MIAMI-DADE

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)

Dade Metals Corporation
200 N.W. 22nd Street
Miami, FL 33127-4811

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 High Velocity Hurricane Zone of the Florida Building Code.

DESCRIPTION: Series "S-2000 Aluminum Picture Windows" Aluminum Fixed Window

APPROVAL DOCUMENT: Drawing No. **W98-33,** dated 04/29/98, with revision C dated 08/14/02, titled "S-2000 Aluminum Picture Windows", sheets 1 through 8, 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: 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.

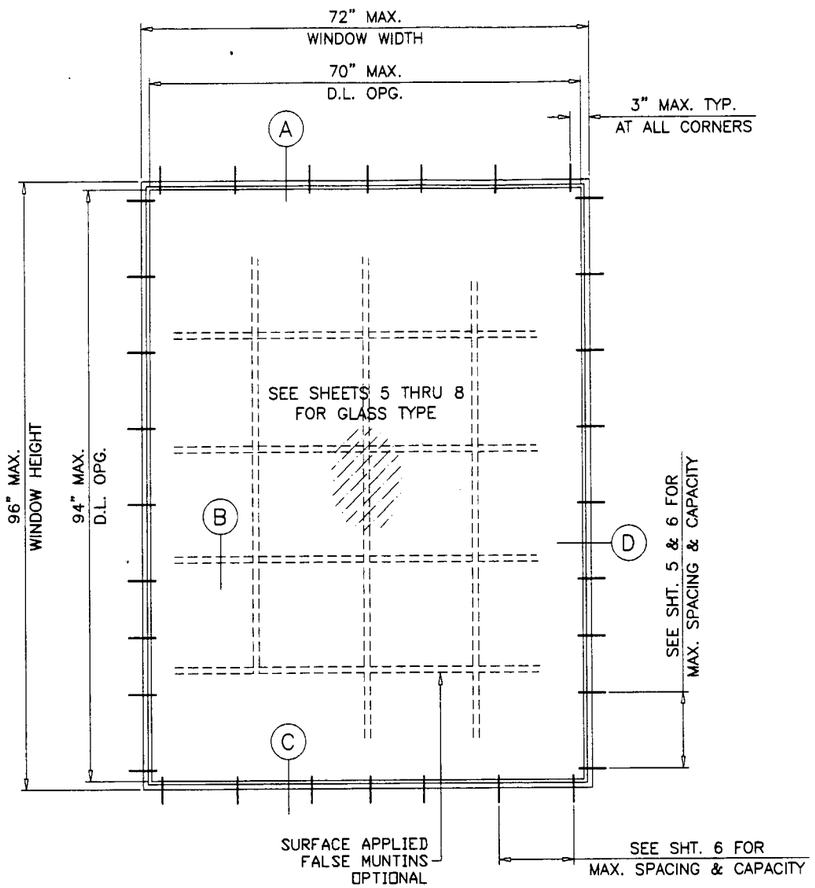
RENEWAL of this NOA shall be considered after a renewal application has been filed and there has been no change in the applicable building code negatively affecting the performance of this product.

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 **renews and revises NOA # 99-0513.03** and consists of this page 1 as well as approval document mentioned above.
The submitted documentation was reviewed by **Jaime Eisen, P.E.**

PRODUCT CONTROL ACCEPTED



TYPICAL ELEVATION

INSTRUCTIONS:

STEP 1 FOR A GIVEN WINDOW SIZE, LOCATION AND BUILDING HEIGHT CALCULATE POSITIVE AND NEGATIVE DESIGN LOAD AS PER ASCE 7.

STEP 2 SELECT GLASS AND FRAME TYPES FROM CHARTS.

STEP 3 FROM CHART SELECTED ABOVE, FOR THE NEXT NEAREST WIDTH AND HEIGHT DRAW A HORIZONTAL LINE AND READ ALLOWABLE POSITIVE AND NEGATIVE LOAD CAPACITY FOR THE SELECTED GLASS AND FRAME TYPE/SPACING.

STEP 4 CHECK TO MAKE SURE THAT ALLOWABLE DESIGN CAPACITY IS EQUAL OR MORE THAN REQUIRED DESIGN LOADS DETERMINED IN STEP 1.

WINDOWS TO BE PROTECTED WITH DADE COUNTY APPROVED IMPACT RESISTANT SHUTTERS

NOTES:

1. THIS PRODUCT IS DESIGNED TO COMPLY WITH THE HIGH VELOCITY HURRICANE ZONE OF THE 2001 FLORIDA BUILDING CODE. ALSO FOR WIND LOADS AS PER ASCE 7 USING CORRESPONDING LOADS.
2. WOOD BUCKS BY OTHERS, MUST BE ANCHORED PROPERLY TO TRANSFER LOADS TO THE STRUCTURE.
3. ANCHORS SHALL BE AS LISTED, SPACED AS SHOWN ON DETAILS. ANCHOR EMBEDMENT TO BASE MATERIAL SHALL BE BEYOND WALL DRESSING OR STUCCO.

Engr: DR. HUMAYOUN FAROOQ
STRUCTURES
FLA. PE # 16557

SEP 06 2002

PRODUCT REVISED
as complying with the Florida Building Code
Acceptance No 02-0826.09
Expiration Date 09/23/07
By [illegible]
Miami Dade Product Control Division

AL-FAROOQ CORPORATION
ENGINEERS, PLANNERS & PRODUCT DESIGN
1235 SW 87 AVE
MIAMI, FLORIDA 33174
TEL. (305) 264-8100 FAX. (305) 262-6978
COMP-ANL\W98-33DMC

S-2000 ALUMINUM PICTURE WINDOWS

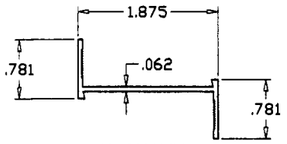
DADE METALS CORPORATION
200 N.W. 22 ND STREET
MIAMI, FL 33127-4811
TEL.(305) 573-8810 FAX.(305) 573-0663

revisions:

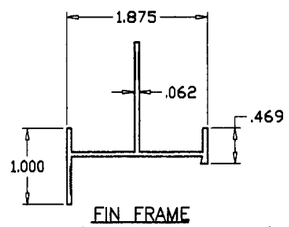
no	date	by	description
A	8.13.99		GENERAL REVISION
B	8.24.99		LOAD TABLES REVISED
C	8.14.02		CHARTS REV. PER ASTM E-1300

date: 04-29-98
scale: 1/2" = 1"
dr. by: HAMID
chk. by:

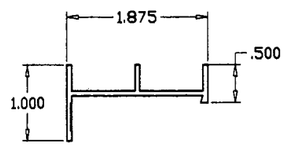
drawing no.
W98-33



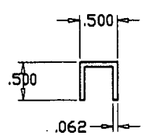
Z-FRAME
(OUTSIDE GLAZED WINDOW)
DM-901
6063-T5



