



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

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

Your application for Notice of Acceptance (NOA) of:

Series 910 Aluminum Single Hung Window

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.

Raul Rodriguez
Chief Product Control Division

ACCEPTANCE NO.: 00-0919.04
EXPIRES: 04/12/2006

**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: 04/12/2001



T M Window & Door Co.

ACCEPTANCE No.: 00-0919.04

APPROVED : APR 12 2001

EXPIRES : APR 12 2006

NOTICE OF ACCEPTANCE: SPECIFIC CONDITIONS

1. SCOPE

- 1.1 This approves an aluminum single hung window as described in Section 2 of this Notice of Acceptance, 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 910 Aluminum Single Hung Window** and its components shall be constructed in strict compliance with the following documents: Drawing No **PA00910**, titled "Series 910 Single Hung Window", Sheets 1 through 8 of 8, dated 2/23/01, prepared by manufacturer, signed and sealed by Ballard L. Argus, P.E., bearing the Miami-Dade County Product Control approval stamp with the Notice of Acceptance number and approval date by the Miami-Dade County Product Control Division. These documents shall hereinafter be referred to as the approved drawings.

3. LIMITATIONS

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

4. INSTALLATION

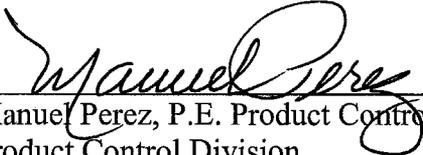
- 4.1 The aluminum single hung window and its components shall be installed in strict compliance with the approved drawings.
- 4.2 Hurricane protection system (shutters): the installation of this unit **will require** a hurricane protection system.

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.


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

T M Window & Door Co.

ACCEPTANCE No.: 00-0919.04

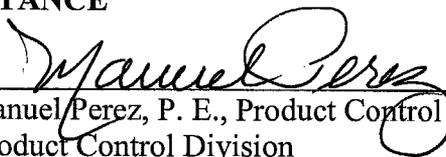
APPROVED : APR 12 2001

EXPIRES : APR 12 2006

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


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

T M Window & Door Co.

ACCEPTANCE No.: 00-0919.04

APPROVED : APR 12 2001

EXPIRES : APR 12 2006

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

