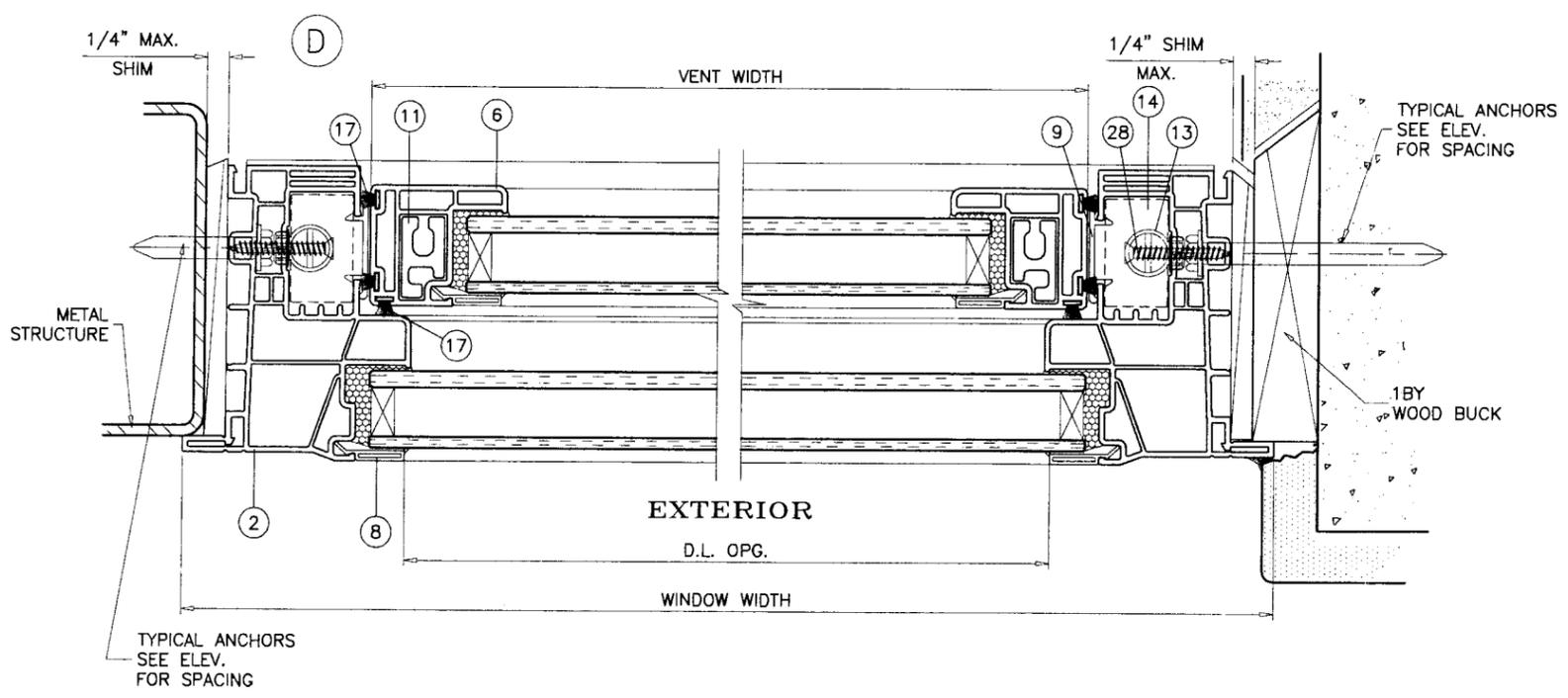
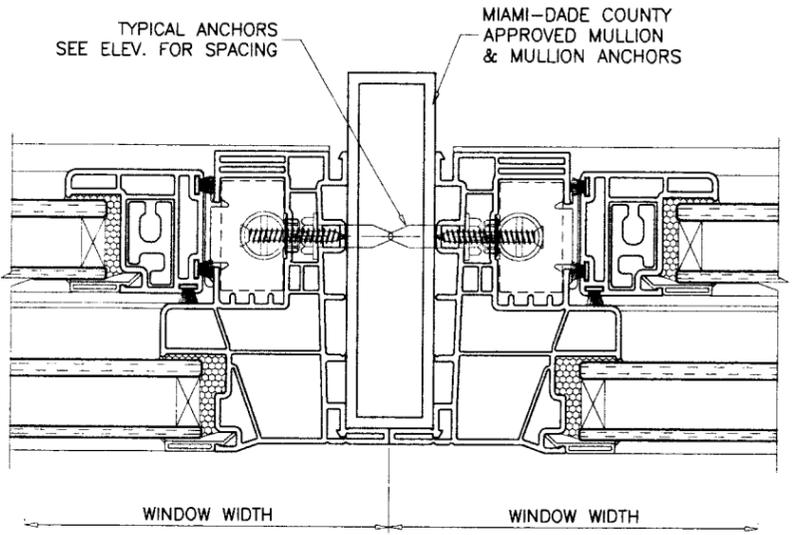
AWP, LLC.
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 MEDLEY, FL. 33166
 TEL. (305) 887-2646 FAX (305) 883-1309