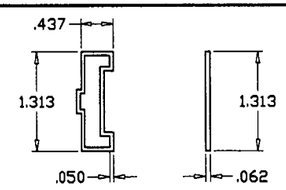
FIN FRAME
(OUTSIDE/INSIDE GLAZED WINDOW)
DM-903
6063-T5



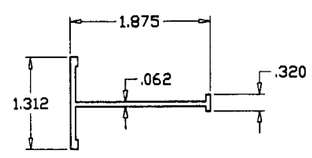
EQUAL LEG FRAME
(OUTSIDE/INSIDE GLAZED WINDOW)
DM-
6063-T5



GLAZING STOP
DM-
6063-T5

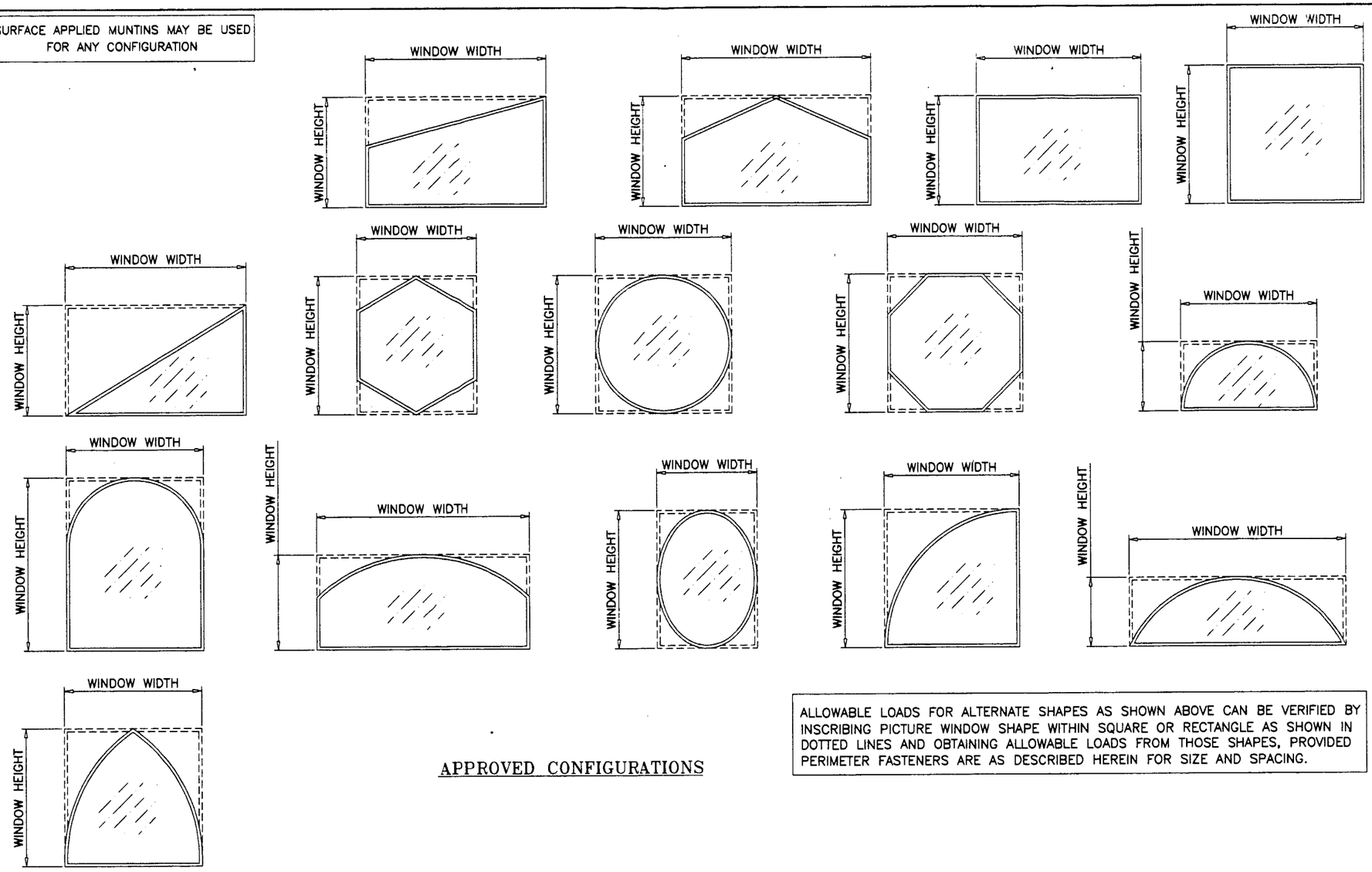


FALSE MUNTIN BAR
DM-
6063-T5



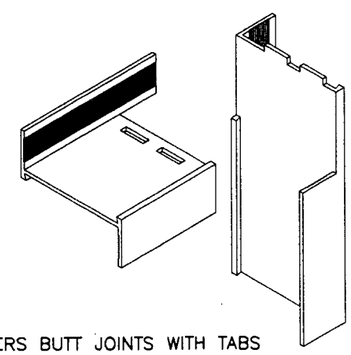
'T' FRAME
(INSIDE GLAZED WINDOW)
DM-
6063-T5

SURFACE APPLIED MUNTINS MAY BE USED FOR ANY CONFIGURATION



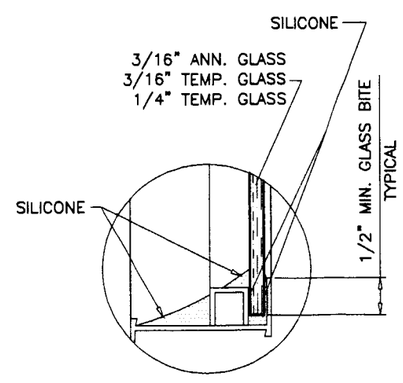
APPROVED CONFIGURATIONS

ALLOWABLE LOADS FOR ALTERNATE SHAPES AS SHOWN ABOVE CAN BE VERIFIED BY INSCRIBING PICTURE WINDOW SHAPE WITHIN SQUARE OR RECTANGLE AS SHOWN IN DOTTED LINES AND OBTAINING ALLOWABLE LOADS FROM THOSE SHAPES, PROVIDED PERIMETER FASTENERS ARE AS DESCRIBED HEREIN FOR SIZE AND SPACING.



FRAME CORNERS BUTT JOINTS WITH TABS AND SEALED WITH CLEAR COLORED SEALANT

FRAME CORNER DETAIL



GLAZING DETAIL

Engr: DR. HUMAYOUN FAROOQ
STRUCTURES
FLA. PE # 16557

SEP 06 2007

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

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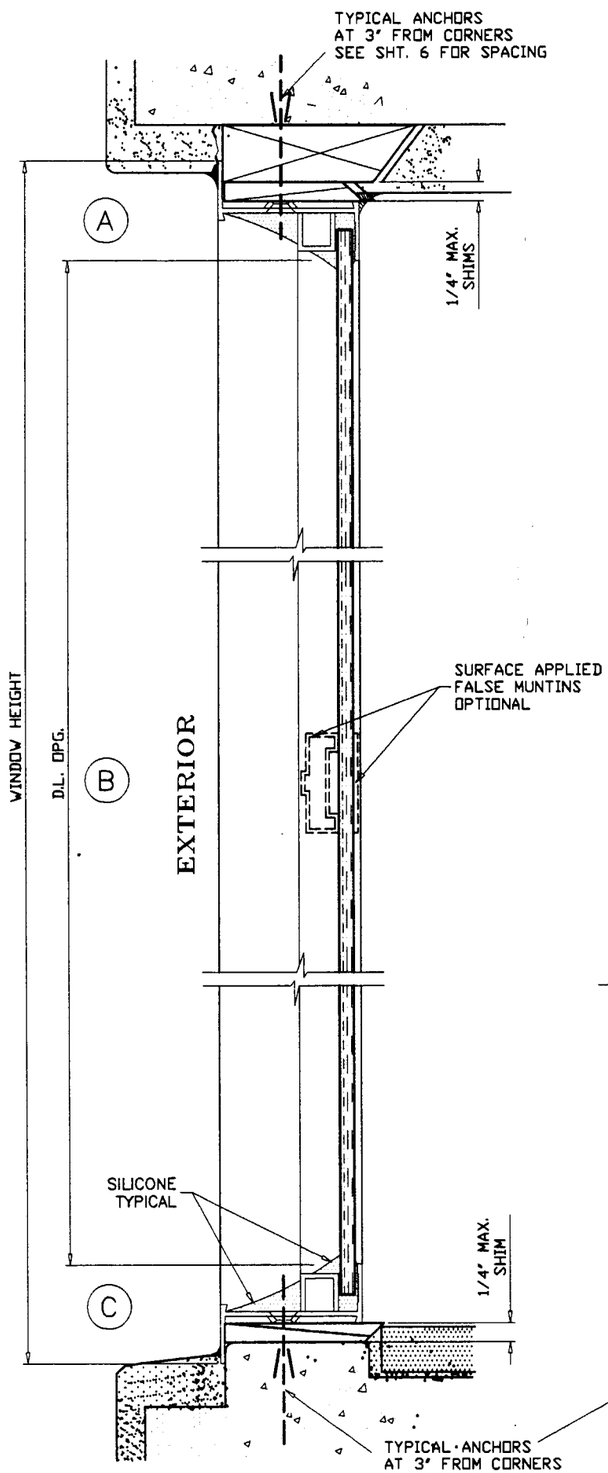
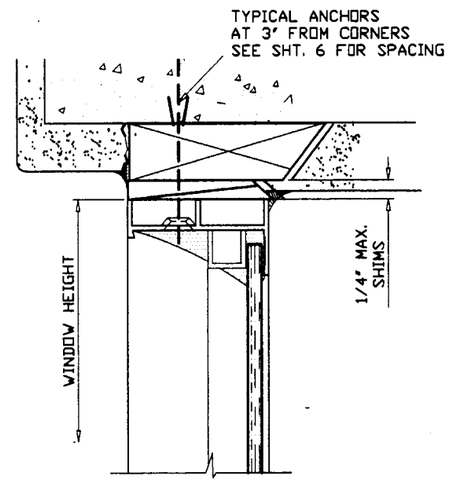
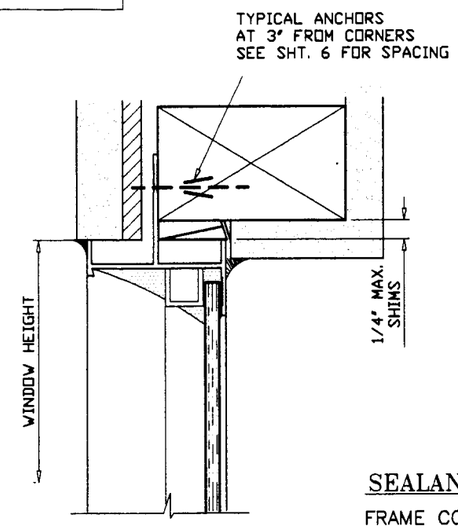
OUT-SIDE GLAZED WINDOW

WOOD BUCKS NOT BY DADE METALS, MUST SUSTAIN LOADS IMPOSED BY GLAZING SYSTEM AND TRANSFER THEM TO THE BUILDING STRUCTURE.





