



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**

**K.D. Windows, Inc.**  
**3705 Shares Place**  
**Riviera Beach ,FL 33404**

Your application for Notice of Acceptance (NOA) of:  
**Series 400 Aluminum Horizontal Sliding 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.

**ACCEPTANCE NO.: 01-0110.05**  
**EXPIRES: 12/27/2006**

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: 12/27/2001**

**KD Windows, Inc.**

ACCEPTANCE No.: 01-0110.05

APPROVED : DEC 27 2001

EXPIRES : DEC 27 2006

**NOTICE OF ACCEPTANCE: SPECIFIC CONDITIONS**

**1. SCOPE**

1.1 This approves an aluminum horizontal sliding 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 400 Aluminum Horizontal Sliding Window** and its components shall be constructed in strict compliance with the following documents: Drawing No **HS 00-02**, Sheets 1 through 8 of 8, titled "Series 400 Aluminum Horizontal Sliding Window", prepared by manufacturer, dated 12/1/00, signed and sealed by Francisco Hernandez, 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.  
3.2 For Design Pressure Rating vs. Window Size, Glazing Option and Anchor Option, see Design Pressure Chart in approved drawings.

**4. INSTALLATION**

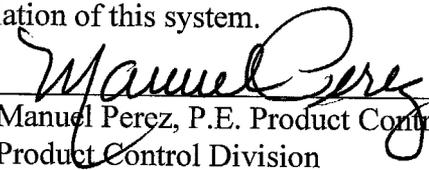
4.1 The aluminum horizontal sliding window and its components shall be installed in strict compliance with the approved drawings.  
4.2 Hurricane protection system (shutters): the installation of this unit **will require** a hurricane protection system.

**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

**KD Windows, Inc.**

ACCEPTANCE No.: 01-0110.05

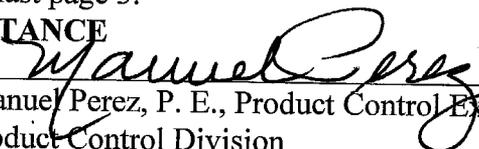
APPROVED : DEC 27 2001

EXPIRES : DEC 27 2008

**NOTICE OF ACCEPTANCE STANDARD CONDITIONS**

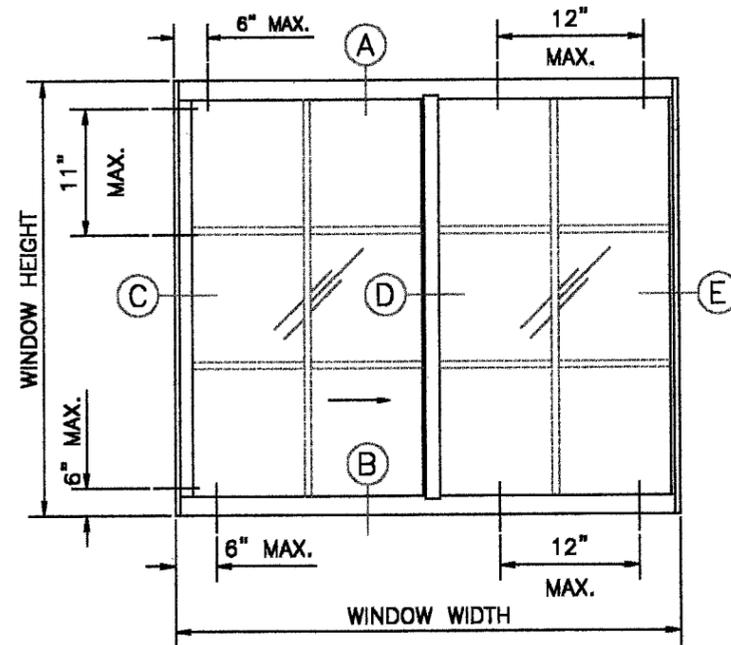
1. Renewal of this Acceptance (approval) shall be considered after a renewal application has been filed and the original submitted documentation, including test supporting data, engineering documents, are no older than eight (8) years.
2. Any and all approved products shall be permanently labeled with 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