(For File ONLY. Not part of NOA.)

A. DRAWINGS

1. Manufacturer's die drawings and sections.
2. Drawing No **PA00910**, titled "Series 910 Single Hung Window", Sheets 1 through 8 of 8, dated 3/23/01, 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 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.
2. 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.
3. 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.

C. CALCULATIONS

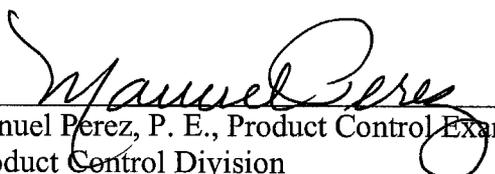
1. Comparative analysis and anchor calculations, dated 6/16/00 and 6/20/90 prepared, signed and sealed by Ballard L. Argus, P.E.

D. MATERIAL CERTIFICATIONS

1. None.

E. 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.


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

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(For File ONLY. Not part of NOA.)

3. Laboratory compliance letter for Test Report no. FTL- 2551, issued by Fenestration Testing Laboratory, Inc., dated February 22, 2000, signed and sealed by Aldo P. Gonzalez, P.E.
4. Laboratory compliance letter for Test Report no. FTL- 2552, issued by Fenestration Testing Laboratory, Inc., dated February 22, 2000, signed and sealed by Aldo P. Gonzalez, P.E.
5. Laboratory compliance letter for Test Report no. FTL- 2586, issued by Fenestration Testing Laboratory, Inc., dated February 22, 2000, signed and sealed by Aldo P. Gonzalez, P.E.

F. OTHER

1. None.



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

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

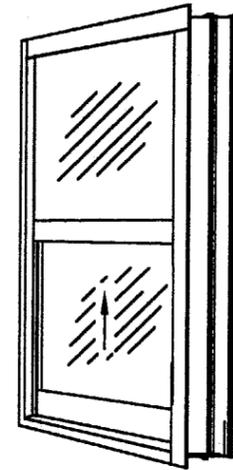
SERIES 910 ALUMINUM SINGLE HUNG WINDOW.

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



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.

APPROVED AS COMPLYING WITH THE
SOUTH FLORIDA BUILDING CODE
DATE APR 12 2001
BY Manuel Lopez
PRODUCT CONTROL DIVISION
BUILDING CODE COMPLIANCE OFFICE
ACCEPTANCE NO. 00-0919.04

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

SERIES 910 SINGLE HUNG WINDOW

GLASS TYPE AS NOTED

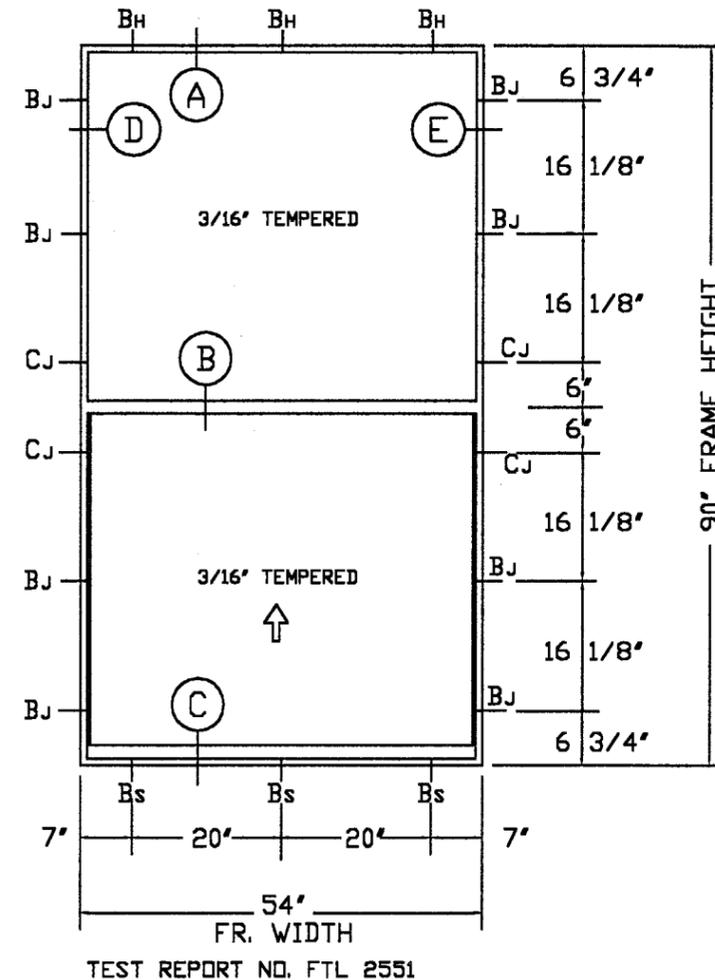
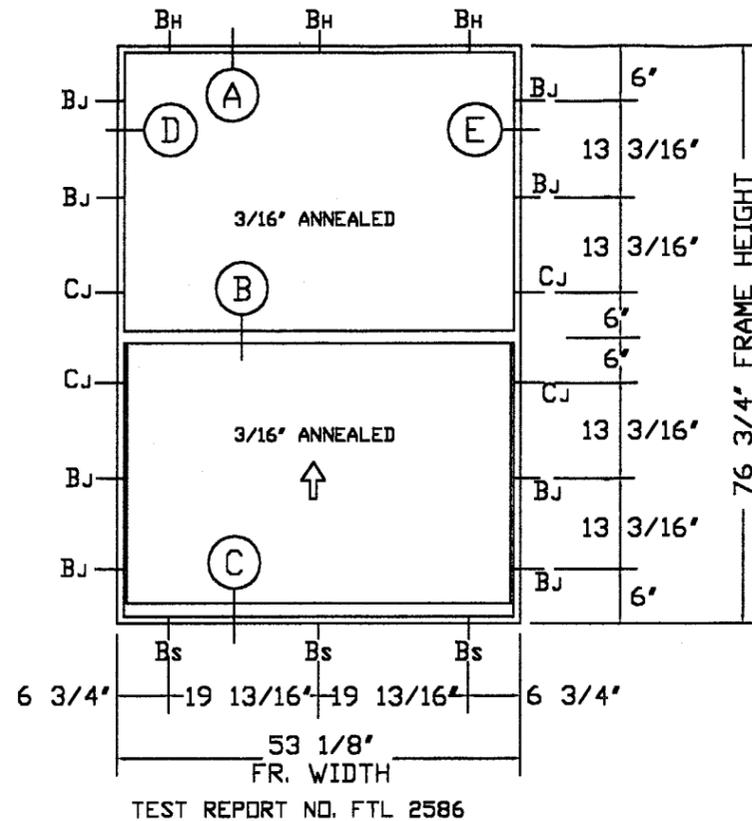
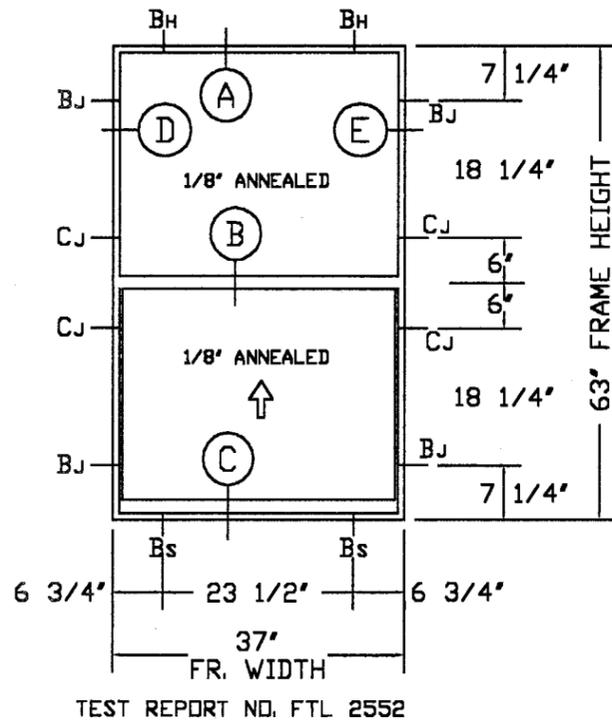
TEST LAB: FENESTRATION TESTING LABORATORY, INC.

