



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

Universal Impact Windows & Doors, Inc.
1675 West 31st Place
Hialeah, FL 33012

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: Unclipped Aluminum Tube Mullion w/Integral Rebecca SH & Coastal PW Window Frames – L.M.I.

APPROVAL DOCUMENT: Drawing No. **M01-03**, titled "Aluminum Tube Mullions", sheets 1 through 4 of 4, prepared by Al-Farooq Corporation, dated 10/15/01 with revision B dated 08/20/08, 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 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 revises and renews NOA # 02-1009.11 and 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. 08-0613.05
Expiration Date: June 12, 2013
Approval Date: October 16, 2008
Page 1

Universal Impact Windows & Doors, Inc.

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

A. DRAWINGS

1. Manufacturer's die drawings and sections.
2. Drawing No. **M01-03**, titled "Aluminum Tube Mullions", sheets 1 through 4 of 4, prepared by Al-Farooq Corporation, dated 10/15/01 with revision B dated 08/20/08, 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 203-94
 - 6) Forced Entry Test, per FBC 2411 3.2.1 and TAS 202-94along with marked-up drawings and installation diagram of single hung mullied units, prepared by Fenestration Testing Laboratory, Inc., Test Report No. **FTL-3577**, dated 09/17/02, signed and sealed by Joseph Chen, P.E.
(Submitted under previous NOA #02-1009.11)

C. CALCULATIONS

1. Anchor verification calculations and structural analysis, complying with FBC-2004 and 2007, prepared by Al-Farooq Corporation, dated 8/19/08, signed and sealed by Humayoun Farooq, P.E.

D. QUALITY ASSURANCE

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

E. MATERIAL CERTIFICATIONS

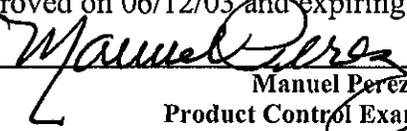
1. None.

F. STATEMENTS

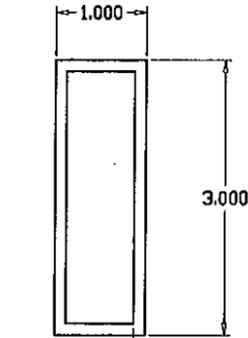
1. Statement letter of conformance, dated August 19, 2008, signed and sealed by Humayoun Farooq, P.E.
2. Statement letter of no financial interest, dated August 19, 2008, signed and sealed by Humayoun Farooq, P.E.

G. OTHER

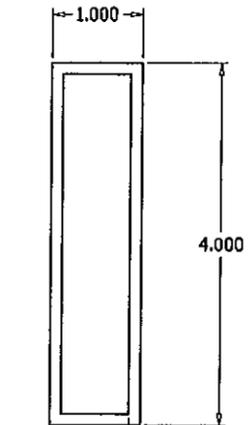
1. Notice of Acceptance No. **02-1009.11**, issued to Universal Aluminum Windows & Doors, Inc. for their Unclipped Aluminum Vertical Tube Mullion w/Integral Rebecca SH & Coastal PW Window Frames - Impact, approved on 06/12/03 and expiring on 06/12/08.


Manuel Perez, P.E.
Product Control Examiner
NOA No. 08-0613.05

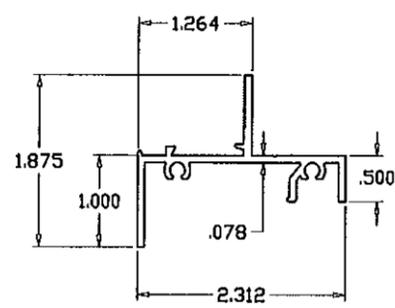
Expiration Date: June 12, 2013
Approval Date: October 16, 2008



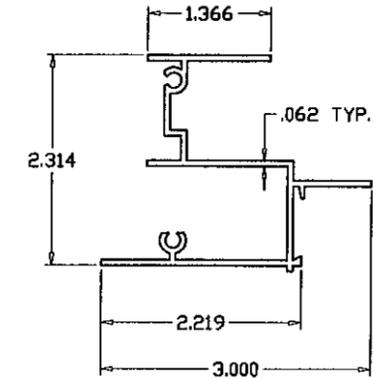
1 X 3 STD. TUBE
6063-T6



1 X 4 STD. TUBE
6063-T6



FIX. WINDOW FRAME
U7001



S.H. FRAME JAMB
UA-5003

UNCLIPPED ALUMINUM TUBE MULLION WINDOW FRAME MEMBER INCLUDED IN PROPERTIES

USE WITH:
 SERIES REBECCA SINGLE HUNG WINDOW
 SERIES 7000 FIXED WINDOW
 AND ANY COMBINATION OF ABOVE.
 FOR WINDOWS IMPACT AND LOAD RATINGS SEE
 CORRESPONDING NOA'S.
 LOWER DESIGN PRESSURE FROM WINDOW APPROVALS
 OR MULLION CHARTS WILL APPLY TO ENTIRE SYSTEM.

NOTES:

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).

