

GENERAL NOTES

1. PRIOR TO BEGINNING ANY WORK, THE CONTRACTOR AND SUB-CONTRACTORS SHALL INSPECT THE SITE TO BECOME FAMILIAR WITH ALL THE WORK AND VERIFY WITH THE ARCHITECT ANY ITEMS THAT ARE NOT FULLY UNDERSTOOD.
2. DURING DEMOLITION, THE CONTRACTOR SHALL TAKE ALL NECESSARY PRECAUTIONS TO PROTECT FROM DAMAGE ALL WORK THAT IS TO REMAIN.
3. THE JOB SITE SHALL BE KEPT IN A SAFE CONDITION AND CLEAR OF ALL DEBRIS. ALL DEBRIS SHALL BE PLACED IN A DUMPSTER AT THE END OF EACH WORK DAY AND THE DUMPSTER SHALL BE EMPLOYED WHEN FULL.
4. DURING CONSTRUCTION SHOULD THE CONTRACTOR UNCOVER ANY STRUCTURAL PROBLEM, NOTIFY THE ARCHITECT.
5. DO NOT SCALE DRAWINGS. USE FIGURED DIMENSIONS ONLY. CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CONDITIONS. IN THE EVENT OF CONFLICT, NOTIFY ARCHITECT BEFORE PROCEEDING.
6. ALL ROOF JOISTS, TRUSSES, OUTLOOKERS, BEAMS AND GIRDER SHALL BE SECURED WITH APPROVED METAL TIES, CLIPS, AND ANCHORS TO TIE BEAMS.
7. ALL WOOD IN CONTACT WITH CONCRETE SHALL BE PRESURE TREATED.
8. USE GALVANIZED NAILS ONLY FOR EXTERIOR WOOD WORK.
9. ALL STUCCO SCRATCH COATS SHALL BE ALLOWED 24 HOURS DRYING PERIOD.
10. SUBSTITUTIONS OF SPECIFIED PRODUCTS AND / OR MATERIALS BY WRITTEN REQUEST TO AND SUBJECT TO APPROVAL BY OWNER/ARCHITECT.
11. CONCRETE: SEE STRUCTURAL DRAWINGS.
12. REINFORCING STEEL: SEE STRUCTURAL DRAWINGS.
13. STRUCTURAL STEEL: SEE STRUCTURAL DRAWINGS.
14. WOOD: SEE STRUCTURAL DRAWINGS.
15. MASONRY WALLS: SEE STRUCTURAL DRAWINGS.
16. COORDINATION: COORDINATE ALL DIMENSIONS, ELEVATIONS, OPENINGS, AND DETAILS WITH ARCHITECTURAL AND MECHANICAL DRAWINGS. REPORT ANY CONFLICTS OR DISCREPANCIES TO OUR OFFICE. IN CASE OF CONFLICTS OR DISCREPANCIES, SUB-CONTRACTOR MUST ASSUME COSTLY SOLUTION DURING BIDDING UNLESS CLARIFICATION IS OBTAINED IN WRITING FROM THE ARCHITECT.
17. OWNER & CONTRACTOR NOTES: CHECKING OF SHOP DRAWINGS IS REQUIRED IF THIS OFFICE IS TO BE HELD RESPONSIBLE FOR THE STRUCTURAL ADEQUACY OF THE BUILDING.
18. SHORING, RE-SHORING & SAFETY PRACTICES: ALL SHORING AND RE-SHORING IS TO BE DESIGNED AND SPECIFIED BY FLORIDA LICENSED GENERAL CONTRACTOR. OUR OFFICE DOES NOT POSSESS, NOR PRETENDS TO POSSESS, ANY KNOWLEDGE OR EXPERTISE IN MATTERS RELATING TO JOB SAFETY, OSHA OR LABOR LAW REQUIREMENTS FOR A CONSTRUCTION PROJECT. SAFETY AND COMPLIANCE WITH OSHA AND LABOR LAWS IS THE ABSOLUTE RESPONSIBILITY OF THE GENERAL CONTRACTOR AND THOSE CONSULTANTS HE HIRERS TO ADDRESS THEM.

