



**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)

**T.M. Window & Door Co.
601 N.W. 12th Ave.
Pompano Beach, FL 33069**

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 910 Aluminum Single Hung Window

APPROVAL DOCUMENT: Drawing No. PA00910, dated 2/23/01, with revision 1 dated 10/15/03, titled "Series 910 Single Hung Window", sheets 1 through 8 of 8, prepared by manufacturer, signed and sealed by Ballard L. Argus, 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 revises NOA # 00-0919.04 and consists of this page 1 and evidence pages E-1 and E-2, as well as approval document mentioned above.

The submitted documentation was reviewed by **Manuel Perez, P.E.**



**NOA No 03-1020.01
Expiration Date: April 12, 2006
Approval Date: December 04, 2003
Page 1**

T.M. Window & Door Co.

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

A. DRAWINGS

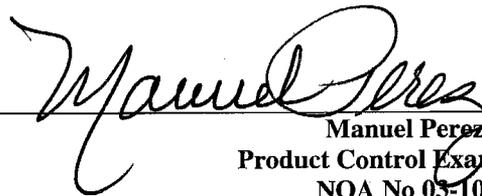
1. Manufacturer's die drawings and sections.
2. Drawing No. **PA00910**, dated 2/23/01, with revision 1 dated 10/15/03, titled "Series 910 Single Hung Window", sheets 1 through 8 of 8, prepared by manufacturer, signed and sealed by Ballard L. Argus, P.E.

B. TESTS

1. Test reports on:
 - 1) Air Infiltration Test, per ASTM E283.
 - 2) Uniform Static Air Pressure Test, Loading per ASTM E330.
 - 3) Water Resistance Test, per ASTM E331.
 - 4) Forced Entry Resistance Test, per AAMA 1302.5.along with installation diagram of one specimens of 53-1/8" wide x 76-3/4" high aluminum single hung window with spring loaded sill locks, prepared by Fenestration Testing Laboratory, Inc. report No. **FTL-3954**, dated October 8, 2003, signed and sealed by Edmundo J. Largaespada, P.E.

(Submitted under NOA #00-0919.04)

2. Test reports on:
 - 1) Air Infiltration Test, per ASTM E283.
 - 2) Uniform Static Air Pressure Test, Loading per ASTM E330.
 - 3) Water Resistance Test, per ASTM E331.
 - 4) Forced Entry Resistance Test, per AAMA 1302.5.along with installation diagram of three specimens of 54" wide x 90" high aluminum single hung windows, prepared by Fenestration Testing Laboratory, Inc. report No. **FTL-2551**, dated February 21, 2000, signed and sealed by Aldo P. Gonzalez, P.E.
3. Test reports on:
 - 1) Uniform Static Air Pressure Test, Loading per ASTM E330.
 - 2) Water Resistance Test, per ASTM E331.along with installation diagram of a 37" wide x 63" high aluminum single hung window with 1/8" annealed glass, prepared by Fenestration Testing Laboratory, Inc. report No. **FTL-2552**, dated February 16, 2000, signed and sealed by Aldo P. Gonzalez, P.E.
4. Test reports on:
 - 1) Uniform Static Air Pressure Test, Loading per ASTM E330.along with installation diagram of a 53-1/8" wide x 76-3/4" high aluminum single hung window with 3/16" annealed glass, prepared by Fenestration Testing Laboratory, Inc. report No. **FTL-2586**, dated February 21, 2000, signed and sealed by Aldo P. Gonzalez, P.E.



Manuel Perez, P.E.
Product Control Examiner
NOA No 03-1020.01
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T.M. Window & Door Co.

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C. CALCULATIONS

1. Comparative analysis and anchor calculations, dated 6/16/00 and 6/20/90 prepared, signed and sealed by Ballard L. Argus, P.E.

D. QUALITY ASSURANCE

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

E. MATERIAL CERTIFICATIONS

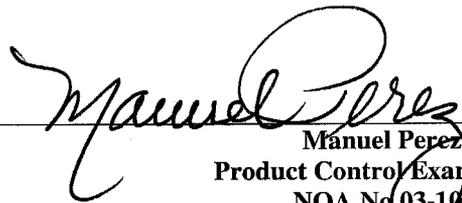
1. None.

F. STATEMENTS

1. Statement letter of no financial interest, dated August 7, 2000, signed and sealed by Ballard L. Argus, P.E.
2. Statement letter of conformance, dated August 7, 2000, signed and sealed by Ballard L. Argus, P.E.
3. Revision request letter with additional testing proposal dated Sept. 2, 2003 signed by Mr. Roberto Perez, with corresponding response by Mr. Jaime Gascon.
4. Statement letter of conformance with the revised items, dated October 17, 2003, signed and sealed by Ballard L. Argus, P.E.

G. OTHER

1. Notice of Acceptance No. **00-0919.04**, issued to T.M. Window & Door Co. for their Series 910 Aluminum Single Hung Window, approved on 04/12/01 and expiring on 04/12/06.



Manuel Perez, P.E.
Product Control Examiner
NOA No 03-1020.01
Expiration Date: April 12, 2006
Approval Date: December 04, 2003

TM WINDOW & DOOR CO.
601 NW 12 AVE., POMPANO BEACH, FL

SERIES 910 ALUMINUM SINGLE HUNG WINDOW.

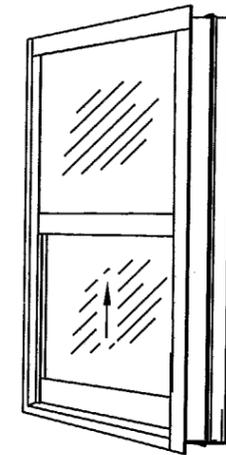
GENERAL NOTES:

1. PRODUCT APPROVAL DRAWINGS ARE BASED ON THE FOLLOWING TEST REPORT SERIES BY FENESTRATION TESTING LABORATORY, INC.
 - A. TEST REPORT NO. FTL 2552, 1/8" ANNEALED GLASS W/ .278 MIN. BITE. LOW SILL, WITH AND WITHOUT SCREEN.
TEST REPORT NO. FTL 2552, 1/8" ANNEALED GLASS W/ .278 MIN. BITE. HIGH SILL, WITHOUT SCREEN ONLY.
 - B. TEST REPORT NO. FTL 2586, 3/16" ANNEALED GLASS W/ .375" MIN. BITE. LOW SILL, WITH AND WITHOUT SCREEN.
TEST REPORT NO. FTL 2586, 3/16" ANNEALED GLASS W/ .375" MIN. BITE. HIGH SILL, WITHOUT SCREEN ONLY.
 - C. TEST REPORT NO. FTL 2551, 3/16" TEMPERED GLASS W/ .375" MIN. BITE. LOW SILL, WITH AND WITHOUT SCREEN.
TEST REPORT NO. FTL 2551, 3/16" TEMPERED GLASS W/ .375" MIN. BITE. HIGH SILL, WITHOUT SCREEN ONLY.
2. DRAWINGS PROVIDE ANCHOR INFORMATION FOR WOOD FRAME AND STRUCTURAL CONCRETE/CBS CONSTRUCTION ONLY.
3. WINDOW MINIMUM HARDWARE REQUIREMENTS:
 - A. TWO (2) SPIRAL BALANCES WITH I.D. MARKS "ISD-0" - LOCATE ONE (1) AT EACH FRAME JAMB.
 - B. TWO SURFACE MOUNTED CAM LOCKS WITH NO I.D. MARKS, LOCKING INTO A GROOVE IN THE FIXED MEETING RAIL LOCATE AT VENT MEETING RAIL, WITHIN 6" FROM EACH END.
 - C. TWO (2) ALUMINUM VENT STOPS, 4" LONG WITH NO I.D. MARKS - LOCATE ONE (1) AT TOP OF EACH FRAME JAMB.
 - D. FOUR (4) PLASTIC VENT GUIDES WITH NO I.D. MARKS - LOCATE AT EACH JAMB RAIL OF THE OPERATING VENT WITHIN 2 1/2" FROM THE BOTTOM OF THE VENT AND WITHIN 1 3/4" FROM THE MEETING RAIL CENTERLINE.
 - E. TWO (2) BALANCE CLIPS WITH NO I.D. MARKS - LOCATE ONE AT THE BOTTOM OF EACH JAMB RAIL OF OPERATING VENT, FASTENED TO THE RAIL WITH ONE (1) ASSEMBLY SCREW.
4. WEATHERSTRIPPING REQUIREMENTS:
 - A. SINGLE ROW, WOOL PILE WITH INTEGRAL PLASTIC FIN - LOCATE AT FIXED MEETING RAIL AND EACH JAMB RAIL OF VENT ON THE INTERIOR AND EXTERIOR.
 - B. DOUBLE ROW WOOL PILE WITH INTEGRAL PLASTIC FIN - LOCATE AT FRAME SILL.
 - C. SINGLE ROW VINYL BULB - LOCATE AT VENT BOTTOM RAIL.
5. PROVIDE TWO (2) 1/2" WEEP NOTCHES - LOCATE ONE (1) AT EACH END OF THE SCREEN RETAINER LEG.
6. ALL STRUCTURAL FRAMING MEMBERS ARE ALUMINUM ALLOY 6063-T6.
7. MIAMI DADE COUNTY APPROVED SHUTTERS ARE REQUIRED FOR INSTALLATION OF THESE UNITS.

BILL OF MATERIALS

NO.	PART NO.	DESCRIPTION
1	31798	FRAME HEAD
2	N/A	GLAZING BEAD, ROLL FORMED ALUMINUM
3	36123	FRAME INTERLOCK
4	31809	VENT INTERLOCK
5	36119	VENT SILL
6	31799	FRAME SILL
7	4037	FIN SEAL WEATHERSTRIP
8	31802	VENT JAMB
9	36127	FRAME JAMB
10	6713	CAM LATCH / SWEEP LATCH
11	#10X1" PAN, PH A	FRAME ASSEMBLY SCREWS
12	#10X1" PAN, PH A	VENT ASSEMBLY SCREWS
13	#8X3/4" FH A	BALANCE RODS & SCREWS
14	#6X3/4" FH A	VENT GUIDES & SCREWS
15	#8X3/4" FH A	SWEEP LATCH SCREWS
16	3045	VENT SILL BULB VINYL
17	3020	FIN SEAL W/S AT VENT JAMBS
18	3037	FRAME SILL WEATHERSTRIPPING
19	32023	BALANCE CLIP
20	32802	4" VENT STOP
21	TM-112	VENT BOTTOM RAIL (OPTIONAL)
22	TM-114	FRAME SILL (OPTIONAL)
23	TM-115	SPRING LOADED LATCH LOCK (OPTIONAL)

1 REFERENCE TEST REPORT No. FTL-3954, 3/16" ANNEALED GLASS W/ .375" MIN. BITE. LOW SILL, WITH SPRING LOADED SILL LOCK ASSEMBLY IN LIEU OF METALLIC CAM LOCK AT FIXED MEETING RAIL.