ALL GLAZING PRODUCTS USED WITH THESE MULLIONS MUST MEET THE APPLICABLE BUILDING CODE REQUIREMENTS I.E: WIND LOAD, WATER INFILTRATION, FORCED ENTRY RESISTANCE, SAFEGUARDS ETC.

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

ANCHORS SHALL BE AS LISTED, SPACED AS SHOWN ON DETAILS, EMBEDMENT TO BASE MATERIAL SHALL BE BEYOND WALL COVERING (STUCCO, TILE ETC.).

ANCHORING CONDITIONS OTHER THAN THOSE 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 SCREWS, THAT COME INTO CONTACT WITH OTHER DISSIMILAR MATERIALS SHALL MEET THE REQUIREMENTS OF 2004/2007 FLORIDA BLDG. CODE SECTION 2D03.8.4.

INSTRUCTIONS:

USE CHARTS AND GRAPHS AS FOLLOWS.

- STEP 1** DETERMINE DESIGN LOAD REQUIRED PER ASCE 7 FOR PARTICULAR OPENING.
- STEP 2** USE CONNECTION OF WINDOWS TO MULLION AS PER PRODUCT APPROVAL.
- STEP 3** USING CHARTS ON SHEET 2 & 3 SELECT MULLION SIZE WITH DESIGN RATING MORE THAN DESIGN LOAD SPECIFIED IN STEP 1 ABOVE.
- STEP 4** USING CHARTS ON SHEET 2 & 3 VERIFY ANCHOR CAPACITY WITH DESIGN RATING MORE THAN DESIGN LOAD SPECIFIED IN STEP 1 ABOVE.