FILE NO.	CONFIG.	Sheet	Date	Rev.
PA00910	SEE ELEV.	1 OF 8	2-23-01	

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



2/23/01
FL #35686, CIVIL ENGR.



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.

APPROVED AS COMPLYING WITH THE SOUTH FLORIDA BUILDING CODE
 DATE **APR 12 2001**
 BY *Manuel Serna*
 PRODUCT CONTROL DIVISION
 BUILDING CODE COMPLIANCE OFFICE
 ACCEPTANCE NO. **00-0919.04**

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

SERIES 910 SINGLE HUNG WINDOW

GLASS TYPE AS NOTED

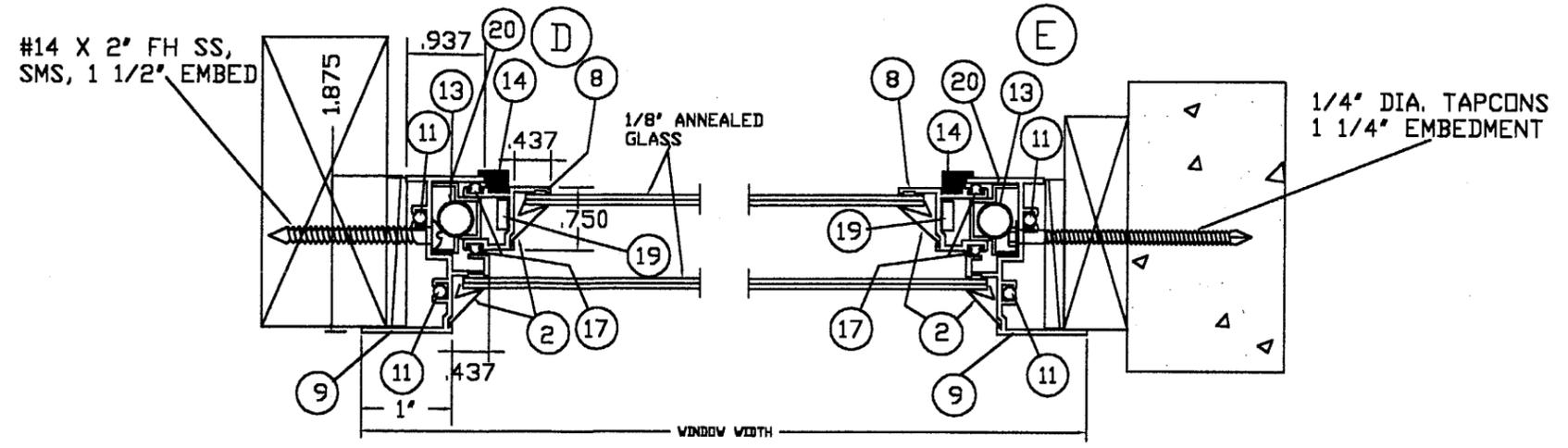
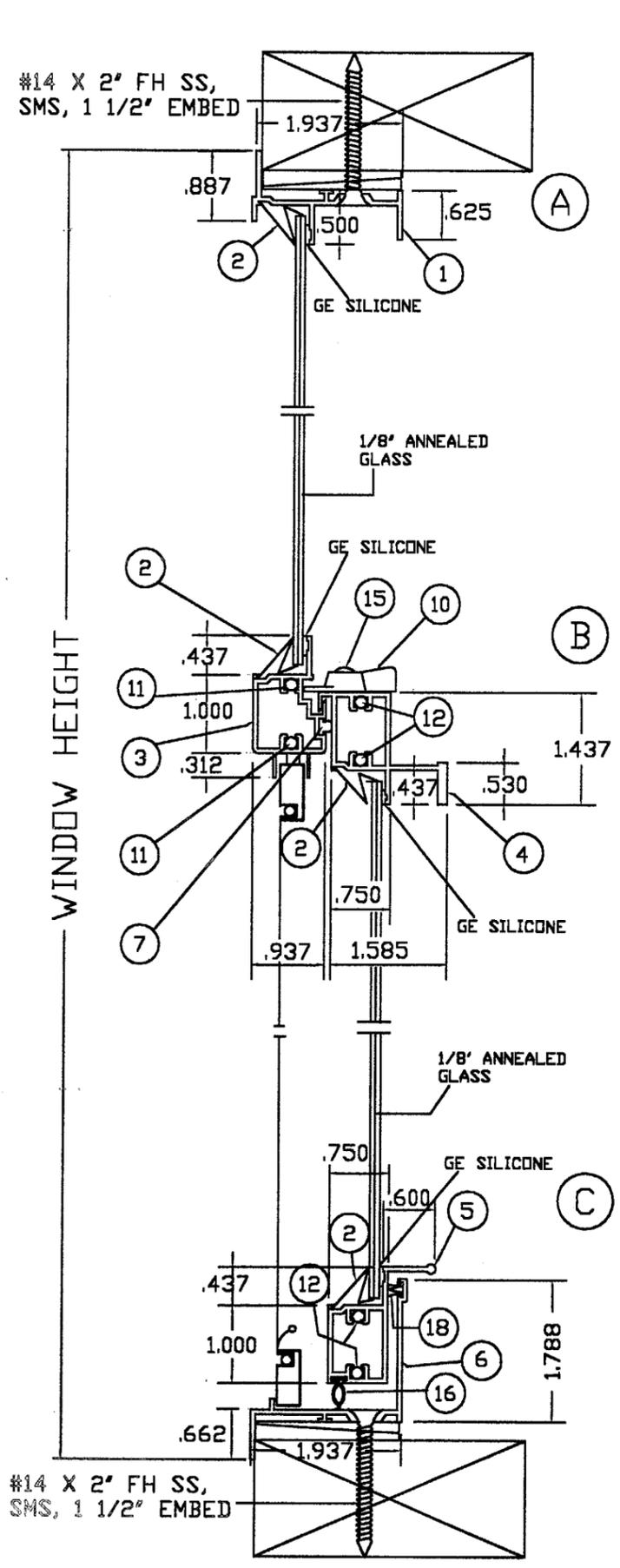
TEST LAB: FENESTRATION TESTING LABORATORY, INC.