- PRODUCT APPROVAL INDEX
- SHEET 1 - BILL OF MATERIALS & GENERAL NOTES.
 - SHEET 2 - WINDOW TEST SIZE, ELEVATIONS & ANCHOR INFORMATION.
 - SHEET 3 - TEST REPORT NO. FTL 2552 LOW SILL DETAILS AND COMPARATIVE ANALYSIS TABLE.
 - SHEET 4 - TEST REPORT NO. FTL 2552 HIGH SILL DETAILS AND COMPARATIVE ANALYSIS TABLE.
 - SHEET 5 - TEST REPORT NO. FTL 2586 LOW SILL DETAILS AND COMPARATIVE ANALYSIS TABLE.
 - SHEET 6 - TEST REPORT NO. FTL 2586 HIGH SILL DETAILS AND COMPARATIVE ANALYSIS TABLE.
 - SHEET 7 - TEST REPORT NO. FTL 2551 LOW SILL DETAILS AND COMPARATIVE ANALYSIS TABLE.
 - SHEET 8 - TEST REPORT NO. FTL 2551 HIGH SILL DETAILS AND COMPARATIVE ANALYSIS TABLE.

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 03-1020-01
Expiration Date APRIL 12, 2006
By *Manuel Perez*
Miami Dade Product Control
Division

TM WINDOW & DOOR CO.
601 NW 12 AVE., POMPANO BEACH, FL

SERIES 910 SINGLE HUNG WINDOW

GLASS TYPE AS NOTED

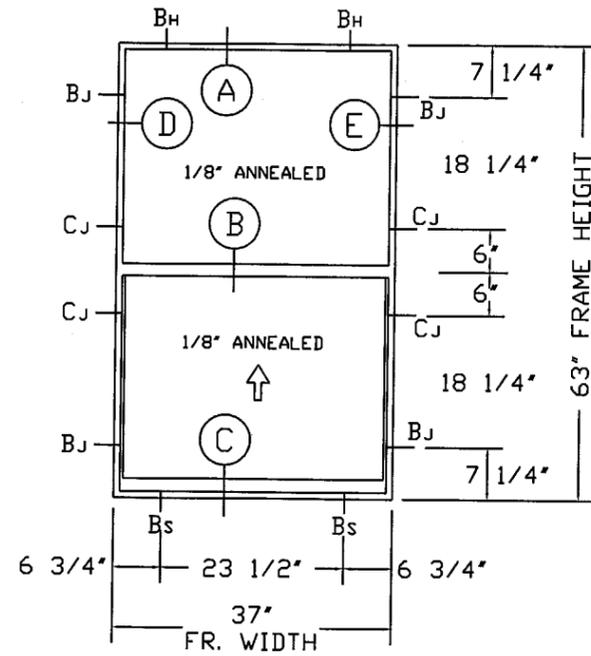
TEST LAB: FENESTRATION TESTING LABORATORY, INC.

FILE NO. CONFIG. Sheet: Date: Rev. 1
PA00910 SEE ELEV. 1 OF 8 2-23-01 10/15/03

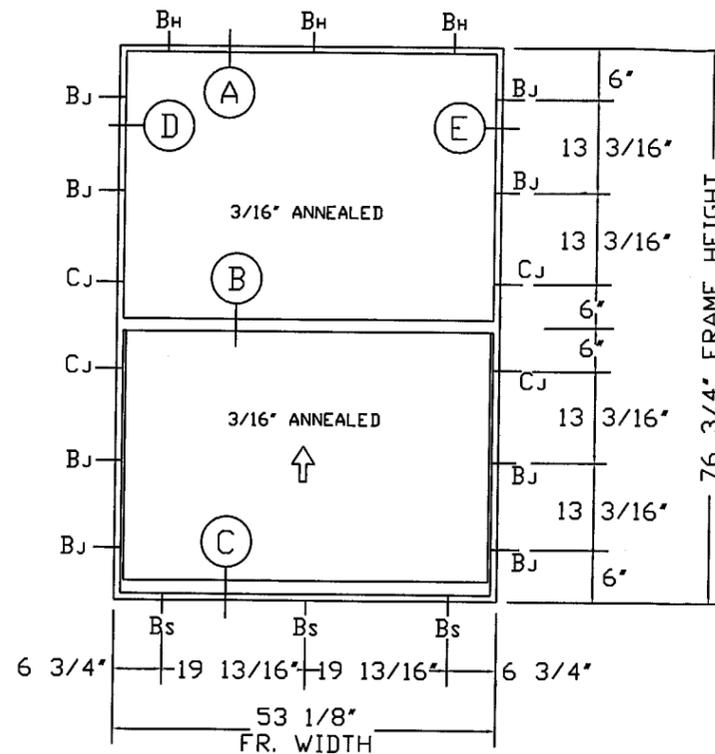
BALLARD L. ARGUS, P.E.
844 N.W. 91 TERRACE
PLANTATION, FL 33324

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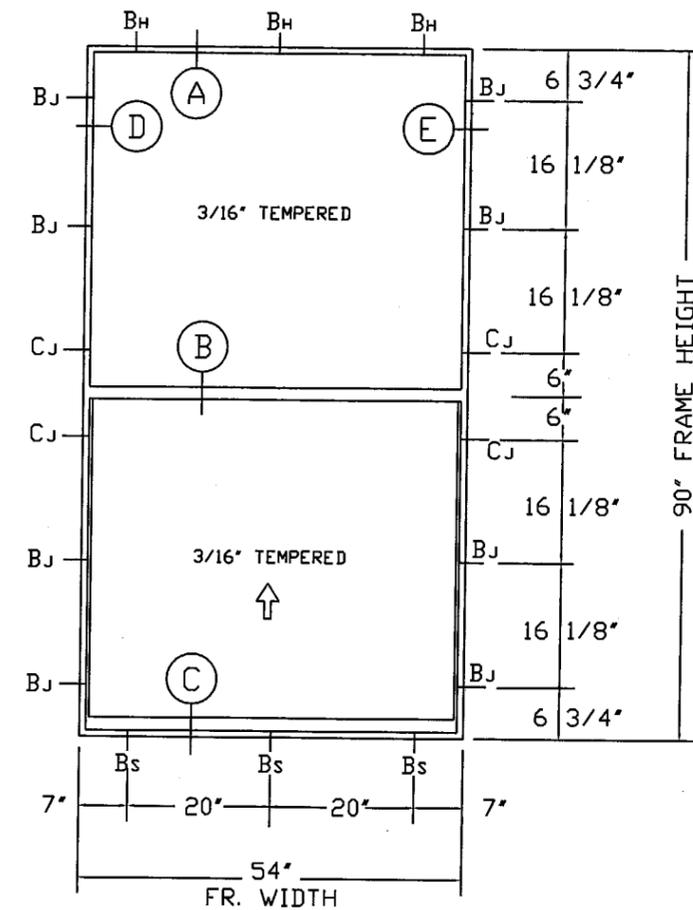
10/21/03
FLORIDA No. 35686, CIVIL



TEST REPORT NO. FTL 2552



TEST REPORT NO. FTL 2586



TEST REPORT NO. FTL 2551

NOTES FOR ANCHORS INTO WOOD FRAME CONSTRUCTION

1. TYPICAL WOOD FRAME ANCHOR TYPE IS #14 STAINLESS STEEL SHEET METAL SCREW X 1 1/2" PENETRATION.
2. MINIMUM WOOD FRAME ANCHOR QUANTITIES ARE DEPICTED AS SOLID LINES LOCATED AROUND THE PERIMETER OF EA. UNIT ELEVATION, DRAWN PERPENDICULAR TO THE FRAME.
3. MAXIMUM SHIM SPACE BETWEEN FRENCH DOOR FRAME AND WOOD FRAME SUBSTRATE = 1/4".

NOTES FOR ANCHORS INTO STRUCTURAL CONCRETE/CBS CONSTRUCTION

1. TYPICAL CONCRETE ANCHOR TYPE IS 1/4" DIA. TAPCON X 1 1/4" EMBEDMENT.
2. MINIMUM CONCRETE ANCHOR QUANTITIES ARE DEPICTED AS SOLID LINES LOCATED AROUND THE PERIMETER OF EACH UNIT ELEVATION, DRAWN PERPENDICULAR TO THE FRAME.
3. MAXIMUM SHIM SPACE BETWEEN THE FRENCH DOOR FRAME AND AND THE CONCRETE/WOOD BUCK SUBSTRATE = 1/4"
4. MINIMUM 1/4" DIA. TAPCON EDGE DISTANCE FROM EDGE OF CONCRETE/BLOCK = 2 1/2" (10 DIA.)
5. MINIMUM SPACING BETWEEN 1/4" DIA. TAPCONS WITHIN "ANCHOR GROUP" = 3" (12 DIA.)