revisions:	no	date	by	description

date: 02-12-09
 scale: 1/2" = 1"
 dr. by: HAMID
 chk. by:

drawing no.
W09-11

sheet 2 of 4



Approved as complying with the
 Florida Building Code
 Date 4-22-2009
 MOA# 09-0223-08
 Miami Dade Product Control
 Division
 By *City Harris*

Engr: DR. HUMAYOUN FAROOQ
 STRUCTURES
 FLA. PE # 16597
 C.A.N. 3538
 FEB 16 2009

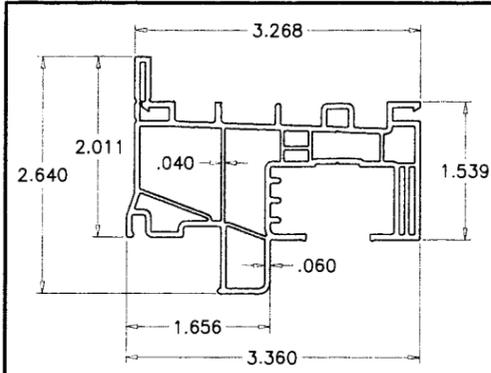
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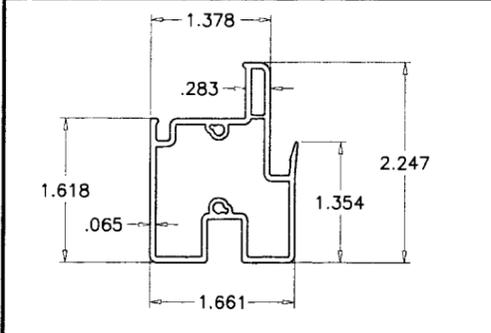
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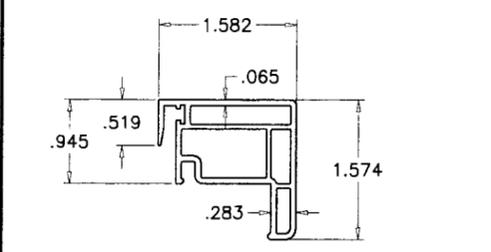
drawing no.
W09-11
 sheet 3 of 4