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

REGISTERED ENGINEER

2/23/01
 FL #35686, CIVIL ENGR.



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	Pos + Dp (psf)	Neg - Dp (psf)	Head/Sill	Jamb
	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 "B_H" AND "B_S" 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 "B_J" 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 "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.
 801 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

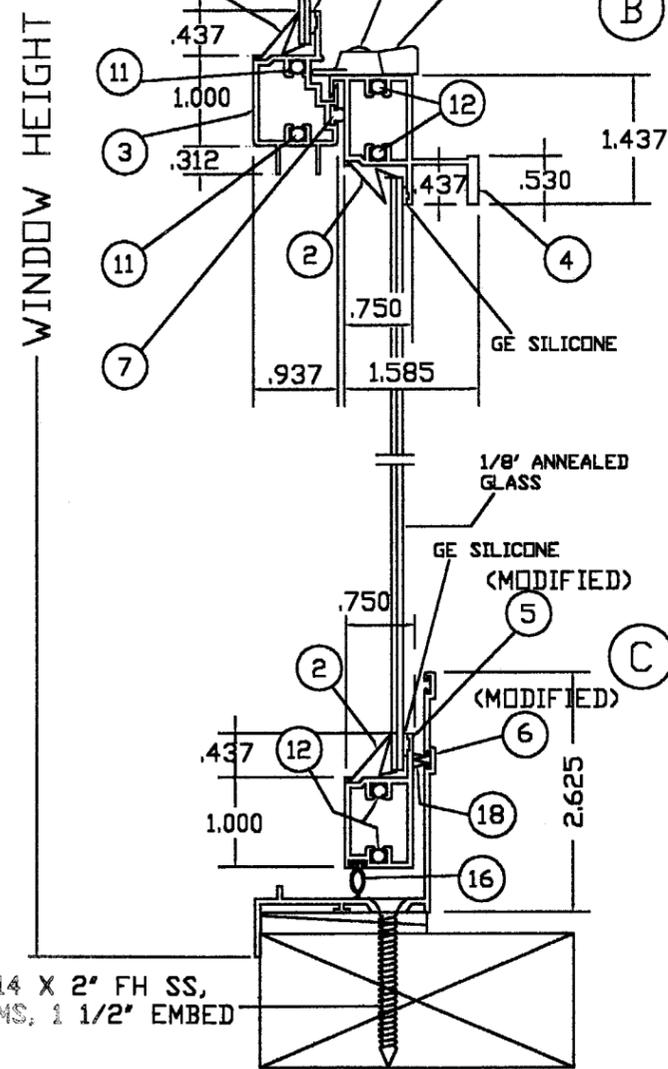
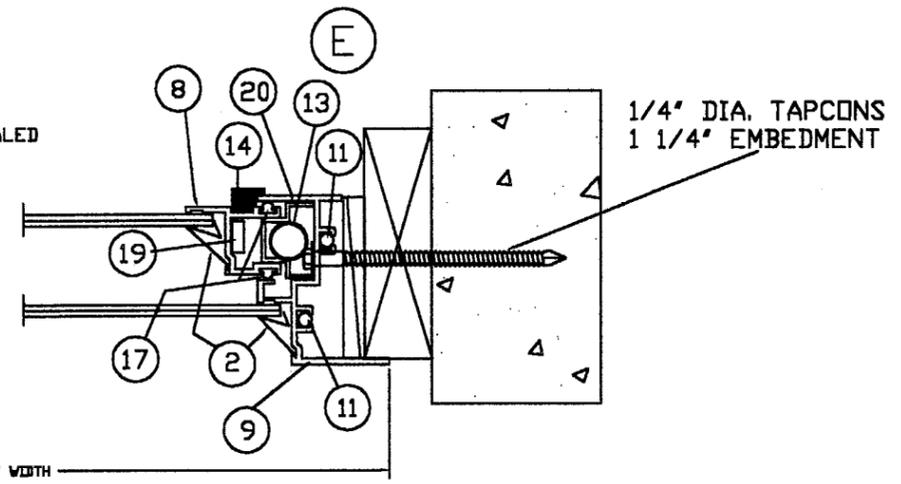
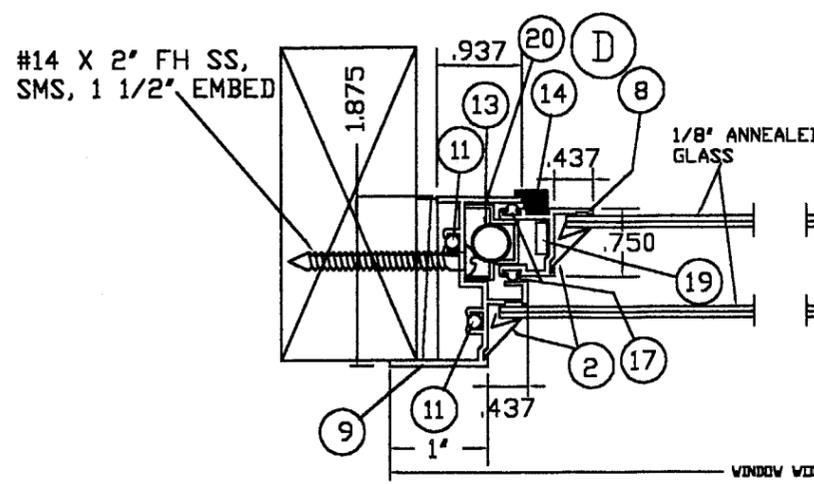
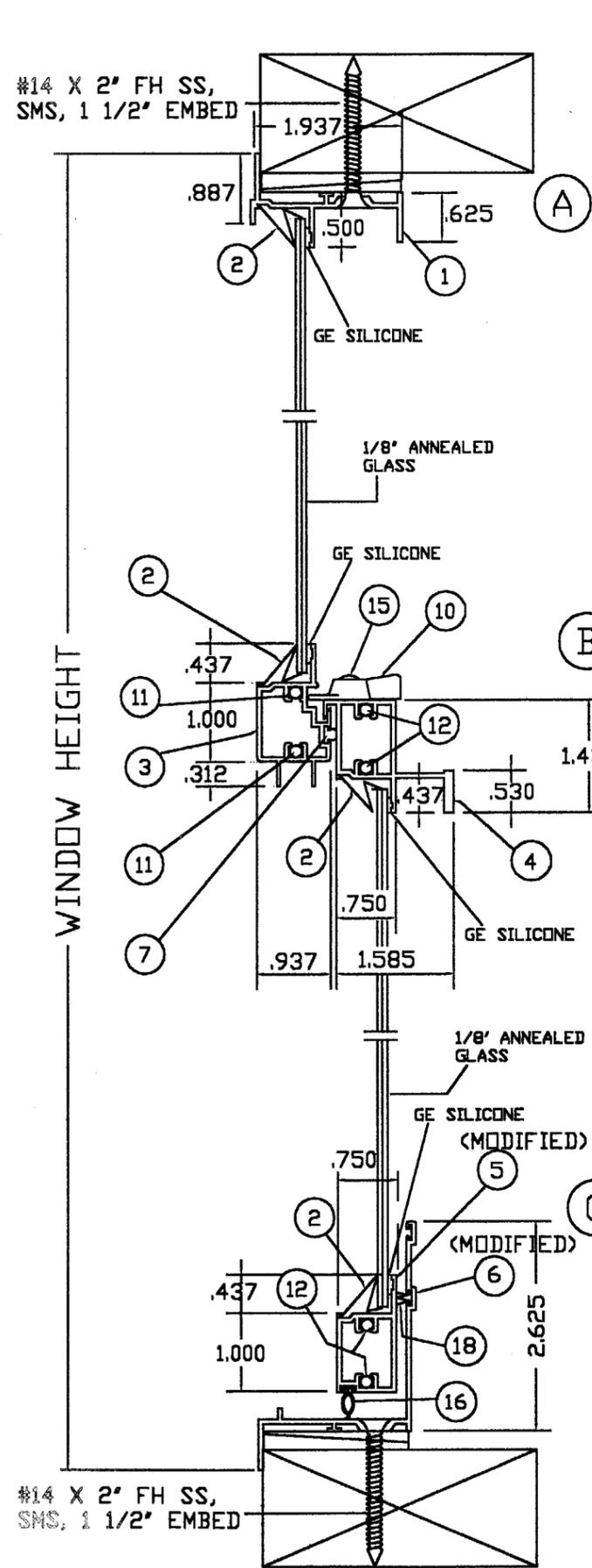
FILE NO. CONFIG. Sheet Date Rev.
 PA00910 SEE ELEV. 3 OF 8 2-23-01

