



**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)

**Traco Security Windows & Doors, Inc.
71 Progress Avenue
Cranberry Township, PA 16166**

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 "3000" Aluminum Sliding Glass Door

APPROVAL DOCUMENT: Drawing No.03-0550-113, titled "Series 3000 Aluminum Sliding Glass Door", sheets 1 through 4 of 4, prepared by Frank L. Bennardo, P.E. Consulting Engineer, dated 6/3/03, signed and sealed by Frank L. Bennardo, 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 # 00-0524.13 and, consists of this page 1 as well as approval document mentioned above.

The submitted documentation was reviewed by **Theodore Berman, P.E.**

TMB
7/24/2003



**NOA No 03-0606.01
Expiration Date: June 5, 2008
Approval Date: August 14, 2003
Page 1**

Traco Security Windows & Doors, Inc.

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

(For File ONLY. Not part of NOA)

A. DRAWINGS

1. Manufacturer's die drawings and sections.
2. Drawing No. **03-0550-113**, titled "Series 3000 Aluminum Sliding Glass Door", sheets 1 through 4 of 4, prepared by Frank L. Bennardo, P.E. Consulting Engineer, dated 6/3/03, signed and sealed by Frank L. Bennardo, P.E.

B. TESTS

Submitted under NOA# 00-0524.13

2. Test reports on 1) Air Infiltration Test, per FBC, TAS 202-94
2) Uniform Static Air Pressure Test, Loading per FBC, TAS 202-94
3) Water Resistance Test, per FBC, TAS 202-94
4) Forced Entry Test, per FBC 2411 3.2.1 and TAS 202-94
along with installation diagram and marked-up drawings of an aluminum sliding glass door prepared by Fenestration Testing Laboratory, Inc. No. **FTL-1303**, dated May 9, 1996, signed and sealed by Gilbert Diamond, P.E.

B. CALCULATIONS

1. Anchor Calculations, dated 6/4/03, prepared, signed and sealed by Frank L. Bennardo, P.E.

Submitted under NOA# 00-0524.13

2. Comparative analysis and anchor calculations, prepared by Al-Farooq Corp., dated 8/5/96, signed and sealed by Humayoun Farooq, P.E.

C. MATERIAL CERTIFICATIONS

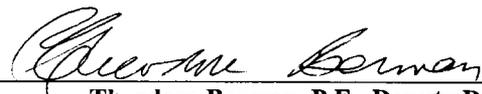
1. None

D. STATEMENTS

1. Statement letter of no financial interest, dated 6/3/03, signed by Frank L. Bennardo, P.E.
2. Statement letter of conformance, dated 6/3/03, signed by Frank L. Bennardo, P.E.