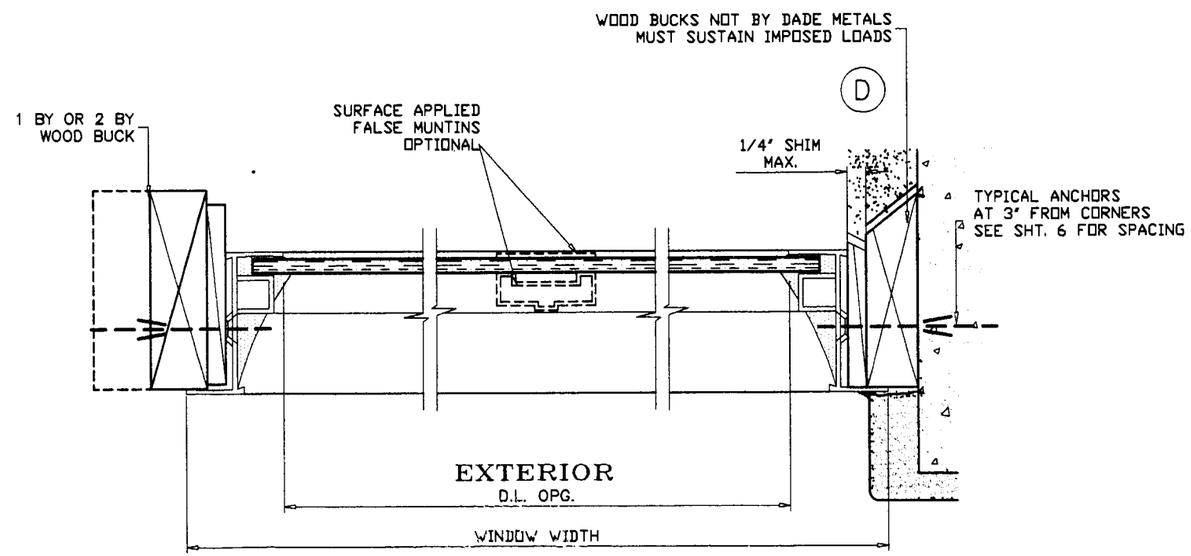
EQUAL LEG FRAME HEAD
JAMB & SILL SIMILAR



FIN FRAME HEAD
JAMB & SILL SIMILAR

SEALANT:

FRAME CORNERS, INSTALLATION SCREWS AND GLAZING BEAD TO FRAME AND GLASS SEALED WITH METAL COLORED SILICONE



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SEP 06 2002

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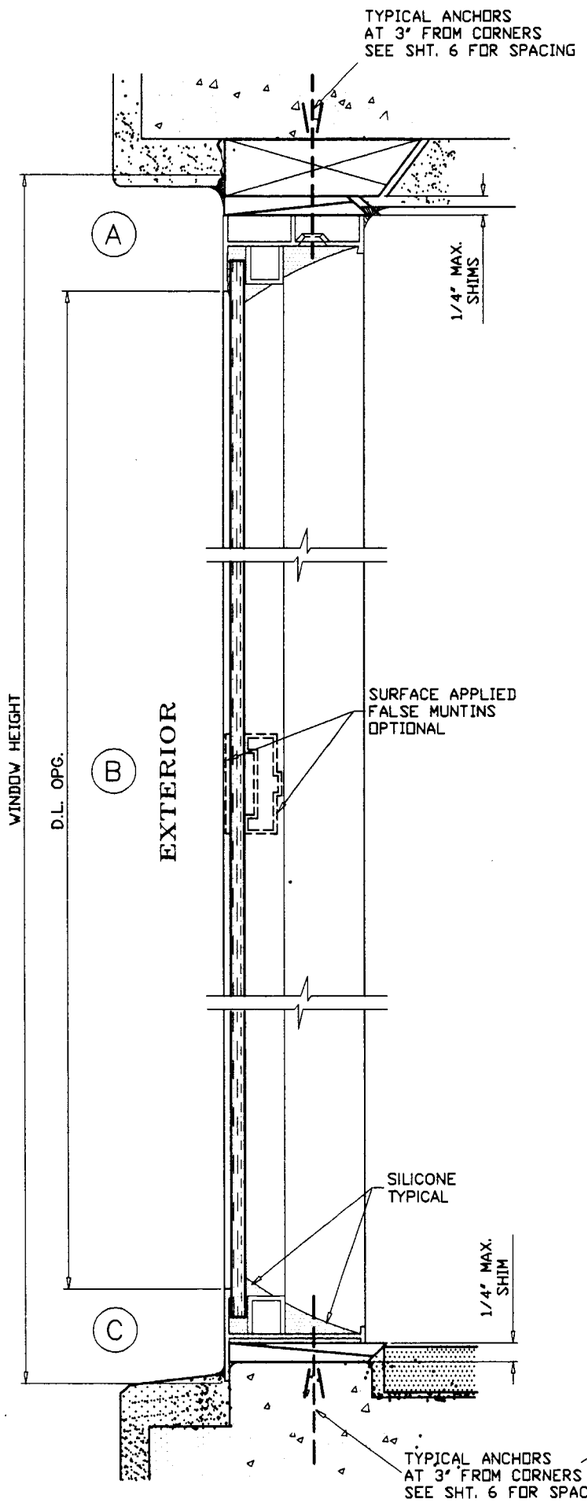
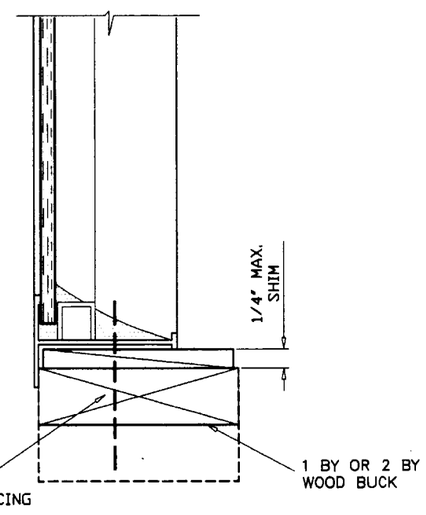
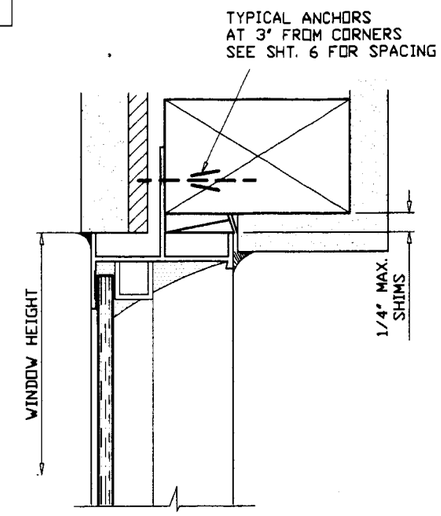
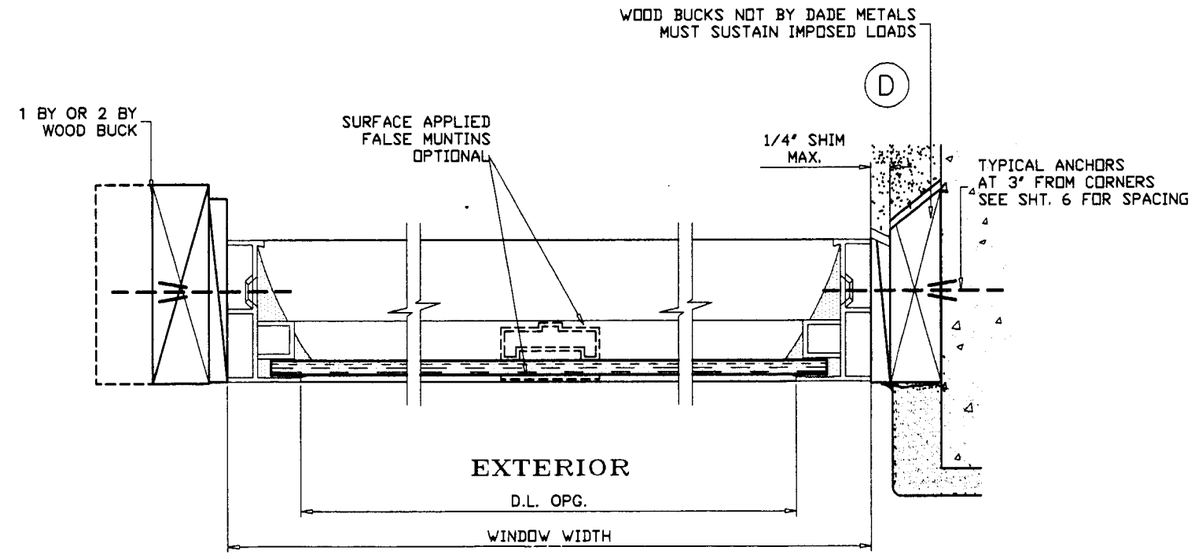
IN-SIDE GLAZED WINDOW