APPROVED AS COMPLYING WITH THE
 SOUTH FLORIDA BUILDING CODE
 DATE **APR 12 2001**
 BY *William J. Argus*
 PRODUCT CONTROL DIVISION
 BUILDING CODE COMPLIANCE OFFICE
 ACCEPTANCE NO. **00-0919-04**

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

BALLARD L. ARGUS
 REGISTERED ENGINEER
 No. 07566

2/23/01
 FL #35686, CIVIL ENGR.



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

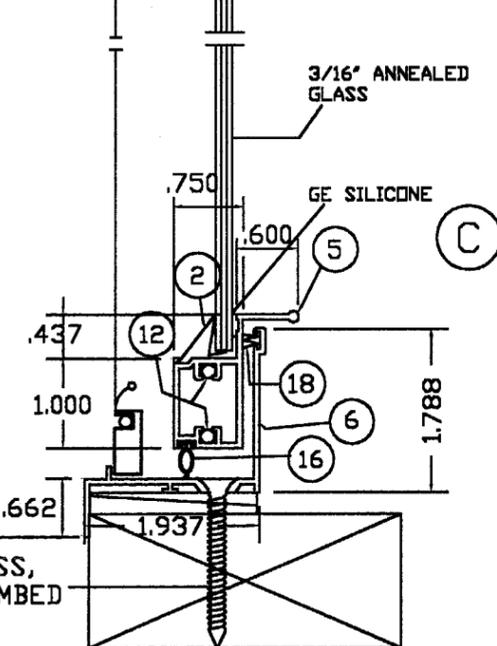
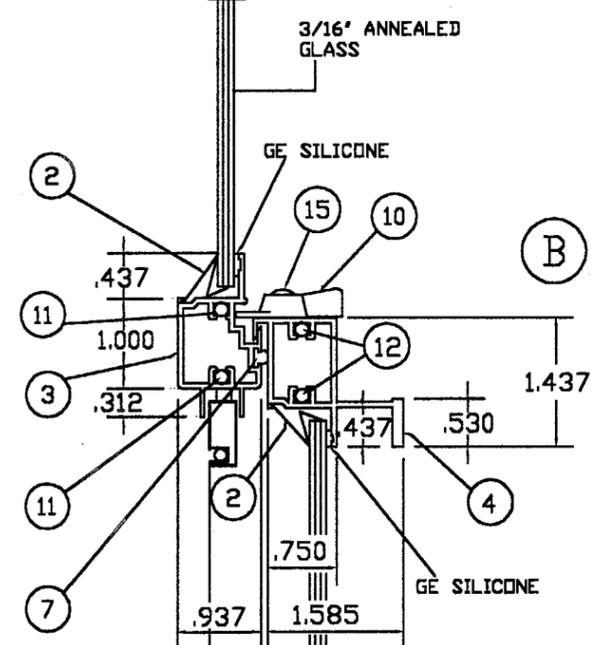
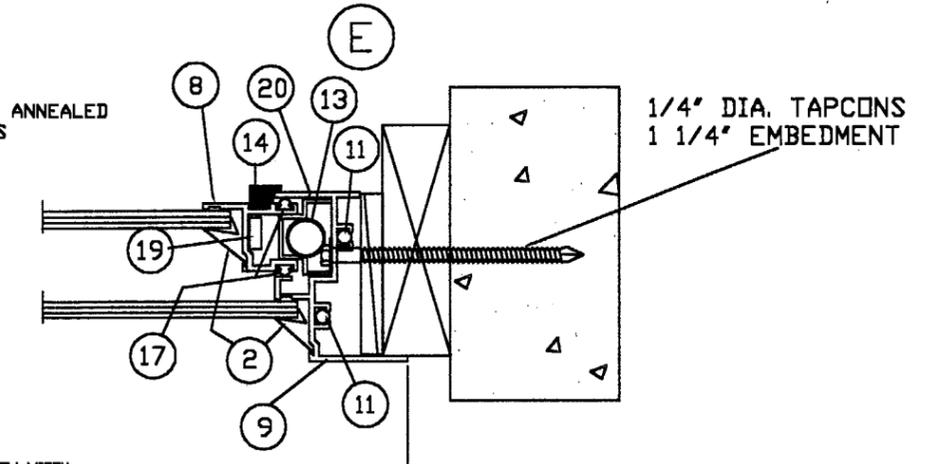
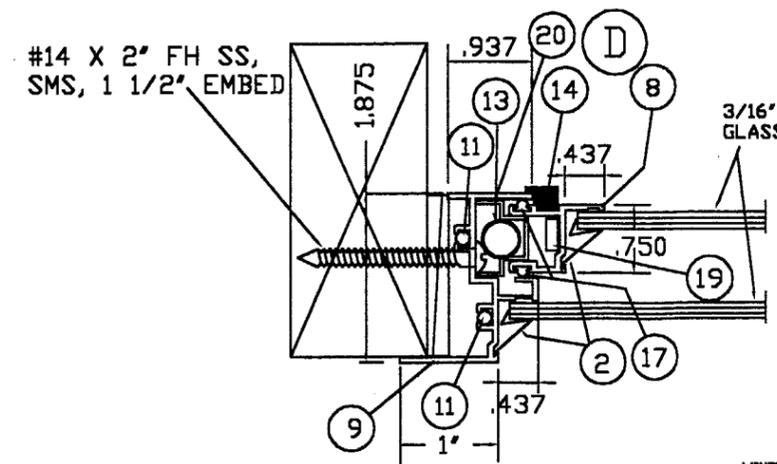
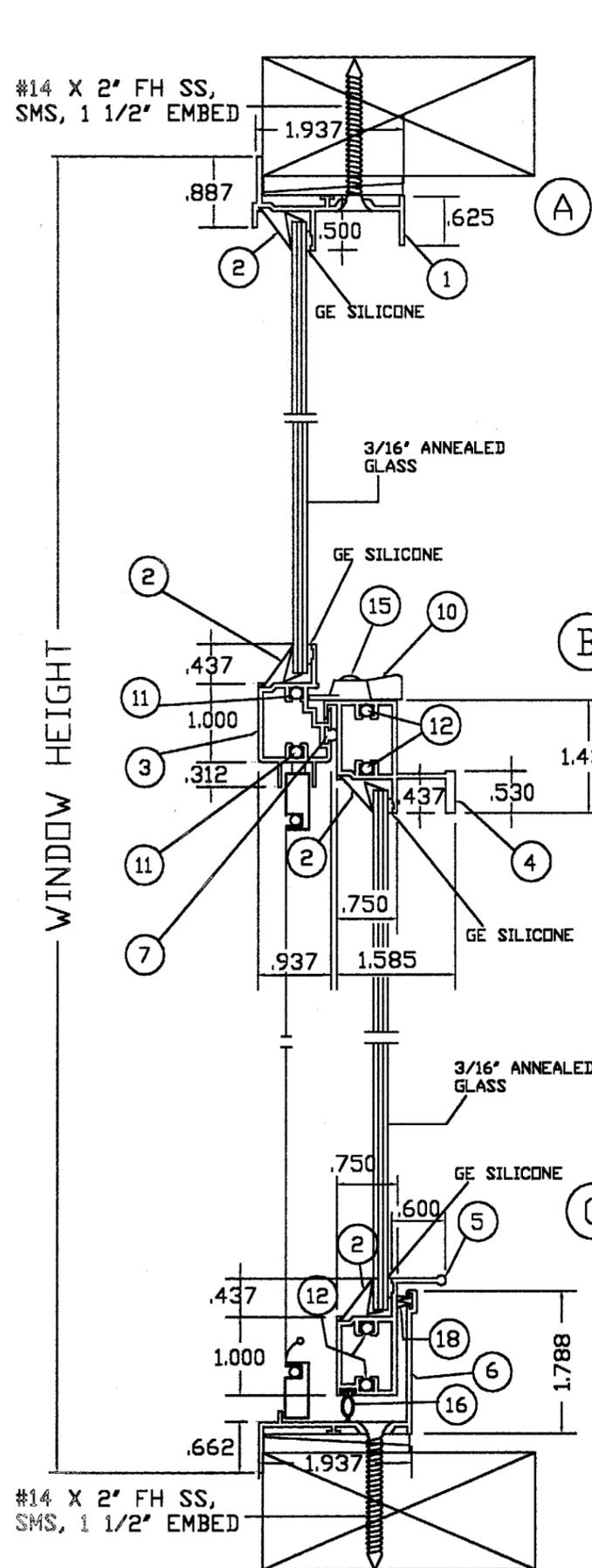
- NOTES:
- LOCATE TYPE "Bh" AND "Bs" HEAD AND SILL ANCHORS AT 6 3/4" MAXIMUM FROM FRAME ENDS AND 23 1/2" O.C. MAXIMUM, PER TEST MOCK-UP.
 - LOCATE TYPE "Bj" JAMB ANCHORS AT 7 1/4" MAXIMUM FROM FRAME ENDS AND 19 1/4" O.C. MAXIMUM, PER TEST MOCK-UP.
 - LOCATE ONE (1) TYPE "Cj" JAMB ANCHOR ON EACH SIDE 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.