- STEP 5** CAPACITY OF UNIVERSAL GLAZING PRODUCTS AND MULLION MUST EQUAL OR EXCEED REQUIRED LOADS.

Engr: DR. HUMAYOON FAROOQ
 STRUCTURES
 FLA. PE # 18557
 C.A.N. 3538

AUG 28 2008

PRODUCT REVISED
 as complying with the Florida
 Building Code
 Acceptance No. **08-0613.05**
 Expiration Date **JUNE 12, 2013**

By *Mamun Peraz*
 Miami Trade Product Control
 Division

THESE MULLIONS ARE RATED FOR LARGE MISSILE IMPACT



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

ALUMINUM TUBE MULLIONS
UNIVERSAL IMPACT WINDOWS & DOORS
 1675 W. 31ST PLACE
 HIALEAH, FL. 33012
 TEL (305) 825-7900 FAX (305) 825-5805

no.	date	description
A	03.03.03	REV. PER BCCO COMMENTS
B	08.20.08	UPDATED FOR 2007 FBC

date: 10-15-01
 scale: 1/2" = 1"
 dr. by: HAMID
 chk. by:

drawing no.
M01-03

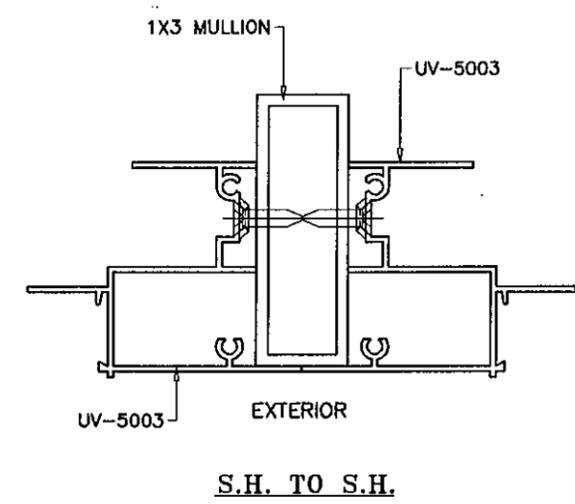
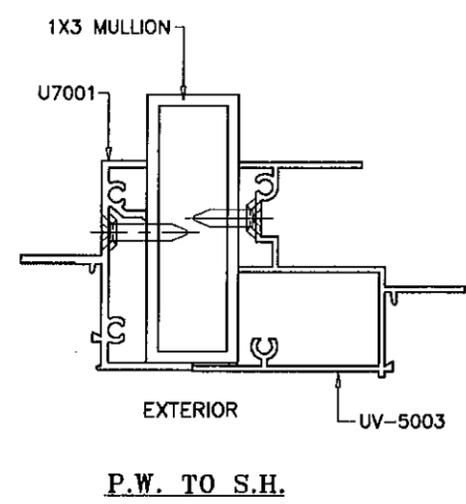
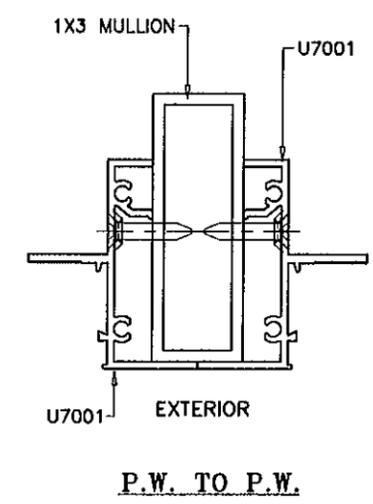
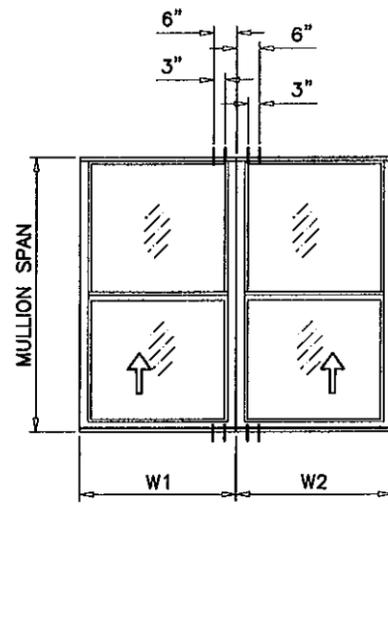
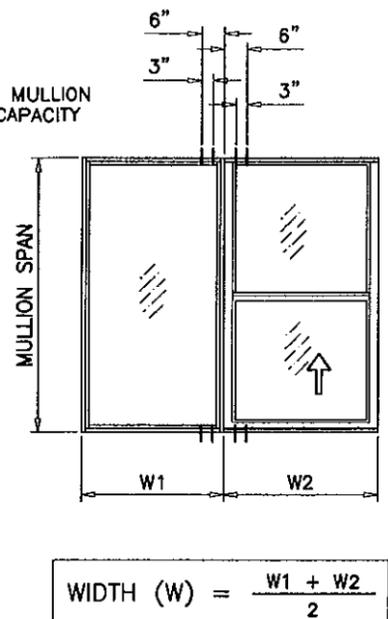
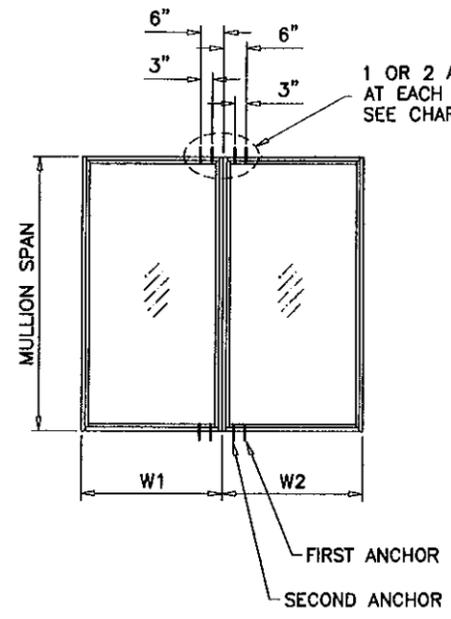
sheet 1 of 4

