



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.miamidade.gov/buildingcode

Montag Windows & Doors, LLC
215 Hembree Park Drive, Suite 100
Roswell, GA 30076

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: Wood Fixed Window – L.M.I.

APPROVAL DOCUMENT: Drawing No. **W08-68**, titled “Wood Frame Fixed Window (L.M.I.)”, sheets 1 through 7 of 7, dated 07/19/08 with revision A dated 02/12/09, 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: 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 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. 08-1124.07
Expiration Date: March 18, 2014
Approval Date: March 18, 2009
Page 1

Montag Windows & Doors, LLC

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

A. DRAWINGS

1. Manufacturer's die drawings and sections.
2. Drawing No **W08-68**, Sheets 1 through 7 of 7, titled "Wood Frame Fixed Window (L.M.I.)", dated 07/19/08 with revision A dated 02/12/09, 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) Large Missile Impact Test per FBC, TAS 201-94
 - 5) Cyclic Wind Pressure Loading per FBC, TAS 203-94along with marked-up drawings and installation diagram of a wood fixed window, prepared by American Test Lab of South Florida, Test Report No. ATLSF-0928.01-07, dated 09/06/08, signed and sealed by William R. Mehner, P.E.
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, TAS 202-94along with marked-up drawings and installation diagram of a wood fixed window, prepared by American Test Lab of South Florida, Test Report No. **ATLSF-1004.01-07**, dated 09/06/08, signed and sealed by William R. Mehner, P.E. (*For reference only*)

C. CALCULATIONS

1. Anchor verification calculations and structural analysis, complying with FBC-2004 and 2007, prepared by Al-Farooq Corporation, dated 11/19/08 and 02/10/09, signed and sealed by Humayoun Farooq, P.E. **Complies with ASTM E1300-02/04**

D. QUALITY ASSURANCE

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

E. MATERIAL CERTIFICATIONS

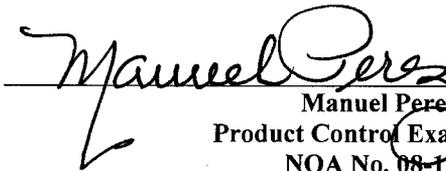
1. Notice of Acceptance No. **07-1116.04** issued to **E.I. DuPont DeNemours & Co., Inc.** for their "**DuPont SentryGlas® Plus**" dated 01/03/08, expiring on 01/14/12.

F. STATEMENTS

1. Statement letter of conformance, dated August 27, 2008, signed and sealed by Humayoun Farooq, P.E.
2. Statement letter of no financial interest, dated August 27, 2008, signed and sealed by Humayoun Farooq, P.E.

G. OTHER

1. None.


Manuel Perez, P.E.
Product Control Examiner
NOA No. 08-1124.07
Expiration Date: March 18, 2014
Approval Date: March 18, 2009

WOOD FRAME FIXED WINDOW

APPROVAL APPLIES TO SINGLE UNITS OR SIDE BY SIDE COMBINATIONS OF TWO OR MORE UNITS. LOWER DESIGN PRESSURE FROM WINDOWS OR SIDE BY SIDE MULLION CHART WILL APPLY TO ENTIRE SYSTEM. CODE REQUIREMENTS FOR SAFEGUARDS MUST BE OBSERVED.

DESIGN LOAD RATING FOR THESE WINDOWS TO BE AS PER CHARTS SHOWN ON SHEET 2. FOR SIDE BY SIDE MULLION CAPACITY SEE CHART ON SHEET 7.

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).

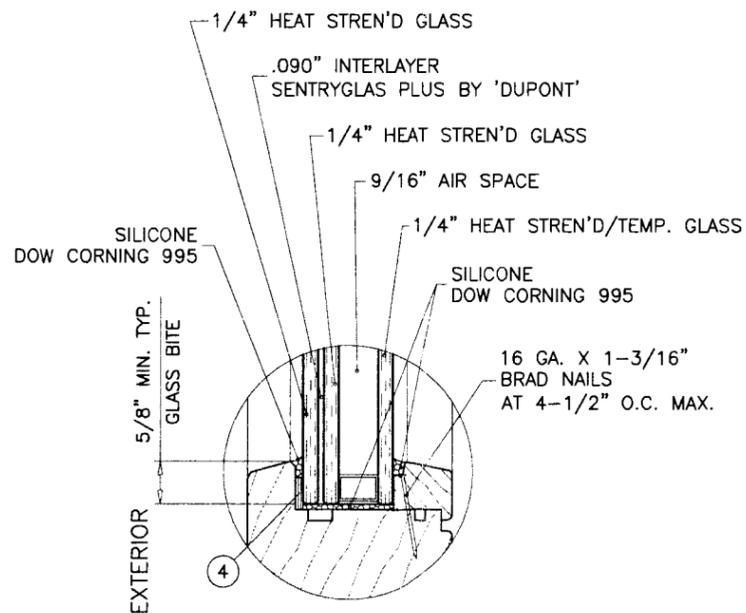
WOOD BUCKS BY OTHERS, MUST BE ANCHORED PROPERLY TO TRANSFER LOADS TO THE STRUCTURE.

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.

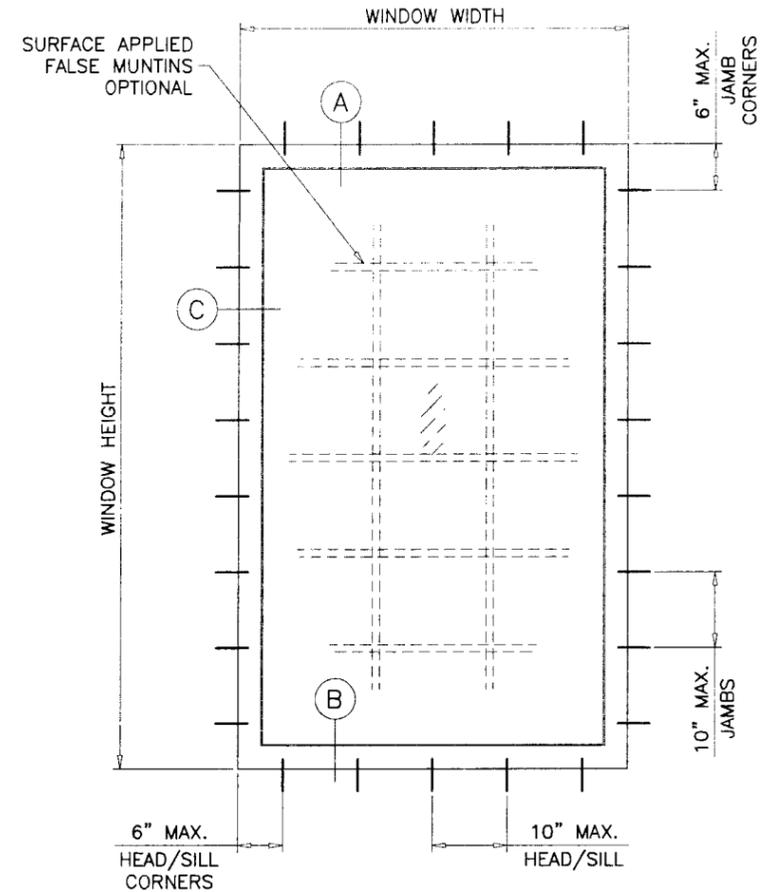
A LOAD DURATION INCREASE IS USED IN DESIGN OF ANCHORS INTO WOOD ONLY.