FIN FRAME HEAD
JAMB & SILL SIMILAR



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DESIGN LOAD CAPACITY – PSF

'Z' FRAME WINDOWS FITTED WITH

WINDOW DIMS.		3/16"-ANN. GLASS & FASTENERS AT						3/16"-TEMP. GLASS & FASTENERS AT						1/4"-TEMP. GLASS & FASTENERS AT					
		12" O.C.		9" O.C.		6" O.C.		12" O.C.		9" O.C.		6" O.C.		12" O.C.		9" O.C.		6" O.C.	
WIDTH UP TO	HEIGHT UP TO	EXT. (+)	INT. (−)	EXT. (+)	INT. (−)	EXT. (+)	INT. (−)	EXT. (+)	INT. (−)	EXT. (+)	INT. (−)	EXT. (+)	INT. (−)	EXT. (+)	INT. (−)	EXT. (+)	INT. (−)	EXT. (+)	INT. (−)
24"	24"	100.0	112.5	100.0	112.5	100.0	116.6	100.0	112.5	100.0	112.5	100.0	150.0	100.0	112.5	100.0	112.5	100.0	150.0
	36"	84.4	84.4	87.5	87.5	87.5	87.5	84.4	84.4	100.0	112.5	100.0	150.0	84.4	84.4	100.0	112.5	100.0	150.0
	48"	65.9	65.9	65.9	65.9	65.9	65.9	84.4	84.4	100.0	112.5	100.0	150.0	84.4	84.4	100.0	112.5	100.0	150.0
	60"	54.9	54.9	54.9	54.9	54.9	54.9	84.4	84.4	100.0	112.5	100.0	150.0	84.4	84.4	100.0	112.5	100.0	150.0
	72"	50.1	50.1	50.1	50.1	50.1	50.1	84.4	84.4	100.0	112.5	100.0	150.0	84.4	84.4	100.0	112.5	100.0	150.0
	84"	47.2	47.2	47.2	47.2	47.2	47.2	84.4	84.4	100.0	112.5	100.0	150.0	84.4	84.4	100.0	112.5	100.0	150.0
	96"	44.9	44.9	44.9	44.9	44.9	44.9	84.4	84.4	100.0	112.5	100.0	150.0	84.4	84.4	100.0	112.5	100.0	150.0
30"	24"	84.4	84.4	97.2	97.2	97.2	97.2	84.4	84.4	100.0	112.5	100.0	150.0	84.4	84.4	100.0	112.5	100.0	150.0
	36"	67.5	67.5	72.9	72.9	72.9	72.9	67.5	67.5	90.0	90.0	100.0	135.0	67.5	67.5	90.0	90.0	100.0	135.0
	48"	54.0	54.0	54.0	54.0	54.0	54.0	67.5	67.5	90.0	90.0	100.0	135.0	67.5	67.5	90.0	90.0	100.0	135.0
	60"	41.1	41.1	41.1	41.1	41.1	41.1	67.5	67.5	90.0	90.0	100.0	135.0	67.5	67.5	90.0	90.0	100.0	135.0
	72"	35.8	35.8	35.8	35.8	35.8	35.8	67.5	67.5	90.0	90.0	100.0	135.0	67.5	67.5	90.0	90.0	100.0	135.0
	84"	X	X	X	X	X	X	67.5	67.5	90.0	90.0	100.0	122.0	67.5	67.5	90.0	90.0	100.0	135.0
	96"	X	X	X	X	X	X	67.5	67.5	90.0	90.0	100.0	112.0	67.5	67.5	90.0	90.0	100.0	135.0
36"	24"	84.4	84.4	87.5	87.5	87.5	87.5	84.4	84.4	100.0	112.5	100.0	150.0	84.4	84.4	100.0	112.5	100.0	150.0
	36"	56.2	56.2	63.6	63.6	63.6	63.6	56.2	56.2	75.0	75.0	100.0	112.5	56.2	56.2	75.0	75.0	100.0	112.5
	48"	49.7	49.7	49.7	49.7	49.7	49.7	56.2	56.2	75.0	75.0	100.0	112.5	56.2	56.2	75.0	75.0	100.0	112.5
	60"	38.5	38.5	38.5	38.5	38.5	38.5	56.2	56.2	75.0	75.0	100.0	112.5	56.2	56.2	75.0	75.0	100.0	112.5
	72"	X	X	X	X	X	X	56.2	56.2	75.0	75.0	100.0	112.5	56.2	56.2	75.0	75.0	100.0	112.5
	84"	X	X	X	X	X	X	56.2	56.2	75.0	75.0	100.0	101.6	56.2	56.2	75.0	75.0	100.0	112.5
	96"	X	X	X	X	X	X	56.2	56.2	75.0	75.0	87.6	87.6	56.2	56.2	75.0	75.0	100.0	112.5
42"	24"	75.8	75.8	75.8	75.8	75.8	75.8	84.4	84.4	100.0	112.5	100.0	150.0	84.4	84.4	100.0	112.5	100.0	150.0
	36"	55.8	55.8	55.8	55.8	55.8	55.8	56.2	56.2	75.0	75.0	100.0	112.5	56.2	56.2	75.0	75.0	100.0	112.5
	48"	47.1	47.1	47.1	47.1	47.1	47.1	48.2	48.2	64.3	64.3	96.4	96.4	48.2	48.2	64.3	64.3	96.4	96.4
	60"	X	X	X	X	X	X	48.2	48.2	64.3	64.3	96.4	96.4	48.2	48.2	64.3	64.3	96.4	96.4
	72"	X	X	X	X	X	X	48.2	48.2	64.3	64.3	96.4	96.4	48.2	48.2	64.3	64.3	96.4	96.4
	84"	X	X	X	X	X	X	48.2	48.2	64.3	64.3	94.0	94.0	48.2	48.2	64.3	64.3	96.4	96.4
	96"	X	X	X	X	X	X	48.2	48.2	64.3	64.3	82.0	82.0	48.2	48.2	64.3	64.3	96.4	96.4
48"	24"	65.9	65.9	65.9	65.9	65.9	65.9	84.4	84.4	100.0	112.5	100.0	150.0	84.4	84.4	100.0	112.5	100.0	150.0
	36"	49.7	49.7	49.7	49.7	49.7	49.7	56.2	56.2	75.0	75.0	100.0	112.5	56.2	56.2	75.0	75.0	100.0	112.5
	48"	42.2	42.2	42.8	42.8	42.8	42.8	42.2	42.2	56.2	56.2	84.4	84.4	42.2	42.2	56.2	56.2	84.4	84.4
	60"	X	X	X	X	X	X	42.2	42.2	56.2	56.2	84.4	84.4	42.2	42.2	56.2	56.2	84.4	84.4
	72"	X	X	X	X	X	X	42.2	42.2	56.2	56.2	84.4	84.4	42.2	42.2	56.2	56.2	84.4	84.4
	84"	X	X	X	X	X	X	42.2	42.2	56.2	56.2	84.4	84.4	42.2	42.2	56.2	56.2	84.4	84.4
	96"	X	X	X	X	X	X	42.2	42.2	56.2	56.2	78.0	78.0	42.2	42.2	56.2	56.2	84.4	84.4
54"	24"	59.4	59.4	59.4	59.4	59.4	59.4	84.4	84.4	100.0	112.5	100.0	150.0	84.4	84.4	100.0	112.5	100.0	150.0
	36"	42.9	42.9	42.9	42.9	42.9	42.9	56.2	56.2	75.0	75.0	100.0	112.5	56.2	56.2	75.0	75.0	100.0	112.5
	48"	X	X	X	X	X	X	42.2	42.2	56.2	56.2	84.4	84.4	42.2	42.2	56.2	56.2	84.4	84.4
	60"	X	X	X	X	X	X	37.5	37.5	50.0	50.0	75.0	75.0	37.5	37.5	50.0	50.0	75.0	75.0
	72"	X	X	X	X	X	X	37.5	37.5	50.0	50.0	75.0	75.0	37.5	37.5	50.0	50.0	75.0	75.0
	84"	X	X	X	X	X	X	37.5	37.5	50.0	50.0	75.0	75.0	37.5	37.5	50.0	50.0	75.0	75.0
	96"	X	X	X	X	X	X	37.5	37.5	50.0	50.0	75.0	75.0	37.5	37.5	50.0	50.0	75.0	75.0
60"	24"	54.9	54.9	54.9	54.9	54.9	54.9	84.4	84.4	100.0	112.5	100.0	150.0	84.4	84.4	100.0	112.5	100.0	150.0
	36"	38.5	38.5	38.5	38.5	38.5	38.5	56.2	56.2	75.0	75.0	100.0	112.5	56.2	56.2	75.0	75.0	100.0	112.5
	48"	X	X	X	X	X	X	42.2	42.2	56.2	56.2	84.4	84.4	42.2	42.2	56.2	56.2	84.4	84.4
	60"	X	X	X	X	X	X	33.8	33.8	45.0	45.0	67.5	67.5	33.8	33.8	45.0	45.0	67.5	67.5
	72"	X	X	X	X	X	X	33.8	33.8	45.0	45.0	67.5	67.5	33.8	33.8	45.0	45.0	67.5	67.5
	84"	X	X	X	X	X	X	33.8	33.8	45.0	45.0	67.5	67.5	33.8	33.8	45.0	45.0	67.5	67.5
	96"	X	X	X	X	X	X	X	X	X	X	X	X	33.8	33.8	45.0	45.0	67.5	67.5
66"	24"	50.9	50.9	50.9	50.9	50.9	50.9	84.4	84.4	100.0	112.5	100.0	150.0	84.4	84.4	100.0	112.5	100.0	150.0
	36"	X	X	X	X	X	X	56.2	56.2	75.0	75.0	100.0	112.5	56.2	56.2	75.0	75.0	100.0	112.5
	48"	X	X	X	X	X	X	42.2	42.2	56.2	56.2	84.4	84.4	42.2	42.2	56.2	56.2	84.4	84.4
	60"	X	X	X	X	X	X	33.8	33.8	45.0	45.0	67.5	67.5	33.8	33.8	45.0	45.0	67.5	67.5
	72"	X	X	X	X	X	X	30.7	30.7	40.9	40.9	61.3	61.3	30.7	30.7	40.9	40.9	61.3	61.3
	84"	X	X	X	X	X	X	X	X	X	X	X	X	30.7	30.7	40.9	40.9	61.3	61.3
	96"	X	X	X	X	X	X	X	X	X	X	X	X	30.7	30.7	40.9	40.9	61.3	61.3
72"	24"	50.1	50.1	50.1	50.1	50.1	50.1	84.4	84.4	100.0	112.5	100.0	150.0	84.4	84.4	100.0	112.5	100.0	150.0
	36"	X	X	X	X	X	X	56.2	56.2	75.0	75.0	100.0	112.5	56.2	56.2	75.0	75.0	100.0	112.5
	48"	X	X	X	X	X	X	42.2	42.2	56.2	56.2	84.4	84.4	42.2	42.2	56.2	56.2	84.4	84.4
	60"	X	X	X	X	X	X	33.8	33.8	45.0	45.0	67.5	67.5	33.8	33.8	45.0	45.0	67.5	67.5
	72"	X	X	X	X	X	X	28.1	28.1	37.5	37.5	56.2	56.2	28.1	28.1	37.5	37.5	56.2	56.2
	84"	X	X	X	X	X	X	X	X	X	X	X	X	28.1	28.1	37.5	37.5	56.2	56.2
	96"	X	X	X	X	X	X	X	X	X	X	X	X	28.1	28.1	37.5	37.5	56.2	56.2

