



BUILDING CODE COMPLIANCE OFFICE
METRO-DADE FLAGLER BUILDING
140 WEST FLAGLER STREET, SUITE 1603
MIAMI, FLORIDA 33130-1563
(305) 375-2901 FAX (305) 375-2908

CONTRACTOR LICENSING SECTION
(305) 375-2527 FAX (305) 375-2558

CONTRACTOR ENFORCEMENT DIVISION
(305) 375-2966 FAX (305) 375-2908

PRODUCT CONTROL DIVISION
(305) 375-2902 FAX (305) 372-6339

PRODUCT CONTROL NOTICE OF ACCEPTANCE

Gamma U.S.A. Inc.
15407 W. Dixie Hwy.
North Miami, FL 33162

Your application for Notice of Acceptance (NOA) of:

Series 33 Aluminum Outswing Balcony Entrance Door-Impact

under Chapter 8 of the Code of Miami-Dade County governing the use of Alternate Materials and Types of Construction, and completely described herein, has been recommended for acceptance by the Miami-Dade County Building Code Compliance Office (BCCO) under the conditions specified herein.

This NOA shall not be valid after the expiration date stated below. BCCO reserves the right to secure this product or material at any time from a jobsite or manufacturer's plant for quality control testing. If this product or material fails to perform in the approved manner, BCCO may revoke, modify, or suspend the use of such product or material immediately. BCCO reserves the right to revoke this approval, if it is determined by BCCO 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.: 01-1018.03
EXPIRES: 02/14/2007

Raul Rodriguez
Chief Product Control Division

**THIS IS THE COVERSHEET, SEE ADDITIONAL PAGES FOR SPECIFIC AND GENERAL
CONDITIONS
BUILDING CODE & PRODUCT REVIEW COMMITTEE**

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

Francisco J. Quintana, R.A.
Director
Miami-Dade County
Building Code Compliance Office

APPROVED: 02/14/2002

NOTICE OF ACCEPTANCE: SPECIFIC CONDITIONS

1. SCOPE

- 1.1 This approves an aluminum outswinging balcony entrance door, as described in Section 2 of this NOA, designed to comply with the South Florida Building Code (SFBC), 1994 Edition for Miami-Dade County, for the locations where the pressure requirements, as determined by SFBC Chapter 23, do not exceed the Design Pressure Rating values indicated in the approved drawings.

2. PRODUCT DESCRIPTION

- 2.1 The **Series "33" Aluminum Outswinging Balcony Entrance Door** and its components shall be constructed in strict compliance with the following document: Drawing No. **Project 0110**, Sheets 1 through 3 of 3, titled "Swing Out," prepared by manufacturer, dated 7/16/01 and revised on 12/19/01, signed and sealed by Farrokh Rashekhi, P.E., bearing the Miami-Dade County Product Control approval stamp with the NOA number and approval date by the Miami-Dade County Product Control Division. This document shall hereinafter be referred to as the approved drawings.

3. LIMITATIONS

- 3.1 This approval applies to single unit applications, as shown approved drawings.

4. INSTALLATION

- 4.1 The aluminum outswinging balcony entrance door and its components shall be installed in strict compliance with the approved drawings.
- 4.2 Hurricane protection system (shutters): the installation of this unit **will not require** a hurricane protection system.

5. LABELING

- 5.1 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".

6. BUILDING PERMIT REQUIREMENTS

- 6.1 Application for building permit shall be accompanied by copies of the following:
- 6.1.1 This Notice of Acceptance
- 6.1.2 Duplicate copies of the approved drawings, as identified in Section 2 of this Notice of Acceptance, clearly marked to show the components selected for the proposed installation.
- 6.1.3 Any other documents required by the Building Official or the South Florida Building Code (SFBC) in order to properly evaluate the installation of this system.

Ishaq I. Chanda

Ishaq I. Chanda, P.E., Product Control Examiner
Product Control Division

GAMMA U.S.A.