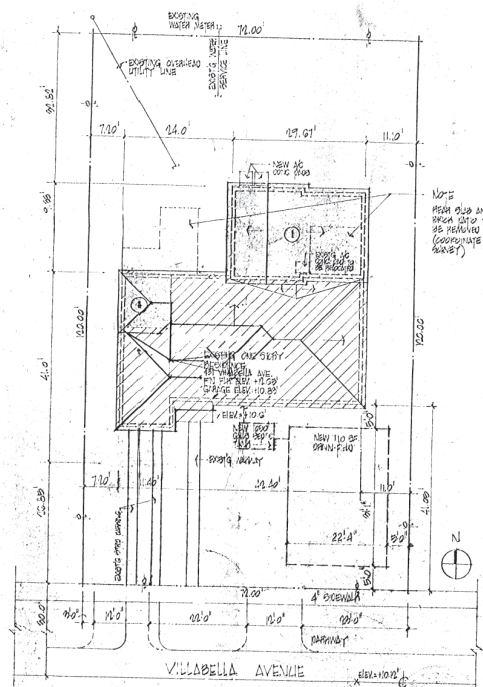
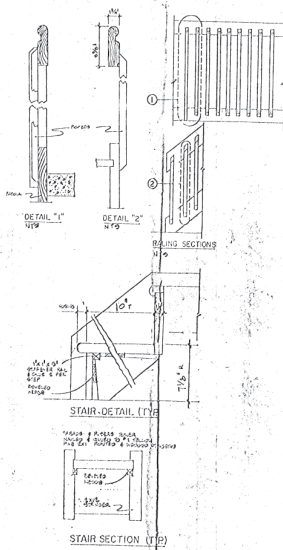
*** ALLOWANCES ***

1. PLUMBING FIXTURES AND FINISHES - 8,200 (ALLOWANCE)
2. CERAMIC TILE & FLOOR - 4,100/MT (ALLOWANCE) & WALL - 1.8 CO/MT (ALLOWANCE)
3. LIGHTING FIXTURES - 4,000 (ALLOWANCE)
4. PAPERHANG GREENEYES - 4,000 (ALLOWANCE)

ZONING INFORMATION

1. Land Area: 2,640 SQ FT
2. Lot Coverage Allowed: 3,024 SQ FT
3. F.A.R. Allowed: 3,674 SQ FT
4. F.A.R. Provided: 2,880 SQ FT
5. Set Backs:
 - Front: 10'-0"
 - Rear: 30'-4"
 - Side (RIGHT): 11'-0"
 - Side (LEFT): 7'-0"
6. Building Height: 11'-0"
7. Finish Floor Elevation at: 1'-0"
8. Impervious Area Green Area: 3,792 SQ FT
9. Total New Construction A/C: 1,097 SQ FT

DATE: 11/27/94
BY: JLB



SAFEGUARDS:

- (a) Railings, stair railings and other similar safeguards shall be designed to resist load of 50 pounds per linear foot applied in any direction at the top of any barrier.
- (b) Intermediate railings, balustrades, pickets and other like that the height of resisting a uniform horizontal load over the gross area of rail area than 25 cpmg per square foot without restriction by deflection, but not less than that required for any applicable code as set forth herein.
- (c) The main supporting members of such vertical barriers shall be designed and constructed to resist the forces set forth in Paragraphs (2)(2)(3)(4) and (5) herein, whichever control, but the reaction of these forces need not be added.
- (d) Handrails shall be designed and constructed to resist a load not less than 200 pounds applied in any direction at any point on the rail.

LEGAL DESCRIPTION:

421 VILABELLA AVE. CORAL GABLES, FL. 33134
 LOT 5 LESS THE WEST 17.00' AND THE WEST
 8.00' OF LOT 6, BLOCK 22,
 MAP BOOK 22, PAGE 31
 DEPT. COUNTY, FLORIDA.

SITE PLAN 1/4"=1'-0"

ADDITION & REMODELING
MILADY WHITE
 421 VILABELLA AVE CORAL GABLES FLA.

JORGE L. BERNAL
 A R C H I T E C T

DATE: 11/27/94
 DRAWN BY: JLB
 CHECKED BY: JLB
 SCALE: 1/4"=1'-0"

NOA
Date
Job
Descr

E/ 773.9
96036308

ONE

REVISION to
95090385 Permit
431 Villabella #
95090385

DATE	BY	DATE
8/2/99	9/2/99	
8/2/99	8/2/99	
8/2/99	8/2/99	

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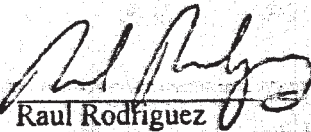
A792.