MAXIMUM ANCHOR SPACING REQUIREMENTS

1. HEAD AND SILL FRAME ANCHORS:
 TEST REPORT NO. FTL-2552: LOCATE ANCHORS 6 3/4" MAXIMUM FROM FRAME ENDS & 23 1/2" O.C. MAX., PER TEST MOCK-UP.
 TEST REPORT NO. FTL-2586: LOCATE ANCHORS 6 3/4" MAXIMUM FROM FRAME ENDS & 20" O.C. MAX., PER TEST MOCK-UP.
 TEST REPORT NO. FTL-2551: LOCATE ANCHORS 7" MAXIMUM FROM FRAME ENDS & 21" O.C. MAX., PER TEST MOCK-UP.
2. JAMB FRAME ANCHORS:
 TEST REPORT NO. FTL-2552: LOCATE ANCHORS 7 1/4" MAXIMUM FROM FRAME ENDS & 19 1/4" O.C. MAX., PER TEST MOCK-UP.
 TEST REPORT NO. FTL-2586: LOCATE ANCHORS 6" MAXIMUM FROM FRAME ENDS & 14 1/2" O.C. MAX., PER TEST MOCK-UP.
 TEST REPORT NO. FTL-2551: LOCATE ANCHORS 6 3/4" MAXIMUM FROM FRAME ENDS & 21 1/4" O.C. MAX., PER TEST MOCK-UP.
3. MEETING RAIL ANCHORS:
 TEST REPORT NO. FTL-2552: LOCATE ONE (1) JAMB ANCHOR ON EACH SIDE OF MEETING RAIL WITHIN 6" FROM MEETING RAIL CENTERLINE.
 TEST REPORT NO. FTL-2586: LOCATE ONE (1) JAMB ANCHOR ON EACH SIDE OF MEETING RAIL WITHIN 6" FROM MEETING RAIL CENTERLINE.
 TEST REPORT NO. FTL-2551: LOCATE ONE (1) JAMB ANCHOR ON EACH SIDE OF MEETING RAIL WITHIN 6" FROM MEETING RAIL CENTERLINE.
4. ABOVE ANCHOR SPACINGS ARE MAXIMUMS - SPACING BETWEEN ADJACENT ANCHORS MUST BE NOT LESS THAN 3" ON CENTER.
5. ELEVATIONS ARE SCALED VIEWS OF "TEST SIZE" UNITS FOR EACH TEST REPORT LISTED ABOVE.
6. LOCATE HEAD, SILL, JAMB AND MEETING RAIL ANCHORS FOR OTHER SIZE UNITS PER NOTES 1, 2, 3, AND 4 - ALSO REFER TO "COMPARATIVE ANALYSIS" TABLES FOR MINIMUM ANCHOR QUANTITIES REQUIRED FOR WINDOW FRAME SIZES LISTED.

PRODUCT REVISED
 as complying with the Florida
 Building Code
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 By: *Manuel Perez*
 Miami Dade Product Control
 Division

TM WINDOW & DOOR CO.
 601 NW 12 AVE., POMPANO BEACH, FL

SERIES 910 SINGLE HUNG WINDOW

GLASS TYPE AS NOTED

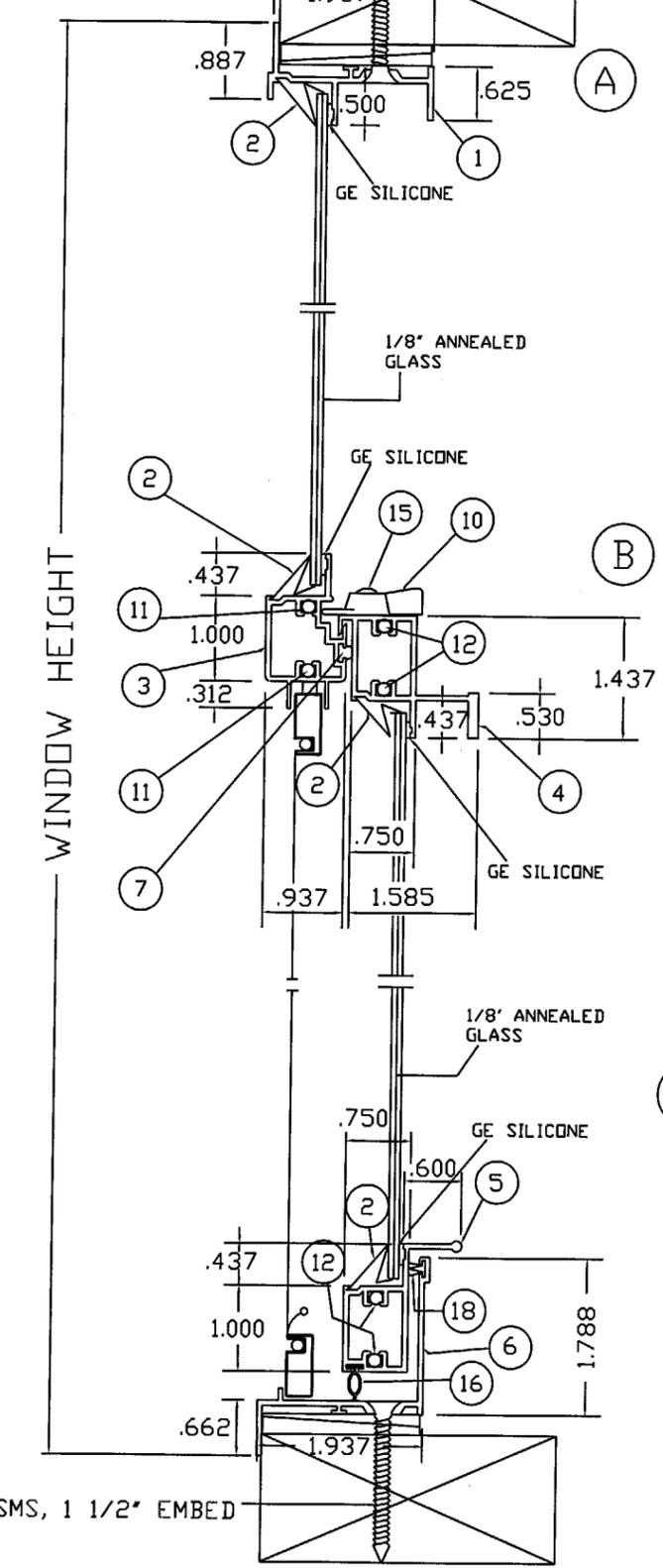
TEST LAB: FENESTRATION TESTING LABORATORY, INC.

FILE NO. PA00910	CONFIG. SEE ELEV.	Sheet: 2 OF 8	Date: 2-23-01	Rev. 1
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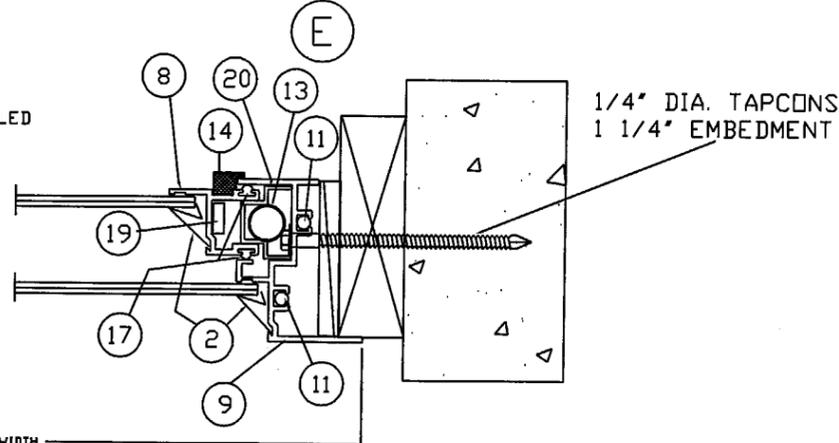
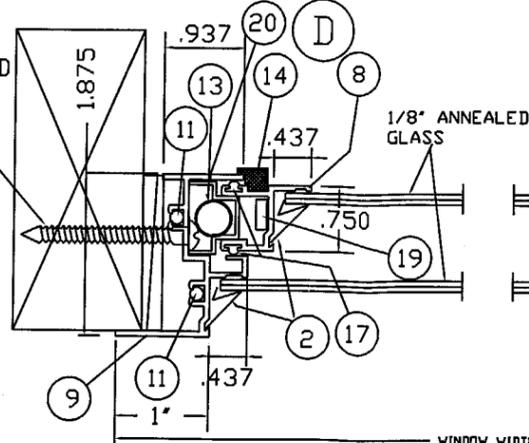
BALLARD L. ARGUS, P.E.
 844 N.W. 91 TERRACE
 PLANTATION, FL 33324

Ballard L. Argus
 10/21/03
 FLORIDA No. 35686, CIVIL

#14 X 2" FH SS,
SMS, 1 1/2" EMBED



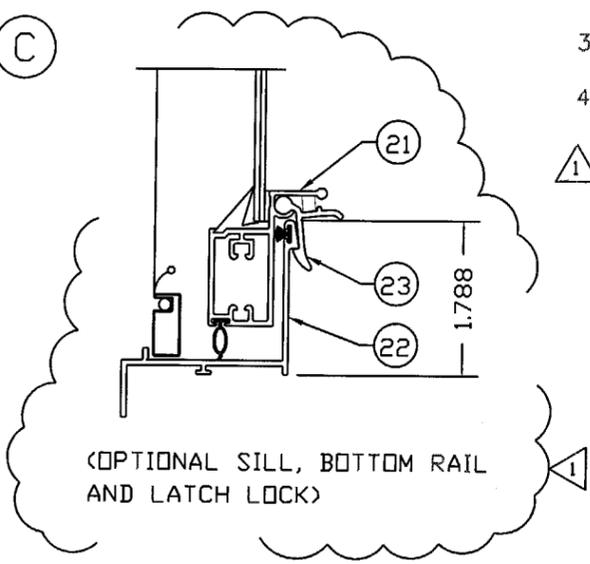
#14 X 2" FH SS,
SMS, 1 1/2" EMBED



Size Codes	Project Code	Window Frame Size		Design Pressure Rating		Req'd Anchor Quantities (Notes 1, 2, & 3)		
		Width (in.)	Width (in.)	1.788" Sill Height		"B" Anch	"B" Anch	"C" Anch
				With and Without Screen		Head/Sill	Jambs	Jambs
				Pos + Dp (psf)	Neg - Dp (psf)			
Industry	14	19 1/8	50 5/8	52.0	-66.7	2	2	2
	14.5	19 1/8	56 5/8	52.0	-66.7	2	2	2
	15	19 1/8	63	52.0	-66.7	2	2	2
	16	19 1/8	76 3/4	52.0	-66.7	2	4	2
	H33	26 1/2	38 3/8	52.0	-66.7	2	2	2
	H34	26 1/2	50 5/8	52.0	-66.7	2	2	2
	H34.5	26 1/2	56 5/8	52.0	-66.7	2	2	2
	H35	26 1/2	63	52.0	-66.7	2	2	2
	H36	26 1/2	76 3/4	52.0	-64.0	2	4	2
	22	37	26	52.0	-66.7	2	2	2
	23	37	38 3/8	52.0	-66.7	2	2	2
	24	37	50 5/8	52.0	-66.3	2	2	2
	24E	37	56 5/8	52.0	-61.5	2	2	2
	25	37	63	52.0	-55.0	2	2	2
32	53 1/8	26	37.4	-37.4	3	2	2	
33	53 1/8	38 3/8	26.1	-26.1	3	2	2	
Modular	2070	24	84	52.0	-65.0	2	4	2
	2080	24	96	52.0	-56.6	2	4	2