ACCEPTANCE No.: 01-1018.03

APPROVED: February 14, 2002

EXPIRES: February 14, 2007

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: "Miami-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 purpose.
6. The Notice of Acceptance 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 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 time. The engineer need not reseal the copies.
8. Failure to comply with any section of this Acceptance shall be cause for termination and removal of Acceptance.
9. This Notice of Acceptance consists of pages 1, 2 and this last page 3.

END OF THIS ACCEPTANCE

Ishaq I. Chanda
Ishaq I. Chanda, P.E., Product Control Examiner
Product Control Division

GAMMA U.S.A.

ACCEPTANCE No.: 01-1018.03

APPROVED: February 14, 2002

EXPIRES: February 14, 2007

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

(For File ONLY. Not part of NOA)

A. DRAWINGS

1. Manufacturer's die drawings and sections.
2. Drawing No **0110**, Sheets 1 through 3 of 3, titled "Swing Out," prepared by manufacturer, dated 7/16/01 and revised on _____, signed and sealed by Farrokh Rashekhi, P.E.

B. TESTS

1. Test reports on
 - 1) Air Infiltration Test, per SFBC, PA 202-94
 - 2) Uniform Static Air Pressure Test, Loading per SFBC, PA 202-94
 - 3) Water Resistance Test, per SFBC, PA 202-94
 - 4) Large Missile Impact Test per SFBC, PA 201-94
 - 5) Cyclic Wind Pressure Loading per SFBC, PA 203-94
 - 6) Forced Entry Test, per SFBC 3603.2 (b) and PA 202-94along with marked-up drawings and installation diagram of an aluminum outswinging balcony entrance door, prepared by Fenestration Testing Laboratory, Inc., Test Report No. **FTL-01129**, dated 9/25/01, signed and sealed by Luis Figueredo, P.E.

C. CALCULATIONS

1. Anchor Calculations and structural analysis, prepared by Structural Design, Inc., dated 12/21/01, signed and sealed by Farrokh Rashekhi, P.E.

D. MATERIAL CERTIFICATIONS

1. Notice of Acceptance No. **98-0608.03** issued to E.I. DuPont DeNemours for "Sentry Glass Plus" dated 01/14/99, expiring on 01/14/02.

E. STATEMENTS

1. Statement letter of conformance, dated 10/1/01, signed and sealed by Farrokh Rashekhi, P.E.
2. Statement letter of no financial interest, dated 10/1/01, signed and sealed by Farrokh Rashekhi, P.E.