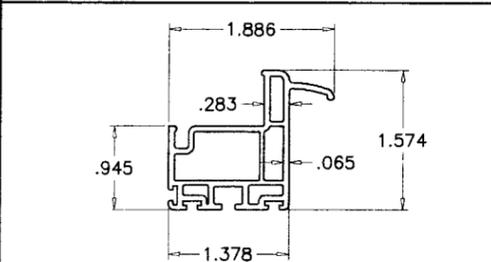
① ② FRAME HEAD/JAMB



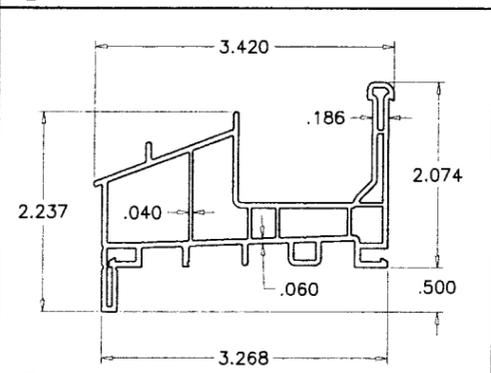
⑦ FIX. MEETING RAIL



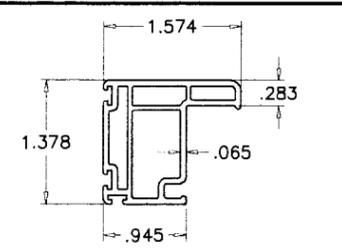
⑤ VENT TOP RAIL



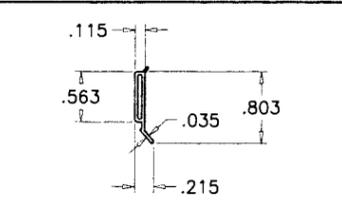
④ VENT BOTTOM RAIL



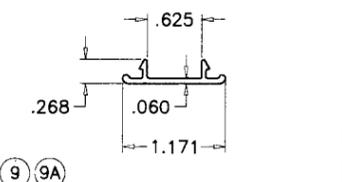
③ FRAME SILL



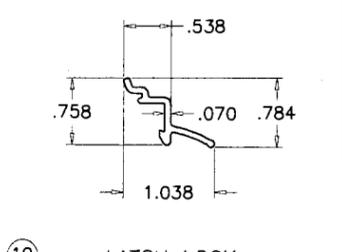
⑥ VENT SIDE RAIL



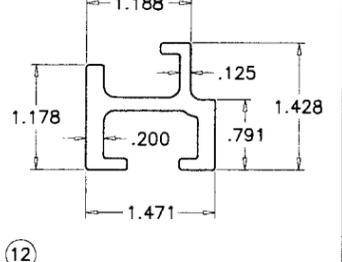
⑧ GLAZING BEAD



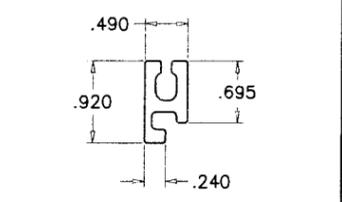
⑨ ⑨A HEAD/JAMB COVER/VENT STOP



⑩ LATCH LOCK

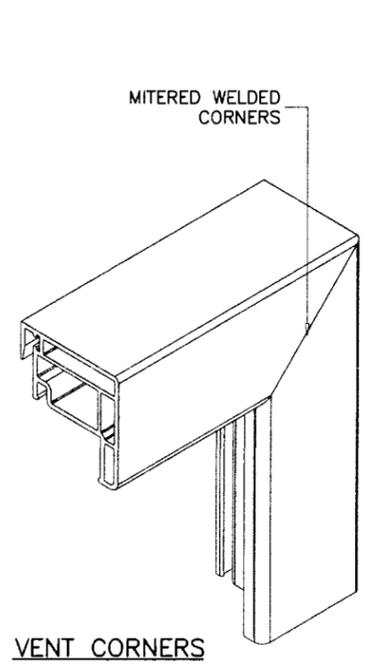


⑫ FIX. MTG. RAIL STIFFENER

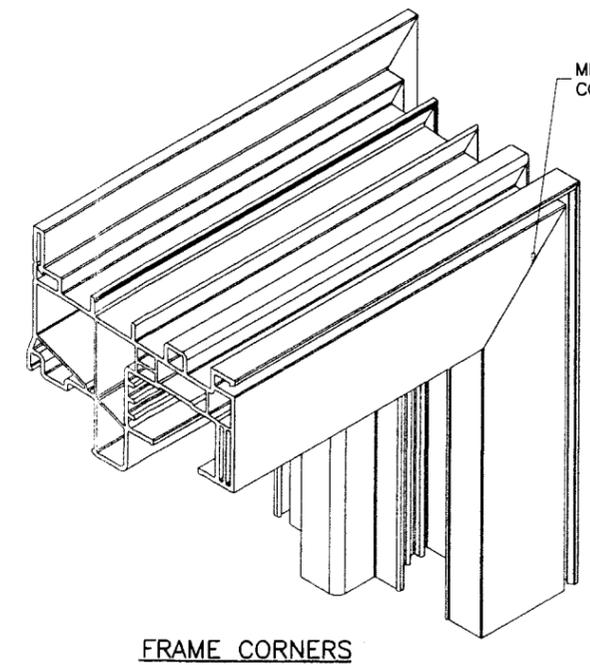


⑪ VENT STIFFENER

ITEM	PART #	QUANTITY	DESCRIPTION	MATERIAL	MANF./SUPPLIER/REMARKS
1	YV-10001	1	FRAME HEAD	PVC	-
2	YV-10001	2	FRAME JAMB	PVC	-
3	YV-10002	1	FRAME SILL	PVC	-
4	YV-10003	1	VENT BOTTOM RAIL	PVC	-
5	YV-10004	1	VENT INTERLOCK STILE	PVC	-
6	YV-10005	2	VENT SIDE STILE	PVC	-
7	YV-10006	1	FIXED INTERLOCK	PVC	-
8	YV-10007	8	GLAZING BEAD	PVC	-
9	YV-10008	3	HEAD/JAMB COVER	PVC	-
9A	YV-10008	2	VENT STOP (5-3/4" LONG)	PVC	-
10	YV-10009	1	VENT BOTTOM LATCH LOCK AT MIDSPAN OF BOT. RAIL	PVC	-
11	YE-1104	4/VENT	VENT REINFORCEMENT	6063-T6	-
12	YE-1103	1/EACH	FIXED INTERLOCK REINFORCEMENT	6063-T6	-
13	-	2/VENT	"ULTRA-LIFT" BALANCE	-	"CALDWELL"
14	YH-5010	2/VENT	BALANCE CARRIER ASSY. (MOD. 16H101)	-	"CALDWELL"
15	YH-524SS	2/VENT	PIVOT BAR (MOD. 0614523-SS) AT EACH END OF BOT. RAIL	S. STEEL	ADEPT
16	YH-1316	AS REQ'D.	Ø 3/8" HOLE PLUG (MOD. C-13856)	NYLON	ASHLAND
17	YH-4026	AS REQ'D.	.187" x .270" FIN SEAL PILE WITH PLASTIC FIN W'STRIP	-	"ULTRAFAB"