Engr: DR. HUMAYOUN FAROOQ
STRUCTURES
FLA. PE # 16557

SEP 06 2002

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 02-0826.09
Expiration Date 09/23/07
By
Miami-Dade Product Control
Division

TYPICAL ANCHORS:

INTO 2BY WOOD BUCKS OR WOOD STRUCTURE
3/16" TAPCONS WITH 1-3/8" MIN. PENETRATION INTO WOOD

THRU 1BY WOOD BUCKS INTO MASONRY OR DIRECTLY INTO MASONRY
3/16" DIA. TAPCONS WITH 1-1/4" MIN. EMBED INTO MASONRY

sheet 5 of 8

drawing no. W98-33

date: 04-29-98
scale: 1/2" = 1"
dr. by: HAMID
chk. by:

revisions:

no	date	by	description
C	8.14.02		CHARTS REV. PER ASTM E-1300

S-2000 ALUMINUM PICTURE WINDOWS

DADE METALS CORPORATION
200 N.W. 22 ND STREET
MIAMI, FL 33127-4811
TEL.(305) 573-8810 FAX.(305) 573-0663

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

COMP-ANL\W98-33DMC

DESIGN LOAD CAPACITY – PSF

'EQUAL LEG' FRAME WINDOWS FITTED WITH

WINDOW DIMS.		3/16"-ANN. GLASS & FASTENERS AT						3/16"-TEMP. GLASS & FASTENERS AT						1/4"-TEMP. GLASS & FASTENERS AT					
		12" O.C.		9" O.C.		6" O.C.		12" O.C.		9" O.C.		6" O.C.		12" O.C.		9" O.C.		6" O.C.	
WIDTH UP TO	HEIGHT UP TO	EXT. (+)	INT. (–)	EXT. (+)	INT. (–)	EXT. (+)	INT. (–)	EXT. (+)	INT. (–)	EXT. (+)	INT. (–)	EXT. (+)	INT. (–)	EXT. (+)	INT. (–)	EXT. (+)	INT. (–)	EXT. (+)	INT. (–)
24"	24"	112.5	112.5	112.5	112.5	116.6	116.6	112.5	112.5	112.5	112.5	133.0	150.0	112.5	112.5	112.5	112.5	133.0	150.0
	36"	84.4	84.4	87.5	87.5	87.5	87.5	84.4	84.4	112.5	112.5	133.0	150.0	84.4	84.4	112.5	112.5	133.0	150.0
	48"	65.9	65.9	65.9	65.9	65.9	65.9	84.4	84.4	112.5	112.5	133.0	150.0	84.4	84.4	112.5	112.5	133.0	150.0
	60"	54.9	54.9	54.9	54.9	54.9	54.9	84.4	84.4	112.5	112.5	133.0	150.0	84.4	84.4	112.5	112.5	133.0	150.0
	72"	50.1	50.1	50.1	50.1	50.1	50.1	84.4	84.4	112.5	112.5	133.0	150.0	84.4	84.4	112.5	112.5	133.0	150.0
	84"	47.2	47.2	47.2	47.2	47.2	47.2	84.4	84.4	112.5	112.5	133.0	150.0	84.4	84.4	112.5	112.5	133.0	150.0
	96"	44.9	44.9	44.9	44.9	44.9	44.9	84.4	84.4	112.5	112.5	133.0	150.0	84.4	84.4	112.5	112.5	133.0	150.0
30"	24"	84.4	84.4	97.2	97.2	97.2	97.2	84.4	84.4	112.5	112.5	133.0	150.0	84.4	84.4	112.5	112.5	133.0	150.0
	36"	67.5	67.5	72.9	72.9	72.9	72.9	67.5	67.5	90.0	90.0	133.0	135.0	67.5	67.5	90.0	90.0	133.0	135.0
	48"	54.0	54.0	54.0	54.0	54.0	54.0	67.5	67.5	90.0	90.0	133.0	135.0	67.5	67.5	90.0	90.0	133.0	135.0
	60"	41.1	41.1	41.1	41.1	41.1	41.1	67.5	67.5	90.0	90.0	133.0	135.0	67.5	67.5	90.0	90.0	133.0	135.0
	72"	35.8	35.8	35.8	35.8	35.8	35.8	67.5	67.5	90.0	90.0	133.0	135.0	67.5	67.5	90.0	90.0	133.0	135.0
	84"	X	X	X	X	X	X	67.5	67.5	90.0	90.0	122.0	122.0	67.5	67.5	90.0	90.0	133.0	135.0
	96"	X	X	X	X	X	X	67.5	67.5	90.0	90.0	112.0	112.0	67.5	67.5	90.0	90.0	133.0	135.0
36"	24"	84.4	84.4	87.5	87.5	87.5	87.5	84.4	84.4	112.5	112.5	133.0	150.0	84.4	84.4	112.5	112.5	133.0	150.0
	36"	56.2	56.2	63.6	63.6	63.6	63.6	56.2	56.2	75.0	75.0	112.5	112.5	56.2	56.2	75.0	75.0	112.5	112.5
	48"	49.7	49.7	49.7	49.7	49.7	49.7	56.2	56.2	75.0	75.0	112.5	112.5	56.2	56.2	75.0	75.0	112.5	112.5
	60"	38.5	38.5	38.5	38.5	38.5	38.5	56.2	56.2	75.0	75.0	112.5	112.5	56.2	56.2	75.0	75.0	112.5	112.5
	72"	X	X	X	X	X	X	56.2	56.2	75.0	75.0	112.5	112.5	56.2	56.2	75.0	75.0	112.5	112.5
	84"	X	X	X	X	X	X	56.2	56.2	75.0	75.0	101.6	101.6	56.2	56.2	75.0	75.0	112.5	112.5
	96"	X	X	X	X	X	X	56.2	56.2	75.0	75.0	87.6	87.6	56.2	56.2	75.0	75.0	112.5	112.5
42"	24"	75.8	75.8	75.8	75.8	75.8	75.8	84.4	84.4	112.5	112.5	133.0	150.0	84.4	84.4	112.5	112.5	133.0	150.0
	36"	55.8	55.8	55.8	55.8	55.8	55.8	56.2	56.2	75.0	75.0	112.5	112.5	56.2	56.2	75.0	75.0	112.5	112.5
	48"	47.1	47.1	47.1	47.1	47.1	47.1	48.2	48.2	64.3	64.3	96.4	96.4	48.2	48.2	64.3	64.3	96.4	96.4
	60"	X	X	X	X	X	X	48.2	48.2	64.3	64.3	96.4	96.4	48.2	48.2	64.3	64.3	96.4	96.4