NOTES:

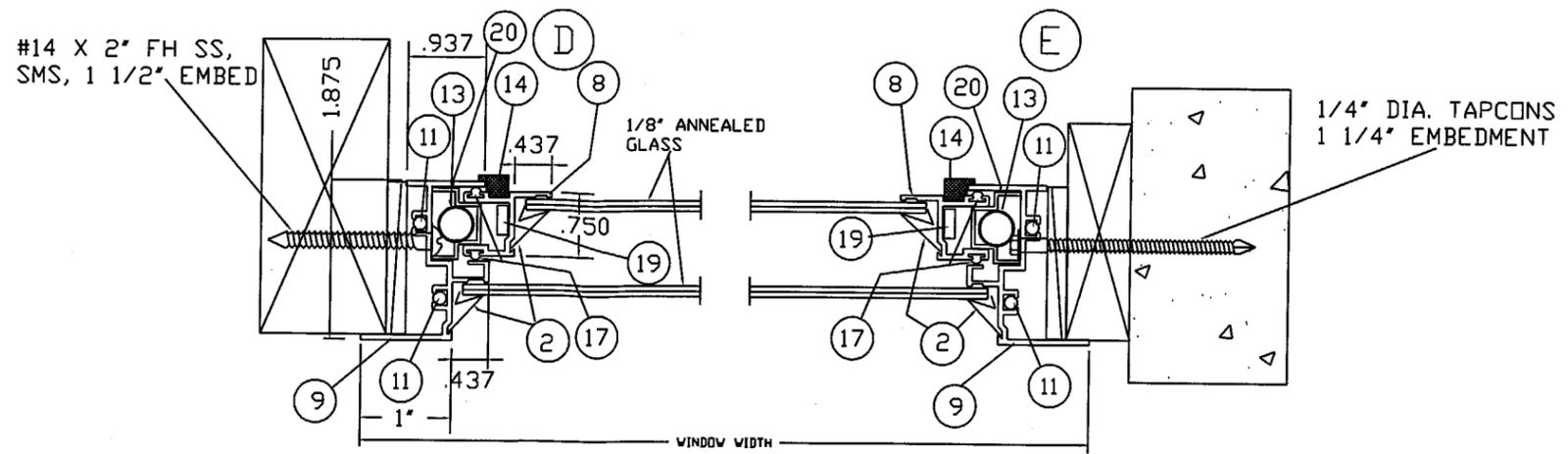
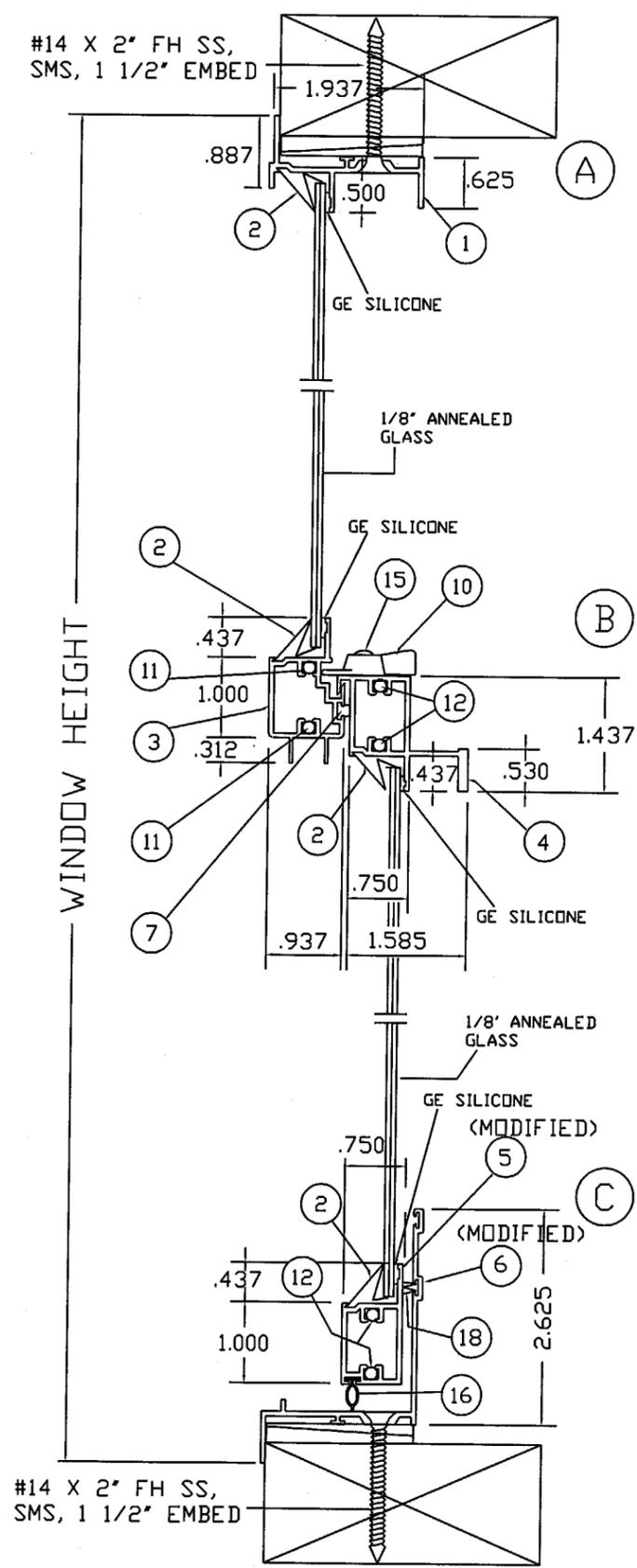
- LOCATE TYPE "Bh" AND "Bs" HEAD AND SILL ANCHORS AT 6 3/4" MAXIMUM FROM FRAME ENDS AND 23 1/2" O.C. MAXIMUM, PER TEST MOCK-UP.
 - LOCATE TYPE "Bj" JAMB ANCHORS AT 7 1/4" MAXIMUM FROM FRAME ENDS AND 19 1/4" O.C. MAXIMUM, PER TEST MOCK-UP.
 - LOCATE ONE (1) TYPE "Cj" JAMB ANCHOR ON EACH SIDE OF MEETING RAIL, AT 6" FROM MEETING RAIL CENTERLINE.
 - ABOVE ANCHOR SPACINGS ARE MAXIMUMS-- SPACING BETWEEN ADJACENT ANCHORS MUST BE NOT LESS THAN 3" O.C.
- ⚠ REFERENCE TEST REPORT No. FTL-3954, 3/16" ANNEALED GLASS W/ .375" MIN. BITE. LOW SILL, WITH SPRING LOADED SILL LOCK ASSEMBLY IN LIEU OF METALLIC CAM LOCK AT FIXED MEETING RAIL.



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TM WINDOW & DOOR CO.
601 NW 12 AVE., POMPANO BEACH, FL
SERIES 910 SINGLE HUNG WINDOW
GLASS TYPE : 1/8" ANNEALED GLASS
TEST LAB: FENESTRATION TESTING LABORATORY, INC.
TEST REPORT: FTL 2552 W/ LOW SILL
FILE NO. CONFIG. Sheet: Date: Rev. 1
PA00910 SEE ELEV. 3 OF 8 2-23-01 10/15/03