F. OTHER

None

Ishaq I. Chanda

Ishaq I. Chanda, P.E., Product Control Examiner
Product Control Division

33 BALCONY 1 36 96 110 LI



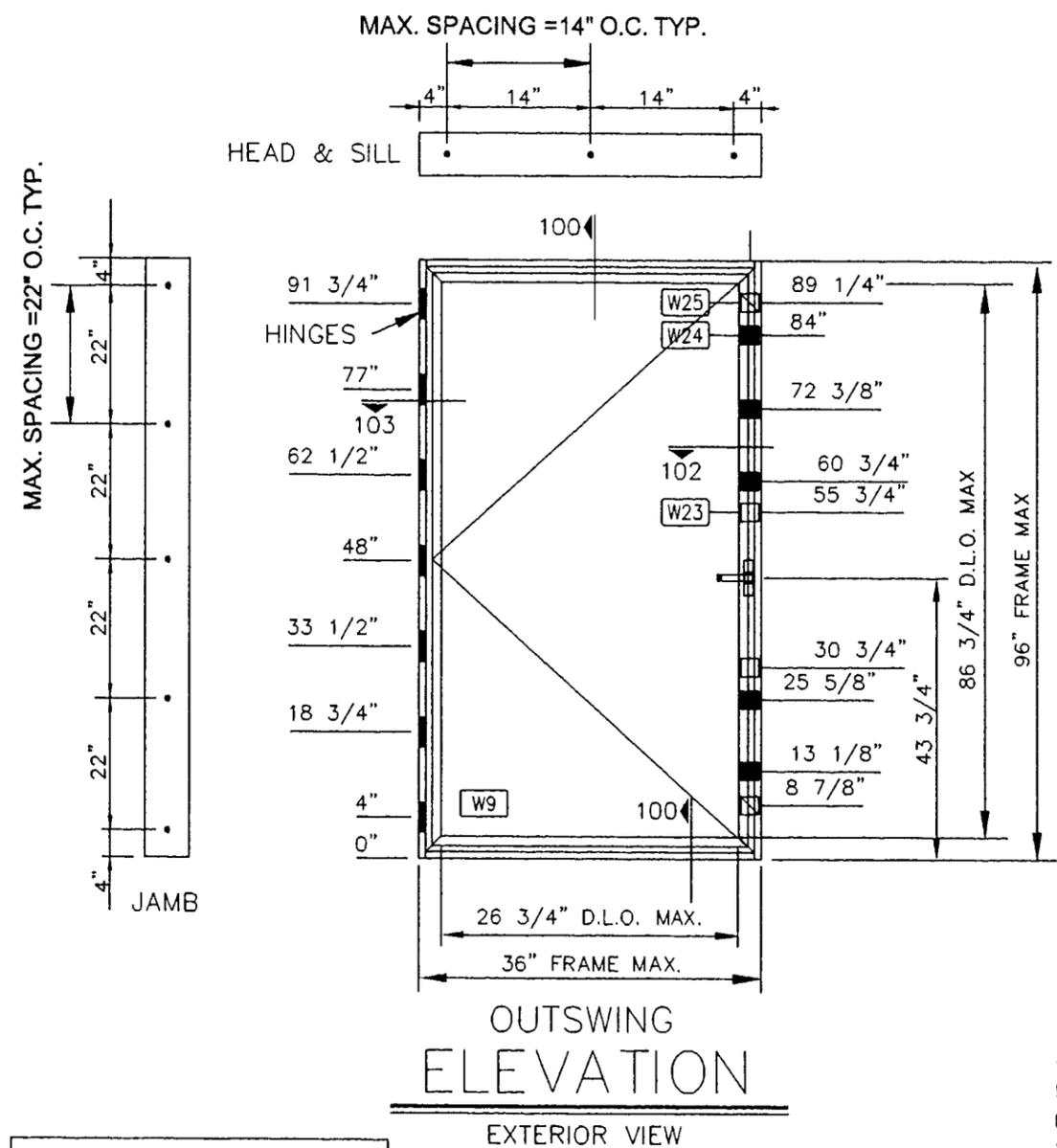
15407 West Dixie Highway,
North Miami Beach, FL 33162
Phone: (305) 957-7004 FAX: (305) 957-7006



BALCONY DOOR

PROJECT:	SWING OUT	DATE:	07/16/2001
TITLE:	ELEVATION	PROJECT #	0110
		SCALE:	1/4"=1'