	72"	X	X	X	X	X	X	48.2	48.2	64.3	64.3	96.4	96.4	48.2	48.2	64.3	64.3	96.4	96.4
	84"	X	X	X	X	X	X	48.2	48.2	64.3	64.3	94.0	94.0	48.2	48.2	64.3	64.3	96.4	96.4
	96"	X	X	X	X	X	X	48.2	48.2	64.3	64.3	82.0	82.0	48.2	48.2	64.3	64.3	96.4	96.4
48"	24"	65.9	65.9	65.9	65.9	65.9	65.9	84.4	84.4	112.5	112.5	133.0	150.0	84.4	84.4	112.5	112.5	133.0	150.0
	36"	49.7	49.7	49.7	49.7	49.7	49.7	56.2	56.2	75.0	75.0	112.5	112.5	56.2	56.2	75.0	75.0	112.5	112.5
	48"	42.2	42.2	42.8	42.8	42.8	42.8	42.2	42.2	56.2	56.2	84.4	84.4	42.2	42.2	56.2	56.2	84.4	84.4
	60"	X	X	X	X	X	X	42.2	42.2	56.2	56.2	84.4	84.4	42.2	42.2	56.2	56.2	84.4	84.4
	72"	X	X	X	X	X	X	42.2	42.2	56.2	56.2	84.4	84.4	42.2	42.2	56.2	56.2	84.4	84.4
	84"	X	X	X	X	X	X	42.2	42.2	56.2	56.2	84.4	84.4	42.2	42.2	56.2	56.2	84.4	84.4
	96"	X	X	X	X	X	X	42.2	42.2	56.2	56.2	78.0	78.0	42.2	42.2	56.2	56.2	84.4	84.4
54"	24"	59.4	59.4	59.4	59.4	59.4	59.4	84.4	84.4	112.5	112.5	133.0	150.0	84.4	84.4	112.5	112.5	133.0	150.0
	36"	42.9	42.9	42.9	42.9	42.9	42.9	56.2	56.2	75.0	75.0	112.5	112.5	56.2	56.2	75.0	75.0	112.5	112.5
	48"	X	X	X	X	X	X	42.2	42.2	56.2	56.2	84.4	84.4	42.2	42.2	56.2	56.2	84.4	84.4
	60"	X	X	X	X	X	X	37.5	37.5	50.0	50.0	75.0	75.0	37.5	37.5	50.0	50.0	75.0	75.0
	72"	X	X	X	X	X	X	37.5	37.5	50.0	50.0	75.0	75.0	37.5	37.5	50.0	50.0	75.0	75.0
	84"	X	X	X	X	X	X	37.5	37.5	50.0	50.0	75.0	75.0	37.5	37.5	50.0	50.0	75.0	75.0
	96"	X	X	X	X	X	X	37.5	37.5	50.0	50.0	75.0	75.0	37.5	37.5	50.0	50.0	75.0	75.0
60"	24"	54.9	54.9	54.9	54.9	54.9	54.9	84.4	84.4	112.5	112.5	133.0	150.0	84.4	84.4	112.5	112.5	133.0	150.0
	36"	38.5	38.5	38.5	38.5	38.5	38.5	56.2	56.2	75.0	75.0	112.5	112.5	56.2	56.2	75.0	75.0	112.5	112.5
	48"	X	X	X	X	X	X	42.2	42.2	56.2	56.2	84.4	84.4	42.2	42.2	56.2	56.2	84.4	84.4
	60"	X	X	X	X	X	X	33.8	33.8	45.0	45.0	67.5	67.5	33.8	33.8	45.0	45.0	67.5	67.5
	72"	X	X	X	X	X	X	33.8	33.8	45.0	45.0	67.5	67.5	33.8	33.8	45.0	45.0	67.5	67.5
	84"	X	X	X	X	X	X	33.8	33.8	45.0	45.0	67.5	67.5	33.8	33.8	45.0	45.0	67.5	67.5
	96"	X	X	X	X	X	X	X	X	X	X	X	X	33.8	33.8	45.0	45.0	67.5	67.5
66"	24"	50.9	50.9	50.9	50.9	50.9	50.9	84.4	84.4	112.5	112.5	133.0	150.0	84.4	84.4	112.5	112.5	133.0	150.0
	36"	X	X	X	X	X	X	56.2	56.2	75.0	75.0	112.5	112.5	56.2	56.2	75.0	75.0	112.5	112.5
	48"	X	X	X	X	X	X	42.2	42.2	56.2	56.2	84.4	84.4	42.2	42.2	56.2	56.2	84.4	84.4
	60"	X	X	X	X	X	X	33.8	33.8	45.0	45.0	67.5	67.5	33.8	33.8	45.0	45.0	67.5	67.5
	72"	X	X	X	X	X	X	30.7	30.7	40.9	40.9	61.3	61.3	30.7	30.7	40.9	40.9	61.3	61.3
	84"	X	X	X	X	X	X	X	X	X	X	X	X	30.7	30.7	40.9	40.9	61.3	61.3
	96"	X	X	X	X	X	X	X	X	X	X	X	X	30.7	30.7	40.9	40.9	61.3	61.3
72"	24"	50.1	50.1	50.1	50.1	50.1	50.1	84.4	84.4	112.5	112.5	133.0	150.0	84.4	84.4	112.5	112.5	133.0	150.0
	36"	X	X	X	X	X	X	56.2	56.2	75.0	75.0	112.5	112.5	56.2	56.2	75.0	75.0	112.5	112.5
	48"	X	X	X	X	X	X	42.2	42.2	56.2	56.2	84.4	84.4	42.2	42.2	56.2	56.2	84.4	84.4
	60"	X	X	X	X	X	X	33.8	33.8	45.0	45.0	67.5	67.5	33.8	33.8	45.0	45.0	67.5	67.5
	72"	X	X	X	X	X	X	28.1	28.1	37.5	37.5	56.2	56.2	28.1	28.1	37.5	37.5	56.2	56.2
	84"	X	X	X	X	X	X	X	X	X	X	X	X	28.1	28.1	37.5	37.5	56.2	56.2
	96"	X	X	X	X	X	X	X	X	X	X	X	X	28.1	28.1	37.5	37.5	56.2	56.2

Engr. DR. HUMAYOUN FAROOQ
STRUCTURES
FLA. PE # 16557

SEP 06 2002

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as complying with the Florida Building Code
Acceptance No. 02-0826.09
Expiration Date 09/23/07
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3/16" TAPCONS WITH 1-3/8" MIN. PENETRATION INTO WOOD

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3/16" DIA. TAPCONS WITH 1-1/4" MIN. EMBED INTO MASONRY

sheet 6 of 8
drawing no. W98-33

date: 04-29-98
scale: 1/2" = 1"
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no	date	by	description
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TEL.(305) 573-8810 FAX.(305) 573-0663