BUILDING CODE COMPLIANCE OFFICE
SUITE 1603
METRO-DADE FLAGLER BUILDING
140 WEST FLAGLER STREET
MIAMI, FLORIDA 33130-1563
(305) 375-2901
FAX (305) 375-2908PRODUCT CONTROL SECTION
(305) 375-2902
FAX (305) 372-6339**PRODUCT CONTROL NOTICE OF ACCEPTANCE**Security Aluminum Windows & Doors
5100 N.W. 72 Avenue
Miami, FL 33166

Your application for Product Approval of:
Series 2100 Aluminum Single Hung Window
under Chapter 8 of the Metropolitan Dade County Code governing the use of Alternate Materials and Types of Construction, and completely described in the plans, specifications and calculations as submitted by: *Applicant (For listing of submitted documentation, see Section 8 of this Notice of Acceptance)*

has been recommended for acceptance by the Building Code Compliance office to be used in Dade County, Florida under the specific conditions set forth on pages 2 et. seq. and the Standard Conditions on page 3.

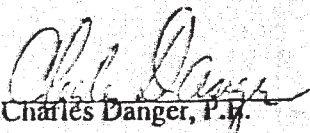
This approval shall not be valid after the expiration date stated below. The Office of Code Compliance reserves the right to secure this product or material at anytime from a jobsite or manufacturer's plant for quality control testing. If this product or material fails to perform in the approved manner, the Code Compliance Office may revoke, modify, or suspend the use of such product or material immediately. The applicant shall re-evaluate this product or material should any amendments to the South Florida Building Code be enacted affecting this product or material. The Building Code Compliance Office reserves the right to revoke this approval, if it is determined by the Building Code Compliance Office that this product or material fails to meet the requirements of the South Florida Building Code. The expense of such testing will be incurred by the manufacturer.

Acceptance No.: 95-0330.05Expires: 08/31/98

Raul Rodriguez
Product Control Supervisor

**THIS IS THE COVERSHEET, SEE ADDITIONAL PAGES FOR SPECIFIC AND GENERAL
CONDITIONS**

BUILDING CODE COMMITTEE

This application for Product Approval has been reviewed by the Metropolitan Dade County Building Code Compliance Department and approved by the Building Code Committee to be used in Dade County, Florida under the conditions set forth above.


Charles Danger, P.E.
Director
Building Code Compliance Dept.
Metropolitan Dade County
Approved: 08/31/95

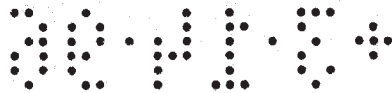
NOTICE OF ACCEPTANCE: SPECIFIC CONDITIONS**1. DESCRIPTION OF UNIT**

- 1.1 This approves an aluminum single hung window designed to comply with the South Florida Building Code, 1994 Edition for Dade County, for the locations where the pressure requirement, as determine by ASCE 7-88 "Minimum Design Loads for Buildings and Others Structures", do not exceed the Design Pressure Rating values in Section 7 and within the limitations contained in Section 3.
- 1.2 **Model Designation** Series "2100" Aluminum Single Hung Window
- 1.3 **Overall Size** 4' 7" wide by 7' 6" high by 2 1/4" deep (For other approved sizes please see section 9 of this approval)
- 1.4 **Configuration** O/X
- 1.5 **No. & Size of Vents:** Two vents measuring: 4' 4 1/8" wide x 3' 9 1/8" high