DESCRIPTION LIST	
W1	ALUMINUM SILL FRAME # 997211 (AL 6063 T6)
W2	ALUMINUM DOOR ADAPTOR # XA-91638 (AL 6063 T6)
W3	ALUMINUM DOOR STILES/RAILS # 997908 (AL6063 T6)
W4	SANTOPRENE WEATHERSTRIP AND DRIP DEFLECTOR
W5	SANTOPRENE GASKET
W6	ALUMINUM ANGLE 2" X 2" X 1/4" THICK X 1 1/4" LONG
W7	SEALANT SPECTREM 2 AT FASTENER HEAD SILL
W8	STRUCTURAL SEALANT ULTRAGLAZE SSG4400 SILICONE BY SPEC DATA
W9	9/16" LAMINATED GLASS: GLASS BITE:0.750 1/4" H.S. CLEAR GLASS + 0.090" SGP by DUPONT LAMINATED by VIRACON 1/4" H.S. CLEAR GLASS
W10	LCN 4040 CLOSER
W11	CYLINDER DOOR BOLT A-02682-15-0-3
W12	4" PLASTIC SHIM FACING SCREWS
W13	#8 x1" FH STSMS (8 PER ANGLE)
W14	1/8" X 1/2" POLYSHIM
W15	2 PVC SITTING BLOCK 1/4"x1/2"x3" LONG @ L/4
W17	CYLINDER FERCO B-8806-27-35-1
W18	HEAD/JAMBS FRAME EXTRUSION # 944981 (AL 6063 T6).
W19	ALUMINUM SOLID BLOCK 2"x7/8"x4" LONG
W20	1/4" ELCO TAPCON SCREW 1 3/4" EMBEDMENT
W21	ALUMINUM BUTT HINGE OF SAVIO # 1122.1 SEAL WITH FOAM TAPE
W22	SEALANT SPECTREM 2
W23	KEEPER 1 SAVIO # 1243.721 + 1243.710
W24	KEEPER 2 SAVIO # 340647 + 340.649
W25	KEEPER 2 SAVIO # 1243.721 + 1465
W26	HANDLE FERCO G-20334-70-0-7
W27	DRAINING HOLE 12 X Ø1/4"
W27A	DRAINING HOLE 3 X Ø5/16"
W28	ALUMINUM CORNER REINFORCEMENT 1 1/2 x1 1/2"x 1/8"x10 1/2" ALUM. TUBE. (AL 6063 T6)
W29	STYROFOAM
W30	#8 X 1" PH STS
W31	#8 X 1" FH STS (8 PER JAMB, 3 PER HEAD & SILL)
W32	ALUM. FLAT 3/16"x43/64"x4" LONG



Farrokh Rasekhi
Farrokh Rasekhi, P.E.
Consulting Struct. Engineer
FL. REG. NO. 38001
Date: 1/25/02

NOTES:
1- MAX SHIM SPACE OF 1/4"
2- CONCRETE APPLICATION
3- REFER TO BILL OF MATERIAL
P 1/3 FOR COMPLETE
DESCRIPTION

LARGE MISSILE IMPACT TEST
DESIGN PRESSURE + 100 psf
DESIGN PRESSURE - 110 psf

W/9/16" LAMINATED GLASS : 1/4 HS-0.090"SGP BY DUPON+ 1/4" HS

APPROVED AS COMPLYING WITH THE
SOUTH FLORIDA BUILDING CODE
DATE FEBRUARY 14, 2002
BY ISHAG I. CHANDA
PRODUCT CONTROL DIVISION
BUILDING CODE COMPLIANCE OFFICE
ACCEPTANCE NO. 01-1018-03