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.



GLAZING DETAIL

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



TYPICAL ELEVATION

THESE WINDOWS ARE RATED FOR LARGE MISSILE IMPACT. SHUTTERS ARE NOT REQUIRED.

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

FEB 12 2009

Approved as complying with the Florida Building Code
Date: **MARCH 18, 2009**
NDA# **08-1124-07**
Product Control
Manuel Perez

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\W08-68MNA

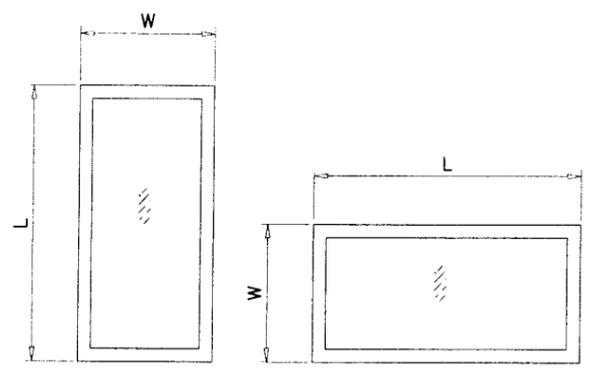
WOOD FRAME FIXED WINDOW (L.M.I.)
MONTAG WINDOWS & DOORS
215 HEMBREE PARK DRIVE, SUITE 100
ROSWELL, GA 30076
TEL. (866) 562-1728 FAX. (866) 563-1728

no.	date	description
A	02.12.09	TEMP. GLASS ADD., NAILS REV.

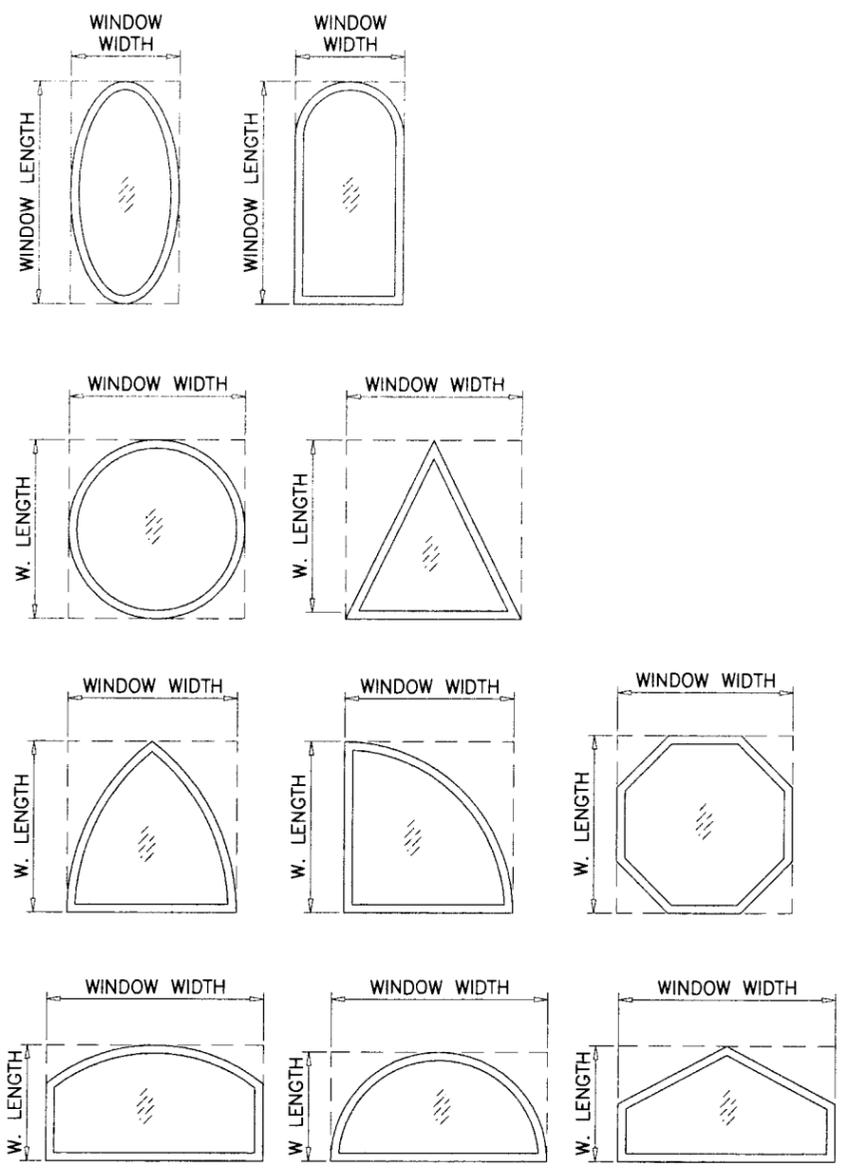
date: 07-19-08
scale: 1/2" = 1'-0"
dr. by: HAMID
chk. by:

drawing no.
W08-68
sheet 1 of 7

DESIGN LOAD CAPACITY - PSF			
WINDOW DIMS.		INSULATING LAMINATED GLASS	
WIDTH	LENGTH	EXT.(+)	INT.(-)
48"	60"	65.0	85.0
54"		65.0	85.0
60"		65.0	85.0
66"		65.0	85.0
72"		65.0	85.0
48"	66"	65.0	85.0
54"		65.0	85.0
60"		65.0	85.0
66"		59.1	77.3
72"		59.1	77.3
48"	72"	65.0	85.0
54"		65.0	85.0
60"		65.0	85.0
66"		59.1	77.3
72"		54.2	70.8
48"	78"	65.0	85.0
54"		65.0	85.0
60"		65.0	85.0
66"		59.1	77.3
72"		54.2	70.8
48"	84"	65.0	85.0
54"		65.0	85.0
60"		65.0	85.0
66"		59.1	77.3
72"		54.2	70.8
48"	90"	65.0	85.0
54"		65.0	85.0
60"		65.0	85.0
66"		59.1	77.3
72"		54.2	70.8
48"	96"	65.0	85.0
54"		65.0	85.0
60"		65.0	85.0
66"		59.1	77.3
72"		54.2	70.8
48"	102"	65.0	85.0
54"		65.0	85.0
60"		65.0	85.0
66"		59.1	77.3
72"		54.2	70.8
48"	108"	65.0	85.0
54"		65.0	85.0
60"		65.0	85.0
48"	114"	65.0	85.0
54"		65.0	85.0
48"	120"	65.0	85.0
54"		65.0	85.0



NOTE:
WIDTH AND LENGTH DIMENSIONS CAN BE ORIENTED VERTICALLY OR HORIZONTALLY AS SHOWN ABOVE.