2. MATERIAL CHARACTERISTICS

- 2.1 **Frame and Sash Material:** Aluminum alloy 6063-T6.
- 2.2 **Glazing**
- 2.2.1 **Glazing Material:** 3/16" tempered, 3/16" anneled and 1/8" annealed (See chart in section 9 of this approval)
- 2.2.3 **Daylight Opening:** Two lites per vents with a clear opening of: Bottom Vent; 49 7/8" wide by 20 5/16" high. Fixed top vents; 51 1/2" by 20 3/8" high.
- 2.3 **Panel Construction:**
- 2.3.1 **Stiles:** Consist of a vent side of unequal legs 3/4" nominal exterior face and 1.075" interior face by 15/16" deep and .062" wall thickness aluminum extrusion.
- 2.3.2 **Rails:** Consist of a vent top 1.637" interior face and 1.262" exterior face by 1.109" deep and .062" wall thickness aluminum extrusion with one screw spline. Bottom vent 1 5/16" interior face with adapter and 1 7/16" exterior face by 15/16" deep and .062" wall thickness aluminum extrusion with one screw spline.
- 2.3.4 **Corner Construction:** Butt joint, each corner secured with one No. 8 by 1" sheet metal screw.
- 2.4 **Frame Corner Construction:**
- 2.4.1 **Head:** Unequal leg height 1" interior and 1 1/4" exterior face by 2 1/4" deep and .062" wall thickness aluminum channel shaped extrusion with a groove for pile.
- 2.4.2 **Jambs:** Unequal leg width 1 3/8" exterior and 1 1/4" interior face by 2 1/8" deep and .062" wall thickness extruded aluminum with two screw spline.
- 2.4.3 **Sill:** Aluminum extruded 2" nominal interior face and 15/16" exterior face by 2 1/8" deep and .062" wall thickness.
- 2.4.4 **Corner Construction:** Butt joints, each corner secured with two No 8 by 3/8" sheet metal screws.


Manuel Perez, P.E. Insps Examiner
Product Control Division



NOTICE OF ACCEPTANCE: SPECIFIC CONDITIONS

2.5 Weatherstripping:

Description	Quantity	Location
Pile with integral plastic fin	Single	Fixed meeting rail
Pile	Double	Vent jamb rails
Vinyl flap	Single	Aluminum applied adapter on the interior of exterior leg of vent bottom rail.

2.6 Hardware:

Description	Quantity	Location
Spring and pulley balances	Two	One per frame jamb
Metallic cam lock	Two	One 7" from each end of vent top rail, locking into extruded groove in fixed meeting rail.

2.7 Weepholes: None; 1/2" drain notch in each end of sill screen retainer. A 1/8" shim installed under each lower corner of screen to allow water to drain out.

2.8 Muntins: One horizontal muntin in vent and fixed light (2 over 2). The muntins are attached to vent jamb rails and frame jambs with tabs.

2.9 Reinforcement: None

2.10 Additional Description: 2" high overall interior sill flange used.

3. LIMITATIONS

3.1 This approval applies to single unit applications only, as shown in Section 10.

3.2 Units with dimensions smaller than those shown in Section 10 shall qualify under this approval.

3.3 For Design Pressure Rating see sections 7 and 9 of this approval.

4. INSTALLATION:

4.1 Screws and Method of Attachment

SILL : #10 x 1 3/4" PH SMS located 5" from corner and 21 1/2" o.c.

HEADER: #10 x 1 3/4" PH SMS located 5" from corner and 21 1/2" o.c.

JAMBS : #10 x 1 3/4" PH SMS located 5" from corner and 19 1/2" o.c.

Note: Please see note #11, Page 3

Manuel Perez
 Manuel Perez, P.E. Plans Examiner
 Product Control Division



NOTICE OF ACCEPTANCE: SPECIFIC CONDITIONS

4.2 Attachments of sub-bucks shall be designed by the Architect of Engineer of Records and must be in compliance with the South Florida Building Code.

4.3 For retrofit installations where the existing buck is less than the required 2" nominal; use concrete anchors instead of the fasteners above, the same amount and diameter and an appropriate length to go through the buck and penetrate at least 1 1/4" into the masonry structure.

4.4 Fasteners must have their own Notice of Acceptance and must be made of stainless steel or have adequate protection against corrosion, per DIN 50018. Aluminum contacting metals not considered compatible shall be properly protected.

5. IDENTIFICATION

5.1 Each unit shall bear a permanent label with the manufacturer's name or logo, city, state and following statement: "Dade County Product Control Approved".

6. USE

6.1 Application for building permit shall be accompanied by two copies of the following:

6.1.1 This Notice of Acceptance

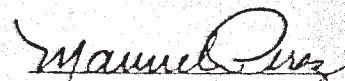
6.1.2 Completely dimensioned drawing showing size and location, including height above grade of opening to receive window, mean roof height, length and width of building.

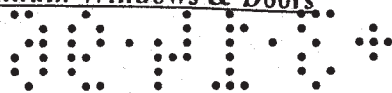
6.1.3 Manufacturer's installation instructions.