REVISION:	R1:10/10/01	R2:12/19/01
DRAWN BY:	ALEXANDRE PRIVE	
CHECKED BY:		
CAD NAME:	E0110B2	
1		
3		

33 BALCONY 1 36 96 110 LI

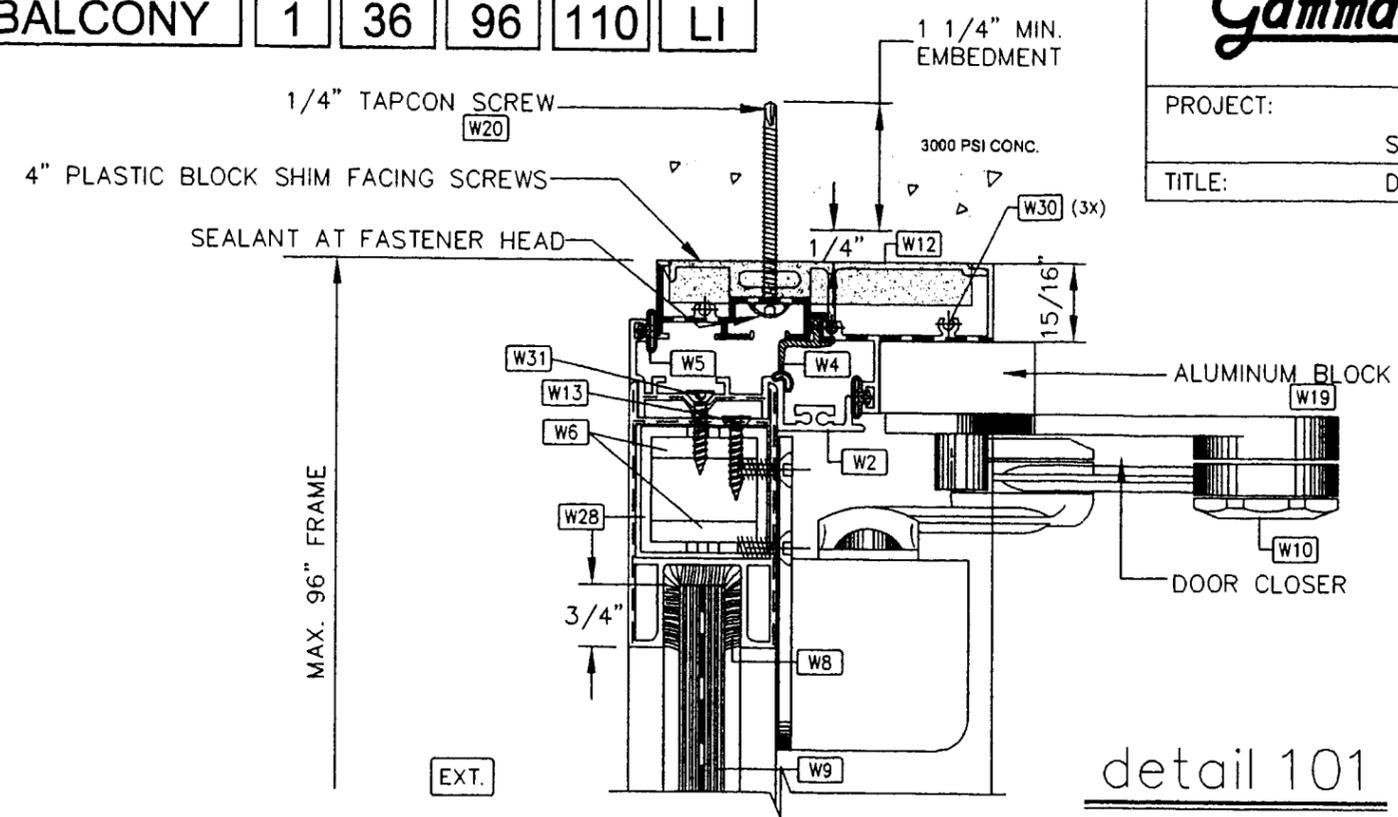


15407 West Dixie Highway,
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Phone: (305) 957-7004 FAX: (305) 957-7006



BALCONY DOOR

PROJECT:	SWING OUT	DATE:	07/16/2001
TITLE:	DETAILS 100 & 101	PROJECT #	0110
		SCALE:	