APPROVED AS COMPLYING WITH THE SOUTH FLORIDA BUILDING CODE
 DATE APR 12 2001
 BY Manuel Argus
 PRODUCT CONTROL DIVISION
 BUILDING CODE COMPLIANCE OFFICE
 ACCEPTANCE NO. 00-0919.04

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.
 PA00910 SEE ELEV. 4 OF 8 2-23-01

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

 2/23/01
 FL #35696, CIVIL ENGR.



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	With and Without Screen	Head/Sill	Jambs	Jambs
				Pos + Dp (psf)	Neg - 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	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
	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	
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	
Modular	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.

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

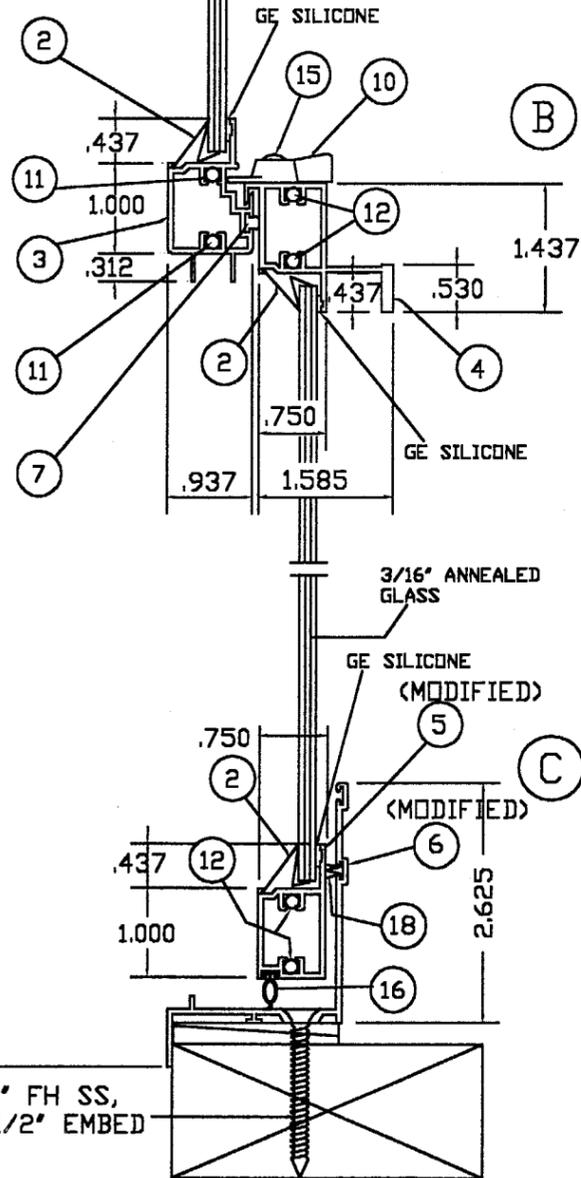
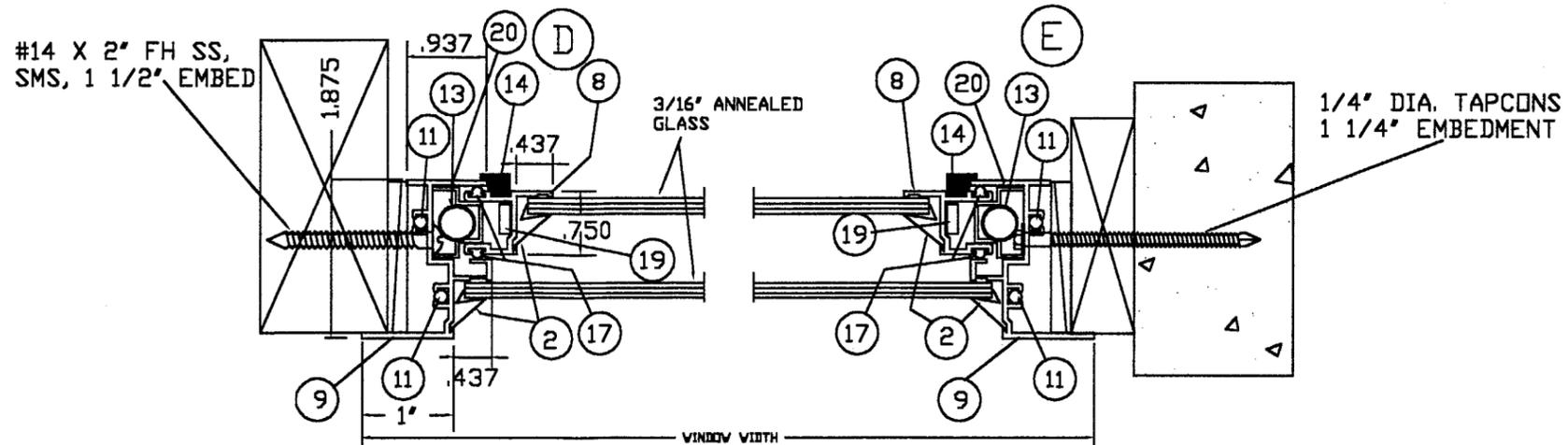
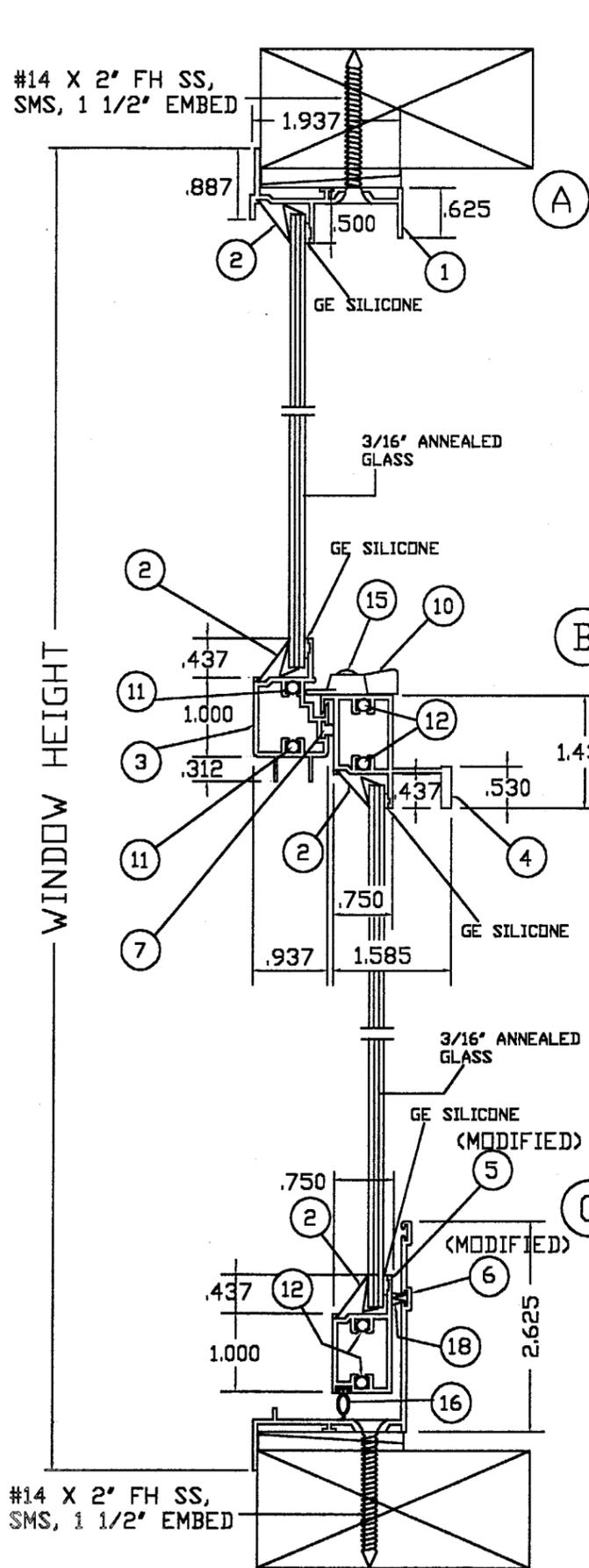
FILE NO. CONFIG. Sheet Date Rev.
 PA00910SEE ELEV. 5 OF 8 2-23-01

APPROVED AS COMPLYING WITH THE SOUTH FLORIDA BUILDING CODE DATE APR 12 2001 BY MARCO SERA PRODUCT CONTROL DIVISION BUILDING CODE COMPLIANCE OFFICE ACCEPTANCE NO. 00-0919.04

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

BALLARD L. ARGUS
 CERTIFIED REGISTERED ENGINEER
 No. 35686

2/23/01
 FL #35686, CIVIL ENGR.



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	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
	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
Modular	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.