MULLION\M01-03UW

DESIGN LOAD CAPACITY - PSF
1 X 3 TUBE MULLION

WINDOW DIMS.		P.W. TO P.W.		P.W. TO S.H.		S.H. TO S.H.	
WIDTH (W)	MULL SPAN	1 ANCHOR EACH SIDE OF MULL	2 ANCHORS EACH SIDE OF MULL	1 ANCHOR EACH SIDE OF MULL	2 ANCHORS EACH SIDE OF MULL	1 ANCHOR EACH SIDE OF MULL	2 ANCHORS EACH SIDE OF MULL
19-1/8"	38-3/8"	150.0	150.0	150.0	150.0	150.0	150.0
26-1/2"		150.0	150.0	150.0	150.0	150.0	150.0
30"		150.0	150.0	150.0	150.0	150.0	150.0
37"		150.0	150.0	150.0	150.0	150.0	150.0
42"		150.0	150.0	150.0	150.0	150.0	150.0
48"		150.0	150.0	150.0	150.0	150.0	150.0
53-1/8"	150.0	150.0	150.0	150.0	150.0	150.0	150.0
19-1/8"	50-5/8"	150.0	150.0	150.0	150.0	150.0	150.0
26-1/2"		125.0	150.0	125.0	150.0	125.0	150.0
30"		115.9	150.0	115.9	150.0	115.9	150.0
37"		104.2	150.0	104.2	150.0	104.2	150.0
42"		99.5	150.0	99.5	150.0	99.5	150.0
48"		96.9	150.0	96.9	150.0	96.9	150.0
53-1/8"	96.6	150.0	96.6	150.0	96.6	150.0	
19-1/8"	57"	136.5	150.0	136.5	150.0	136.5	150.0
26-1/2"		106.8	150.0	106.8	150.0	106.8	150.0
30"		98.3	150.0	98.3	150.0	98.3	150.0
37"		86.9	150.0	86.9	150.0	86.9	150.0
42"		81.9	145.4	81.9	150.0	81.9	150.0
48"		78.2	137.4	78.2	149.7	78.2	150.0
53-1/8"	76.6	133.8	76.6	145.8	76.6	150.0	
19-1/8"	83"	121.2	150.0	121.2	150.0	121.2	150.0
26-1/2"		93.9	145.3	93.9	150.0	93.9	150.0
30"		86.0	131.1	86.0	142.8	86.0	150.0
37"		75.2	111.9	75.2	121.9	75.2	131.9
42"		70.2	103.0	70.2	112.2	70.2	121.4
48"		66.2	95.9	66.2	104.5	66.2	113.0
53-1/8"	64.0	92.0	64.0	100.3	64.0	108.5	
19-1/8"	74-1/4"	100.1	117.5	100.1	128.0	100.1	138.5
26-1/2"		76.6	86.9	76.6	94.7	76.6	102.4
30"		69.7	77.9	69.7	84.9	69.7	91.9
37"		60.0	65.5	60.0	71.4	60.0	77.2
42"		55.4	59.5	55.4	64.9	55.4	70.2
48"		51.3	54.4	51.3	59.3	51.3	64.1
53-1/8"	48.9	51.3	48.9	55.9	48.9	60.4	
19-1/8"	76"	97.5	109.4	97.5	119.2	97.5	129.0
26-1/2"		74.5	80.9	74.5	88.1	74.5	95.3
30"		67.7	72.4	67.7	78.9	67.7	85.4
37"		58.2	60.8	58.2	66.2	58.2	71.7
42"		53.6	55.2	53.6	60.1	53.6	65.0
48"		49.6	50.3	49.6	54.8	49.6	59.3
19-1/8"	84"	80.7	80.7	87.0	87.9	87.0	95.1
26-1/2"		59.3	59.3	64.7	64.7	66.1	69.9
30"		53.0	53.0	57.8	57.8	59.8	62.5
37"		44.2	44.2	48.2	48.2	51.1	52.1
42"		39.9	39.9	43.5	43.5	46.8	47.0
53-1/8"		32.0	32.0	34.9	34.9	37.7	37.7
19-1/8"	90"	65.4	65.4	71.3	71.3	77.1	77.1
26-1/2"		48.0	48.0	52.3	52.3	56.6	56.6
30"		42.8	42.8	46.7	46.7	50.5	50.5
37"		35.6	35.6	38.8	38.8	41.9	41.9
42"		32.0	32.0	34.9	34.9	37.7	37.7
53-1/8"		29.1	29.1	31.7	31.7	34.2	34.2
19-1/8"	96"	53.8	53.8	58.6	58.6	63.4	63.4
26-1/2"		39.4	39.4	42.9	42.9	46.4	46.4
30"		35.1	35.1	38.2	38.2	41.4	41.4
37"		29.1	29.1	31.7	31.7	34.2	34.2