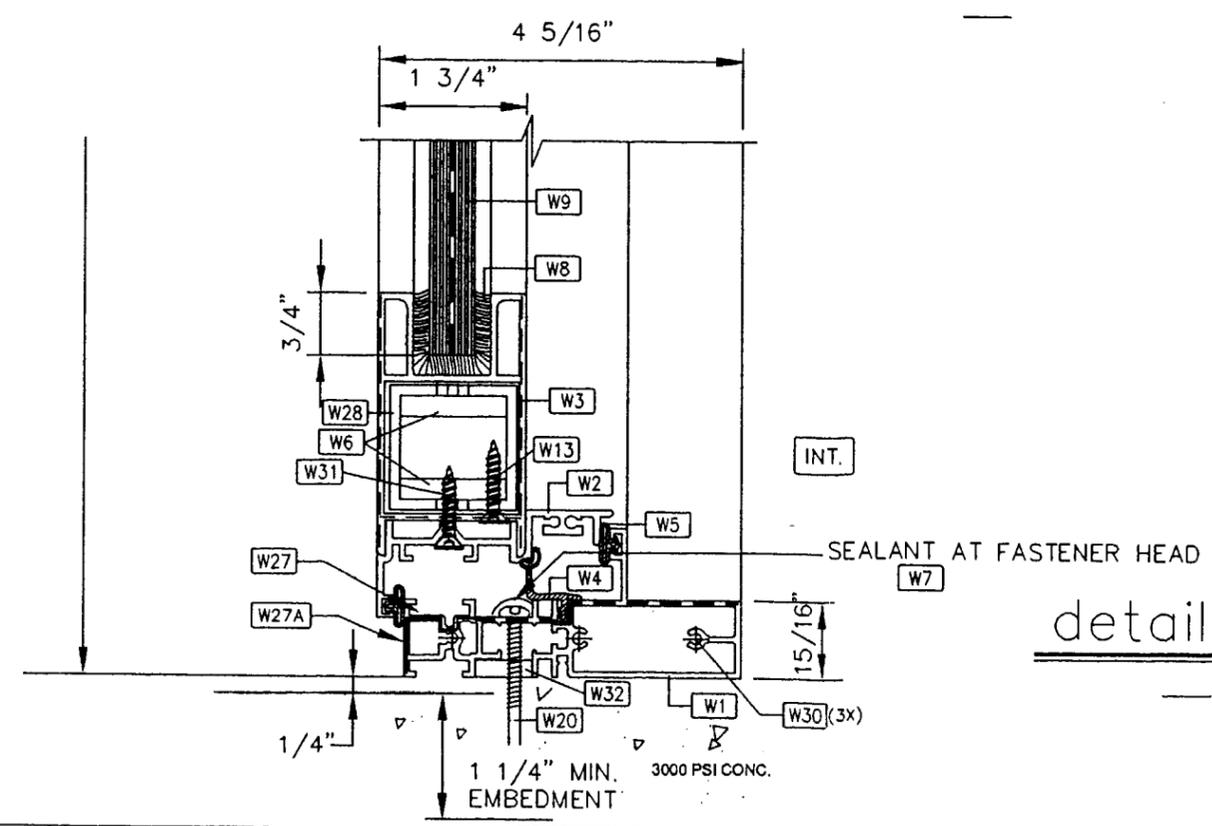


COLORED SEALANT AS INDICATED
 PANEL CORNERS SEAM SEALED WITH CLEAR SEALANT AS INDICATED

Farrokh Rasekhi
 Farrokh Rasekhi, P.E.
 Consulting Struct. Engineer
 FL. REG. NO. 38001
 Date: 1/16/02

- NOTES:
- 1- MAX SHIM SPACE OF 1/4"
 - 2- CONCRETE APPLICATION
 - 3- REFER TO BILL OF MATERIAL P 1/3 FOR COMPLETE DESCRIPTION

detail 101



detail 100

APPROVED AS COMPLYING WITH THE
 SOUTH FLORIDA BUILDING CODE
 DATE FEBRUARY 14, 2002
 BY *Shaq J. Chandra*
 PRODUCT CONTROL DIVISION
 BUILDING CODE COMPLIANCE OFFICE
 ACCEPTANCE NO. 01-1018.03