6.2 A copy of this approval as well as the manufacturer's installation instructions shall be provided to the permit applicant by the manufacturer or his distributors and shall be available for inspections at the jobsite at all time.

6.3 The Building Official shall ensure the adequacy of window to meet the pressure requirement of the opening in which it is to be installed.

6.4 Note: The installation of this unit will require a hurricane protective system.


Manuel Perez, P.E. Plans Examiner
Product Control Division



ACCEPTANCE No.: 95-0330.05

APPROVED : AUG 31 1995

EXPIRES : AUG 31 1998

NOTICE OF ACCEPTANCE: SPECIFIC CONDITIONS

7. TESTS PERFORMED

TEST	RESULTS	DESIGN LOADS
AIR INFILTRATION @ 1.57 PSF SFBC PA 202-94 (0.37 CFM/FT ²)	0.33 CFM/FT ² MTL-16355	-----
UNIFORM STATIC PRESSURE DESIGN LOADS SFBC PA 202-94 POSITIVE 30 Seconds (3/16" tempered)	+30.0 PSF MTL-16355	+30.0 PSF MTL-16355
UNIFORM STATIC PRESSURE DESIGN LOADS SFBC PA 202-94 NEGATIVE 30 Seconds (3/16" tempered)	-30.0 PSF MTL-16355	-30.0 PSF MTL-16355
WATER RESISTANCE (PSF) SFBC PA 202-94	+7.5 PSF MTL-16355	+50.0 PSF MTL-16355
UNIFORM STATIC PRESSURE FULL TEST LOAD AAMA E330 PA 202-94 POSITIVE 30 Seconds (3/16" tempered)	+33.3 PSF MTL-16355	+33.3 PSF MTL-16355
UNIFORM STATIC PRESSURE FULL TEST LOAD SFBC PA 202-94 NEGATIVE 30 Seconds (3/16" tempered)	-33.3 PSF MTL-16355	-33.3 PSF MTL-16355
FORCED-ENTRY RESISTANCE (FER) AAMA 1302.5-76	MTL-16355	-----
Design Pressure Rating (Positive)		+30.0 PSF
Design Pressure Rating (Negative)		-30.0 PSF

8. EVIDENCE SUBMITTED

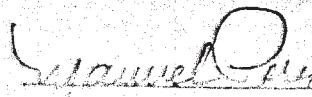
8.1 Tests:

- 8.1.1 Test reports on
 - 1) Air Infiltration Test, per PA 202-94
 - 2) Uniform Static Air Pressure Test, Loading per PA 202-94
 - 3) Water Resistance Test, per PA 202-94
 - 4) Forced Entry Resistance Test, per AAMA 1302.5-76.

along with installation diagram of an aluminum single hung window prepared by Miami Testing Laboratory report No. MTL-16355 dated March 24, 1995 signed and sealed by David G. Ober, P.E.

8.2 Drawing:

- 8.2.1 Manufacturer's die drawings and sections.


 Manuel Perez, P.E. Plans Examiner
 Product Control Division

NOTICE OF ACCEPTANCE: SPECIFIC CONDITIONS

9. COMPARATIVE ANALYSIS:

Window Width (in inches)	Window Height (in inches)	Design Loads-PSF Based on Glass Type & Thickness					
		3/16" Tempered		3/16" Annealed		1/4" Annealed	
		Ext. (+)	Int. (-)	Ext. (+)	Int. (-)	Ext. (+)	Int. (-)
19 1/8	17	50	454.2	50	376	50	329.7
26 1/2	17	50	316.7	50	262.3	50	230
37	17	50	221.4	50	183.3	50	160.7
53 1/8	17	50	151.4	50	125.3	50	109.9
19 1/8	26	50	318	50	263.3	50	230.9
26 1/2	26	50	217.1	50	179.8	50	157.6
37	26	50	149.6	50	123.8	50	108.6
53 1/8	26	50	101.2	50	83.8	50	73.5
19 1/8	38 3/8	50	238.7	50	197.7	50	173.3
26 1/2	38 3/8	50	157.6	50	130.5	50	114.4
37	38 3/8	50	106.2	50	87.9	50	77.1
53 1/8	38 3/8	50	70.8	50	58.6	50	51.4
19 1/8	50 1/8	50	202.6	50	167.8	50	147.1
26 1/2	50 1/8	50	128.5	50	106.4	50	93.3
37	50 1/8	50	84.5	50	70	50	61.4
53 1/8	50 1/8	50	55.4	45.9	45.9	40.2	40.2
19 1/8	63	50	185.2	50	153.3	50	134.4
26 1/2	63	50	111.9	50	92.6	50	81.2
37	63	50	71.5	50	59.2	50	51.9
53 1/8	63	46	46	38.1	38.1	33.4	33.4
19 1/8	74 1/4	50	179.6	50	148.7	50	130.4
26 1/2	74 1/4	50	102.7	50	85	50	74.5
37	74 1/4	50	63.8	50	52.8	46.3	46.3
53 1/8	74 1/4	40.3	40.3	33.4	33.4	28.7	28.7