**COMPARATIVE ANALYSIS CHART (OX) OR (XO)**

MARK	DIMENSIONS		NUMBER OF ANCHORS		OUTSIDE GLAZED								INSIDE GLAZED						
					DSB ANNEALED GLASS		DSB ANNEALED GLASS		3/16" ANNEALED GLASS		1/4" TEMPERED GLASS		1/4" TEMPERED GLASS						
					TRUE MUNTIN		1/1		1/1		1/1		1/1						
					3/16 TAPCONS	3/16 TAPCONS	3/16 TAPCONS	3/16 TAPCONS	1/4 TAPCONS	1/4 TAPCONS	3/16 TAPCONS	1/4 TAPCONS	1/4 TAPCONS	1/4 TAPCONS					
	WIDTH	HEIGHT	HEAD & SILL	JAMBS	POS.	NEG.	POS.	NEG.	POS.	NEG.	POS.	NEG.	POS.	NEG.	POS.	NEG.			
STANDARD SIZES	1/2 32	26 1/2"	26"	3	3	53.3	67.0	53.3	67.0	53.3	122.5	100.0	484.0	100.0	606.7	80.0	484.0	80.0	524.7
	22	37"		3		53.3	67.0	53.3	67.0	53.3	122.5	100.0	267.8	100.0	335.6	80.0	267.8	80.0	335.6
	32	53 1/8"		5		53.3	67.0	53.3	67.0	53.3	122.5	100.0	264.7	100.0	331.8	80.0	264.7	80.0	331.8
	2/22	74"		7		53.3	67.0	53.3	67.0	53.3	122.5	100.0	242.7	100.0	304.2	80.0	242.7	80.0	304.2
	1/2 33	26 1/2"	38 3/8"	3	4	53.3	67.0	53.3	67.0	53.3	122.5	100.0	334.0	100.0	367.8	80.0	315.3	80.0	315.3
	23	37"		3		53.3	67.0	53.3	67.0	53.3	122.5	100.0	242.8	100.0	284.6	80.0	242.8	80.0	244.0
	33	53 1/8"		5		53.3	67.0	53.3	65.3	53.3	113.2	100.0	209.8	100.0	229.1	80.0	196.4	80.0	196.4
	2/23	74"		7		50.6	50.6	50.6	50.6	53.3	91.9	100.0	180.8	100.0	208.3	80.0	178.5	80.0	178.5
	1/2 34	26 1/2"	50 5/8"	3	5	53.3	67.0	53.3	67.0	53.3	122.5	100.0	263.6	100.0	263.6	80.0	226.0	80.0	226.0
	24	37"		3		53.3	67.0	53.3	55.3	53.3	98.2	100.0	194.0	100.0	194.0	80.0	166.3	80.0	166.3
	34	53 1/8"		5		50.7	53.4	40.6	40.6	53.3	75.3	91.8	142.5	91.6	142.5	80.0	122.1	80.0	122.1
	2/34	74"		7		-	-	-	-	53.3	62.7	73.4	114.2	73.4	114.2	65.3	97.9	65.3	97.9
1/2 35	26 1/2"	63"	3	6	48.1	51.3	-	-	53.3	101.3	86.9	135.1	86.9	135.1	77.2	115.8	77.2	115.8	
25	37"		3		-	-	-	-	53.3	75.3	62.8	97.6	62.8	97.6	55.8	83.7	55.8	83.7	
35	53 1/8"		5		-	-	-	-	53.2	56.3	45.0	69.9	45.0	69.9	40.0	60.0	40.0	60.0	
2/25	74"		7		-	-	-	-	42.5	45.0	-	-	34.5	53.7	30.7	46.0	30.7	46.0	
MODULAR SIZES	2020	24"	24"	2	2	53.3	67.0	53.3	67.0	53.3	122.5	100.0	396.5	100.0	497.0	80.0	396.5	80.0	497.0
	3020	36"		3		53.3	67.0	53.3	67.0	53.3	122.5	100.0	291.1	100.0	364.8	80.0	291.1	80.0	364.8
	4020	48"		4		53.3	67.0	53.3	67.0	53.3	122.5	100.0	256.9	100.0	322.0	80.0	256.9	80.0	322.0
	5020	60"		5		53.3	67.0	53.3	67.0	53.3	122.5	100.0	240.0	100.0	300.8	80.0	240.0	80.0	300.8
	6020	72"		6		53.3	67.0	53.3	67.0	53.3	122.5	100.0	229.9	100.0	288.2	80.0	229.9	80.0	288.2
	2030	24"	36"	2	4	53.3	67.0	53.3	67.0	53.3	122.5	100.0	388.1	100.0	432.2	80.0	370.4	80.0	370.4
	3030	36"		3		53.3	67.0	53.3	67.0	53.3	122.5	100.0	256.8	100.0	316.5	80.0	256.8	80.0	271.2
	4030	48"		4		53.3	67.0	53.3	67.0	53.3	122.5	100.0	203.2	100.0	254.6	80.0	203.2	80.0	228.1
	5030	60"		5		53.3	67.0	53.3	67.0	53.3	120.2	100.0	180.5	100.0	226.3	80.0	180.5	80.0	208.6
	6030	72"		6		53.3	56.1	53.3	56.1	53.3	101.9	100.0	168.0	100.0	210.8	80.0	168.0	80.0	203.5
	2040	24"	48"	2	5	53.3	67.0	53.3	67.0	53.3	122.5	100.0	306.5	100.0	306.5	80.0	262.7	80.0	262.7
	3040	36"		3		53.3	67.0	53.3	61.9	53.3	107.3	100.0	217.2	100.0	217.2	80.0	186.2	80.0	186.2
	4040	48"		4		53.3	63.5	50.0	50.0	53.3	86.7	100.0	175.5	100.0	175.5	80.0	150.4	80.0	150.4
	4040E	50"		5		53.3	60.6	48.7	48.7	53.3	84.3	100.0	170.8	100.0	170.8	80.0	146.4	80.0	146.4
	5040	60"		5		49.5	49.5	43.6	43.6	53.3	75.5	98.2	152.8	98.2	152.8	80.0	131.0	80.0	131.0
	6040	72"	6	40.6	40.6	-	-	53.3	69.2	90.0	140.0	90.0	140.0	80.0	120.0	80.0	120.0		
	3050	36"	60"	3	6	41.6	44.3	-	-	53.3	81.7	75.0	116.7	75.0	116.7	66.7	100.1	66.7	100.1
	4050	48"		4		-	-	-	-	53.3	64.7	57.4	89.3	57.4	89.3	51.0	76.5	51.0	76.5
	4060	48"		4		-	-	-	-	43.2	45.7	-	-	-	-	-	-	-	-



**ELEVATION (OX) OR (XO)**  
**HURRICANE PROTECTION SYSTEM IS REQUIRED**  
**TEST REPORTS:**

ATL # 0428.01-97, DATED ON 6/1/98 BY AMERICAN TEST LAB OF SOUTH FLORIDA.  
SPECIMEN C  
TEST SIZE= 118" X 48" (XOX)  
DESIGN PRESSURES:  
EXTERIOR +40.0 PSF  
INTERIOR -40.0 PSF  
GLASS = DSB ANNEALED

SPECIMEN G2  
TEST SIZE=156 1/4" X 64 1/2" (XOX)  
DESIGN PRESSURES:  
EXTERIOR +35.0 PSF  
INTERIOR -37.0 PSF  
GLASS = 3/16" ANNEALED

SPECIMEN E (TRUE COLONIAL)  
TEST SIZE= 108" X 48" (XOX)  
DESIGN PRESSURES:  
EXTERIOR +50.0 PSF  
INTERIOR -53.3 PSF  
GLASS = DSB ANNEALED  
WATER INFILTRATION TEST= 8.0 PSF

HTL # 0145-0405-98, DATED ON 4/9, 5/6, 6/10 AND 9/3/98 BY HURRICANE TEST LABORATORY, INC.  
OUTSIDE GLAZED  
TEST SIZE= 72" X 48" (XO)  
DESIGN PRESSURES:  
EXTERIOR +90.0 PSF  
INTERIOR -140.0 PSF  
GLASS = 1/4" TEMPERED  
WATER INFILTRATION TEST= 15.0 PSF

ATL # 0428.02-97, DATED ON 6/1/98 BY AMERICAN TEST LAB OF SOUTH FLORIDA.  
INSIDE GLAZED  
TEST SIZE= 72" X 48" (XO)  
DESIGN LOADS:  
EXTERIOR PRESSURE +80.0 PSF  
INTERIOR PRESSURE -120.0 PSF  
GLASS = 1/4" TEMPERED  
WATER INFILTRATION TEST= 12.0 PSF