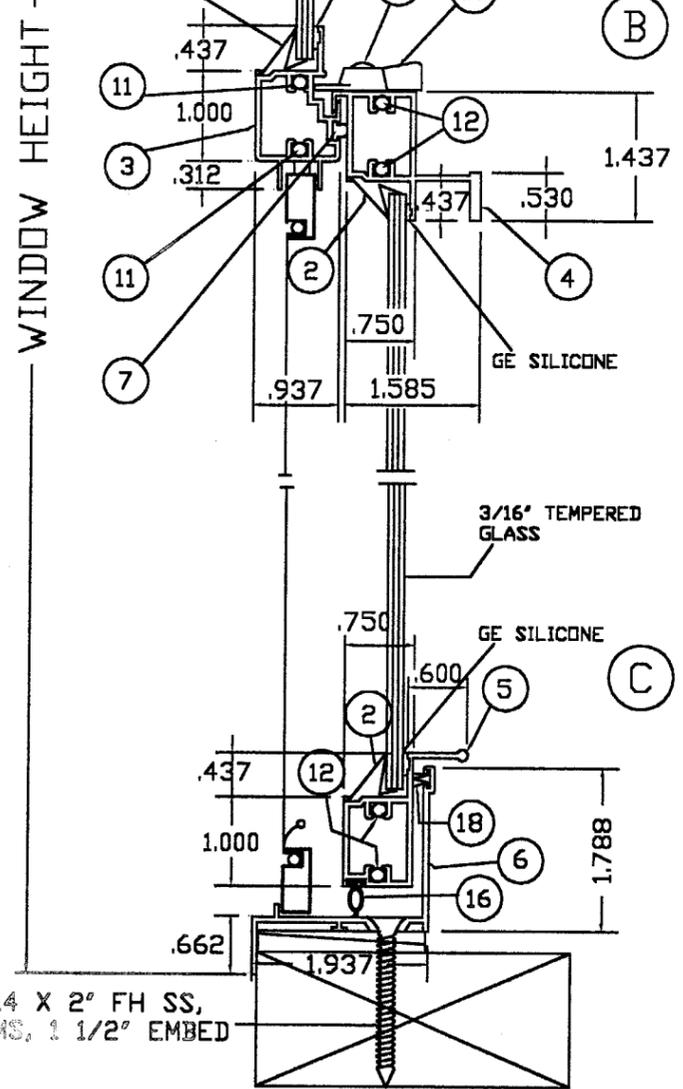
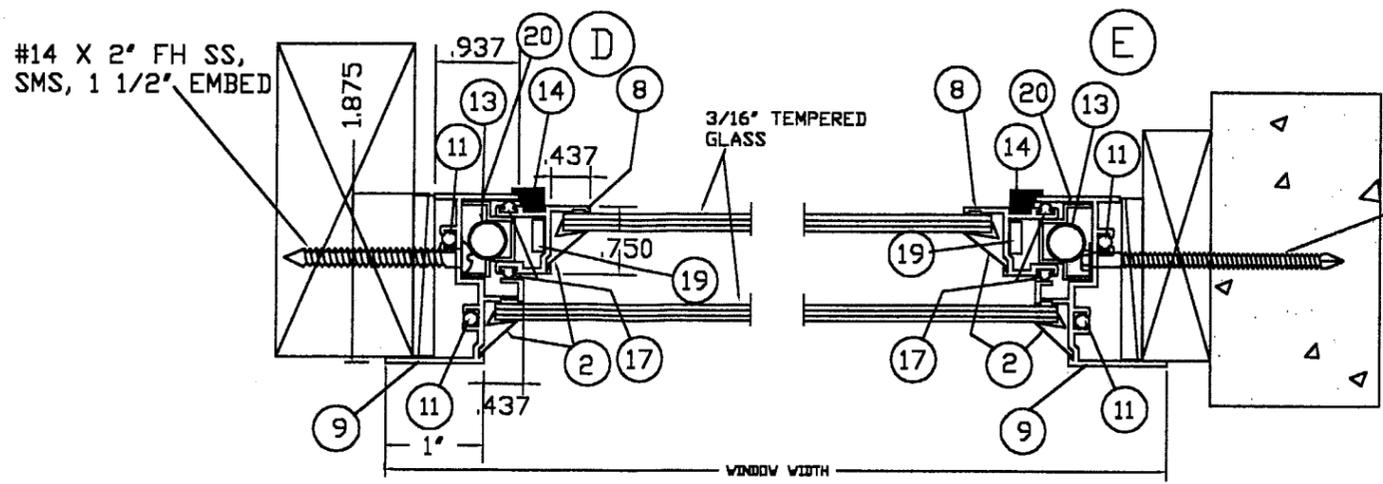
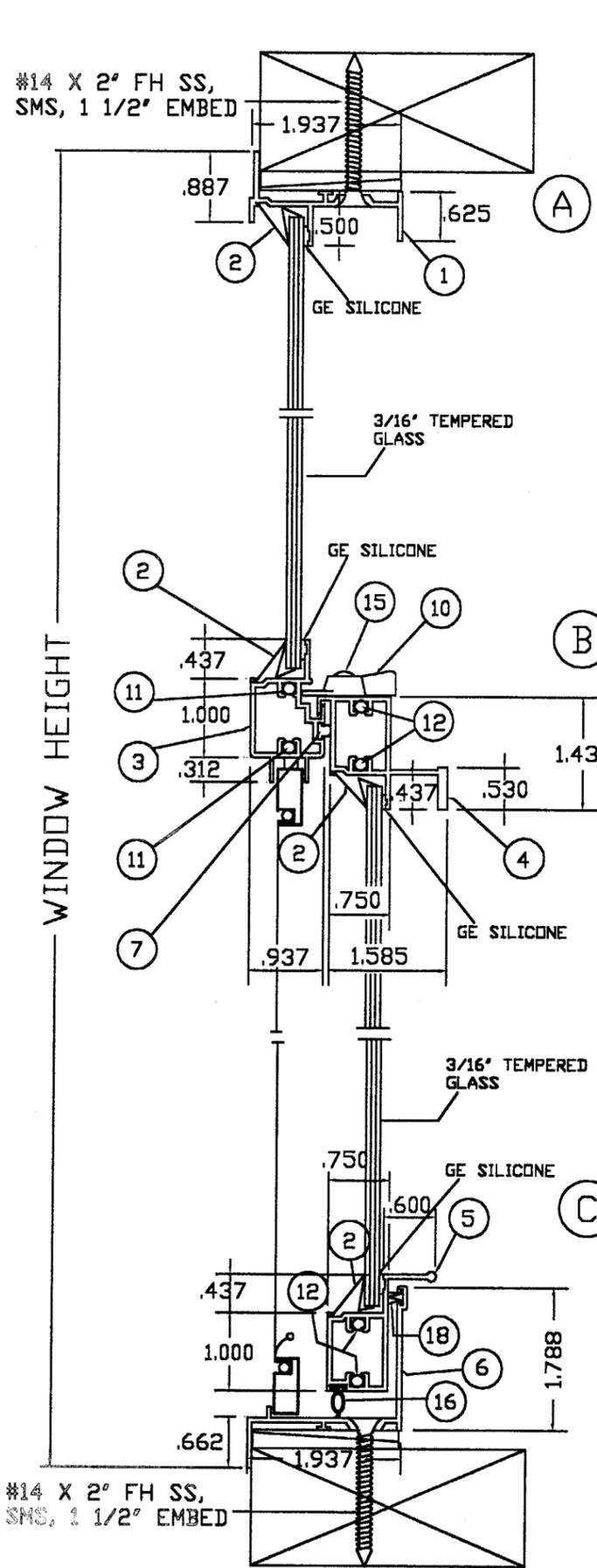
TEST REPORT: FTL 2586 W/ HIGH SILL

FILE NO. CONFIG. Sheet Date Rev.
 PA00910 SEE ELEV. 6 OF 8 2-23-01

APPROVED AS COMPLYING WITH THE SOUTH FLORIDA BUILDING CODE
 DATE **APR 17 2001**
 BY *Manuel Sosa*
 PRODUCT CONTROL DIVISION
 BUILDING CODE COMPLIANCE OFFICE
 ACCEPTANCE NO. **00-0919.04**

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

2/23/01
 FL #35686, CIVIL ENGR.



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 Jamb	"C" Anch Jamb
				With and Without Screen				
		Pos + Dp (psf)	Neg - 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:
1. LOCATE TYPE "BH" AND "BS" HEAD AND SILL ANCHORS AT 7" MAXIMUM FROM FRAME ENDS AND 21" O.C. MAXIMUM, PER TEST MOCK-UP.
 2. LOCATE TYPE "BJ" JAMB ANCHORS AT 6 3/4" MAXIMUM FROM FRAME ENDS AND 21 1/4" O.C. MAXIMUM, PER TEST MOCK-UP.
 3. LOCATE ONE (1) TYPE "CJ" JAMB ANCHOR ON EACH SIDE OF MEETING RAIL, AT 6" FROM MEETING RAIL CENTERLINE.
 4. 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