Manuel Perez
Manuel Perez, P.E. Plans Examiner
Product Control Division

Security Aluminum Windows & Doors

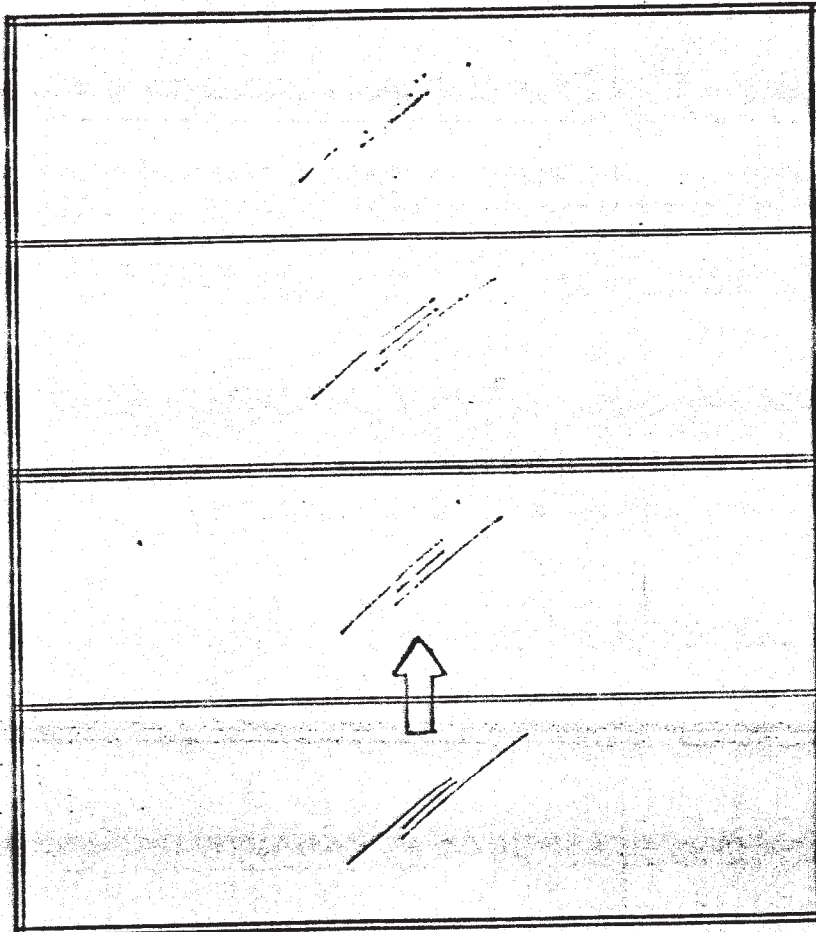
ACCEPTANCE No.: 95-0330.05

APPROVED : AUG 31 1995

EXPIRES : AUG 31 1998

NOTICE OF ACCEPTANCE: SPECIFIC CONDITIONS

10. TYPICAL ELEVATION:



Manuel Perez
Manuel Perez, P. E. Ph's Examiner
Product Control Division

ACCEPTANCE No.: 95-0330 05
 APPROVED : AUG 31 1995
 EXPIRES : AUG 31 1998

NOTICE OF ACCEPTANCE STANDARD CONDITIONS

1. Renewal of this Acceptance (approval) shall be considered after a renewal application has been filed and the original submitted documentation, including test supporting data, engineering documents, are no older than eight (8) years.
 2. Any and all approved products shall be permanently labeled with the manufacturer's name, city, state, and the following statement: "Dade County Product Control Approved", or as specifically stated in the specific conditions of this Acceptance.
 3. Renewals of Acceptance will not be considered if:
 - a) There has been a change in the South Florida Building Code affecting the evaluation of this product and the product is not in compliance with the code changes;
 - b) The product is no longer the same product (identical) as the one originally approved;
 - c) If the Acceptance holder has not complied with all the requirements of this acceptance, including the correct installation of the product;
 - d) The engineer who originally prepared, signed and sealed the required documentation initially submitted, is no longer practicing the engineering profession.
 4. Any revision or change in the materials, use, and/or manufacture of the product or process shall automatically be cause for termination of this Acceptance, unless prior written approval has been requested (through the filing of a revision application with appropriate fee) and granted by this office.
 5. Any of the following shall also be grounds for removal of this Acceptance:
 - a) Unsatisfactory performance of this product or process;
 - b) Misuse of this Acceptance as an endorsement of any product, for sales, advertising or any other purposes.
 6. The Notice of Acceptance number preceded by the words Dade County, Florida, and followed by the expiration date may be displayed in advertising literature. If any portion of the Notice of Acceptance is displayed, then it shall be done in its entirety.