APPROVED AS COMPLYING WITH THE SOUTH FLORIDA BUILDING CODE  
DATE DEC 27 2001  
BY Manuel Perez  
PRODUCT CONTROL DIVISION  
BUILDING CODE COMPLIANCE OFFICE  
ACCEPTANCE NO. 01-0110-05

*[Signature]*  
11-15-01  
FRANCISCO HERNANDEZ  
FLORIDA PE # 51393

**KD**  
Windows  
3705 SHARES PLACE  
RIVERA BEACH, FL 33404  
Ph: (561)-845-1401

**FRANCISCO HERNANDEZ P. E.**  
Structural Engineering  
351 NW 82nd AVE #1118  
Miami, Florida 33126  
Phone (305) 264-7919  
Fax (305) 266-3427

**SERIES 400 ALUMINUM  
HORIZONTAL SLIDING WINDOW**

Drawn By: MH  
Date: 12-1-00  
Scale: 3/8"=1'  
Revision: \_\_\_\_\_  
Revision: \_\_\_\_\_

DRAWING NO.  
HS00-02  
SHEET  
1 OF 8

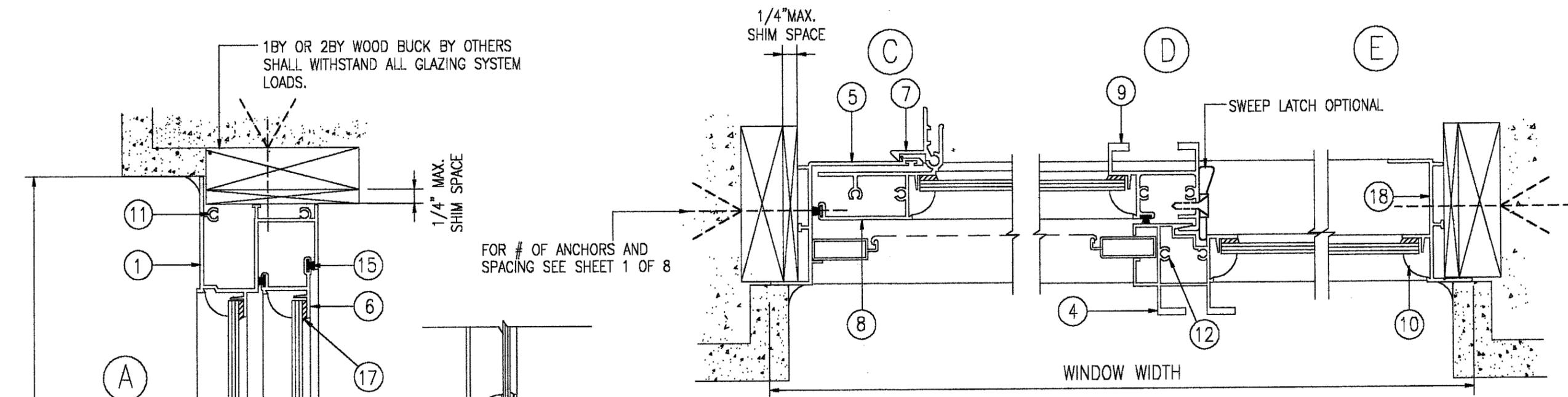
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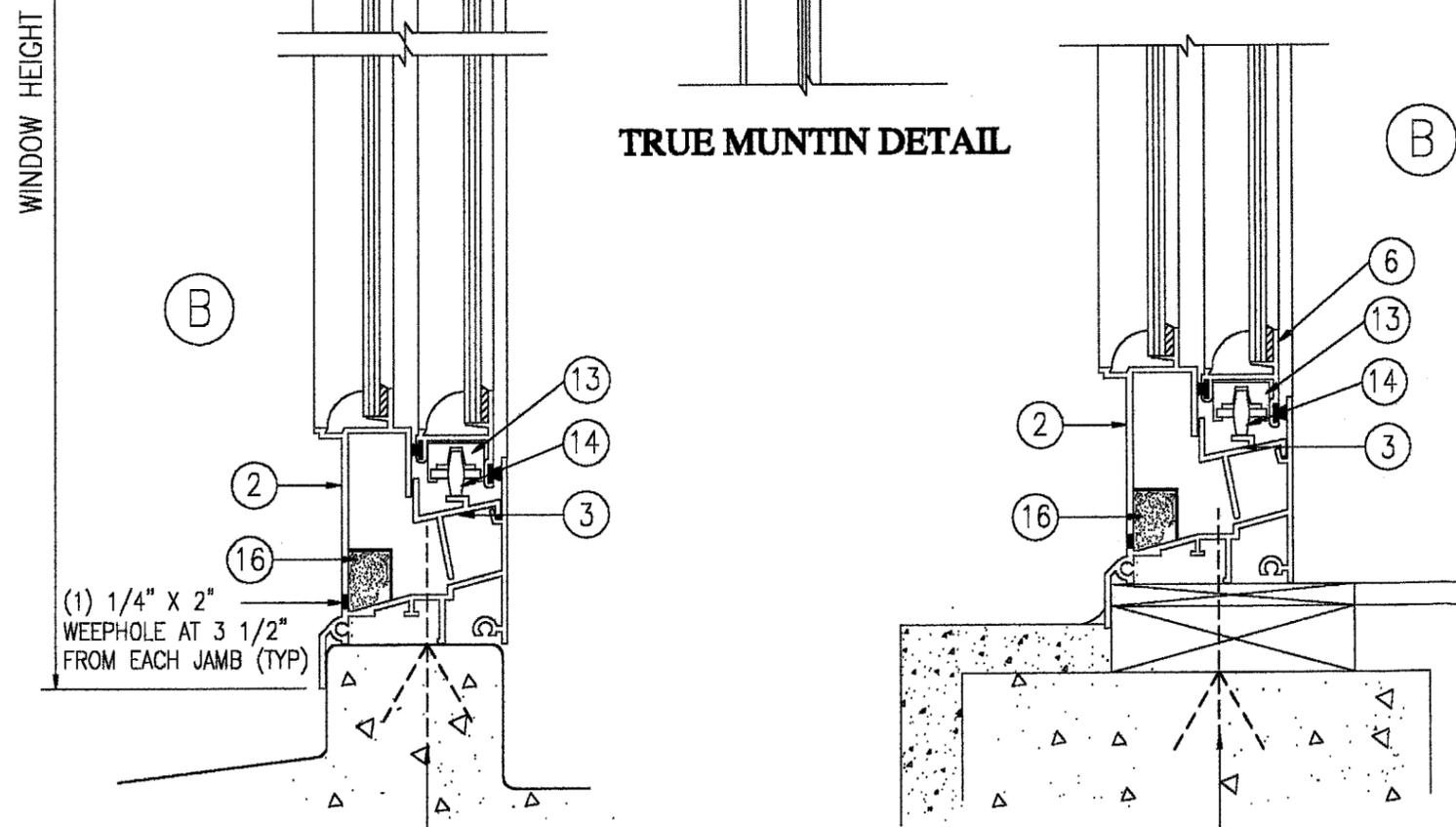
**SERIES 400 ALUMINUM  
HORIZONTAL SLIDING WINDOW**