18	YH-590RH	1/VENT	TILT LATCH (MOD. 46.13.32.101 RIGHT) AT END OF TOP RAIL	-	"TRUTH"
19	YH-590LH	1/VENT	TILT LATCH (MOD. 46.13.32.102 LEFT) AT END OF TOP RAIL	-	"TRUTH"
20	YH-595	2/VENT	SWEEP LOCK (MOD. 677208) AT 6" FROM EACH END	-	"DECO"
21	YH-597	2/VENT	FACE MOUNT KEEPER (MOD. 677133) AT LOCK LOCATIONS	-	"DECO"
22	YH-1610	2	WEEP HOLE COVER	-	"ASHLAND"
23	YF-81	2/BAR	#6 x 1/2" P.H. PH.DR. PIVOT BAR SCREW	CAD PLATED CRS.	-
24	YF-82	2/KEEPER	#6 x 3/4" F.H. TEK. SQ.DR. KEEPER SCREW	CAD PLATED CRS.	-
25	YF-83	2/LOCK	#8 x 7/8" F.H. TEK. PH.DR. SWEEP LOCK SCREW	CAD PLATED CRS.	-
26	YF-78SH	4	#8 x 2-1/2" P.H. SS. SQ.DR. FIXED MTG. RAIL SCREW	S. STEEL	(2) AT EACH END
27	YF-85	1/LATCH	#6 x 1/2" F.H. SS. SQ.DR. TILT LATCH SCREW	S. STEEL	-
28	YF-90	1/BAL.	#8 x 1-1/4" F.H. SS. PH.DR. BALANCE SCREW	S. STEEL	-
30	YF-21SS	5/VENT	#8 x 1/2" P.H. SS. PH.DR. FIXED MR. REINF. SCREW	S. STEEL	AT 4" FROM ENDS & 10-1/4" O.C.



VENT CORNERS



FRAME CORNERS

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

FEB 16 2009

Approved as complying with
Florida Building Code
Date 4-22-2009
MOA#09-0223-08
Miami Dade Product Control
Division
Fitz Harris

af c
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ENGINEERS & PRODUCT DEVELOPMENT
1235 S.W. 87 AVE
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COMP-ANL\W09-11AWP

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revisions:	no	date	by	description

date: 02-12-09
scale: 1/2" = 1"
dr. by: HAMID
chk. by:

drawing no.
W09-11
sheet 4 of 4