 7. A copy of this Acceptance as well as approved drawings and other documents, where it applies, shall be provided to the user by the manufacturer or its distributors and shall be available for inspection at the job site at all times. The copies need not be resealed by the engineer.
 8. Failure to comply with any section of this Acceptance shall be cause for termination and removal of Acceptance.
 9. This Acceptance contains pages 1, 2, 2(a) through 2(e) and this last page 3.
- Items 10, 11 & 12 listed below only apply to glazed products**
10. Unless specifically indicated in the Acceptance (approval), this unit is approved as a single unit installation. For multiple installation of this unit, a separate Acceptance for mullions is required from the Product Control Section.
 11. The spacing of fasteners at window sills shall be as tested. The spacing of fasteners in all other parts of the frame, shall be as tested, but in no case shall exceed 24" on center. The first fastener shall be located at a maximum of 6" from each corner and mullion or stile. Fastener shall fully penetrate the buck, which shall be the same size as the one tested with the unit. No wood or plastic shields or pins shall be used for anchoring. See section four (4) of this approval for sizes of fasteners used in testing.
 12. Hardware for all windows and doors shall conform to Security and Forced Entry Prevention, Chapter 36 of the South Florida Building Code.

END OF THIS ACCEPTANCE

Manuel Perz
 Manuel Perz, P.E. Plans Examiner
 Product Control Division

DESIGN WIND PRESSURES FOR WINDOWS

[Signature]
 3-12-96

EXPOSURE: C
 CATEGORY: I
 V: 110 MPH
 I: 1.05

0-15' → $q_z = 27.32$ PSF
 15-20' → $q_z = 29.71$ PSF

- COMPONENTS & CLADDING

$p = q_z [G_Cp - G_Cpi]$; $G_Cpi = \pm 0.25$

$a: 0.4h = 0.4(22.0) = 8.8'$
 $0.1L = 0.1(19.33) = 1.93'$ USE 3'-0"

GARAGE DOOR

A: 67.5 # ZONE ⑤ $G_Cp = -1.6, +1.2$

$p = 27.32 [(1.6) - (+0.25)] = -50.54$ PSF

ZONE ④ $G_Cp = -1.3, +1.2$

$p = 27.32 [(-1.3) - (+0.25)] = -42.35$ PSF

$p = 27.32 [(+1.2) - (-0.25)] = +39.61$ PSF

WINDOW 1/2-34

A: 8.0 # ZONE ④ $G_Cp = -1.5, +1.4$

$p = 27.32 [(-1.5) - (+0.25)] = -47.81$ PSF

$p = 27.32 [(+1.4) - (-0.25)] = +45.08$ PSF

FRANCISCO CUELLO, P.E., INC.

Consulting Engineer

147 ALHAMBRA CIRCLE

SUITE 220.