Drawn By: MH  
Date: 12/1/00  
Scale: 1/2"=1"  
Revision: \_\_\_\_\_  
Revision: \_\_\_\_\_

DRAWING NO.  
HS00-02  
SHEET  
2 OF 8



**HORIZONTAL SECTION**



**VERTICAL SECTIONS**

**HORIZONTAL SLIDING WINDOW XO OR OX OUTSIDE GLAZED**

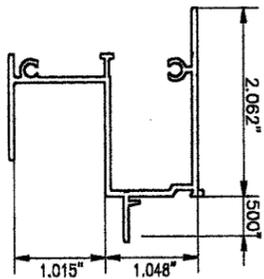
**METHOD OF ATTACHMENT**  
FOR ATTACHMENT THRU 1 BY TO CONCRETE OR DIRECTLY TO CONCRETE USE 3/16" OR 1/4" TAPCON WITH A MINIMUM EMBEDMENT OF 1 1/4" WITHIN CONCRETE.  
FOR ATTACHMENT TO 2 BY OR TO WOOD STRUCTURE USE #10 WD. SCREW (1 1/2" MINIMUM PENETRATION) OR #14 WD. SCREW (1 3/4" MINIMUM PENETRATION) INTO WOOD.

**GLASS:**  
DSB ANNEALED GLASS  
3/16" ANNEALED GLASS  
1/4" TEMPERED GLASS

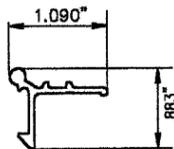
**METHOD OF GLAZING:**  
THE GLASS SHALL BE EXTERIOR GLAZED WITH DOW CORNING 899 OR 995 SILICONE AND A ROLL FORMED ALUMINUM GLAZING BEAD WITH .40" GLASS BITE

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DATE DEC 27 2001  
BY Francisco Hernandez  
PRODUCT CONTROL DIVISION  
BUILDING CODE COMPLIANCE OFFICE  
ACCEPTANCE NO. 01-0110-05

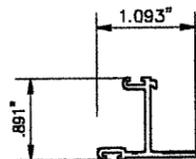
11-19-01  
FRANCISCO HERNANDEZ  
FL PE # 51393



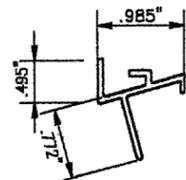
FRAME HEAD  
AW-353



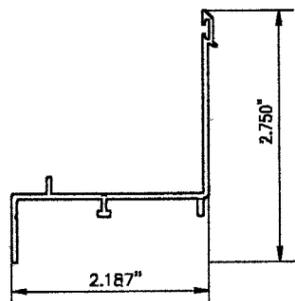
LATCH  
AW-354



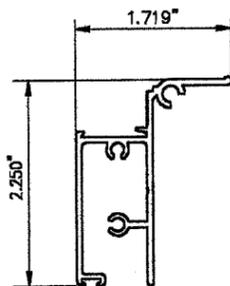
SASH TOP & BOTTOM  
AW-355



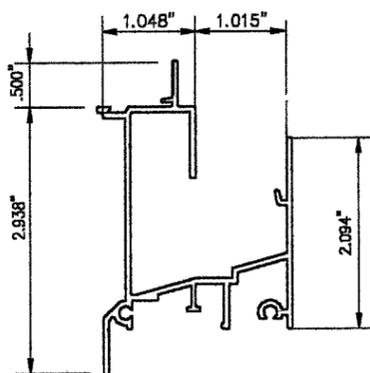
SILL TRACK  
AW 402



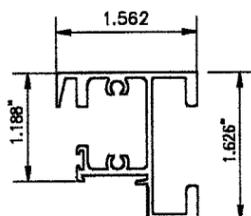
FRAME JAMB (MOVING PANEL)  
AW 361



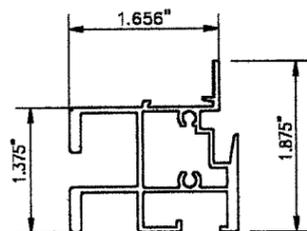
SASH VENT JAMB  
AW 360



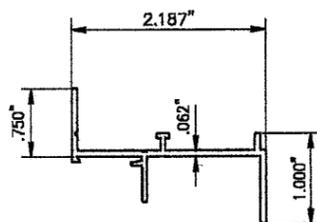
FRAME SILL  
AW 401



SASH VENT MEETING RAIL  
AW 374



FIXED MEETING RAIL  
AW 376



FRAME JAMB (FIXED PANEL)  
AW-359

**2-LITES OX OR XO / OUTSIDE GLAZED WINDOW**

No	PART	QTY	PART DESCRIPTION	MATERIAL
1	AW-353	1	FRAME HEAD	6063-T5
2	AW-401	1	FRAME SILL	6063-T5
3	AW-402	1	FRAME SILL TRACK	6063-T5
4	AW-376	1	FIXED MEETING RAIL	6063-T5
5	AW-361	1	FRAME JAMB TO MOVING PANEL	6063-T5
6	AW-355	2	SASH TOP & BOTTOM	6063-T5
7	AW-354	1	LATCH	6063-T5
8	AW-360	1	SASH VENT JAMB	6063-T5
9	AW-374	1	SASH VENT MEETING RAIL	6063-T5
10	-	AS REQ'D	GLAZING STOP	ROLL FORMED
11	-	AS REQ'D	ASSEMBLY SCREWS	#8X1" PHELLIPS
12	-	AS REQ'D	ASSEMBLY SCREWS	#8X3" PHELLIPS
13	-	4	PLASTIC HOUSING	-
14	-	2	PLASTIC WHEEL	-
15	-	AS REQ'D	FIN SEAL PILE	-
16	-	2	2" FOAM	-
17	-	AS REQ'D	899/995 DOW CORNING	SILICONE
18	AW-359	1	FRAME JAMB TO FIXED PANEL	6063-T5