ALLOWABLE LOADS FOR ALTERNATE SHAPES AS SHOWN ABOVE OR SIMILAR CAN BE VERIFIED BY INSCRIBING PICTURE WINDOW SHAPE WITHIN SQUARE OR RECTANGLE AS SHOWN IN DOTTED LINES AND OBTAINING ALLOWABLE LOADS FROM THOSE SHAPES.

Engr. DR. HUMAYOON FAROOQ
STRUCTURES
FLA. PE # 16557
C.A.N. 3538
FEB 12 2009

Approved to comply with the Florida Building Code
Date: MARCH 18 2009
PROJECT: 08-1124.07
Checked by: [Signature]
Checked Date: [Signature]

af c
AL-FAROOQ CORPORATION
 ENGINEERS & PRODUCT DEVELOPMENT
 12335 S.W. 87 AVE
 MIAMI, FLORIDA 33174
 TEL. (305) 264-8100 FAX. (305) 262-6978
 COMP -ANL\W08-68MNA

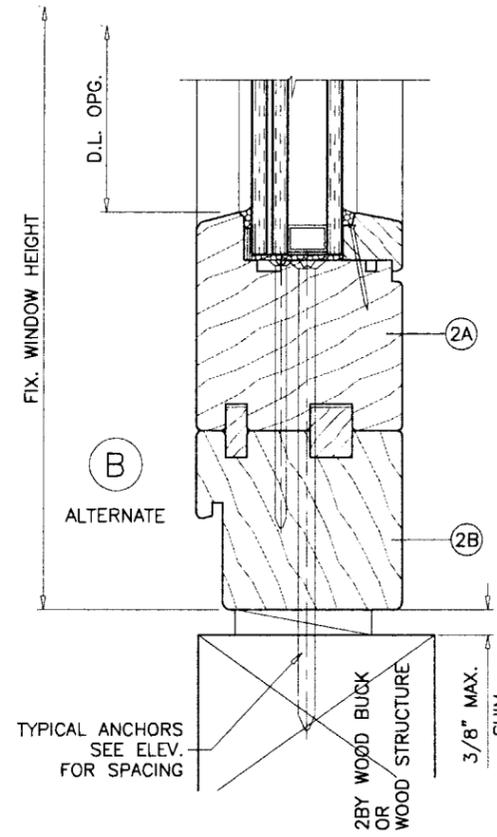
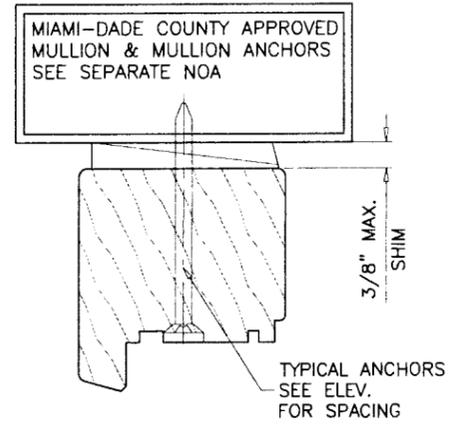
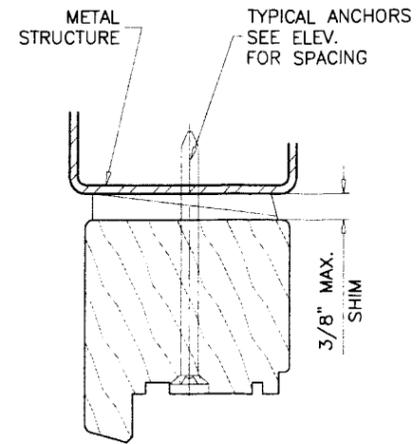
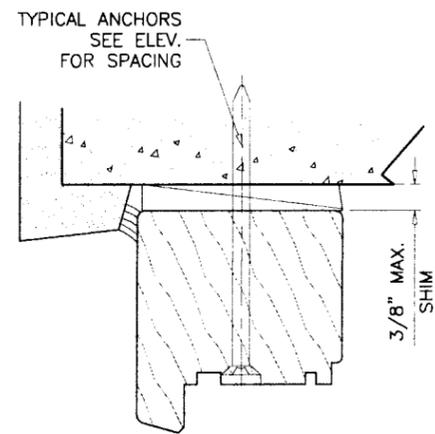
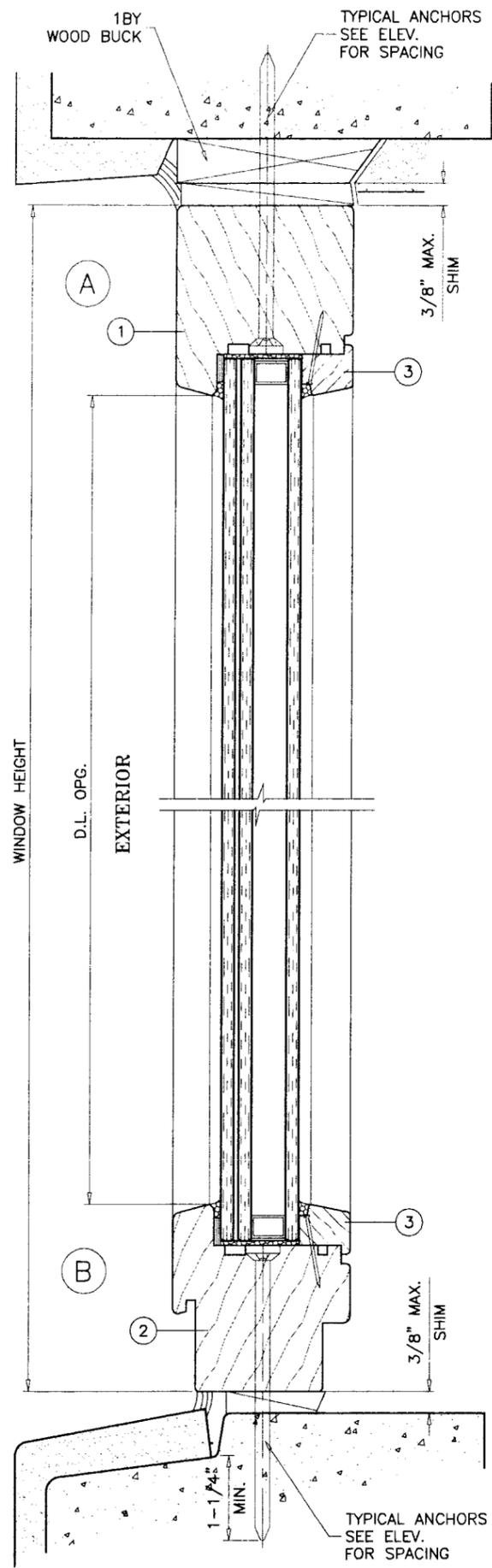
WOOD FRAME FIXED WINDOW (L.M.I.)
MONTAG WINDOWS & DOORS
 215 HEMBREE PARK DRIVE, SUITE 100
 ROSWELL, GA 30076
 TEL. (866) 562-1728 FAX. (866) 563-1728