F. OTHER

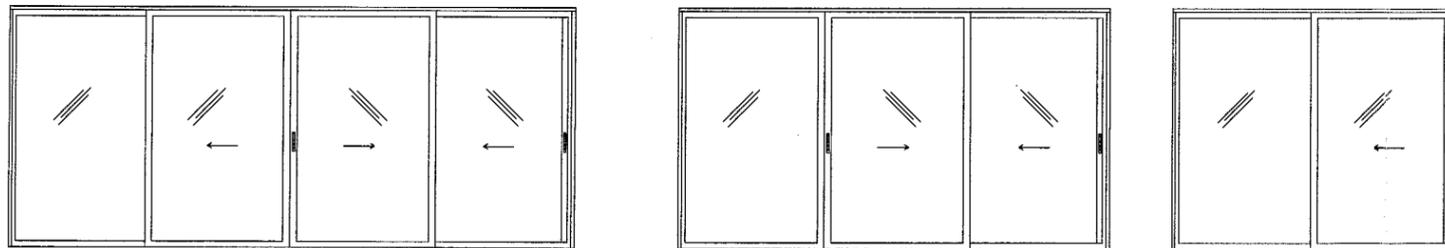
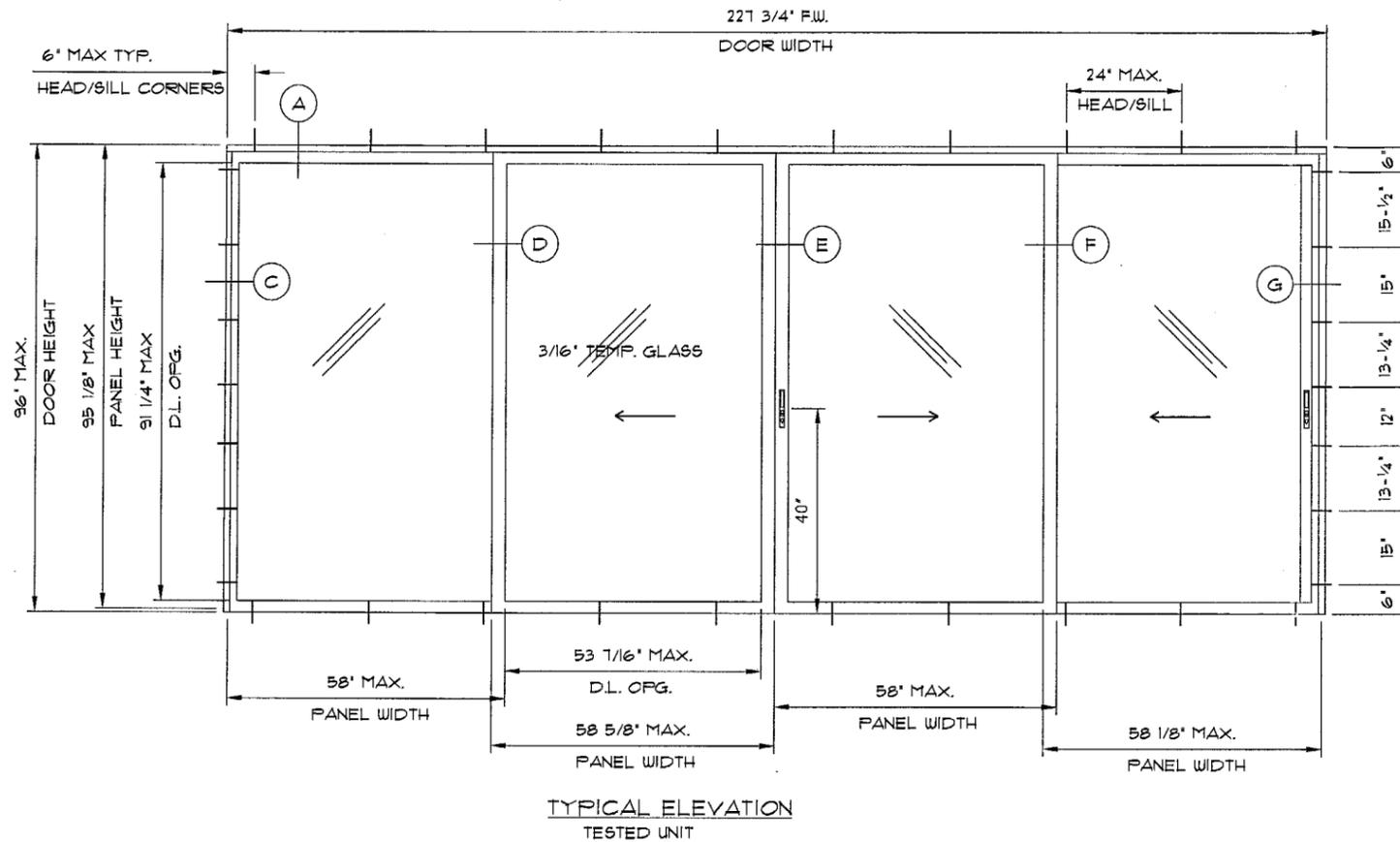
1. Notice of Acceptance No. **00-0524.13**, issued to Traco Security Windows & Doors, Inc., Series 3000 Aluminum Sliding Glass Door, approved on 6/29/00 and expiring on 6/5/03.