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**SERIES 400 ALUMINUM  
HORIZONTAL SLIDING WINDOW**

Drawn By: MH  
Date: 12-1-00  
Scale: 1/2"=1"  
Revision: \_\_\_\_\_  
Revision: \_\_\_\_\_

DRAWING NO.  
HS00-02

SHEET  
3 OF 8

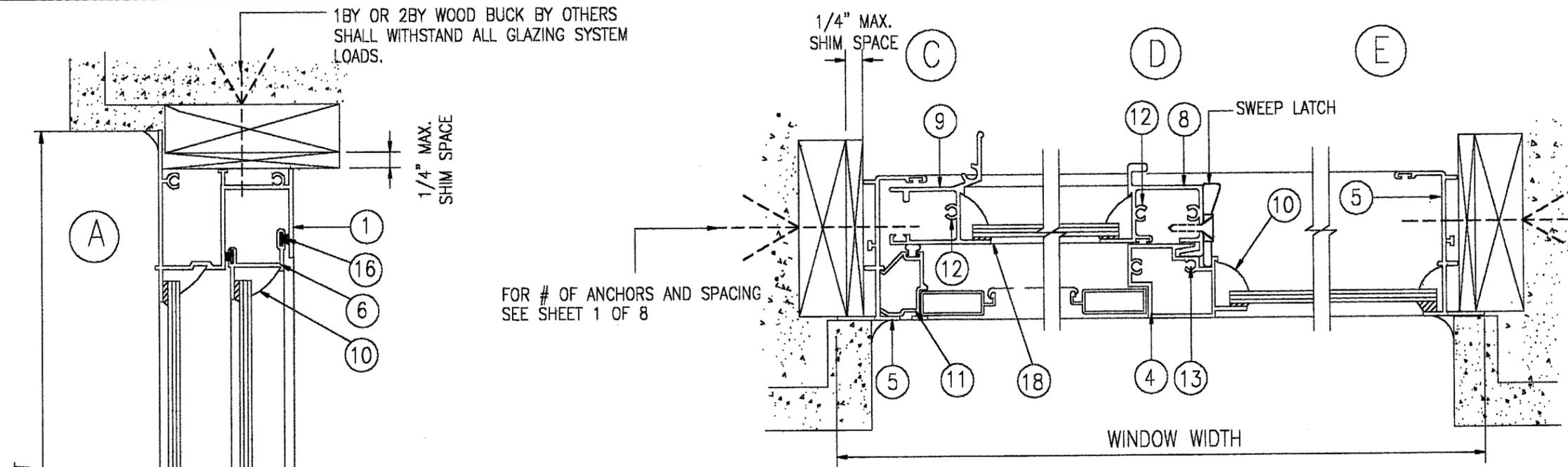
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FRANCISCO HERNANDEZ  
FL PE # 51393

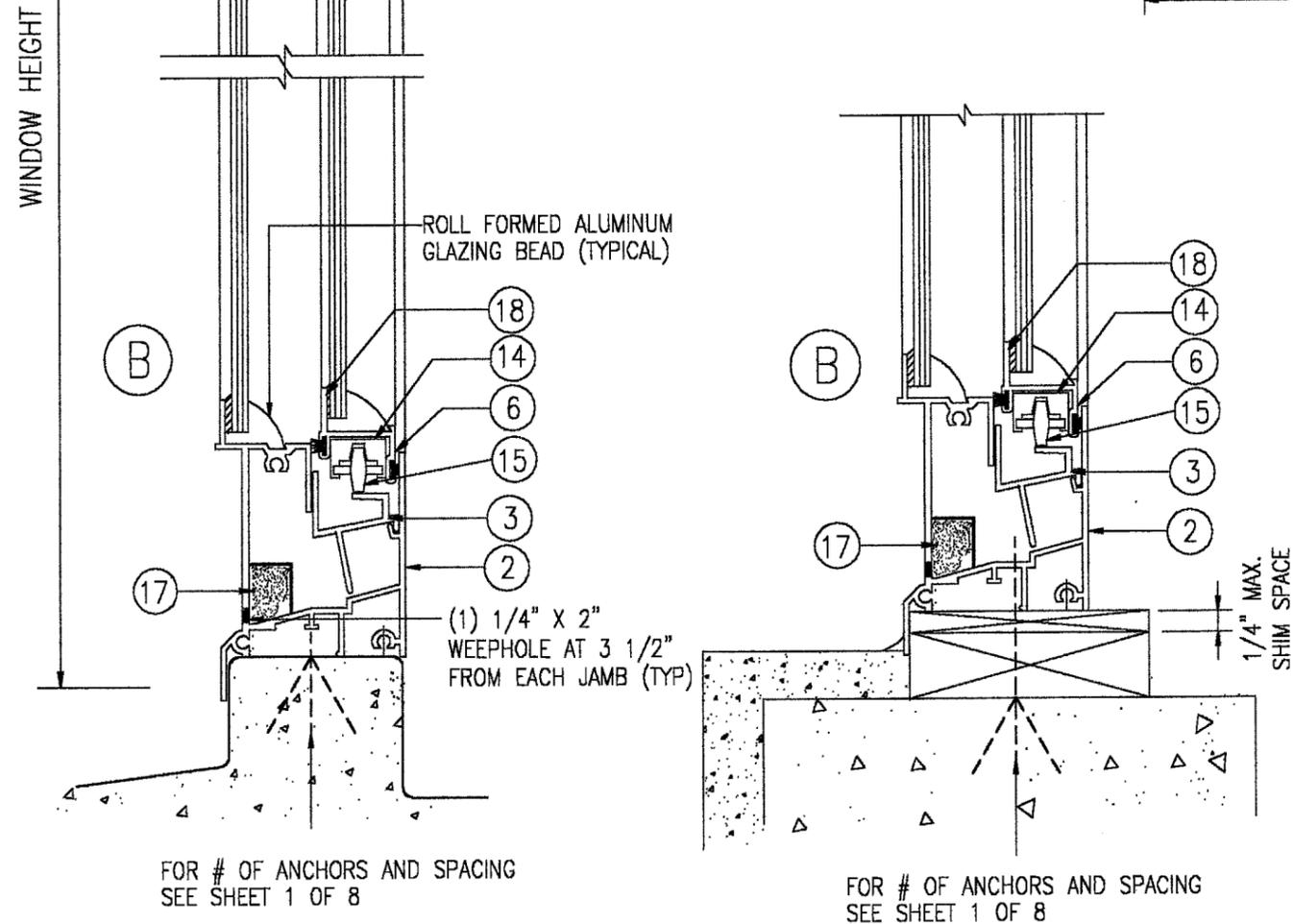
**KD**  
 Windows  
 3705 SHARES PLACE  
 RIVERA BEACH, FL 33404  
 Ph: (561)-845-1401