BALLARD L. ARGUS, P.E.
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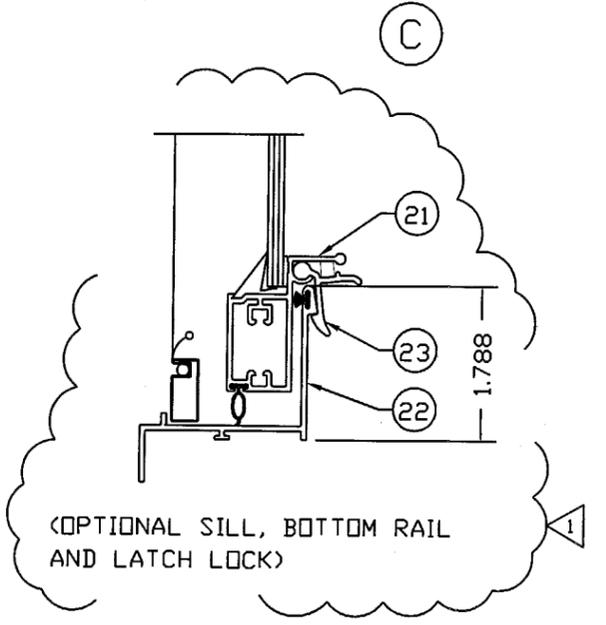
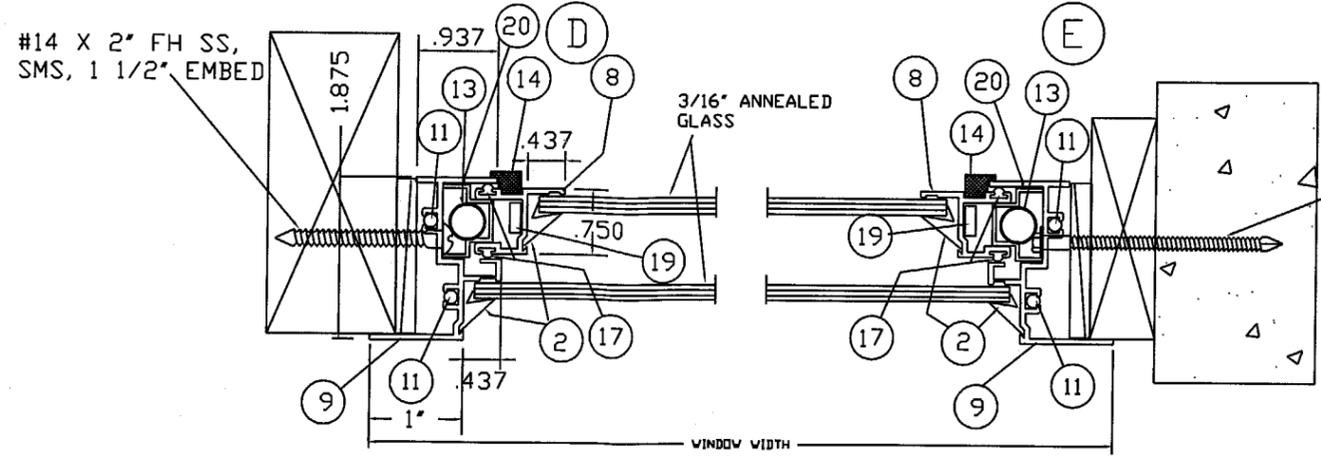
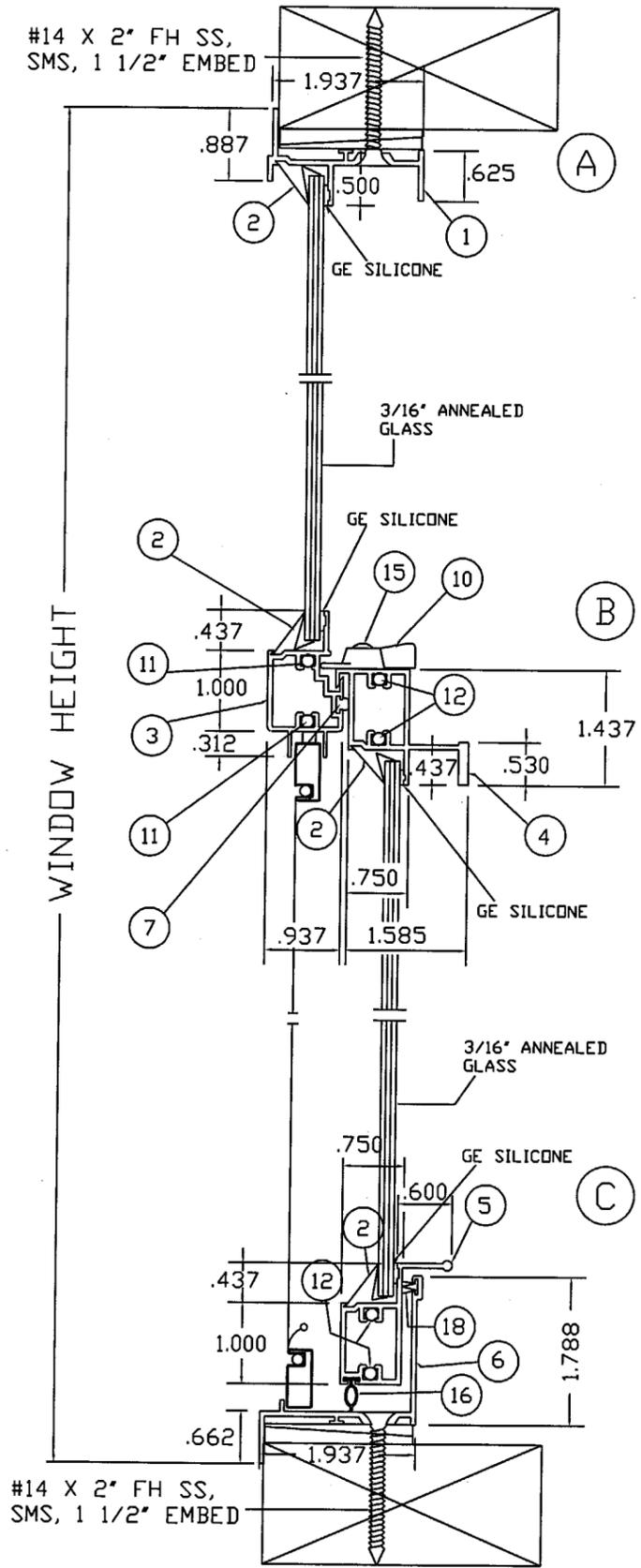
Size Codes	Project Code	Window Frame Size		Design Pressure Rating		Req'd Anchor Quantities (Notes 1, 2, & 3)		
		Width (in.)	Width (in.)	2.625 Sill Height		"B" Anch Head/Sill	"B" Anch Jambs	"C" Anch Jambs
				With and Without Screen				
				Pos + Dp (psf)	Neg - Dp (psf)			
Industry	14	19 1/8	50 5/8	66.7	-66.7	2	2	2
	14.5	19 1/8	56 5/8	66.7	-66.7	2	2	2
	15	19 1/8	63	66.7	-66.7	2	2	2
	16	19 1/8	76 3/4	66.7	-66.7	2	4	2
	H33	26 1/2	38 3/8	66.7	-66.7	2	2	2
	H34	26 1/2	50 5/8	66.7	-66.7	2	2	2
	H34.5	26 1/2	56 5/8	66.7	-66.7	2	2	2
	H35	26 1/2	63	66.7	-66.7	2	2	2
	H36	26 1/2	76 3/4	64.0	-64.0	2	4	2
	22	37	26	66.7	-66.7	2	2	2
	23	37	38 3/8	66.7	-66.7	2	2	2
	24	37	50 5/8	66.3	-66.3	2	2	2
	24E	37	56 5/8	61.5	-61.5	2	2	2
	25	37	63	55.0	-55.0	2	2	2
	32	53 1/8	26	37.4	-37.4	3	2	2
	33	53 1/8	38 3/8	26.1	-26.1	3	2	2
Modular	2070	24	84	65.0	-65.0	2	4	2
	2080	24	96	56.6	-56.6	2	4	2

- NOTES:
- LOCATE TYPE "Bh" AND "Bs" HEAD AND SILL ANCHORS AT 6 3/4" MAXIMUM FROM FRAME ENDS AND 23 1/2" O.C. MAXIMUM, PER TEST MOCK-UP.
 - LOCATE TYPE "Bj" JAMB ANCHORS AT 7 1/4" MAXIMUM FROM FRAME ENDS AND 19 1/4" O.C. MAXIMUM, PER TEST MOCK-UP.
 - LOCATE ONE (1) TYPE "Cj" JAMB ANCHOR ON EACH SIDE OF MEETING RAIL, AT 6" FROM MEETING RAIL CENTERLINE.
 - ABOVE ANCHOR SPACINGS ARE MAXIMUMS-- SPACING BETWEEN ADJACENT ANCHORS MUST BE NOT LESS THAN 3" O.C.

PRODUCT REVISED
 as complying with the Florida
 Building Code
 Acceptance No. **03-1020-01**
 Expiration Date **APRIL 12, 2006**
 By *M. J. [Signature]*
 Miami Dade Product Control
 Division

TM WINDOW & DOOR CO.
 601 NW 12 AVE., POMPANO BEACH, FL
 SERIES 910 SINGLE HUNG WINDOW
 GLASS TYPE : 1/8" ANNEALED GLASS
 TEST LAB: FENESTRATION TESTING LABORATORY, INC.
 TEST REPORT: FTL 2552 W/ HIGH SILL
 FILE NO. CONFIG. Sheet: Date: Rev. 1
 PA00910 SEE ELEV. 4 OF 8 2-23-01 10/15/03

BALLARD L. ARGUS, P.E.
 844 NW 91 TERRACE
 PLANTATION, FL 33324
[Signature]
 10/21/03
 FLORIDA No. 35686, CIVIL



Size Codes	Project Code	Window Frame Size		Design Pressure Rating		Req'd Anchor Quantities (Notes 1, 2, & 3)		
		Width (in.)	Width (in.)	1.788" Sill Height		"B" Anch	"B" Anch	"C" Anch
				Pos + Dp (psf)	Neg - Dp (psf)	Head/Sill	Jamb	Jamb
	14	19 1/8	50 5/8	52.0	-76.4	2	2	2
	14.5	19 1/8	56 5/8	52.0	-76.4	2	4	2
	15	19 1/8	63	52.0	-76.4	2	4	2
	16	19 1/8	76 3/4	52.0	-76.4	2	4	2
	H33	26 1/2	38 3/8	52.0	-76.4	2	2	2
	H34	26 1/2	50 5/8	52.0	-76.4	2	2	2
	H34.5	26 1/2	56 5/8	52.0	-76.4	2	4	2
	H35	26 1/2	63	52.0	-76.4	2	4	2
	H36	26 1/2	76 3/4	52.0	-76.4	2	4	2
Industry	22	37	26	52.0	-76.4	3	2	2
	23	37	38 3/8	52.0	-76.4	3	2	2
	24	37	50 5/8	52.0	-76.4	3	2	2
	24E	37	56 5/8	52.0	-76.4	3	4	2
	25	37	63	52.0	-76.4	3	4	2
	26	37	76 3/4	52.0	-76.1	3	4	2
	32	53 1/8	26	52.0	-76.4	3	2	2
	33	53 1/8	38 3/8	52.0	-62.4	3	2	2
	34	53 1/8	50 5/8	50.9	-50.9	3	2	2
	34E	53 1/8	56 5/8	47.2	-47.2	3	4	2
Modular	35	53 1/8	63	44.2	-44.2	3	4	2
	36	53 1/8	76 3/4	40.0	-40.0	3	4	2
	2070	24	84	52.0	-76.4	2	6	2
	3070	36	84	52.0	-75.5	3	6	2
	4070	48	84	45.9	-45.9	3	6	2
	2080	24	96	52	-76.4	2	6	2
	3080	36	96	52	-65.8	3	6	2

- NOTES:
- LOCATE TYPE "Bh" AND "Bs" HEAD AND SILL ANCHORS AT 6 3/4" MAXIMUM FROM FRAME ENDS AND 20" O.C. MAXIMUM, PER TEST MOCK-UP.
 - LOCATE TYPE "Bj" JAMB ANCHORS AT 6" MAXIMUM FROM FRAME ENDS AND 14 1/2" O.C. MAXIMUM, PER TEST MOCK-UP.
 - LOCATE ONE (1) TYPE "Cj" JAMB ANCHOR ON EACH SIDE OF MEETING RAIL, AT 6" FROM MEETING RAIL CENTERLINE.
 - ABOVE ANCHOR SPACINGS ARE MAXIMUMS-- SPACING BETWEEN ADJACENT ANCHORS MUST BE NOT LESS THAN 3" O.C.
- 1 REFERENCE TEST REPORT No. FTL-3954, 3/16" ANNEALED GLASS W/ .375" MIN. BITE. LOW SILL, WITH SPRING LOADED SILL LOCK ASSEMBLY IN LIEU OF METALLIC CAM LOCK AT FIXED MEETING RAIL.

TM WINDOW & DOOR CO.
 601 NW 12 AVE., POMPANO BEACH, FL

SERIES 910 SINGLE HUNG WINDOW

GLASS TYPE : 3/16" ANNEALED GLASS

TEST LAB: FENESTRATION TESTING LABORATORY, INC.