Theodore Berman, P.E., Deputy Director
Product Control Division
NOA No 03-0606.01

Expiration Date: June 5, 2008
Approval Date: August 14, 2003

SERIES 3000 ALUMINUM SLIDING GLASS DOOR:



XXXX (SHOWN)
OXXO

OXX (SHOWN)
OXO
XXX

OX (SHOWN)
XO
XX

ALLOWABLE PANEL CONFIGURATIONS

DOOR DIMS.		3/16" TEMP. GLASS	
PANEL WIDTH	DOOR HEIGHT	EXT. (+)	INT. (-)
2/6	5/0	60.0	123.4
3/0		60.0	110.2
3/6		60.0	101.1
4/0		60.0	96.4
4/6		60.0	93.5
5/0	60.0	92.6	
2/6	6/0	60.0	97.4
3/0		60.0	85.1
3/6		60.0	77.8
4/0		60.0	72.3
4/6		60.0	58.6
5/0	60.0	66.1	
2/6	6/8	60.0	85.4
3/0		60.0	74.6
3/6		60.0	67.2
4/0		60.0	62.0
4/6		58.2	58.2
5/0	55.5	55.5	
2/6	8/0	60.0	68.6
3/0		59.3	59.3
3/6		52.9	52.9
4/0		48.2	48.2
4/6		44.7	44.7
5/0	41.7	41.7	

GENERAL NOTES:

1. THE ALUMINUM SLIDING GLASS DOOR SYSTEM DESCRIBED HEREIN HAS BEEN DESIGNED AND TESTED IN COMPLIANCE WITH THE FLORIDA BUILDING CODE 2001, HIGH VELOCITY HURRICANE ZONES, AND MIAMI-DADE COUNTY PROTOCOLS TAB 202.
2. A 33-1/3% INCREASE IN ALLOWABLE STRESS HAS BEEN USED IN THE DESIGN OF THIS DOOR SYSTEM.
3. POSITIVE AND NEGATIVE DESIGN PRESSURES CALCULATED FOR USE WITH THIS DOOR SYSTEM SHALL BE DETERMINED BY OTHERS ON A JOB-SPECIFIC BASIS IN ACCORDANCE WITH THE GOVERNING CODE. WHEN ASCE 7-98 IS USED TO DETERMINE DESIGN PRESSURES, A DIRECTIONALITY FACTOR $K_d=1$ IS REQUIRED.
4. THE DOOR SYSTEM DETAILED HEREIN IS GENERIC AND DOES NOT PROVIDE INFORMATION FOR A SPECIFIC SITE. FOR SITE CONDITIONS DIFFERENT FROM THE CONDITIONS DETAILED HEREIN, A LICENSED ENGINEER OR REGISTERED ARCHITECT SHALL PREPARE SITE SPECIFIC DOCUMENTS FOR USE IN CONJUNCTION WITH THIS DOCUMENT.
5. PERMIT HOLDER SHALL VERIFY THE ADEQUACY OF THE EXISTING STRUCTURE TO WITHSTAND SUPERIMPOSED LOADS. WOOD BUCKS INSTALLED BY OTHERS SHALL BE ANCHORED PROPERLY TO TRANSFER LOADS TO THE EXISTING STRUCTURE.
6. DOORS PANELS GLAZED WITH 3/16" TEMPERED GLASS SHALL BE PROTECTED WITH MIAMI-DADE COUNTY APPROVED IMPACT RESISTANT SHUTTERS.
7. ALL STEEL IN CONTACT WITH ALUMINUM SHALL BE PAINTED OR PLATED.

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No 03-0606.01
Expiration Date 04/05/08
By *Cherise Loman*
Miami Dade Product Control
Division

JUN 04 2003

FRANK L. BENNARDO, P.E.
FE0046549

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TRACO
Windows & Doors Inc.