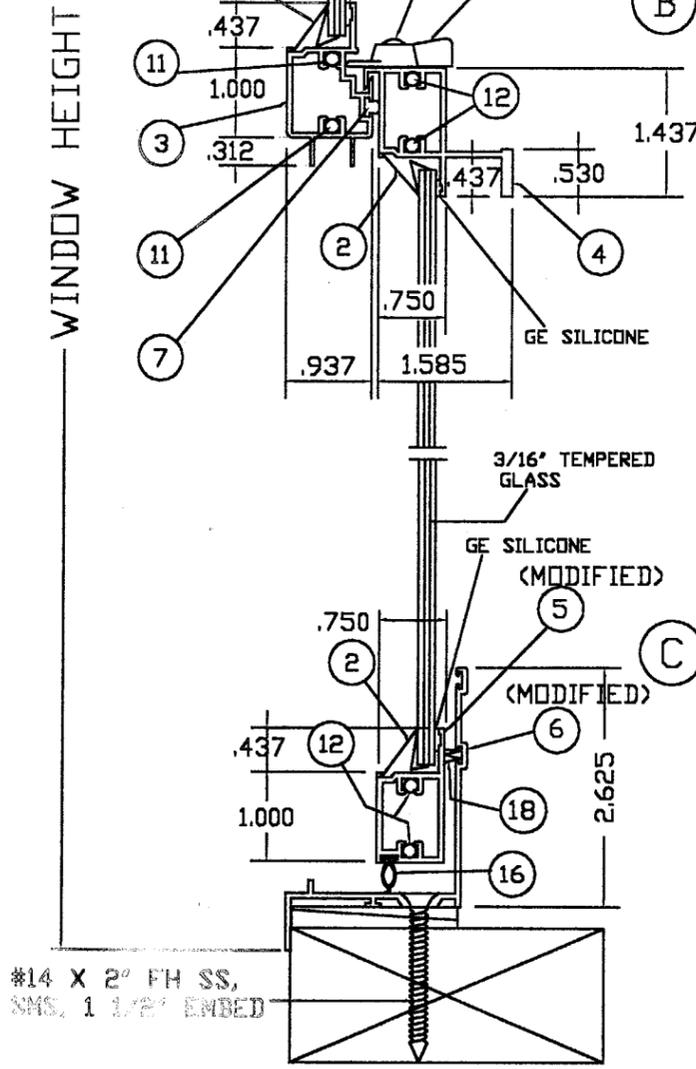
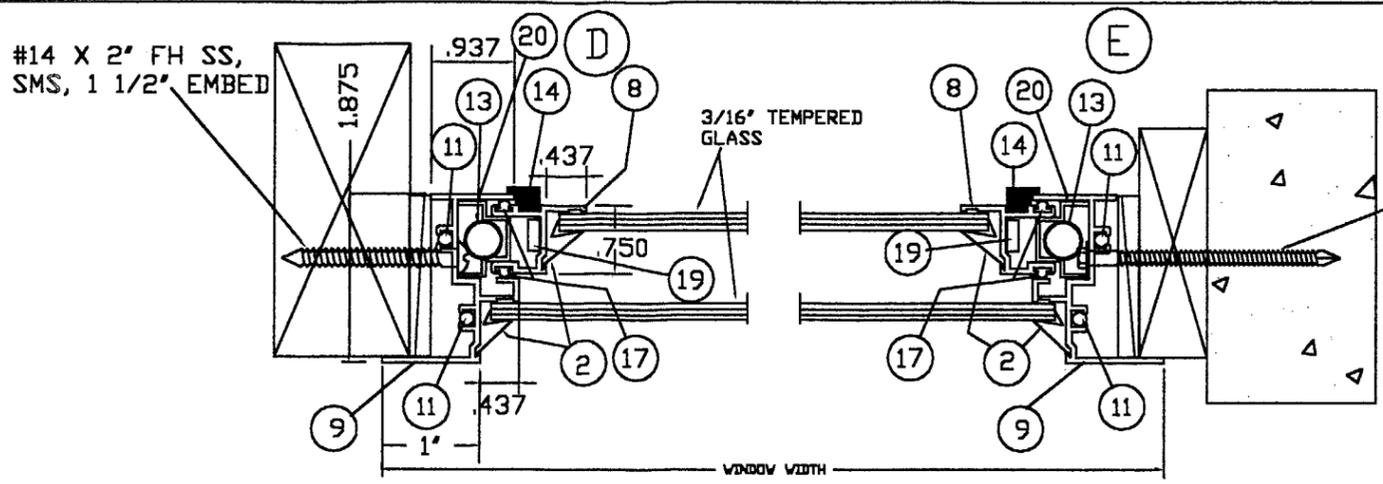
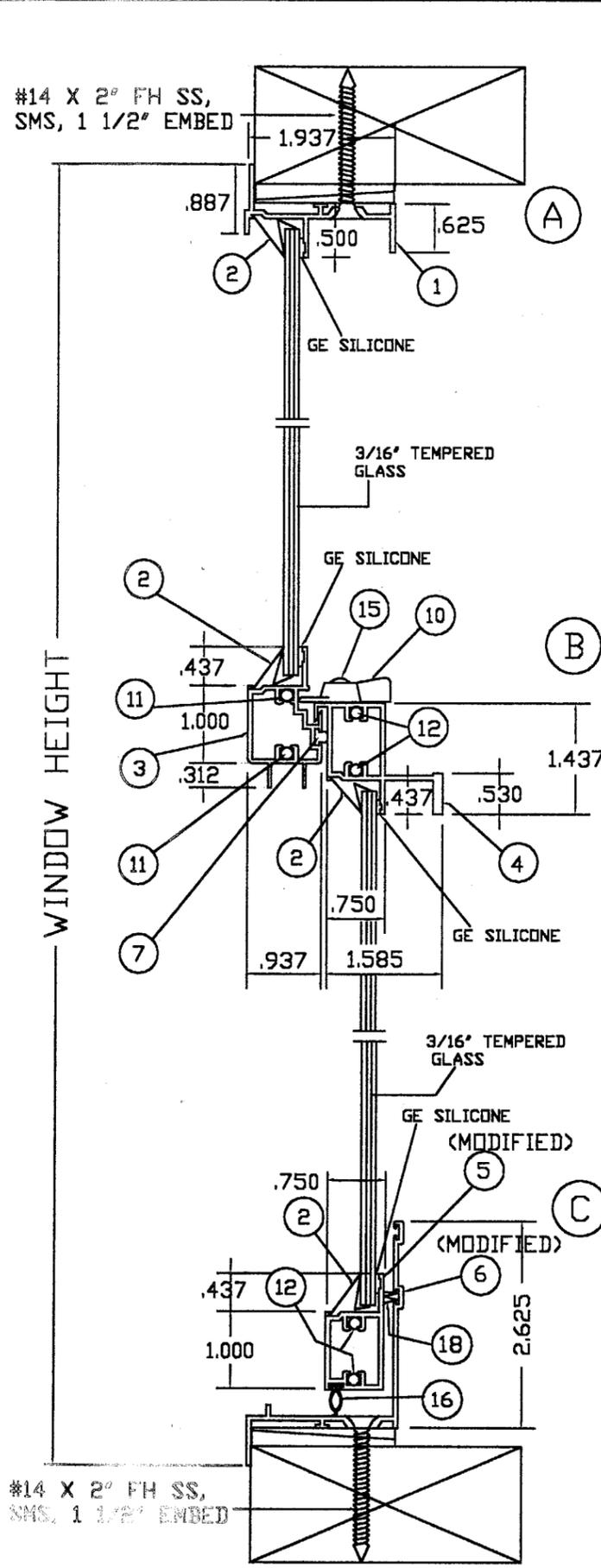
FILE NO. CONFIG. Sheet Date Rev.
 PA00910 SEE ELEV. 7 OF 8 2-23-01

APPROVED AS COMPLYING WITH THE
 SOUTH FLORIDA BUILDING CODE
 DATE **APR 12 2001**
 BY *Manuel*
 PRODUCT CONTROL DIVISION
 BUILDING CODE COMPLIANCE OFFICE
 ACCEPTANCE NO. **00-0919.04**

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

BALLARD L. ARGUS
 REGISTERED ENGINEER
 FL #35686, CIVIL ENGR.

2/23/01



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	Jambs
Industry	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
	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.
 PA00910 SEE ELEV. 8 OF 8 2-23-01

APPROVED AS COMPLYING WITH THE SOUTH FLORIDA BUILDING CODE
 DATE **APR 17 2003**
 BY *Manuel Serrano*
 PRODUCT CONTROL DIVISION
 BUILDING CODE COMPLIANCE OFFICE
 ACCEPTANCE NO. **00-0919.04**

BALLARD L. ARGUS, P.E.
 844 NW 91 TERRACE
 PLANTATION, FL 33324
 No. 35686
 REGISTERED ENGINEER
 2/23/01
 FL #35686, CIVIL ENGR.