TEST REPORT: FTL -2586 LOW SILL

FILE NO. CONFIG. Sheet: Date: Rev. 1
 PA00910 SEE ELEV. 5 OF 8 2-23-01 10/15/03

PRODUCT REVISED as complying with the Florida Building Code
 Acceptance No. 03-1070.01
 Expiration Date APRIL 12, 2006

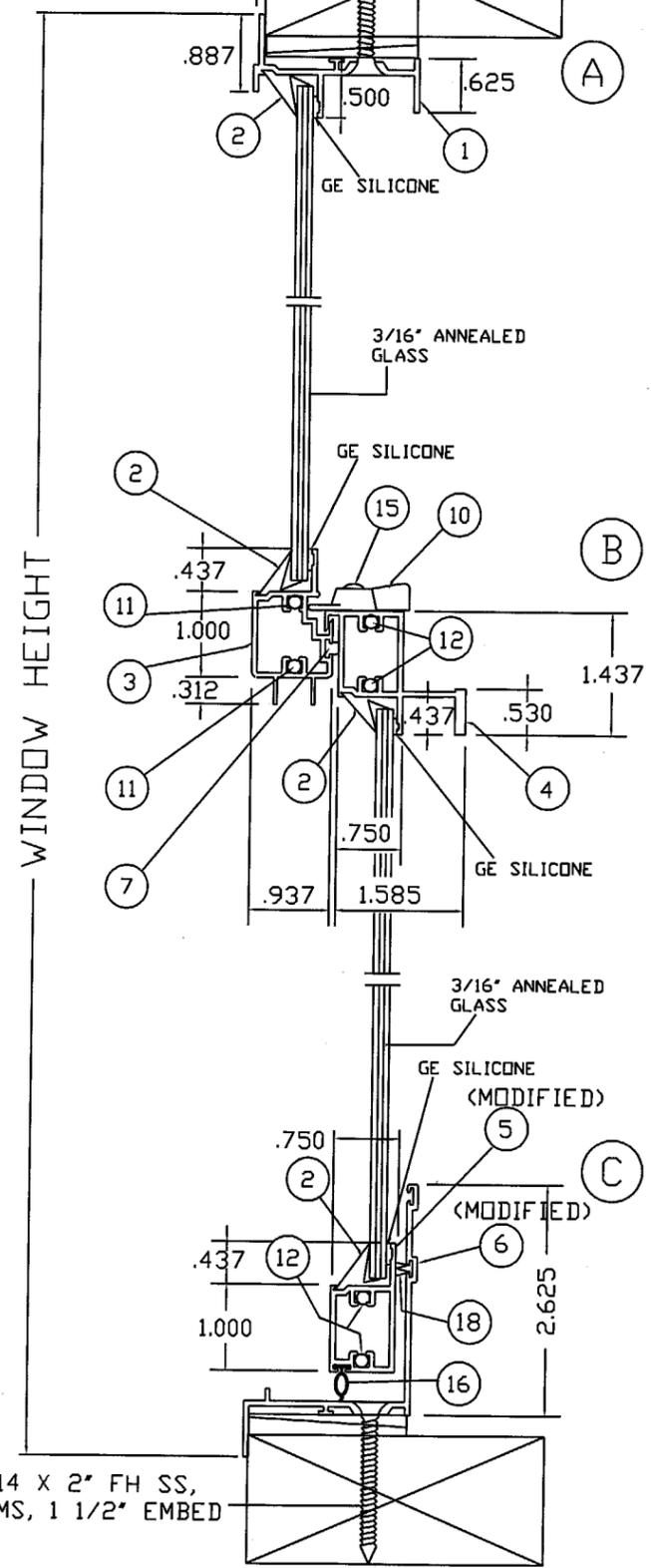
By *Wanda Jones*
 Miami Dade Product Control Division

BALLARD L. ARGUS, P.E.
 844 N.W. 91 TERRACE
 PLANTATION, FL 33324

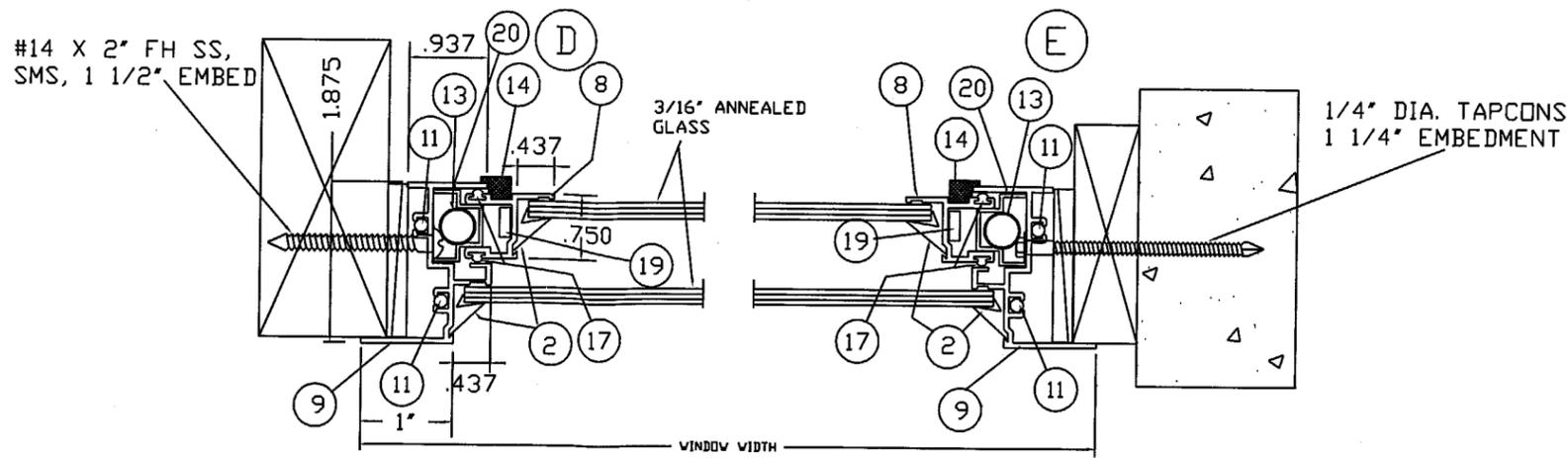
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10/21/03
 FLORIDA No. 35686, CIVIL

#14 X 2" FH SS,
SMS, 1 1/2" EMBED



#14 X 2" FH SS,
SMS, 1 1/2" EMBED



WINDOW HEIGHT

WINDOW WIDTH

Size Codes	Project Code	Window Frame Size		Design Pressure Rating		Req'd Anchor Quantities (Notes 1, 2, & 3)		
		Width (in.)	Width (in.)	2.625" Sill Height		"B" Anch	"B" Anch	"C" Anch
				With and Without Screen	Pos + Dp (psf)	Neg - Dp (psf)	Head/Sill	Jambs
	14	19 1/8	50 5/8	66.7	-76.4	2	2	2
	14.5	19 1/8	56 5/8	66.7	-76.4	2	4	2
	15	19 1/8	63	66.7	-76.4	2	4	2
	16	19 1/8	76 3/4	66.7	-76.4	2	4	2
	H33	26 1/2	38 3/8	66.7	-76.4	2	2	2
	H34	26 1/2	50 5/8	66.7	-76.4	2	2	2
	H34.5	26 1/2	56 5/8	66.7	-76.4	2	4	2
	H35	26 1/2	63	66.7	-76.4	2	4	2
	H36	26 1/2	76 3/4	66.7	-76.4	2	4	2
Industry	22	37	26	66.7	-76.4	3	2	2
	23	37	38 3/8	66.7	-76.4	3	2	2
	24	37	50 5/8	66.7	-76.4	3	2	2
	24E	37	56 5/8	66.7	-76.4	3	4	2
	25	37	63	66.7	-76.4	3	4	2
	26	37	76 3/4	66.7	-76.1	3	4	2
	32	53 1/8	26	66.7	-76.4	3	2	2
	33	53 1/8	38 3/8	62.4	-62.4	3	2	2
	34	53 1/8	50 5/8	50.9	-50.9	3	2	2
	34E	53 1/8	56 5/8	47.2	-47.2	3	4	2
Modular	35	53 1/8	63	44.2	-44.2	3	4	2
	36	53 1/8	76 3/4	40.0	-40.0	3	4	2
	2070	24	84	66.7	-76.4	2	6	2
	3070	36	84	66.7	-75.5	3	6	2
	4070	48	84	45.9	-45.9	3	6	2
	2080	24	96	66.7	-76.4	2	6	2
	3080	36	96	65.8	-65.8	3	6	2