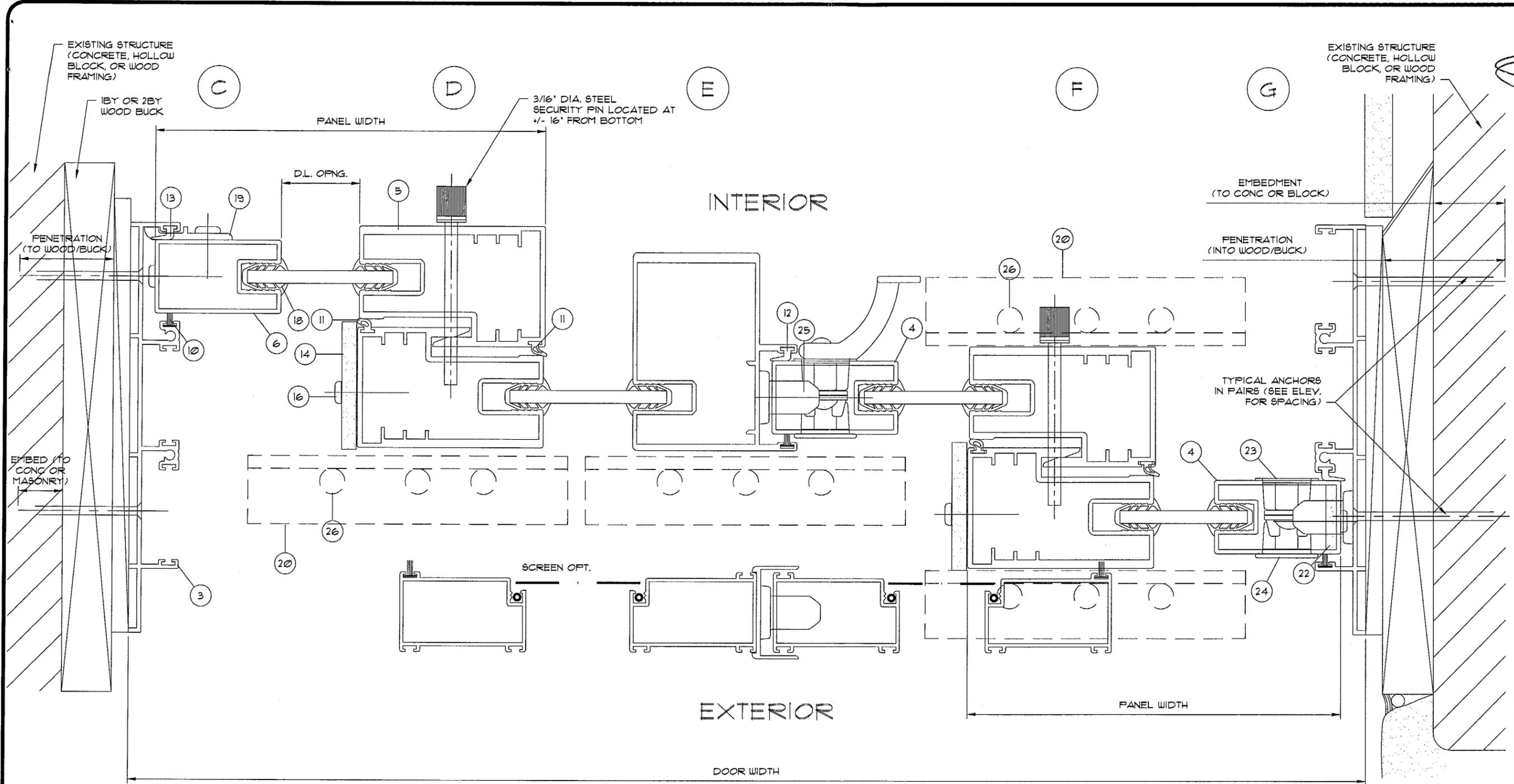
SERIES 3000 ALUMINUM
SLIDING GLASS DOOR



REVISIONS
DESCRIPTION DATE

SCALE: N.T.S.
DRAWN BY: CL
CHECKED BY: FLB
ORIG DATE: 6/3/2003
DWG #: 03-0550-13

SHEET:
1 OF 4



TYPICAL ANCHORS: SEE TYPICAL ELEV. (SHEET 1) FOR SPACING

INTO 2BY WOOD BUCKS OR WOOD STRUCTURE:
 #10 SMS, 1-3/8" MIN. WOOD PENETRATION

THRU WOOD BUCKS INTO CONCRETE/MASONRY OR DIRECTLY INTO CONCRETE/MASONRY:
 3/16" TAPCONS, 1-1/4" MIN CONCRETE/MASONRY EMBED
 (TAPCONS BY "ELCO" OR "ITW", OR EQUIV. CONC. ANCHOR HOLDING CURRENT NOA)