CORAL GABLES, FL 33134

(305) 567-0126

JOB MILADY WHITE RES.SHEET NO 2 OF _____

CALCULATED BY _____ DATE _____

CHECKED BY _____ DATE _____

SCALE _____

WINDOW 2-24 S.H. W/CURVED TOPA: 38 ϕ

ZONE ④

GCP: -1.39, +1.30

$$p: 27.32 [(-1.39) - (+0.25)] = -44.80 \text{ PSF}$$

$$p: 27.32 [(+1.30) - (-0.25)] = +42.35 \text{ PSF}$$

WINDOW 24-SHA: 12 ϕ

ZONE ④

GCP: -1.48, +1.39

$$p: 27.32 [(-1.48) - (+0.25)] = -47.26 \text{ PSF}$$

$$p: 27.32 [(+1.39) - (-0.25)] = +44.80 \text{ PSF}$$

WINDOW 33-SHA: 13.5 ϕ

ZONE ⑤

GCP: -1.9, +1.35

$$p: 27.32 [(-1.9) - (+0.25)] = -58.74 \text{ PSF}$$

$$p: 27.32 [(+1.35) - (-0.25)] = +43.71 \text{ PSF}$$

WINDOW 14-SHA: 6.0 ϕ

ZONE ④

GCP: -1.5, +1.4

$$p: 27.32 [(-1.5) - (+0.25)] = -47.81 \text{ PSF}$$

$$p: 27.32 [(+1.4) - (-0.25)] = +45.08 \text{ PSF}$$

WINDOW 1/2-35A: 10.0 ϕ

ZONE ⑤

GCP: -2.0, +1.4

$$p: 27.32 [(-2.0) - (+0.25)] = -61.47 \text{ PSF}$$

$$p: 27.32 [(+1.4) - (-0.25)] = +45.08 \text{ PSF}$$

FRANCISCO CUELLO, P.E.: INC.

Consulting Engineer

147 ALHAMBRA CIRCLE

SUITE 220.

CORAL GABLES, FL 33134

(305) 567-0125

JOB MILADY WHITE RES.

SHEET NO

3

OF

CALCULATED BY

DATE

CHECKED BY

DATE

SCALE

WINDOW 34-SH FIRST FLOORA: 16 ϕ

ZONE (4)

GCP: -1.45, +1.35

$$p: 27.32 [(-1.45) - (+0.25)] = -46.44 \text{ PSF}$$

$$p: 27.32 [(+1.35) - (-0.25)] = +43.71 \text{ PSF}$$

WINDOW 34-SH SECOND FLOORA: 16 ϕ

ZONE (4)

GCP: -1.45, +1.35

$$p: 29.71 [(-1.45) - (+0.25)] = -50.51 \text{ PSF}$$

$$p: 29.71 [(+1.35) - (-0.25)] = +47.54 \text{ PSF}$$

WINDOW 1/2-34-SH SECOND FLOORA: 8.0 ϕ

ZONE (4)

GCP: -1.5, +1.4

$$p: 29.71 [(-1.5) - (+0.25)] = -51.99 \text{ PSF}$$

$$p: 29.71 [(+1.4) - (-0.25)] = +49.02 \text{ PSF}$$

WINDOW 24-SH SECOND FLOORA: 12 ϕ

ZONE (4)

GCP: -1.48, +1.39

$$p: 29.71 [(-1.48) - (+0.25)] = -51.40 \text{ PSF}$$

$$p: 29.71 [(+1.39) - (-0.25)] = +48.72 \text{ PSF}$$

WINDOW 2-24-SH SECOND FLOORA: 24 ϕ

ZONE (5)

GCP: -1.8, +1.3

$$p: 29.71 [(-1.8) - (+0.25)] = -60.91 \text{ PSF}$$

$$p: 29.71 [(+1.3) - (-0.25)] = -46.05 \text{ PSF}$$

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OFFICE

Product Approval
To Permit # 95090385

I# 96030687

94123456

41200222880

002447910

PERMIT # 95090385
ADDRESS 431 Villabella

CITY OF CORAL GABLES BUILDING / ZONING DEPARTMENT		
SECTION	BY	DATE
HISTORICAL		
BOARD OF ARCH.		
BOARD OF ARCH.		
ZONING		
ELECTRICAL		
MECHANICAL		
PLUMBING		
STRUCTURAL		
FIRE		
FEMA		
PUBLIC WORKS		
BUILDING OFFICIAL	<i>MJF</i>	<i>3/14/90</i>

I. Subject to compliance with all Federal, State, County and City rules and regulations. City assumes no responsibility for accuracy of/or results from these plans.

Plans must be submitted to the Building Department for review.