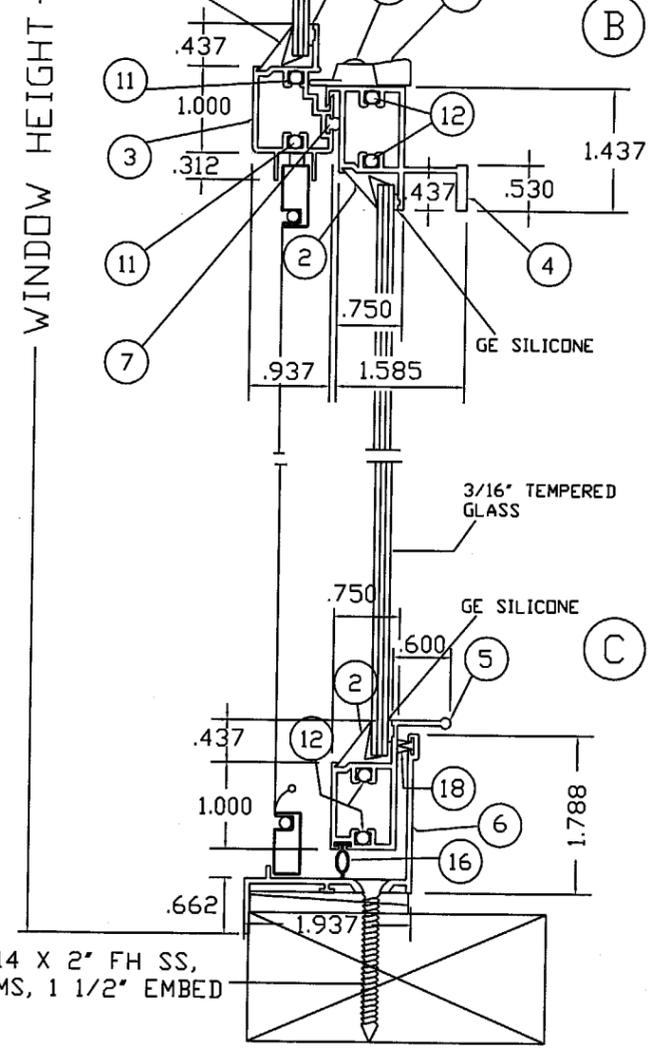
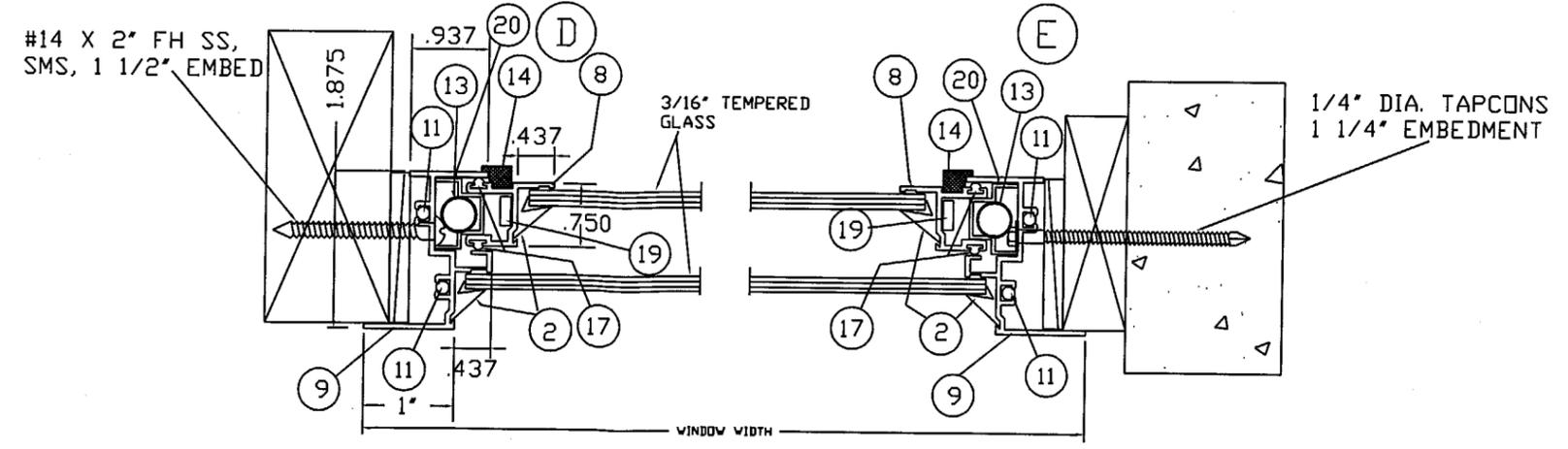
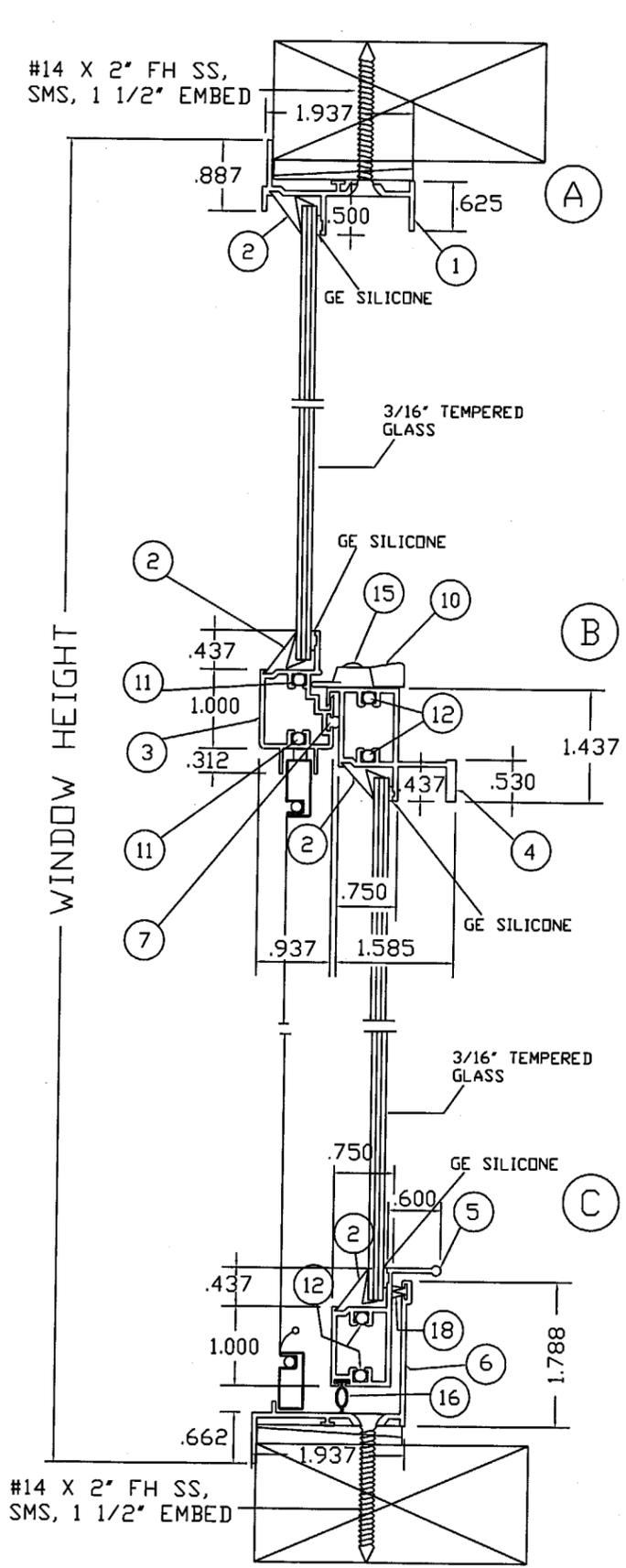
- NOTES:
- LOCATE TYPE "Bh" AND "Bs" HEAD AND SILL ANCHORS AT 6 3/4" MAXIMUM FROM FRAME ENDS AND 20" O.C. MAXIMUM, PER TEST MOCK-UP.
 - LOCATE TYPE "Bj" JAMB ANCHORS AT 6" MAXIMUM FROM FRAME ENDS AND 14 1/2" O.C. MAXIMUM, PER TEST MOCK-UP.
 - LOCATE ONE (1) TYPE "Cj" JAMB ANCHOR ON EACH SIDE OF MEETING RAIL, AT 6" FROM MEETING RAIL CENTERLINE.
 - ABOVE ANCHOR SPACINGS ARE MAXIMUMS-- SPACING BETWEEN ADJACENT ANCHORS MUST BE NOT LESS THAN 3" O.C.

TM WINDOW & DOOR CO.
 601 NW 12 AVE., POMPANO BEACH, FL
 SERIES 910 SINGLE HUNG WINDOW
 GLASS TYPE : 3/16" ANNEALED GLASS
 TEST LAB: FENESTRATION TESTING LABORATORY, INC.
 TEST REPORT: FTL 2586 W/ HIGH SILL
 FILE NO. CONFIG. Sheet Date: Rev. 1
 PA00910SEE ELEV. 6 OF 8 2-23-01 10/15/03

PRODUCT REVISED
 as complying with the Florida
 Building Code
 Acceptance No 03-1020.01
 Expiration Date APRIL 12, 2006
 By Manuel Perez
 Miami Dade Product Control
 Division

BALLARD L. ARGUS, P.E.
 844 N.W. 91 TERRACE
 PLANTATION, FL 33324

 10/21/03
 FLORIDA No. 35686, CIVIL



Size Codes	Project Code	Window Frame Size		Design Pressure Rating		Req'd Anchor Quantities (Notes 1, 2, & 3)		
		Width (in.)	Width (in.)	1.788" Sill Height		"B" Anch Head/Sill	"B" Anch Jambs	"C" Anch Jambs
				With and Without Screen	Pos + Dp (psf)			
Industry	14	19 1/8	50 5/8	52.0	-76.4	2	2	2
	14.5	19 1/8	56 5/8	52.0	-76.4	2	2	2
	15	19 1/8	63	52.0	-76.4	2	2	2
	16	19 1/8	76 3/4	52.0	-76.4	2	4	2
	H33	26 1/2	38 3/8	52.0	-76.4	2	2	2
	H34	26 1/2	50 5/8	52.0	-76.4	2	2	2
	H34.5	26 1/2	56 5/8	52.0	-76.4	2	2	2
	H35	26 1/2	63	52.0	-76.4	2	2	2
	H36	26 1/2	76 3/4	52.0	-76.4	2	4	2
	22	37	26	52.0	-76.4	3	2	2
	23	37	38 3/8	52.0	-76.4	3	2	2
	24	37	50 5/8	52.0	-76.4	3	2	2
	24E	37	56 5/8	52.0	-76.4	3	2	2
	25	37	63	52.0	-76.4	3	2	2
	26	37	76 3/4	52.0	-76.4	3	4	2
	32	53 1/8	26	52.0	-76.4	3	2	2
	33	53 1/8	38 3/8	52.0	-67.9	3	2	2
	34	53 1/8	50 5/8	52.0	-55.4	3	2	2
	34E	53 1/8	56 5/8	51.4	-51.4	3	2	2
	35	53 1/8	63	48.2	-48.2	3	2	2
36	53 1/8	76 3/4	43.5	-43.5	3	4	2	
Modular	2070	24	84	52.0	-76.4	2	4	2
	3070	36	84	52.0	-76.4	3	4	2
	4070	48	84	50.0	-50.0	3	4	2
	4670	54		40.9	-40.9	3	4	2
	2080	24	96	52.0	-76.4	2	4	2
	3080	36	96	52.0	-76.4	3	4	2
	4080	48	96	49.2	-49.2	3	4	2

- NOTES:
- LOCATE TYPE "Bh" AND "Bs" HEAD AND SILL ANCHORS AT 7" MAXIMUM FROM FRAME ENDS AND 21" O.C. MAXIMUM, PER TEST MOCK-UP.
 - LOCATE TYPE "Bj" JAMB ANCHORS AT 6 3/4" MAXIMUM FROM FRAME ENDS AND 21 1/4" O.C. MAXIMUM, PER TEST MOCK-UP.
 - LOCATE ONE (1) TYPE "Cj" JAMB ANCHOR ON EACH SIDE OF MEETING RAIL, AT 6" FROM MEETING RAIL CENTERLINE.
 - ABOVE ANCHOR SPACINGS ARE MAXIMUMS-- SPACING BETWEEN ADJACENT ANCHORS MUST BE NOT LESS THAN 3" O.C.