**FRANCISCO HERNANDEZ P. E.**  
 Structural Engineering  
 351 NW 82nd AVE #1118  
 Miami, Florida 33126  
 Phone (305) 264-7919  
 Fax (305) 266-3427

**SERIES 400 ALUMINUM  
 HORIZONTAL SLIDING WINDOW**



**HORIZONTAL SECTION**



**VERTICAL SECTION**

**METHOD OF ATTACHMENT**

FOR ATTACHMENT THRU 1 BY TO CONCRETE OR DIRECTLY TO CONCRETE USE 3/16" OR 1/4" TAPCON WITH A MINIMUM EMBEDMENT OF 1 1/4" WITHIN CONCRETE.

FOR ATTACHMENT TO 2 BY OR TO WOOD STRUCTURE USE #10 WD. SCREW (1 1/2" MINIMUM PENETRATION) OR #14 WD. SCREW (1 3/4" MINIMUM PENETRATION) INTO WOOD.

**GLASS**

1/4" TEMPERED GLASS

**METHOD OF GLAZING:**

THE GLASS SHALL BE INTERIOR GLAZED WITH DOW CORNING 899 OR 995 SILICONE AND A ROLL FORMED ALUMINUM GLAZING BEAD WITH .326" GLASS BITE

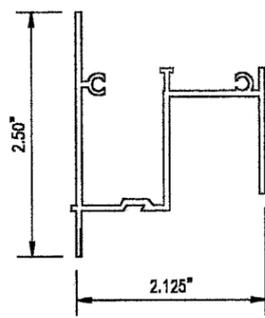
**HORIZONTAL SLIDING WINDOW XO OR OX INSIDE GLAZED**

APPROVED AS COMPLYING WITH THE  
 SOUTH FLORIDA BUILDING CODE  
 DATE **DEC 27 2001**  
 BY *Manuel...*  
 PRODUCT CONTROL DIVISION  
 BUILDING CODE COMPLIANCE OFFICE  
 ACCEPTANCE NO. **01-0110-05**

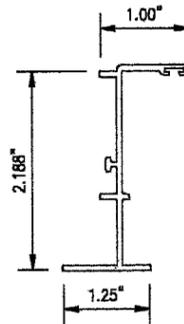
*[Signature]*  
**11-15-01**  
 FRANCISCO HERNANDEZ  
 FL PE # 51393

Drawn By: MH  
 Date: 12-01-00  
 Scale: 1/2"=1"  
 Revision: \_\_\_\_\_  
 Revision: \_\_\_\_\_

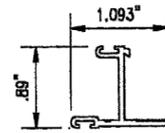
DRAWING NO.  
**HS00-02**  
 SHEET  
**4 OF 8**



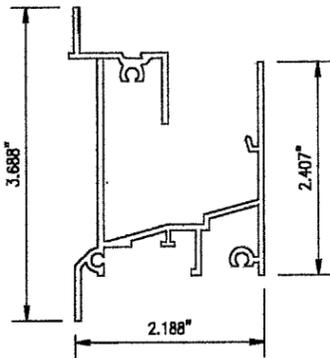
FRAME HEAD  
AW-103



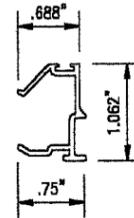
JAMB  
AW-117



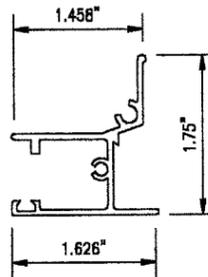
SASH TOP & BOTTOM  
AW-107



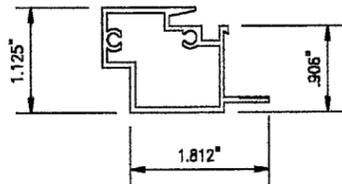
FRAME SILL  
AW-116



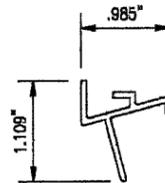
SCREEN ADAPTER  
AW-114



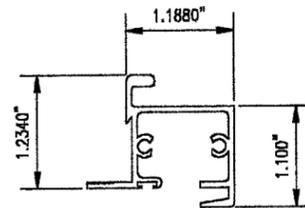
SASH VENT JAMB  
AW-115



FIXED MEETING RAIL  
AW-104



FRAME SILL TRACK  
AW-402



SASH VENT MEETING RAIL  
AW-106

**2-LITES OX OR XO INSIDE GLAZED WINDOW**

No	PART	QTY	PART DESCRIPTION	MATERIAL
1	AW-103	1	FRAME HEAD	6063-T5
2	AW-116	1	FRAME SILL	6063-T5
3	AW-402	1	FRAME SILL TRACK	6063-T5
4	AW-104	1	FIXED MEETING RAIL	6063-T5
5	AW-117	2	FRAME JAMB	6063-T5
6	AW-107	2	SASH TOP & BOTTOM	6063-T5
7	AW-114	1	SCREEN ADAPTER	6063-T5
8	AW-106	1	MOVING MEETING RAIL	6063-T5
9	AW-115	1	SASH VENT JAMB	6063-T5
10	-	AS REQ'D	GLAZING STOP	ROLL FORMED
11	-	1	SCREEN ADAPTER	6063-T5
12	-	AS REQ'D	ASSEMBLY SCREWS	#8X1" PHILLIPS
13	-	AS REQ'D	ASSEMBLY SCREWS	#8X3" PHILLIPS
14	-	4	PLASTIC HOUSING	-
15	-	2	PLASTIC WHEEL	-
16	-	AS REQ'D	FIN SEAL PILE	-
17	-	2	2" FOAM	-
18	-	AS REQ'D	899 OR 995 DOW CORNING	SILICONE