FOR OTHER PERIMETER ANCHORS REFER TO CORRESPONDING NOA'S. ANCHORING CONDITIONS VARYING FROM THOSE SHOWN IN THESE CALCULATIONS SUBJECT TO SEPARATE ENGINEERING REVIEW.



Engr: DR. HUMAYUN FAROOQ
STRUCTURES
FLA. PE # 16557
C.A.N. 3538
AUG 28 2008

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 08-0613.05
Expiration Date JUNE 12, 2013
By: *Muhammad Farooq*
Miami Trade Product Control
Division

afC
AL-FAROOQ CORPORATION
ENGINEERS & PRODUCT DEVELOPMENT
1235 S.W. 87 AVE
MIAMI, FLORIDA 33174
TEL (305) 264-8100 FAX (305) 262-6978
MULLION/M01-03UW

ALUMINUM TUBE MULLIONS
UNIVERSAL IMPACT WINDOWS & DOORS
1675 W. 31ST PLACE
HIALEAH, FL. 33012
TEL (305) 825-7900 FAX (305) 825-5805

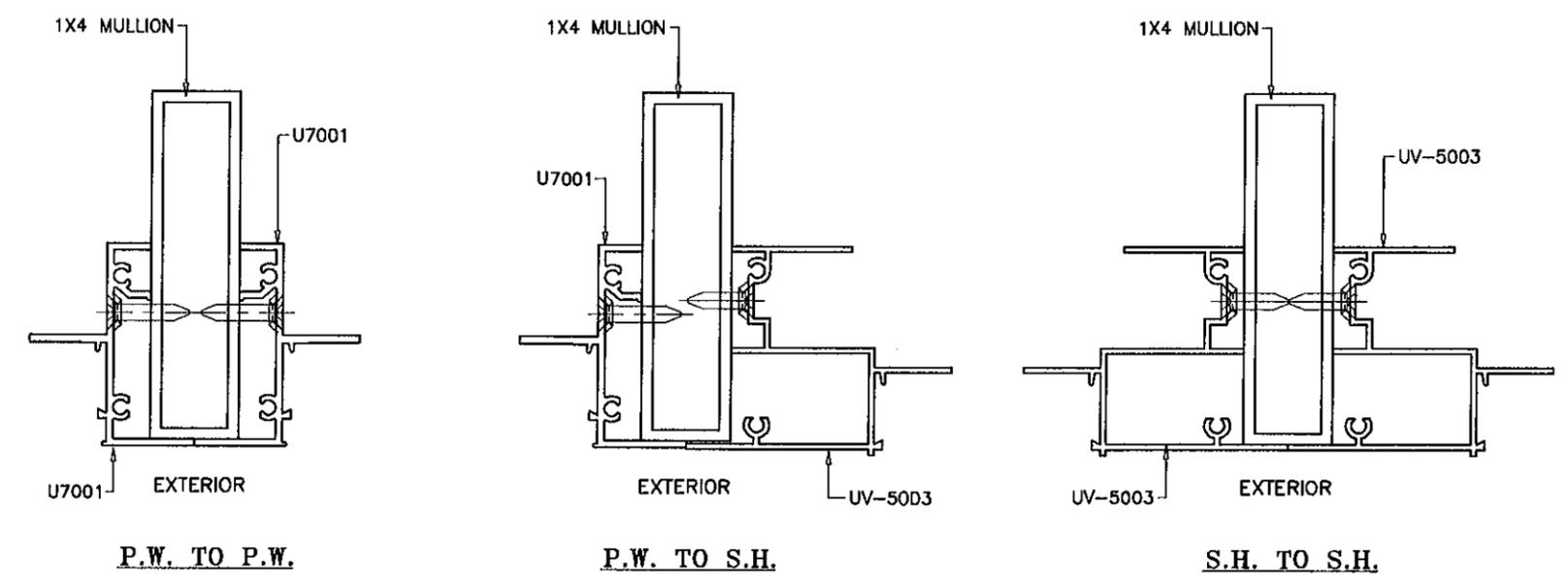
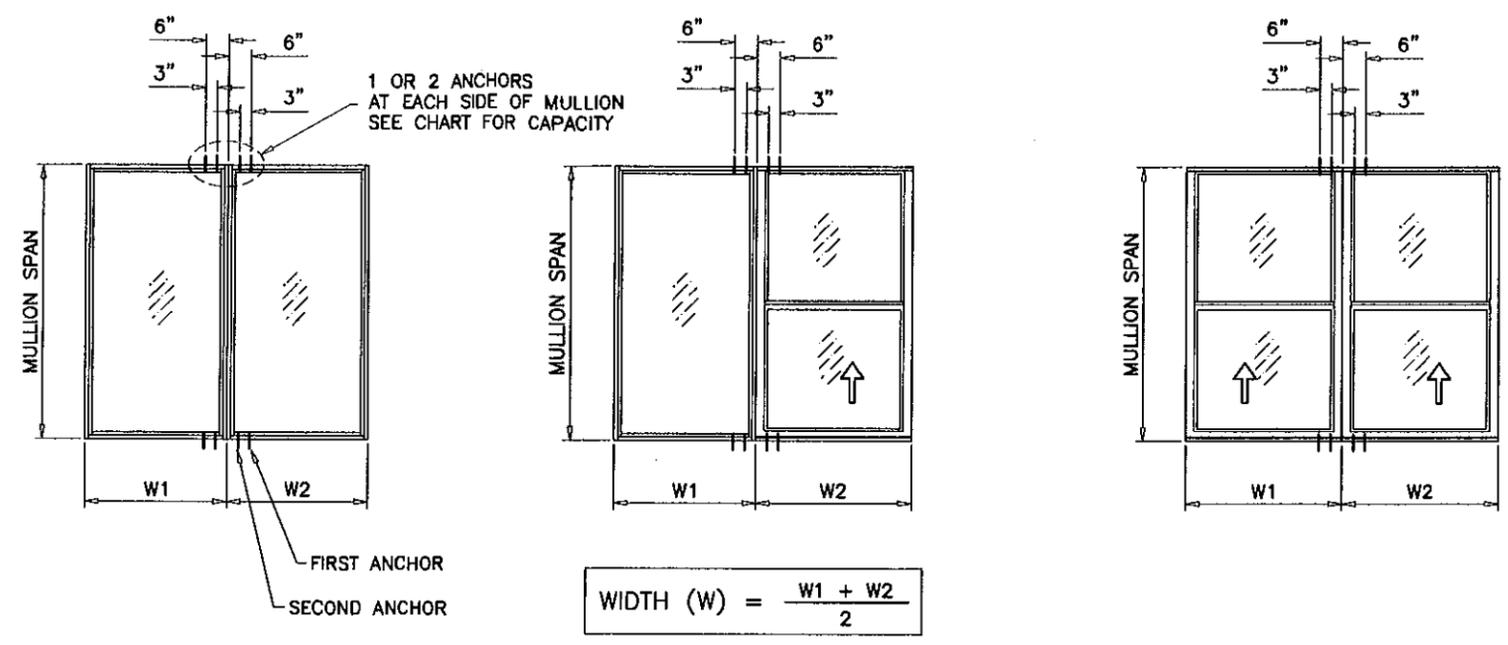
no	date	description
B	08.20.08	UPDATED FOR 2007 FEC

date: 10-15-01
scale: 1/2" = 1"
dr. by: HAMID
chk. by:

drawing no.
M01-03
sheet 2 of 4

DESIGN LOAD CAPACITY - PSF 1 X 4 TUBE MULLION							
WINDOW DIMS.		P.W. TO P.W.		P.W. TO S.H.		S.H. TO S.H.	
WIDTH (W)	MULL SPAN	1 ANCHOR EACH SIDE OF MULL	2 ANCHORS EACH SIDE OF MULL	1 ANCHOR EACH SIDE OF MULL	2 ANCHORS EACH SIDE OF MULL	1 ANCHOR EACH SIDE OF MULL	2 ANCHORS EACH SIDE OF MULL
19-1/8"	38-3/8"	150.0	150.0	150.0	150.0	150.0	150.0
26-1/2"		150.0	150.0	150.0	150.0	150.0	150.0
30"		150.0	150.0	150.0	150.0	150.0	150.0
37"		150.0	150.0	150.0	150.0	150.0	150.0
42"		150.0	150.0	150.0	150.0	150.0	150.0
48"		150.0	150.0	150.0	150.0	150.0	150.0
53-1/8"		150.0	150.0	150.0	150.0	150.0	150.0
19-1/8"	50-5/8"	150.0	150.0	150.0	150.0	150.0	150.0
26-1/2"		125.0	150.0	125.0	150.0	125.0	150.0
30"		115.9	150.0	115.9	150.0	115.9	150.0
37"		104.2	150.0	104.2	150.0	104.2	150.0
42"		99.5	150.0	99.5	150.0	99.5	150.0
48"		96.9	150.0	96.9	150.0	96.9	150.0
53-1/8"		96.6	150.0	96.6	150.0	96.6	150.0
19-1/8"	57"	136.5	150.0	136.5	150.0	136.5	150.0
26-1/2"		106.8	150.0	106.8	150.0	106.8	150.0
30"		98.3	150.0	98.3	150.0	98.3	150.0
37"		86.9	150.0	86.9	150.0	86.9	150.0
42"		81.9	150.0	81.9	150.0	81.9	150.0
48"		78.2	150.0	78.2	150.0	78.2	150.0
53-1/8"		76.6	150.0	76.6	150.0	76.6	150.0
19-1/8"	63"	121.2	150.0	121.2	150.0	121.2	150.0
26-1/2"		93.9	150.0	93.9	150.0	93.9	150.0
30"		86.0	150.0	86.0	150.0	86.0	150.0
37"		75.2	150.0	75.2	150.0	75.2	150.0
42"		70.2	140.4	70.2	140.4	70.2	140.4
48"		66.2	132.3	66.2	132.3	66.2	132.3
53-1/8"		64.0	128.0	64.0	128.0	64.0	128.0
19-1/8"	74-1/4"	100.1	150.0	100.1	150.0	100.1	150.0
26-1/2"		78.6	150.0	76.6	150.0	76.6	150.0
30"		69.7	135.9	69.7	139.3	69.7	139.3
37"		60.0	114.3	60.0	120.1	60.0	120.1
42"		55.4	103.8	55.4	109.2	55.4	110.7
48"		51.3	94.9	51.3	99.8	51.3	102.7
53-1/8"		48.9	89.4	48.9	94.0	48.9	97.8
19-1/8"	76"	97.5	150.0	97.5	150.0	97.5	150.0
26-1/2"		74.5	141.0	74.5	148.3	74.5	148.9
30"		67.7	126.3	67.7	132.8	67.7	135.3
37"		58.2	106.0	58.2	111.5	58.2	116.4
42"		53.6	96.2	53.6	101.2	53.6	106.1
48"		49.6	87.7	49.6	92.2	49.6	98.7
19-1/8"	84"	87.0	140.7	87.0	147.9	87.0	150.0
26-1/2"		66.1	103.5	66.1	108.8	66.1	114.1
30"		59.8	92.5	59.8	97.2	59.8	102.0
37"		51.1	77.1	51.1	81.1	51.1	85.0
42"		46.8	69.6	46.8	73.1	46.8	76.7
19-1/8"		90"	80.5	114.1	80.5	120.0	80.5
26-1/2"	60.9		83.7	60.9	88.0	60.9	92.3
30"	55.0		74.7	55.0	78.5	55.0	82.3
37"	48.8		62.0	46.8	65.2	46.8	68.4
42"	42.7		55.8	42.7	58.7	42.7	61.5
19-1/8"	96"		74.9	93.8	74.9	98.6	74.9
26-1/2"		56.5	68.7	56.5	72.2	56.5	75.7
30"		51.0	61.2	51.0	64.3	51.0	67.5
37"		43.2	50.7	43.2	53.3	43.2	55.9

FOR OTHER PERIMETER ANCHORS REFER TO CORRESPONDING NOA'S. ANCHORING CONDITIONS VARYING FROM THOSE SHOWN IN THESE CALCULATIONS SUBJECT TO SEPARATE ENGINEERING REVIEW.



Engr: DR. HUMAYOON FAROOQ
STRUCTURES
FLA. PE # 18557
C.A.N. 3538
AUG 28 2008
PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. DB-0613.05
Expiration Date JUNE 12, 2013
By: *Manuel Perez*
Miami/Dade Product Control
Division