TM WINDOW & DOOR CO.
 601 NW 12 AVE., POMPANO BEACH, FL

SERIES 910 SINGLE HUNG WINDOW

GLASS TYPE : 3/16" TEMPERED GLASS

TEST LAB: FENESTRATION TESTING LABORATORY, INC.

TEST REPORT: FTL 2551 W/ LOW SILL

FILE NO. CONFIG. Sheet: Date: Rev. 1
 PA00910 SEE ELEV. 7 OF 8 2-23-01 10/15/03

PRODUCT REVISED
 as complying with the Florida
 Building Code
 Acceptance No. 03-1020.01
 Expiration Date APRIL 12, 2006

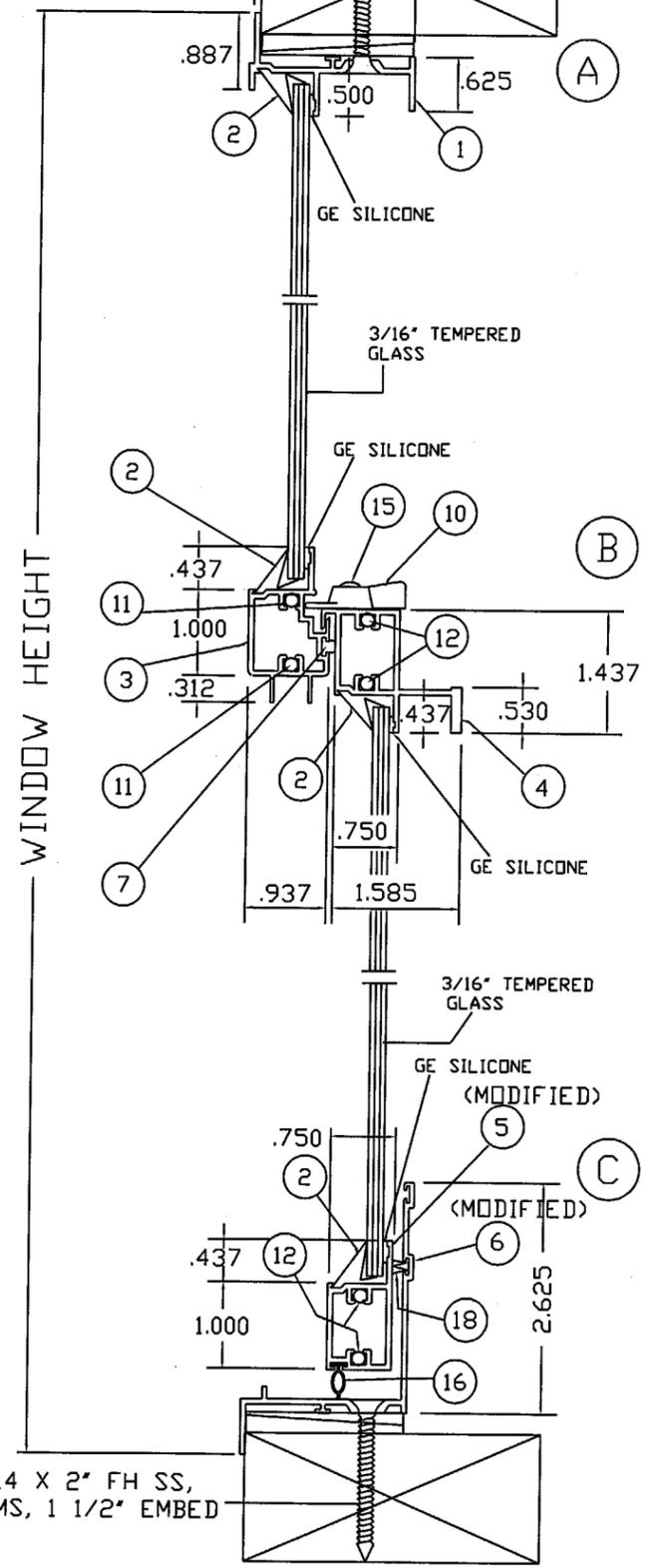
By *Manuel Argus*
 Miami Dade Product Control
 Division

BALLARD L. ARGUS, P.E.
 844 N.W. 91 TERRACE
 PLANTATION, FL 33324

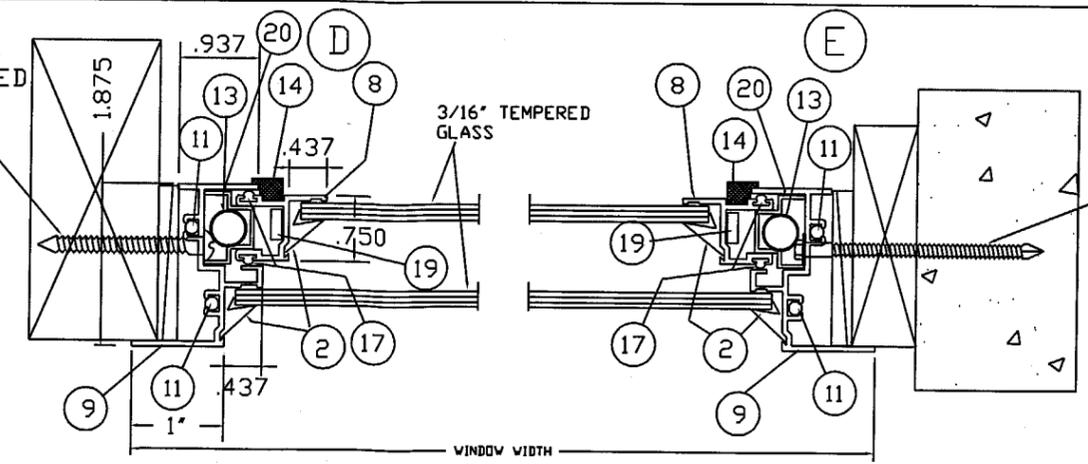
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10/21/03
 FLORIDA No. 35686, CIVIL

#14 X 2" FH SS,
SMS, 1 1/2" EMBED



#14 X 2" FH SS,
SMS, 1 1/2" EMBED



1/4" DIA. TAPCONS
1 1/4" EMBEDMENT

WINDOW HEIGHT

WINDOW WIDTH

Size Codes	Project Code	Window Frame Size		Design Pressure Rating		Req'd Anchor Quantities (Notes 1, 2, & 3)		
		Width (in.)	Width (in.)	2.625 Sill Height		"B" Anch	"B" Anch	"C" Anch
				With and Without Screen		Head/Sill	Jambs	Jambs
				Pos + Dp (psf)	Neg - Dp (psf)			
	14	19 1/8	50 5/8	66.7	-76.4	2	2	2
	14.5	19 1/8	56 5/8	66.7	-76.4	2	2	2
	15	19 1/8	63	66.7	-76.4	2	2	2
	16	19 1/8	76 3/4	66.7	-76.4	2	4	2
	H33	26 1/2	38 3/8	66.7	-76.4	2	2	2
	H34	26 1/2	50 5/8	66.7	-76.4	2	2	2
	H34.5	26 1/2	56 5/8	66.7	-76.4	2	2	2
	H35	26 1/2	63	66.7	-76.4	2	2	2
	H36	26 1/2	76 3/4	66.7	-76.4	2	4	2
Industry	22	37	26	66.7	-76.4	3	2	2
	23	37	38 3/8	66.7	-76.4	3	2	2
	24	37	50 5/8	66.7	-76.4	3	2	2
	24E	37	56 5/8	66.7	-76.4	3	2	2
	25	37	63	66.7	-76.4	3	2	2
	26	37	76 3/4	66.7	-76.4	3	4	2
	32	53 1/8	26	66.7	-76.4	3	2	2
	33	53 1/8	38 3/8	66.7	-67.9	3	2	2
	34	53 1/8	50 5/8	55.4	-55.4	3	2	2
	34E	53 1/8	56 5/8	51.4	-51.4	3	2	2
	35	53 1/8	63	48.2	-48.2	3	2	2
	36	53 1/8	76 3/4	43.5	-43.5	3	4	2
Modular	2070	24	84	66.7	-76.4	2	4	2
	3070	36	84	66.7	-76.4	3	4	2
	4070	48	84	50.0	-50.0	3	4	2
	4670	54	84	40.9	-40.9	3	4	2
	2080	24	96	66.7	-76.4	2	4	2
	3080	36	96	66.7	-76.4	3	4	2
	4080	48	96	49.2	-49.2	3	4	2

- NOTES:
- LOCATE TYPE "B_H" AND "B_S" HEAD AND SILL ANCHORS AT 7" MAXIMUM FROM FRAME ENDS AND 21" O.C. MAXIMUM, PER TEST MOCK-UP.
 - LOCATE TYPE "B_J" JAMB ANCHORS AT 6 3/4" MAXIMUM FROM FRAME ENDS AND 21 1/4" O.C. MAXIMUM, PER TEST MOCK-UP.
 - LOCATE ONE (1) TYPE "C_J" JAMB ANCHOR ON EACH SIDE OF MEETING RAIL, AT 6" FROM MEETING RAIL CENTERLINE.
 - ABOVE ANCHOR SPACINGS ARE MAXIMUMS-- SPACING BETWEEN ADJACENT ANCHORS MUST BE NOT LESS THAN 3" O.C.

TM WINDOW & DOOR CO.
601 NW 12 AVE., POMPANO BEACH, FL

SERIES 910 SINGLE HUNG WINDOW

GLASS TYPE : 3/16" TEMPERED GLASS

TEST LAB: FENESTRATION TESTING LABORATORY, INC.

TEST REPORT: FTL 2551 W/ HIGH SILL

FILE NO. CONFIG. Sheet: Date: Rev. 1
PA00910 SEE ELEV. 8 OF 8 | 2-23-01 | 10/15/03

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 03-1020.01
Expiration Date APRIL 12, 2006

By Manuel Sere
Miami Dade Product Control
Division

BALLARD L. ARGUS, P.E.
844 N.W. 91 TERRACE
PLANTATION, FL 33324

[Signature]

10/21/03
FLORIDA No. 35686, CIVIL