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MIAMI, FLORIDA 33174
TEL. (305) 264-8100 FAX. (305) 262-6978

afc

COMP-ANL\W98-33DMC

DESIGN LOAD CAPACITY – PSF

'T' FRAME WINDOWS FITTED WITH

WINDOW DIMS.		3/16"-ANN. GLASS & FASTENERS AT						3/16"-TEMP. GLASS & FASTENERS AT						1/4"-TEMP. GLASS & FASTENERS AT					
		12" O.C.		9" O.C.		6" O.C.		12" O.C.		9" O.C.		6" O.C.		12" O.C.		9" O.C.		6" O.C.	
WIDTH UP TO	HEIGHT UP TO	EXT. (+)	INT. (−)	EXT. (+)	INT. (−)	EXT. (+)	INT. (−)	EXT. (+)	INT. (−)	EXT. (+)	INT. (−)	EXT. (+)	INT. (−)	EXT. (+)	INT. (−)	EXT. (+)	INT. (−)	EXT. (+)	INT. (−)
24"	24"	80.0	112.5	80.0	112.5	80.0	116.6	80.0	112.5	80.0	112.5	80.0	150.0	80.0	112.5	80.0	112.5	80.0	150.0
	36"	80.0	84.4	80.0	87.5	80.0	87.5	80.0	84.4	80.0	112.5	80.0	150.0	80.0	84.4	80.0	112.5	80.0	150.0
	48"	65.9	65.9	65.9	65.9	65.9	65.9	80.0	84.4	80.0	112.5	80.0	150.0	80.0	84.4	80.0	112.5	80.0	150.0
	60"	54.9	54.9	54.9	54.9	54.9	54.9	80.0	84.4	80.0	112.5	80.0	150.0	80.0	84.4	80.0	112.5	80.0	150.0
	72"	50.1	50.1	50.1	50.1	50.1	50.1	80.0	84.4	80.0	112.5	80.0	150.0	80.0	84.4	80.0	112.5	80.0	150.0
	84"	47.2	47.2	47.2	47.2	47.2	47.2	80.0	84.4	80.0	112.5	80.0	150.0	80.0	84.4	80.0	112.5	80.0	150.0
	96"	44.9	44.9	44.9	44.9	44.9	44.9	80.0	84.4	80.0	112.5	80.0	150.0	80.0	84.4	80.0	112.5	80.0	150.0
30"	24"	80.0	84.4	80.0	97.2	80.0	97.2	80.0	84.4	80.0	112.5	80.0	150.0	80.0	84.4	80.0	112.5	80.0	150.0
	36"	67.5	67.5	72.9	72.9	72.9	72.9	67.5	67.5	80.0	90.0	80.0	135.0	67.5	67.5	80.0	90.0	80.0	135.0
	48"	54.0	54.0	54.0	54.0	54.0	54.0	67.5	67.5	80.0	90.0	80.0	135.0	67.5	67.5	80.0	90.0	80.0	135.0
	60"	41.1	41.1	41.1	41.1	41.1	41.1	67.5	67.5	80.0	90.0	80.0	135.0	67.5	67.5	80.0	90.0	80.0	135.0
	72"	35.8	35.8	35.8	35.8	35.8	35.8	67.5	67.5	80.0	90.0	80.0	135.0	67.5	67.5	80.0	90.0	80.0	135.0
	84"	X	X	X	X	X	X	67.5	67.5	80.0	90.0	80.0	122.0	67.5	67.5	80.0	90.0	80.0	135.0
	96"	X	X	X	X	X	X	67.5	67.5	80.0	90.0	80.0	112.0	67.5	67.5	80.0	90.0	80.0	135.0
36"	24"	80.0	84.4	80.0	87.5	80.0	87.5	80.0	84.4	80.0	112.5	80.0	150.0	80.0	84.4	80.0	112.5	80.0	150.0
	36"	56.2	56.2	63.6	63.6	63.6	63.6	56.2	56.2	75.0	75.0	80.0	112.5	56.2	56.2	75.0	75.0	80.0	112.5
	48"	49.7	49.7	49.7	49.7	49.7	49.7	56.2	56.2	75.0	75.0	80.0	112.5	56.2	56.2	75.0	75.0	80.0	112.5
	60"	38.5	38.5	38.5	38.5	38.5	38.5	56.2	56.2	75.0	75.0	80.0	112.5	56.2	56.2	75.0	75.0	80.0	112.5
	72"	X	X	X	X	X	X	56.2	56.2	75.0	75.0	80.0	112.5	56.2	56.2	75.0	75.0	80.0	112.5
	84"	X	X	X	X	X	X	56.2	56.2	75.0	75.0	80.0	101.6	56.2	56.2	75.0	75.0	80.0	112.5
	96"	X	X	X	X	X	X	56.2	56.2	75.0	75.0	80.0	87.6	56.2	56.2	75.0	75.0	80.0	112.5
42"	24"	75.8	75.8	75.8	75.8	75.8	75.8	80.0	84.4	80.0	112.5	80.0	150.0	80.0	84.4	80.0	112.5	80.0	150.0
	36"	55.8	55.8	55.8	55.8	55.8	55.8	56.2	56.2	75.0	75.0	80.0	112.5	56.2	56.2	75.0	75.0	80.0	112.5
	48"	47.1	47.1	47.1	47.1	47.1	47.1	48.2	48.2	64.3	64.3	80.0	96.4	48.2	48.2	64.3	64.3	80.0	96.4
	60"	X	X	X	X	X	X	48.2	48.2	64.3	64.3	80.0	96.4	48.2	48.2	64.3	64.3	80.0	96.4
	72"	X	X	X	X	X	X	48.2	48.2	64.3	64.3	80.0	96.4	48.2	48.2	64.3	64.3	80.0	96.4
	84"	X	X	X	X	X	X	48.2	48.2	64.3	64.3	80.0	94.0	48.2	48.2	64.3	64.3	80.0	96.4
	96"	X	X	X	X	X	X	48.2	48.2	64.3	64.3	80.0	82.0	48.2	48.2	64.3	64.3	80.0	96.4
48"	24"	65.9	65.9	65.9	65.9	65.9	65.9	80.0	84.4	80.0	112.5	80.0	150.0	80.0	84.4	80.0	112.5	80.0	150.0
	36"	49.7	49.7	49.7	49.7	49.7	49.7	56.2	56.2	75.0	75.0	80.0	112.5	56.2	56.2	75.0	75.0	80.0	112.5
	48"	42.2	42.2	42.8	42.8	42.8	42.8	42.2	42.2	56.2	56.2	80.0	84.4	42.2	42.2	56.2	56.2	80.0	84.4
	60"	X	X	X	X	X	X	42.2	42.2	56.2	56.2	80.0	84.4	42.2	42.2	56.2	56.2	80.0	84.4
	72"	X	X	X	X	X	X	42.2	42.2	56.2	56.2	80.0	84.4	42.2	42.2	56.2	56.2	80.0	84.4
	84"	X	X	X	X	X	X	42.2	42.2	56.2	56.2	80.0	84.4	42.2	42.2	56.2	56.2	80.0	84.4
	96"	X	X	X	X	X	X	42.2	42.2	56.2	56.2	78.0	78.0	42.2	42.2	56.2	56.2	80.0	84.4
54"	24"	59.4	59.4	59.4	59.4	59.4	59.4	80.0	84.4	80.0	112.5	80.0	150.0	80.0	84.4	80.0	112.5	80.0	150.0
	36"	42.9	42.9	42.9	42.9	42.9	42.9	56.2	56.2	75.0	75.0	80.0	112.5	56.2	56.2	75.0	75.0	80.0	112.5
	48"	X	X	X	X	X	X	42.2	42.2	56.2	56.2	80.0	84.4	42.2	42.2	56.2	56.2	80.0	84.4
	60"	X	X	X	X	X	X	37.5	37.5	50.0	50.0	75.0	75.0	37.5	37.5	50.0	50.0	75.0	75.0
	72"	X	X	X	X	X	X	37.5	37.5	50.0	50.0	75.0	75.0	37.5	37.5	50.0	50.0	75.0	75.0
	84"	X	X	X	X	X	X	37.5	37.5	50.0	50.0	75.0	75.0	37.5	37.5	50.0	50.0	75.0	75.0
	96"	X	X	X	X	X	X	37.5	37.5	50.0	50.0	75.0	75.0	37.5	37.5	50.0	50.0	75.0	75.0
60"	24"	54.9	54.9	54.9	54.9	54.9	54.9	80.0	84.4	80.0	112.5	80.0	150.0	80.0	84.4	80.0	112.5	80.0	150.0
	36"	38.5	38.5	38.5	38.5	38.5	38.5	56.2	56.2	75.0	75.0	80.0	112.5	56.2	56.2	75.0	75.0	80.0	112.5
	48"	X	X	X	X	X	X	42.2	42.2	56.2	56.2	80.0	84.4	42.2	42.2	56.2	56.2	80.0	84.4
	60"	X	X	X	X	X	X	33.8	33.8	45.0	45.0	67.5	67.5	33.8	33.8	45.0	45.0	67.5	67.5
	72"	X	X	X	X	X	X	33.8	33.8	45.0	45.0	67.5	67.5	33.8	33.8	45.0	45.0	67.5	67.5
	84"	X	X	X	X	X	X	33.8	33.8	45.0	45.0	67.5	67.5	33.8	33.8	45.0	45.0	67.5	67.5
	96"	X	X	X	X	X	X	X	X	X	X	X	X	33.8	33.8	45.0	45.0	67.5	67.5
66"	24"	50.9	50.9	50.9	50.9	50.9	50.9	80.0	84.4	80.0	112.5	80.0	150.0	80.0	84.4	80.0	112.5	80.0	150.0
	36"	X	X	X	X	X	X	56.2	56.2	75.0	75.0	80.0	112.5	56.2	56.2	75.0	75.0	80.0	112.5
	48"	X	X	X	X	X	X	42.2	42.2	56.2	56.2	80.0	84.4	42.2	42.2	56.2	56.2	80.0	84.4
	60"	X	X	X	X	X	X	33.8	33.8	45.0	45.0	67.5	67.5	33.8	33.8	45.0	45.0	67.5	67.5
	72"	X	X	X	X	X	X	30.7	30.7	40.9	40.9	61.3	61.3	30.7	30.7	40.9	40.9	61.3	61.3
	84"	X	X	X	X	X	X	X	X	X	X	X	X	30.7	30.7	40.9	40.9	61.3	61.3
	96"	X	X	X	X	X	X	X	X	X	X	X	X	30.7	30.7	40.9	40.9	61.3	61.3
72"	24"	50.1	50.1	50.1	50.1	50.1	50.1	80.0	84.4	80.0	112.5	80.0	150.0	80.0	84.4	80.0	112.5	80.0	150.0
	36"	X	X	X	X	X	X	56.2	56.2	75.0	75.0	80.0	112.5	56.2	56.2	75.0	75.0	80.0	112.5
	48"	X	X	X	X	X	X	42.2	42.2	56.2	56.2	80.0	84.4	42.2	42.2	56.2	56.2	80.0	84.4
	60"	X	X	X	X	X	X	33.8	33.8	45.0	45.0	67.5	67.5	33.8	33.8	45.0	45.0	67.5	67.5
	72"	X	X	X	X	X	X	28.1	28.1	37.5	37.5	56.2	56.2	28.1	28.1	37.5	37.5	56.2	56.2
	84"	X	X	X	X	X	X	X	X	X	X	X	X	28.1	28.1	37.5	37.5	56.2	56.2
	96"	X	X	X	X	X	X	X	X	X	X	X	X	28.1	28.1	37.5	37.5	56.2	56.2