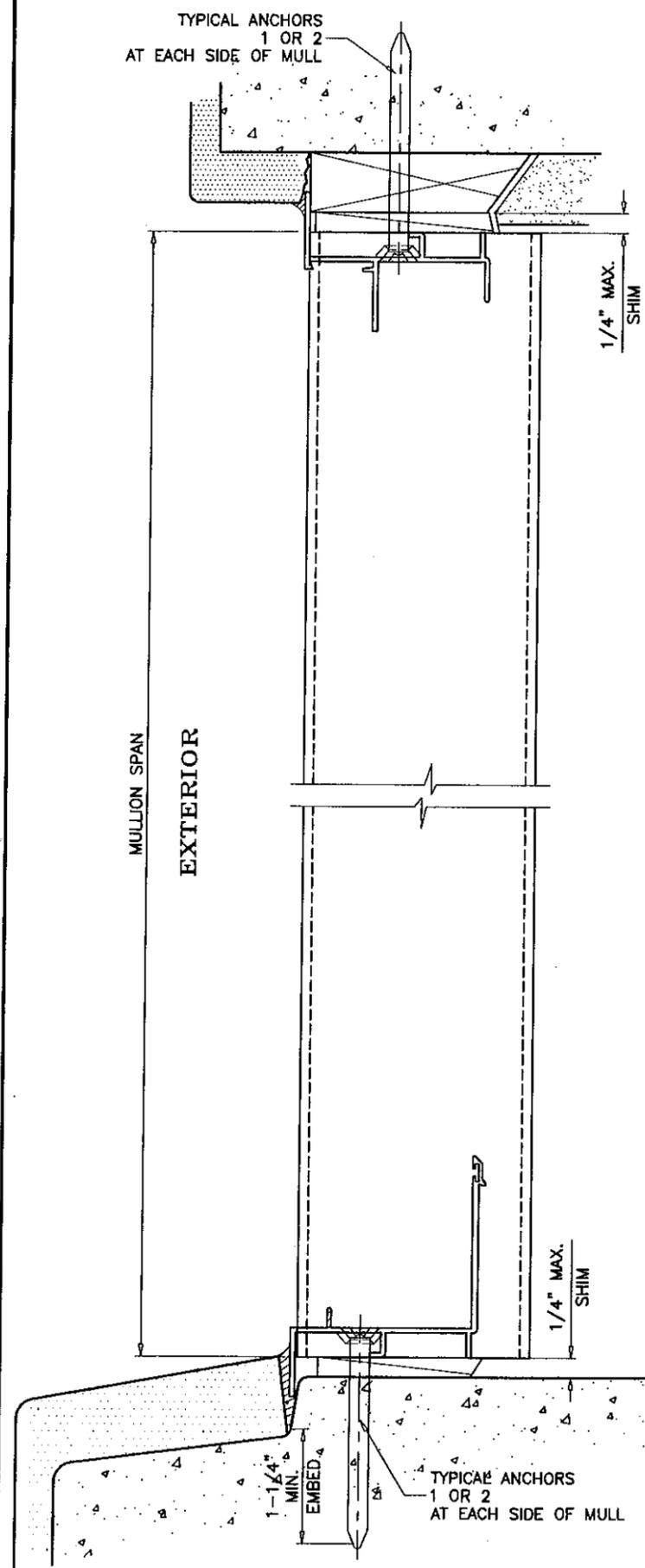
afC
AL-FAROOQ CORPORATION
ENGINEERS & PRODUCT DEVELOPMENT
1235 S.W. 87 AVE
MIAMI, FLORIDA 33174
TEL (305) 264-8100 FAX (305) 262-6978
MULLION\M01-03UW

ALUMINUM TUBE MULLIONS
UNIVERSAL IMPACT WINDOWS & DOORS
1675 W. 31ST PLACE
HIALEAH, FL. 33012
TEL (305) 825-7900 FAX (305) 825-5805

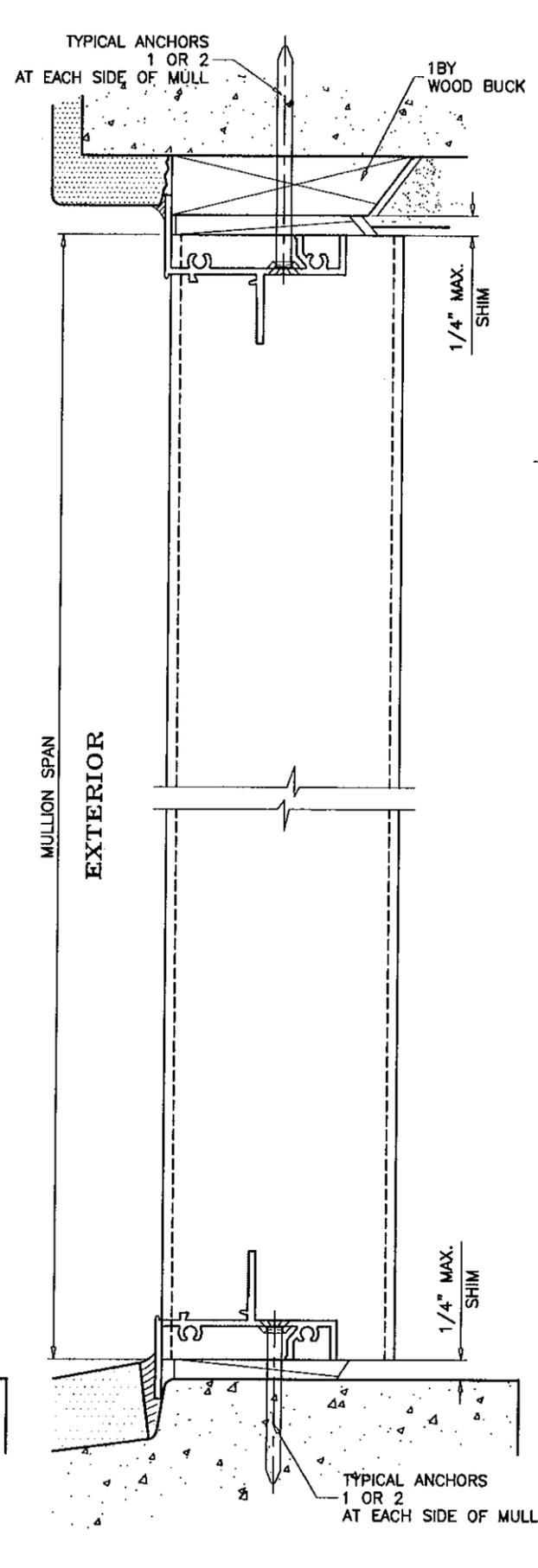
no	date	by	description
B	08.20.08		UPDATED FOR 2007 FBC