revisions:	no	date	by	description
	A	02.12.09		CHART REV.

date: 07-19-08
 scale: 1/2"=1'-0"
 dr. by: HAMID
 chk. by:

drawing no.
W08-68

sheet 2 of 7



TYPICAL ANCHORS: SEE ELEV. FOR SPACING

1/4" DIA. ULTRACON BY 'ELCO' ($F_u=177$ KSI, $F_y=155$ KSI)
 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 (GRADE 2 CRS)
 INTO MIAMI-DADE COUNTY APPROVED MULLIONS (MIN. THK. = .090")
 INTO METAL STRUCTURES
 STEEL : 12 GA. MIN. ($F_y = 36$ 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 $f'_m = 1500$ PSI MIN.

WEEPHOLES:
 W = 5/32" X 7/8" WEEP SLOTS AT JAMB AND SILL

SEALANTS:
 WINDOW PERIMETER SEALED WITH SILICONE SEALANT.

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

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

APPROVED AS SHOWN WITH THE
MARCH 18, 2009
08-1124.07
Manuel P. Prez

FEB 12 2009

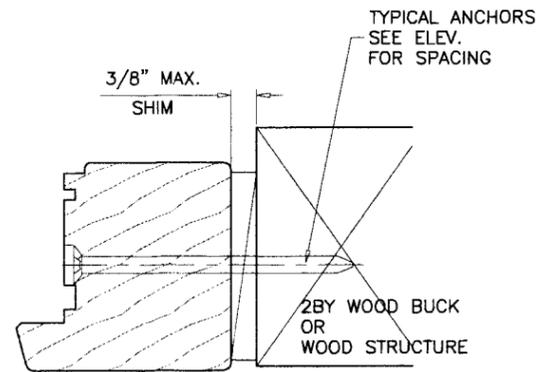
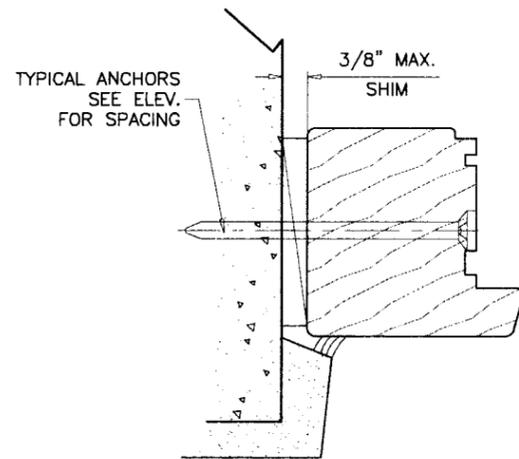
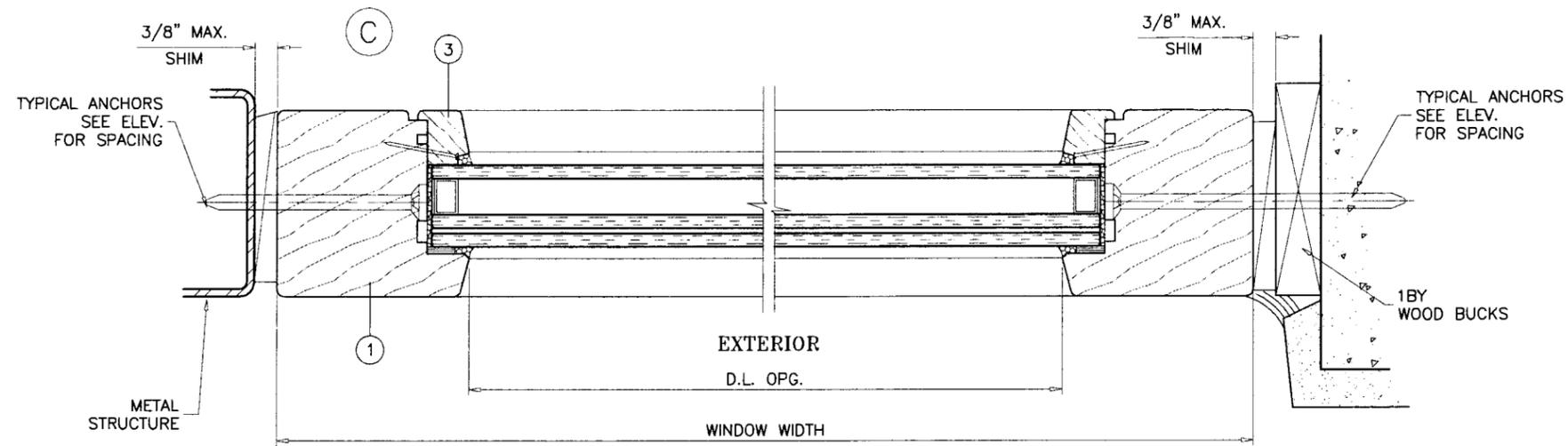
af c
AL-FAROOQ CORPORATION
 ENGINEERS & PRODUCT DEVELOPMENT
 1235 S.W. 87 AVE
 MIAMI, FLORIDA 33174
 TEL. (305) 264-8100 FAX. (305) 262-6978
 COMP-ANL\W08-68MNA

WOOD FRAME FIXED WINDOW (L.M.I.)
MONTAG WINDOWS & DOORS
 215 HEMBREE PARK DRIVE, SUITE 100
 ROSWELL, GA 30076
 TEL. (866) 562-1728 FAX. (866) 563-1728

no	date	by	description
A	02.12.09	NAILS REV.	