SEALANTS:

ALL FRAME AND PANEL CORNERS AND INSTALLATIONS
 SCREWS SEALS WITH WHITE/ALUMINUM COLORED 'SUPER SEAL' SEALANT.

REFERENCE ANCHOR NOTES ON SHEET 3 OF THESE DRAWINGS

PRODUCT REVISED
 as complying with the Florida Building Code
 Acceptance No. 03-0606.01
 Expiration Date 06/05/08

By *Christine Dorman*
 Miami Dade Product Control Division

JUN 04 2003

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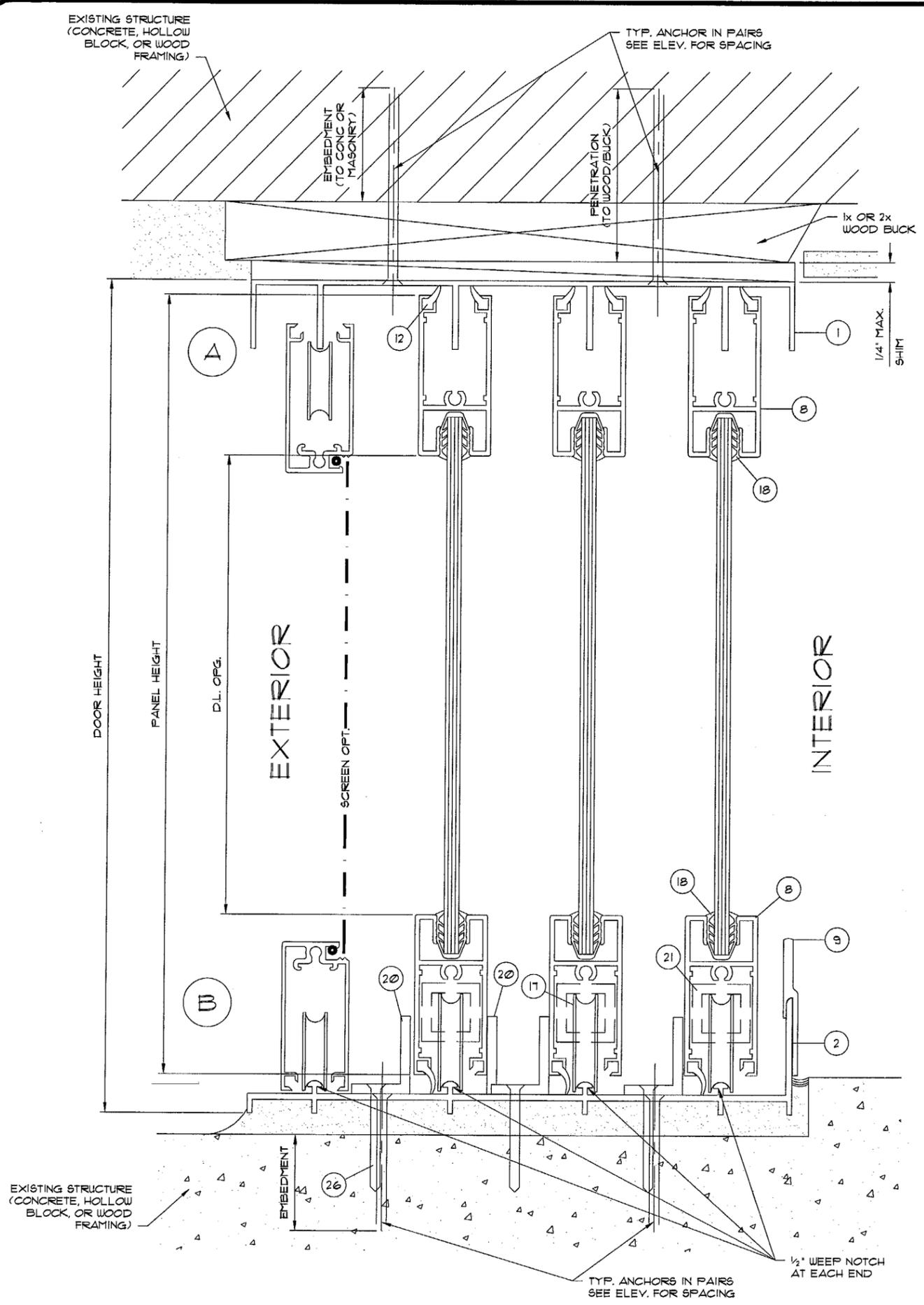
TRACO
 Windows & Doors Inc.
 SERIES 3000 ALUMINUM
 SLIDING GLASS DOOR