**KD**  
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Fax (305) 266-3427

**SERIES 400 ALUMINUM  
HORIZONTAL SLIDING WINDOW**

Drawn By: MH  
Date: 12-01-00  
Scale: 1/2"=1"  
Revision: \_\_\_\_\_  
Revision: \_\_\_\_\_

DRAWING NO.  
HS00-02

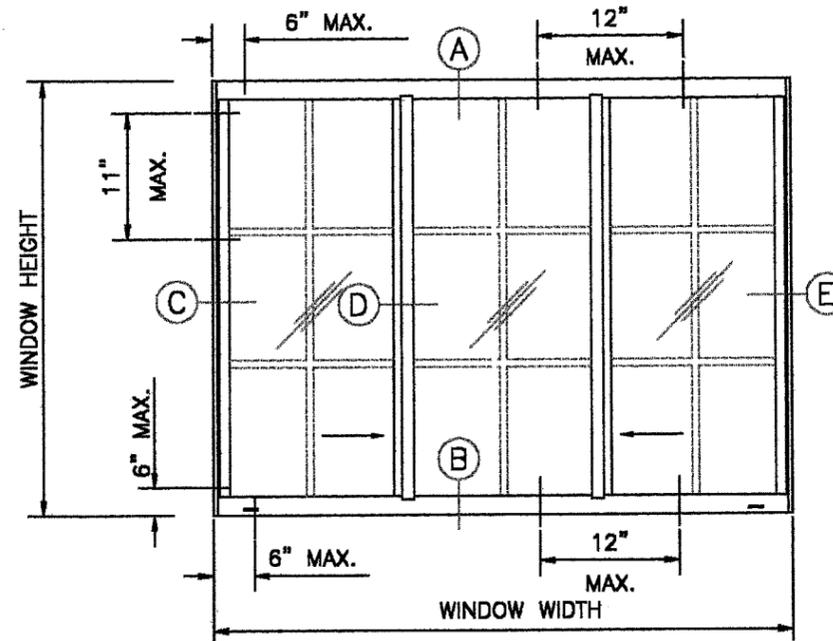
SHEET  
5 OF 8

APPROVED AS COMPLYING WITH THE  
SOUTH FLORIDA BUILDING CODE  
DATE DEC 27 2001  
BY Manuel Hernandez  
PRODUCT CONTROL DIVISION  
BUILDING CODE COMPLIANCE OFFICE  
ACCEPTANCE NO. 01-0110-05

Manuel Hernandez  
12-19-01  
FRANCISCO HERNANDEZ  
FL PE # 51393

### COMPARATIVE ANALYSIS CHART (XOX)

MARK	DIMENSIONS		NUMBER OF ANCHORS		OUTSIDE GLAZED						
					DSB ANNEALED GLASS		DSB ANNEALED GLASS 1/1		3/16" ANNEALED GLASS 1/1		
					TRUE MUNTIN		3/16 TAPCONS		3/16 TAPCONS		
					POS.	NEG.	POS.	NEG.	POS.	NEG.	
WIDTH	HEIGHT	HEAD & SILL	JAMBS	POS.	NEG.	POS.	NEG.	POS.	NEG.		
STANDARD SIZES	2/32	106 1/4"	26"	9	3	53.3	67.0	53.3	67.0	53.3	122.5
	3/22	111"		10		53.3	67.0	53.3	67.0	53.3	122.5
	-	121"		10		53.3	67.0	53.3	67.0	53.3	122.5
	-	149"		-		-	-	-	-	53.3	105.2
	-	156 1/4"		-		-	-	-	-	53.3	100.1
STANDARD SIZES	2/33	106 1/4"	38 3/8"	9	4	52.2	52.2	52.2	52.2	53.3	94.7
	3/23	111"		10		49.8	49.8	49.8	49.8	53.3	90.4
	-	121"		10		45.5	45.5	45.5	45.5	53.3	82.6
	-	149"		-		-	-	-	-	53.3	66.5
	-	156 1/4"		-		-	-	-	-	53.3	63.3
STANDARD SIZES	2/34	106 1/4"	50 5/8"	9	5	-	-	-	-	53.3	64.1
	3/24	111"		10		-	-	-	-	53.3	62.9
	-	121"		10		-	-	-	-	53.3	60.5
	-	149"		-		-	-	-	-	48.7	48.7
	-	156 1/4"		-		-	-	-	-	46.4	46.4
STANDARD SIZES	2/35	106 1/4"	63"	9	6	-	-	-	-	43.8	46.3
	3/25	111"		10		-	-	-	-	42.7	45.1
	-	121"		10		-	-	-	-	40.6	43.0
	-	149"		-		-	-	-	-	-	-
	-	156 1/4"		-		-	-	-	-	-	-
MODULAR SIZES	6020	72"	24"	6	2	53.3	67.0	53.3	67.0	53.3	122.5
	7020	84"		7		53.3	67.0	53.3	67.0	53.3	122.5
	8020	96"		8		53.3	67.0	53.3	67.0	53.3	122.5
	9020	108"		9		53.3	67.0	53.3	67.0	53.3	122.5
	6030	72"	36"	6	4	53.3	67.0	53.3	67.0	53.3	122.5
	7030	84"		7		53.3	67.0	53.3	67.0	53.3	122.5
	8030	96"		8		53.3	62.5	53.3	62.5	53.3	113.4
	9030	108"		9		53.3	55.2	53.3	55.2	53.3	100.1
	6040	72"	48"	6	5	53.3	61.5	50.1	50.1	53.3	86.9
	7040	84"		7		52.1	52.1	45.4	45.4	53.3	78.7
	8040	96"		8		45.2	45.2	42.2	42.2	53.3	73.1
	9040	108"		9		-	-	-	-	53.3	69.3
	6050	72"	60"	6	6	-	-	-	-	53.3	64.8
	7050	84"		7		-	-	-	-	53.3	57.9
	8050	96"		8		-	-	-	-	50.0	52.9
9050	108"	9		-		-	-	-	46.5	49.2	
6060	72"	72"	6	7	-	-	-	-	43.3	45.8	
7060	84"		7		-	-	-	-	-	-	
8060	96"		8		-	-	-	-	-	-	
9060	108"		9		-	-	-	-	-	-	



**ELEVATION (XOX)**  
**HURRICANE PROTECTION SYSTEM IS REQUIRED**

**TEST REPORTS:**

ATL # 0428.01-97, DATED ON 6/1/98 BY AMERICAN TEST LAB OF SOUTH FLORIDA.