REVISION:	R1:10/09/01	R2:12/19/01
DRAWN BY:	ALEXANDRE PRIVE	
CHECKED BY:		
CAD NAME:	E0110B2	
	2	3

33 BALCONY 1 36 96 110 LI



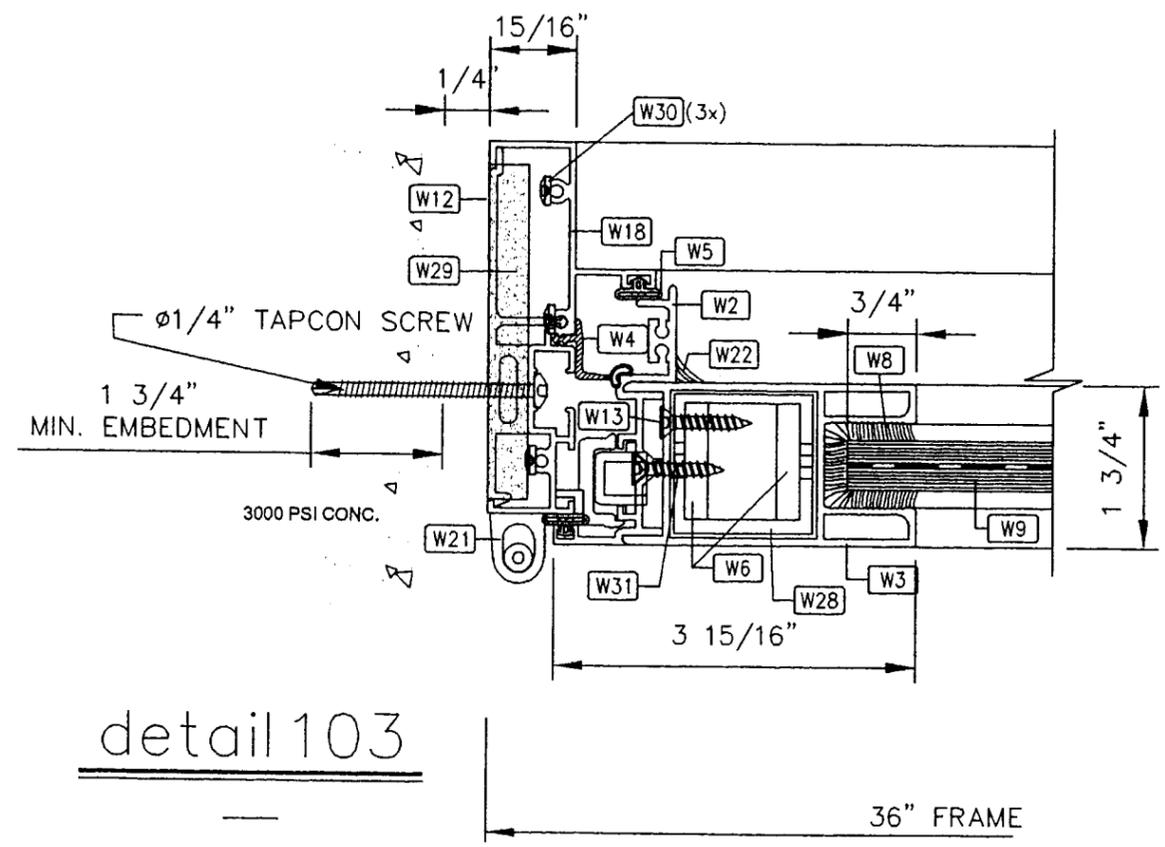
15407 West Dixie Highway,
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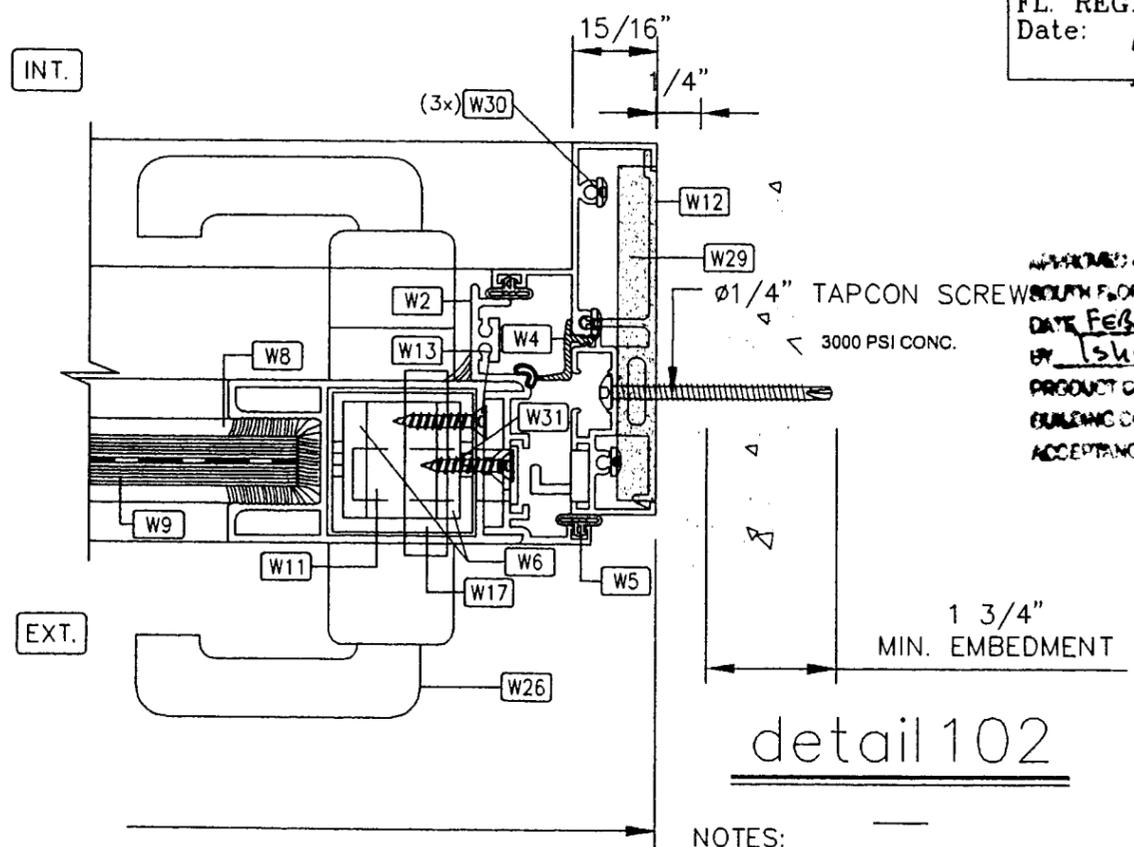
BALCONY DOOR

PROJECT:	SWING OUT	DATE:	07/16/2001
TITLE:	DETAILS 102 & 103	PROJECT #	0110
		SCALE:	1/2"=1"

Farrokh Rasekhi
Farrokh Rasekhi, P.E.
Consulting Struct. Engineer
FL. REG. NO. 38001
Date: 1/16/02



detail 103



detail 102

ACCEPTED AS COMPLYING WITH THE
FLORIDA BUILDING CODE
DATE FEBRUARY 14, 2002
BY Ishaq I. Chanda
PRODUCT CONTROL DIVISION
BUILDING CODE COMPLIANCE OFFICE
ACCEPTANCE NO. 01-1018-03

- NOTES:
- 1- MAX SHIM SPACE OF 1/4"
 - 2- CONCRETE APPLICATION
 - 3- REFER TO BILL OF MATERIAL P 1/3 FOR COMPLETE DESCRIPTION

REVISION:	R1:10/10/01	R2:12/19/01
DRAWN BY:	ALEXANDRE PRIVE	
CHECKED BY:		
CAD NAME:	E0110B2	
	3	3