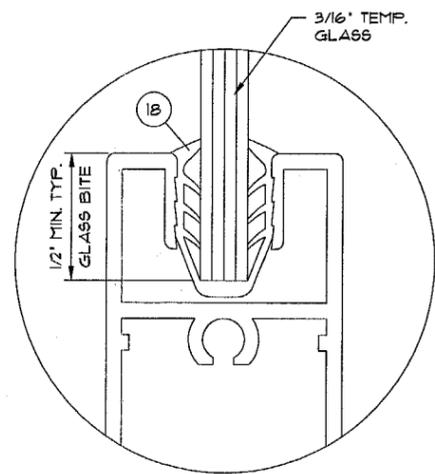
REVISIONS	
DESCRIPTION	DATE

SCALE: 8" = 1"
 DRAWN BY: CL
 CHECKED BY: FLB
 ORIG DATE: 6/3/2003
 DWG #: 03-0550-13

SHEET:
 2 OF 4



MATERIALS LIST					
ITEM NO.	PART NUMBER	QUANTITY	DESCRIPTION	MATERIAL	MANF./SUPPLIER/COMMENTS
1	050-00-103	1	FRAME HEAD	6063-T5	
2	050-00-420	1	SILL TRACK	6063-T6	MILL FINISH
3	050-00-431	2	FRAME JAMB	6063-T6	
4	051-00-384	AS REQD.	LOCK STILE	6063-T6	
5	051-00-504	4	INTERLOCK	6063-T5	
6	051-00-384	AS REQD.	JAMB STILE	6063-T6	
7	051-00-442	1	MEETING STILE	6063-T6	
8	051-00-383	2/ PANEL	TOP & BOTTOM RAIL	6063-T6	
9	-	1	SILL RISER	6063-T6	
10	047-00-014	-	WOOLPILE	-	
11	046-00-021	AS REQD.	BULB W/STRIPPING	VINYL	
12	046-00-015	AS REQD.	FLAP W/STRIPPING (TOP RAIL)	VINYL	
13	046-00-030	AS REQD.	FLAP W/STRIPPING (JAMB)	VINYL	
14	050-00-000	AS REQD.	CLOSED CELL FOAM PAD (1-5/8" X 1-3/4")	-	AT TOP AND BOTTOM OF INTERLOCK
15	-	2/ CORNER	FRAME ASSEMBLY SCREW	-	#8 X 1" PHPH SMS
16	012-00-130	1/ CORNER	PANEL ASSEMBLY SCREW	-	#10 X 1" PHPH SMS
17	037-00-015	2/ PANEL	WHEEL ASSEMBLY	-	'REFLOCTOUTE' 1935 SERIES
18	046-00-052	AS REQD.	3/16" GLAZING CHANNEL	VINYL	
19	-	3/ PANEL	FIXED PANEL CLIP	ALUMINUM	W/ #6 X 1/2" TEKS SCREWS
20	-	-	1 X 3/4 X 3/16 X 5 LG. ANGLE	-	
21	-	1/ PANEL	3/4 X 3/4 X 1/8" SQ. TUBE	ALUMINUM	
22	-	AS REQD.	CLOSED CELL FOAM PAD (1-1/8" X 2")	-	AT TOP AND BOTTOM OF JAMB
23	007-00-005	-	L/H INTERIOR PULL W/ NIGHT LATCH	-	
24	007-00-006	-	R/H EXTERIOR PULL W/ LOCK KNOCKOUT	-	
25	007-00-033	-	KEEPER	-	
26	012-00-130	-	HURRICANE ANGLE ANCHOR SCREW	-	#10 X 2" SMS OR 3/16" TAPCONS



GLAZING DETAIL
N.T.S.