date: 07-19-08
 scale: 3/8" = 1"
 dr. by: HAMID
 chk. by:

drawing no.
W08-68
 sheet 3 of 7



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

H
FEB 12 2009

Approved on behalf of the
Professional Engineer
MARCH 18, 2009
08-1124.07
Manuel

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 \ W08 - 68MNA

WOOD FRAME FIXED WINDOW (L.M.I.)
MONTAG WINDOWS & DOORS
215 HEMBREE PARK DRIVE, SUITE 100
ROSWELL, GA 30076
TEL. (866) 562-1728 FAX. (866) 563-1728

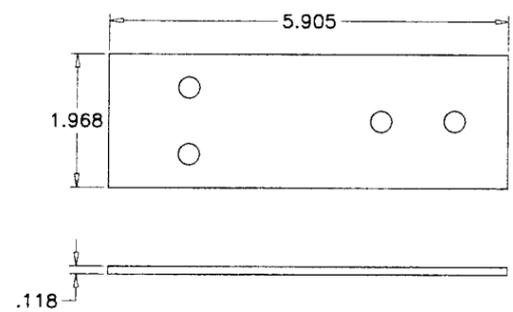
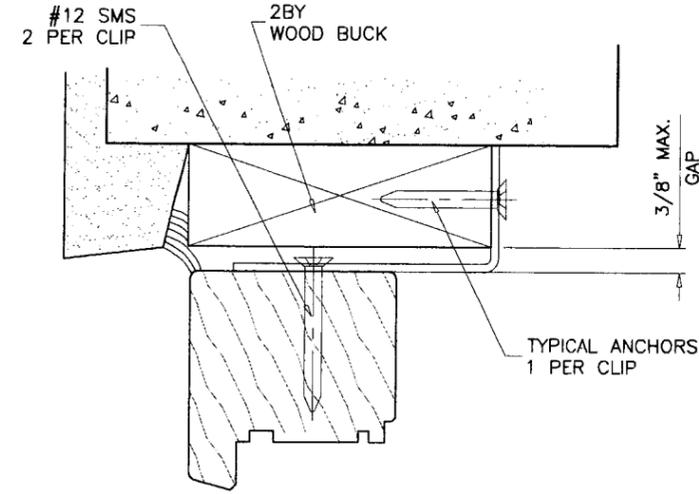
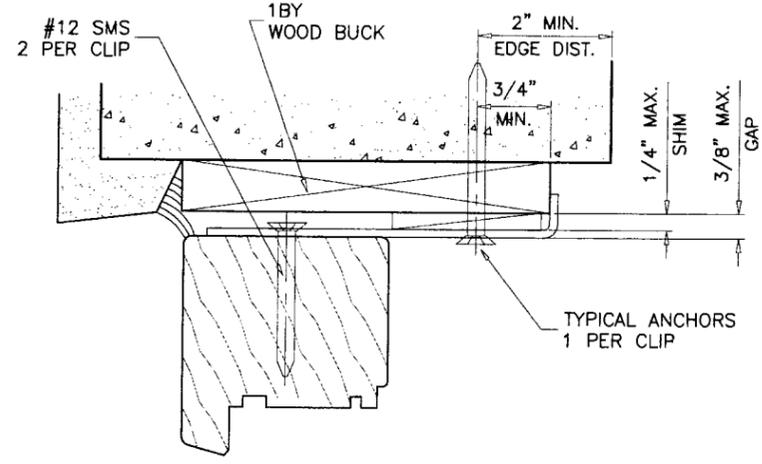
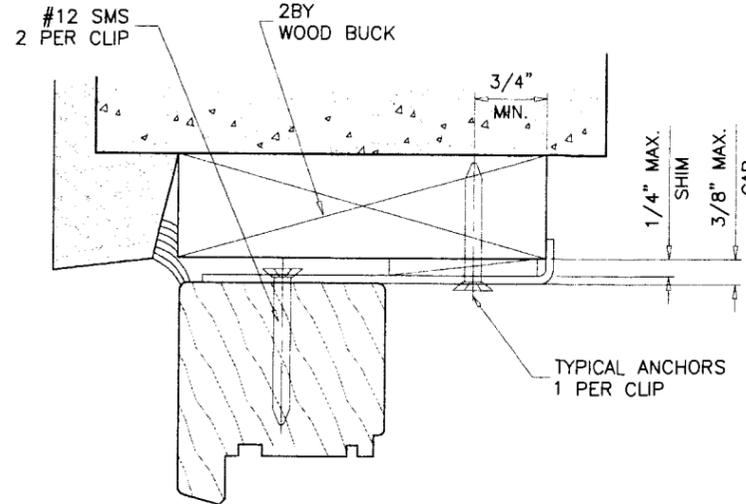
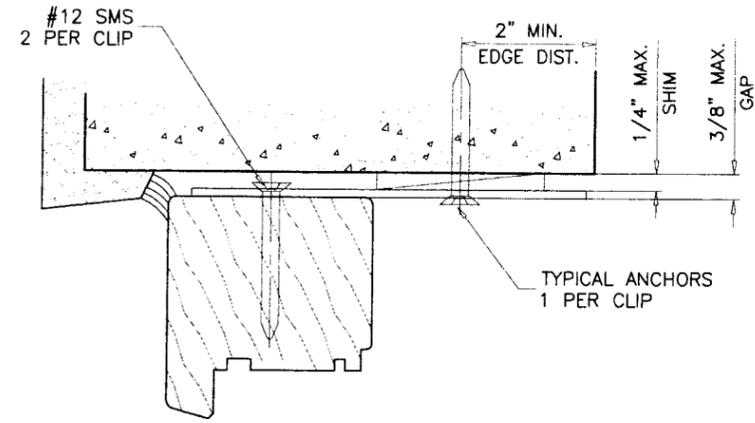
revisions:

no	date	by	description
A	02.12.09		NAILS REV.

date: 07-19-08
scale: 3/8" = 1"
dr. by: HAMID
chk. by:

drawing no.
W08-68

sheet 4 of 7



STRAP CLIP
GALV. STEEL

TYPICAL ANCHORS: SEE ELEV. FOR SPACING

ANCHORS THRU STRAP CLIPS

#12 SMS
INTO 2BY WOOD BUCKS OR WOOD STRUCTURE
1-1/2" MIN. PENETRATION INTO WOOD

ANCHOR EDGE DISTANCES

INTO WOOD STRUCTURE = 1/2" MIN.