date: 10-15-01
scale: 1/2" = 1"
dr. by: HAMID
chk. by:

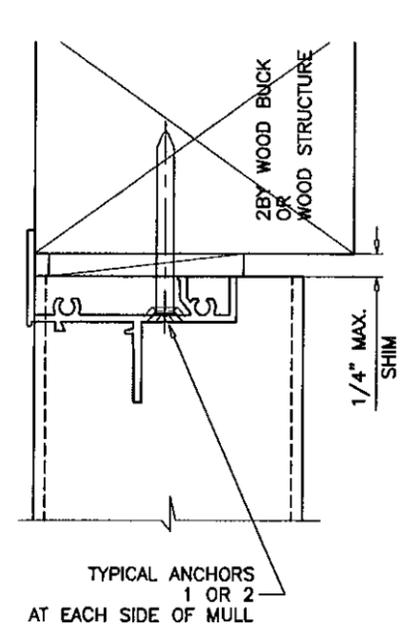
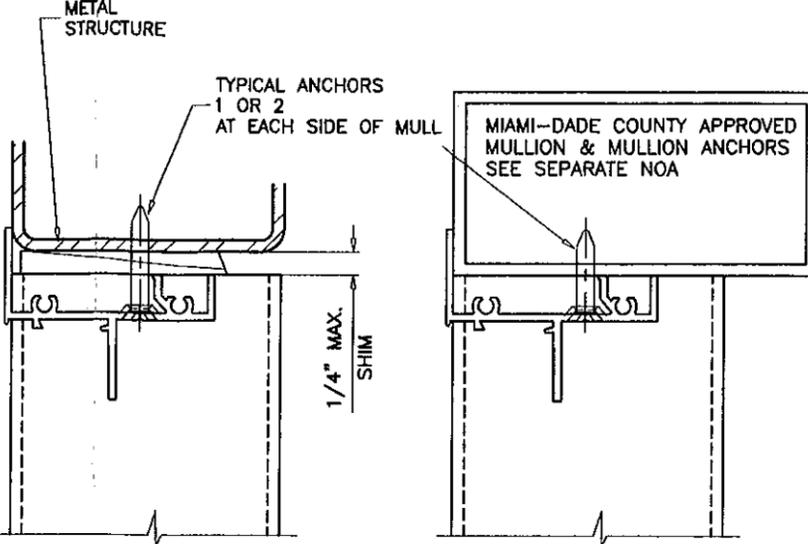
drawing no.
M01-03
sheet 3 of 4



SINGLE HUNG WINDOW



FIXED WINDOW



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

TYPICAL ANCHORS:
 1/4" DIA. TAPCONS BY 'ITW'
 1/4" DIA. ULTRACON 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)

#10 SMS OR SELF DRILLING SCREWS
 INTO MIAMI-DADE COUNTY APPROVED MULLIONS (MIN. THK. = .090")
 (NO SHIM SPACE)

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

CONCRETE f'c = 3000 PSI MIN.
 MASONRY f'm = 1500 PSI MIN.

Engr. DR. HUMAYOUN FAROOQ
 STRUCTURES
 FLA. PE # 10557
 G.A.N. 3538

PRODUCT REVISED
 as complying with the Florida
 Building Code
 Acceptance No. **08-0613.05**
 Expiration Date, **JUNE 12, 2013**

By *Manuel Perez*
 Miami Dade Product Control
 Division
 AUG 28 2008

af c
AL-FAROOQ CORPORATION
 ENGINEERS & PRODUCT DEVELOPMENT
 1235 S.W. 87 AVE
 MIAMI, FLORIDA 33174
 TEL. (305) 264-8100 FAX. (305) 262-6978
 MULLION\M01-03UW

ALUMINUM TUBE MULLIONS
UNIVERSAL IMPACT WINDOWS & DOORS
 1675 W. 31ST PLACE
 HIALEAH, FL. 33012
 TEL (305) 825-7900 FAX (305) 825-5805

no	date	description
B	08.20.08	UPDATED FOR 2007 FBC

date: 10-15-01
 scale: 1/2" = 1"
 dr. by: HAMID
 chk. by:

drawing no.
M01-03
 sheet 4 of 4