TYPICAL ANCHORS: SEE TYPICAL ELEV. (SHEET 1) FOR SPACING

INTO 2BY WOOD BUCKS OR WOOD STRUCTURE:
#10 SMS, 1-3/8" MIN. WOOD PENETRATION

THRU WOOD BUCKS INTO CONCRETE/MASONRY OR DIRECTLY INTO CONCRETE/MASONRY:
3/16" TAPCONS, 1-1/4" MIN CONCRETE/MASONRY EMBED (TAPCONS BY 'ELCO' OR 'ITW', OR EQUIV. CONC. ANCHOR HOLDING CURRENT NO.)

SEALANTS:

ALL FRAME AND PANEL CORNERS AND INSTALLATIONS SCREWS SEALS WITH WHITE/ALUMINUM COLORED 'SUPER SEAL' SEALANT.

ANCHOR NOTES:

1. ANCHORS SHALL BE INSTALLED IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS.
2. ANCHOR EMBEDMENT SHALL BE IN BASE MATERIAL EXCLUDING STUCCO OR WALL FINISH.
3. ANCHORS SHALL BE AS LISTED, SPACED AS SHOWN IN TYPICAL ELEVATION ON SHEET 1.
4. WOOD BUCKS (BY OTHERS) MUST BE ANCHORED PROPERLY TO TRANSFER LOADS TO STRUCTURE, AND TO SUSTAIN LOADS IMPOSED BY GLAZING SYSTEM.

PRODUCT REVISED
as complying with the Florida Building Code
Acceptance No 03-0606.01
Expiration Date 04/05/08
By: *Cleodine Roman*
Miami Dade Product Control Division

JUN 04 2003

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TRACO
Windows & Doors Inc.
SERIES 3000 ALUMINUM
SLIDING GLASS DOOR



REVISIONS	
DESCRIPTION	DATE

SCALE: N.T.S.
DRAWN BY: CL
CHECKED BY: FLB
ORIG DATE: 6/3/2003
DWG #: 03-0550-113

JUN 04 2003

FRANK L. BERNARDO, P.E.
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TRACO

Windows & Doors Inc.
SERIES 3000 ALUMINUM
SLIDING GLASS DOOR



REVISIONS

DESCRIPTION	DATE

SHEET:
4 OF 4

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No 03-0606.01
Expiration Date 04/05/08
By *Merwin Bernan*
Miami Dade Product Control
Division