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

MARCH 18, 2009
08-1124-07

FEB 12 2009

date: 07-19-08
scale: 3/8" = 1"
dr. by: HAMID
chk. by:

MANUEL PEREZ

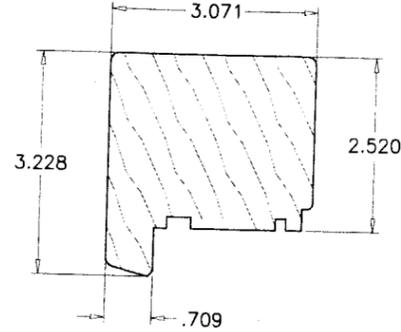
af c
AL-FAROOQ CORPORATION
ENGINEERS & PRODUCT DEVELOPMENT
1235 S.W. 87 AVE
MIAMI, FLORIDA 33174
TEL (305) 264-8100 FAX (305) 262-6978
COMP-ANL\W08-68MNA

WOOD FRAME FIXED WINDOW (L.M.I.)
MONTAG WINDOWS & DOORS
215 HEMBREE PARK DRIVE, SUITE 100
ROSWELL, GA 30076
TEL. (866) 562-1728 FAX. (866) 563-1728

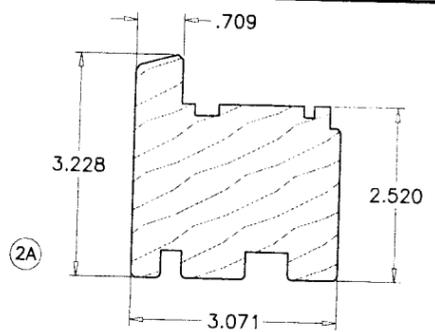
revisions:

no	date	description
A	02.12.09	NO CHANGE THIS SHEET

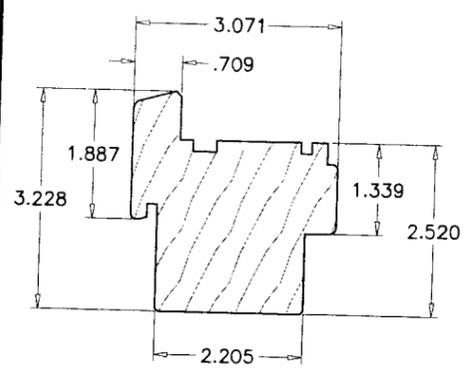
drawing no.
W08-68
sheet 5 of 7



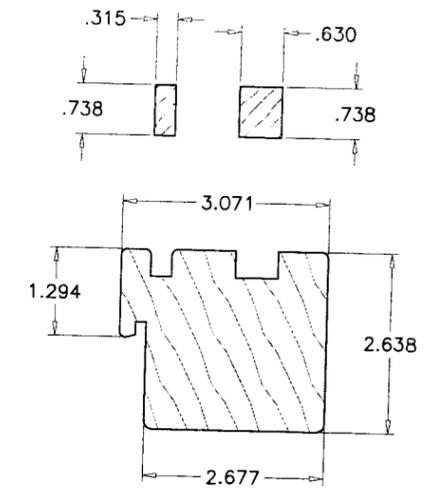
① FRAME HEAD/JAMB



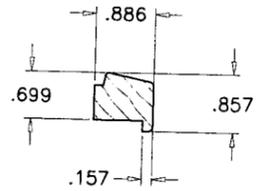
②B



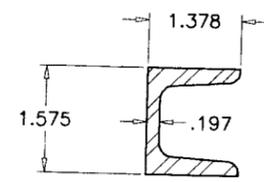
② FRAME SILL



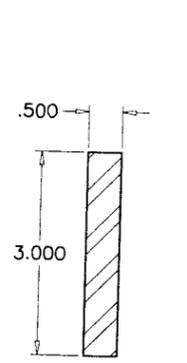
②A



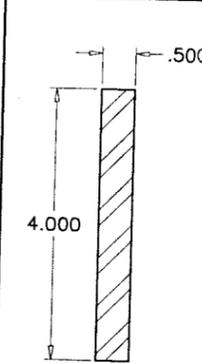
③ GLAZING BEAD



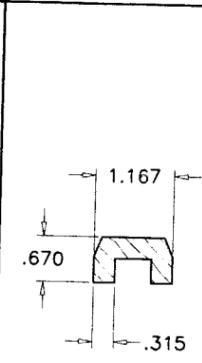
⑤ MULLION CHANNEL



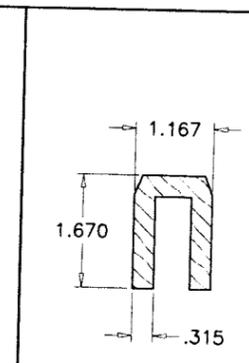
⑤A MULLION BAR



⑤B MULLION BAR

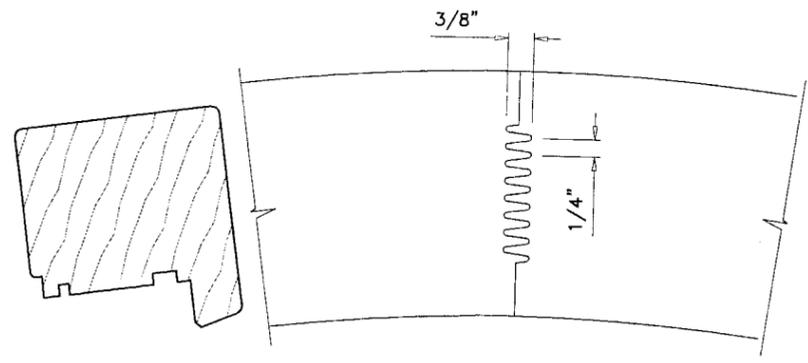


⑥A MULLION COVER

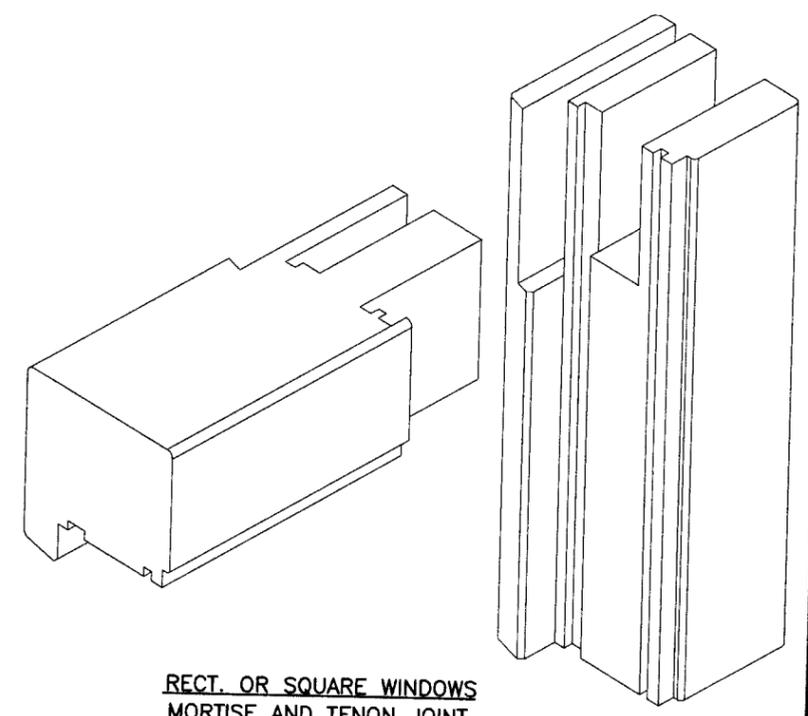


⑥B MULLION COVER

ITEM	PART #	QUANTITY	DESCRIPTION	MATERIAL	MANF./SUPPLIER/REMARKS
1	-	3/ WDW.	FRAME HEAD/JAMB	MERANTI WOOD	-
2	-	1/ WDW.	FRAME SILL	MERANTI WOOD	-
2A	-	1/ WDW.	ALT. FRAME SILL (TOP)	MERANTI WOOD	-
2B	-	1/ WDW.	ALT. FRAME SILL (BOTTOM)	MERANTI WOOD	-
3	-	4/ WDW.	GLAZING BEAD	MERANTI WOOD	-
4	-	4/ WDW.	GLAZING TAPE	FOAM	-
5	-	1/ MULLION	MULLION CHANNEL	GALV. STEEL	-
5A	-	1/ MULLION	1/2" X 3" MULLION BAR	GALV. STEEL	-
5B	-	1/ MULLION	1/2" X 4" MULLION BAR	GALV. STEEL	-
6A	-	1/ MULLION	MULLION COVER	MERANTI WOOD	-
6B	-	1/ MULLION	MULLION COVER	MERANTI WOOD	-



CIRCULAR WINDOWS
FINGER JOINT



RECT. OR SQUARE WINDOWS
MORTISE AND TENON JOINT

FRAME CORNERS

FRAME CORNERS SEALED/GLUED WITH
WATER PROOF ADHESIVE

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

FEB 12 2009

MARCH 18, 2009
08-1124.07
Manuel Perez

af c
AL-FAROOQ CORPORATION
ENGINEERS & PRODUCT DEVELOPMENT
1235 S.W. 87 AVE
MIAMI, FLORIDA 33174
TEL. (305) 264-8100 FAX. (305) 262-6978
COMP-ANL\W08-68MNA

WOOD FRAME FIXED WINDOW (L.M.I.)
MONTAG WINDOWS & DOORS
215 HEMBREE PARK DRIVE, SUITE 100
ROSWELL, GA 30076
TEL. (866) 562-1728 FAX. (866) 563-1728

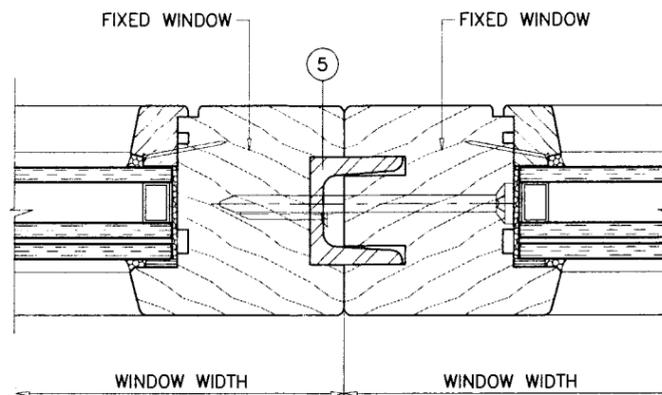
no	date	description
A	02.12.09	NO CHANGE THIS SHEET

date: 07-19-08
scale: 3/8" = 1"
dr. by: HAMID
chk. by:

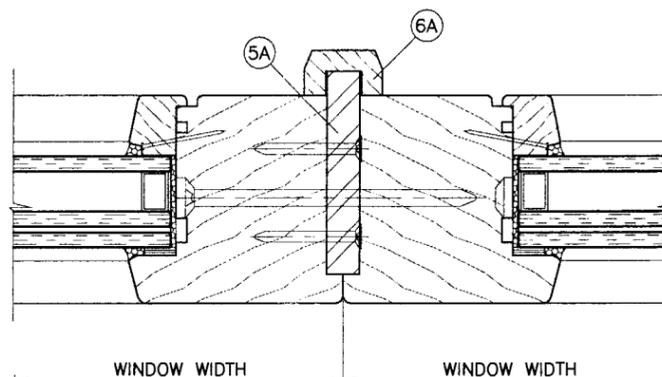
drawing no.
W08-68

sheet 6 of 7

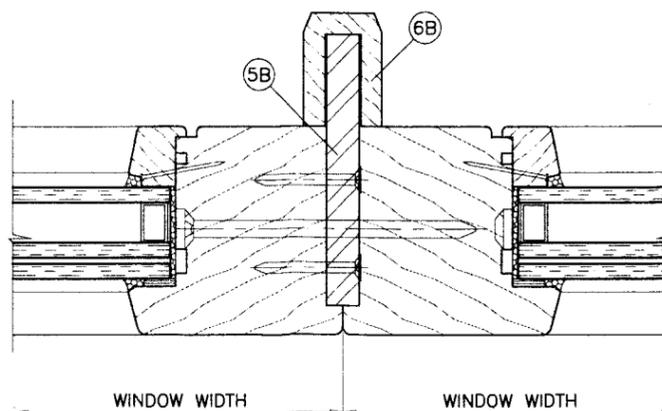
MULLION LOAD CAPACITY - PSF							
WINDOW DIMS. WIDTH (W) LENGTH (L)		MULLION TYPE '1'		MULLION TYPE '2'		MULLION TYPE '3'	
		2 ANCHORS AT EACH SIDE OF MULL	3 ANCHORS AT EACH SIDE OF MULL	2 ANCHORS AT EACH SIDE OF MULL	3 ANCHORS AT EACH SIDE OF MULL	3 ANCHORS AT EACH SIDE OF MULL	4 ANCHORS AT EACH SIDE OF MULL
		EXT. (+) INT. (-)					
24"	66"	85.0	85.0	85.0	85.0	85.0	85.0
30"		85.0	85.0	85.0	85.0	85.0	85.0
36"		85.0	85.0	85.0	85.0	85.0	85.0
42"		85.0	85.0	85.0	85.0	85.0	85.0
48"		85.0	85.0	85.0	85.0	85.0	85.0
24"	72"	85.0	85.0	85.0	85.0	85.0	85.0
30"		85.0	85.0	85.0	85.0	85.0	85.0
36"		85.0	85.0	85.0	85.0	85.0	85.0
42"		80.9	85.0	80.9	85.0	85.0	85.0
48"		75.2	85.0	75.2	85.0	85.0	85.0
24"	78"	85.0	85.0	85.0	85.0	85.0	85.0
30"		85.0	85.0	85.0	85.0	85.0	85.0
36"		80.2	85.0	80.2	85.0	85.0	85.0
42"		72.4	85.0	72.4	85.0	85.0	85.0
48"		66.8	85.0	66.8	85.0	85.0	85.0
24"	84"	85.0	85.0	85.0	85.0	85.0	85.0
30"		83.7	85.0	83.7	85.0	85.0	85.0
36"		72.9	85.0	72.9	85.0	85.0	85.0
42"		65.5	79.9	65.5	85.0	85.0	85.0
48"		60.2	72.3	60.2	85.0	85.0	85.0
24"	90"	85.0	85.0	85.0	85.0	85.0	85.0
30"		77.0	85.0	77.0	85.0	85.0	85.0
36"		66.8	72.9	66.8	85.0	85.0	85.0
42"		59.8	64.1	59.8	85.0	85.0	85.0
48"		54.7	57.7	54.7	82.0	82.0	85.0
24"	96"	85.0	85.0	85.0	85.0	85.0	85.0
30"		70.3	70.3	71.3	85.0	85.0	85.0
36"		59.6	59.6	61.7	85.0	85.0	85.0
42"		52.2	52.2	55.0	81.9	82.5	85.0
48"		46.8	46.8	50.1	73.2	75.2	85.0
24"	102"	72.0	72.0	80.2	85.0	85.0	85.0
30"		58.3	58.3	66.4	85.0	85.0	85.0
36"		49.4	49.4	57.3	82.8	85.0	85.0
42"		43.1	43.1	50.9	72.0	76.4	85.0
48"		38.6	38.6	46.3	64.2	69.4	85.0
24"	108"	60.5	60.5	75.2	85.0	85.0	85.0
30"		49.0	49.0	62.1	85.0	85.0	85.0
36"		41.4	41.4	53.5	73.5	80.2	85.0
42"		36.0	36.0	47.4	63.9	71.1	85.0
48"		32.2	32.2	43.0	56.8	64.5	79.2
24"	114"	51.4	51.4	70.8	85.0	85.0	85.0
30"		41.5	41.5	58.3	73.8	85.0	85.0
36"		35.0	35.0	50.1	62.2	75.2	85.0
42"		30.5	30.5	44.4	54.1	66.5	79.5
48"		27.1	27.1	40.1	48.2	60.2	70.6
24"	120"	44.0	44.0	66.8	78.1	85.0	85.0
30"		35.5	35.5	55.0	63.1	82.5	85.0
36"		29.9	29.9	47.2	53.1	70.8	82.5
42"		26.0	26.0	41.7	46.2	62.5	71.4
48"		23.1	23.1	37.6	41.0	56.4	63.3



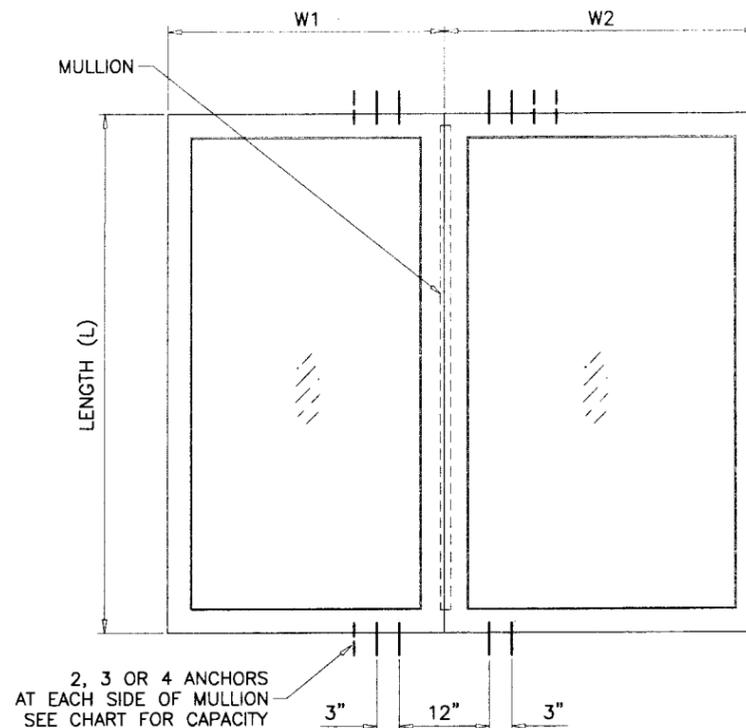
MULLION TYPE '1'



MULLION TYPE '2'



MULLION TYPE '3'



2, 3 OR 4 ANCHORS
AT EACH SIDE OF MULLION
SEE CHART FOR CAPACITY

TYPICAL ELEVATIONS
SIDE BY SIDE WINDOWS

SIDE BY SIDE APPLIES TO TWO OR MORE WINDOWS

$$WIDTH (W) = \frac{W1 + W2}{2}$$

NOTES:

1. USE CHART ON THIS SHEET FOR SIDE BY SIDE CONNECTION CAPACITY OF WINDOW MULLION.
2. FOR FIXED WINDOW CAPACITY SEE SHEET 2 OF 7.
3. LOWER VALUES FROM STEPS 1 OR 2 WILL APPLY TO ENTIRE SYSTEM.

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

FEB 12 2009

MARCH 18, 2009
08-1124.07
Manuel Perez

af c
AL-FAROOQ CORPORATION
ENGINEERS & PRODUCT DEVELOPMENT
1235 S.W. 87 AVE
MIAMI, FLORIDA 33174
TEL. (305) 264-8100 FAX. (305) 262-6978
COMP-ANL\W08-68MNA

WOOD FRAME FIXED WINDOW (L.M.I.)
MONTAG WINDOWS & DOORS
215 HEMBREE PARK DRIVE, SUITE 100
ROSWELL, GA 30076
TEL. (866) 562-1728 FAX. (866) 563-1728

no.	date	by	description
A	02.12.09		NAILS REV.

date: 07-19-08
scale: 3/8" = 1"
dr. by: HAMID
chk. by:

drawing no.
W08-68
sheet 7 of 7