SEP 06 2002

Engr: DR. HUMAYOUN FAROOQ
STRUCTURES
FLA. PE # 16557

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No 02-0826.09
Expiration Date 09/23/07
By
Miami Dade Product Control
Division

TYPICAL ANCHORS:

INTO 2BY WOOD BUCKS OR WOOD STRUCTURE
3/16" TAPCONS WITH 1-3/8" MIN. PENETRATION INTO WOOD

THRU 1BY WOOD BUCKS INTO MASONRY OR DIRECTLY INTO MASONRY
3/16" DIA. TAPCONS WITH 1-1/4" MIN. EMBED INTO MASONRY

sheet 7 of 8
drawing no. W98-33
date: 04-29-98
scale: 1/2" = 1"
dr. by: HAMID
chk. by:

revisions:

no	date	by	description
C	8.14.02		CHARTS REV. PER ASTM E-1300

S-2000 ALUMINUM PICTURE WINDOWS

DADE METALS CORPORATION
200 N.W. 22 ND STREET
MIAMI, FL 33127-4811
TEL.(305) 573-8810 FAX.(305) 573-0663

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

COMP-ANL\W98-33DMC

DESIGN LOAD CAPACITY – PSF							
		'FIN' FRAME WINDOWS FITTED WITH					
		3/16"-ANN. GLASS & FASTENERS AT		3/16"-TEMP. GLASS & FASTENERS AT		1/4"-TEMP. GLASS & FASTENERS AT	
WINDOW DIMS.		12" O.C.		12" O.C.		12" O.C.	
WIDTH UP TO	HEIGHT UP TO	EXT. (+)	INT. (–)	EXT. (+)	INT. (–)	EXT. (+)	INT. (–)
24"	24"	80.0	116.6	80.0	122.9	80.0	122.9
	36"	80.0	87.5	80.0	92.2	80.0	92.2
	48"	65.9	65.9	80.0	92.2	80.0	92.2
	60"	54.9	54.9	80.0	92.2	80.0	92.2
	72"	50.1	50.1	80.0	92.2	80.0	92.2
	84"	47.2	47.2	80.0	92.2	80.0	92.2
	96"	44.9	44.9	80.0	92.2	80.0	92.2
30"	24"	80.0	92.2	80.0	92.2	80.0	92.2
	36"	72.9	72.9	73.8	73.8	73.8	73.8
	48"	54.0	54.0	73.8	73.8	73.8	73.8
	60"	41.1	41.1	73.8	73.8	73.8	73.8
	72"	35.8	35.8	73.8	73.8	73.8	73.8
	84"	X	X	73.8	73.8	73.8	73.8
	96"	X	X	73.8	73.8	73.8	73.8
36"	24"	80.0	87.5	80.0	92.2	80.0	92.2
	36"	61.5	61.5	61.5	61.5	61.5	61.5
	48"	49.7	49.7	61.5	61.5	61.5	61.5
	60"	38.5	38.5	61.5	61.5	61.5	61.5
	72"	X	X	61.5	61.5	61.5	61.5
	84"	X	X	61.5	61.5	61.5	61.5
	96"	X	X	61.5	61.5	61.5	61.5
42"	24"	75.8	75.8	80.0	92.2	80.0	92.2
	36"	55.8	55.8	61.5	61.5	61.5	61.5
	48"	47.1	47.1	52.7	52.7	52.7	52.7
	60"	X	X	52.7	52.7	52.7	52.7
	72"	X	X	52.7	52.7	52.7	52.7
	84"	X	X	52.7	52.7	52.7	52.7
	96"	X	X	52.7	52.7	52.7	52.7
48"	24"	65.9	65.9	80.0	92.2	80.0	92.2
	36"	49.7	49.7	61.5	61.5	61.5	61.5
	48"	42.8	42.8	46.1	46.1	46.1	46.1
	60"	X	X	46.1	46.1	46.1	46.1
	72"	X	X	46.1	46.1	46.1	46.1
	84"	X	X	46.1	46.1	46.1	46.1
	96"	X	X	46.1	46.1	46.1	46.1
54"	24"	59.4	59.4	80.0	92.2	80.0	92.2
	36"	42.9	42.9	61.5	61.5	61.5	61.5
	48"	X	X	46.1	46.1	46.1	46.1
	60"	X	X	41.0	41.0	41.0	41.0
	72"	X	X	41.0	41.0	41.0	41.0
	84"	X	X	41.0	41.0	41.0	41.0
	96"	X	X	41.0	41.0	41.0	41.0
60"	24"	54.9	54.9	80.0	92.2	80.0	92.2
	36"	38.5	38.5	61.5	61.5	61.5	61.5
	48"	X	X	46.1	46.1	46.1	46.1
	60"	X	X	36.9	36.9	36.9	36.9
	72"	X	X	36.9	36.9	36.9	36.9
	84"	X	X	36.9	36.9	36.9	36.9
	96"	X	X	X	X	36.9	36.9
66"	24"	50.9	50.9	80.0	92.2	80.0	92.2
	36"	X	X	61.5	61.5	61.5	61.5
	48"	X	X	46.1	46.1	46.1	46.1
	60"	X	X	36.9	36.9	36.9	36.9
	72"	X	X	33.5	33.5	33.5	33.5
	84"	X	X	X	X	33.5	33.5
	96"	X	X	X	X	33.5	33.5
72"	24"	50.1	50.1	80.0	92.2	80.0	92.2
	36"	X	X	61.5	61.5	61.5	61.5
	48"	X	X	46.1	46.1	46.1	46.1
	60"	X	X	36.9	36.9	36.9	36.9
	72"	X	X	30.7	30.7	30.7	30.7
	84"	X	X	X	X	30.7	30.7
	96"	X	X	X	X	30.7	30.7

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 02-0826.09
Expiration Date 04/23/03
By
Miami-Dade Project Control
Division

SEP 06 2002

Engr: DR. HUMAYOUN FAROOQ
STRUCTURES
FLA. PE # 16557

TYPICAL ANCHORS:

INTO 2BY WOOD BUCKS OR WOOD STRUCTURE
3/16" TAPCONS WITH 1-3/8" MIN. PENETRATION INTO WOOD

THRU 1BY WOOD BUCKS INTO MASONRY OR DIRECTLY INTO MASONRY
3/16" DIA. TAPCONS WITH 1-1/4" MIN. EMBED INTO MASONRY

sheet 8 of 8 | drawing no. W98-33 | date: 04-29-98 | scale: 1/2" = 1" | dr. by: HAMID | chk. by:

revisions:

no	date	by	description
C	8.14.02		CHARTS REV. PER ASTM E-1300

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MIAMI, FLORIDA 33174
TEL. (305) 264-8100 FAX. (305) 262-6978

COMP-ANL\W98-33DMC