**SPECIMEN C**  
 TEST SIZE= 108" X 48" (XOX)  
 DESIGN PRESSURES:  
 EXTERIOR +40.0 PSF  
 INTERIOR -40.0 PSF  
 GLASS = DSB ANNEALED

**SPECIMEN G2**  
 TEST SIZE=156 1/4" X 64 1/2" (XOX)  
 DESIGN PRESSURES:  
 EXTERIOR +35.0 PSF  
 INTERIOR -37.0 PSF  
 GLASS = 3/16" ANNEALED

**SPECIMEN E (TRUE COLONIAL)**  
 TEST SIZE= 108" X 48" (XOX)  
 DESIGN PRESSURES;  
 EXTERIOR +50.0 PSF  
 INTERIOR -53.3 PSF  
 GLASS = DSB ANNEALED  
 WATER INFILTRATION TEST= 8.0 PSF

APPROVED AS COMPLYING WITH THE SOUTH FLORIDA BUILDING CODE	 11-19-01 FRANCISCO HERNANDEZ FLORIDA PE # 51393
DATE: DEC 27 2001 BY: <i>Francisco Hernandez</i> PRODUCT CONTROL DIVISION BUILDING CODE COMPLIANCE OFFICE ACCEPTANCE NO. 01-0110-05	

**KD**  
 Windows  
 3705 SHARES PLACE  
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 Fax (305) 266-3427

**SERIES 400 ALUMINUM  
 HORIZONTAL SLIDING WINDOW**

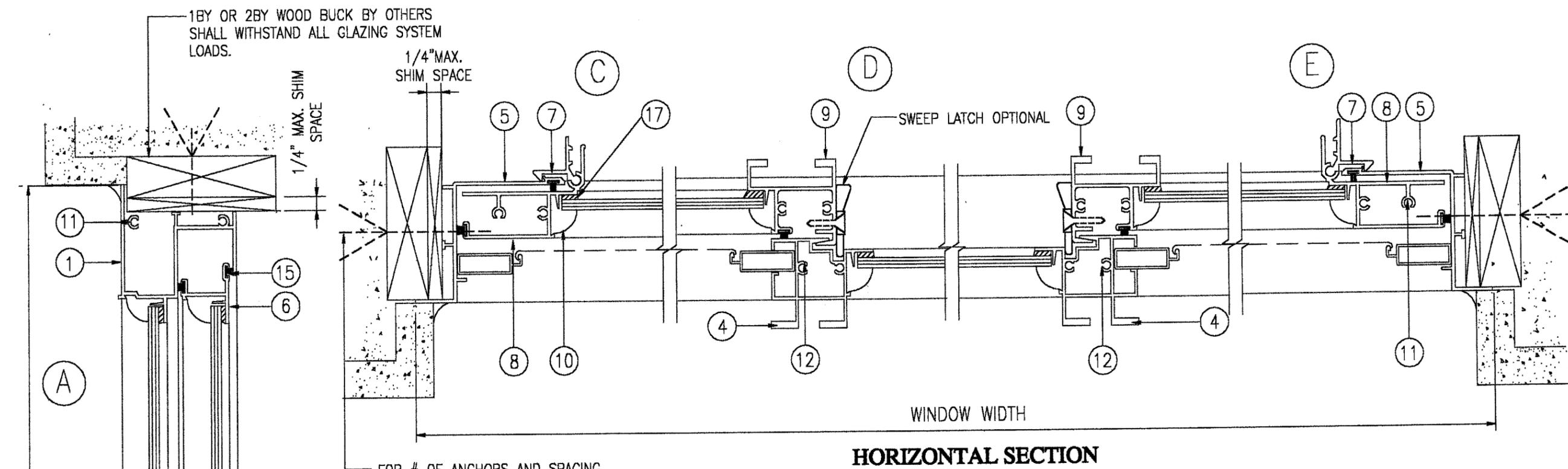
Drawn By: MH  
 Date: 12-1-00  
 Scale: 3/8"=1'  
 Revision: \_\_\_\_\_  
 Revision: \_\_\_\_\_

DRAWING NO.  
HS00-02  
 SHEET  
 6 OF 8

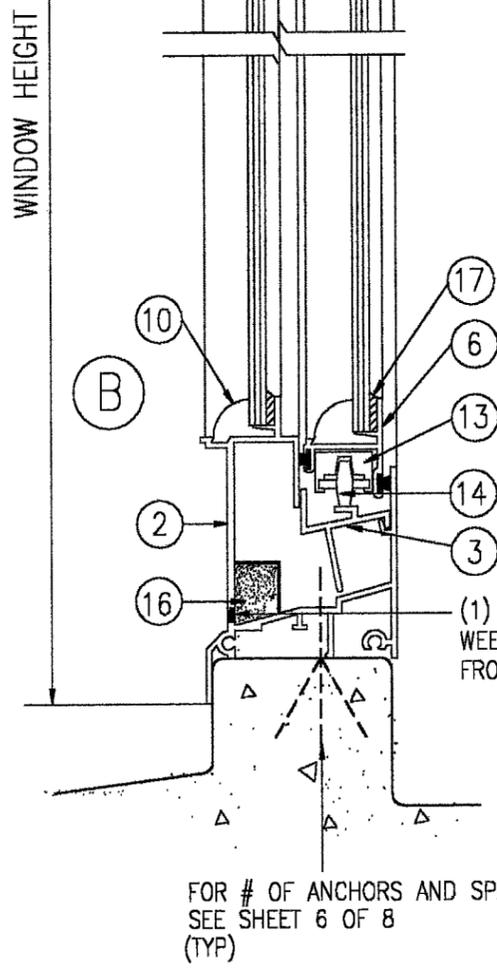
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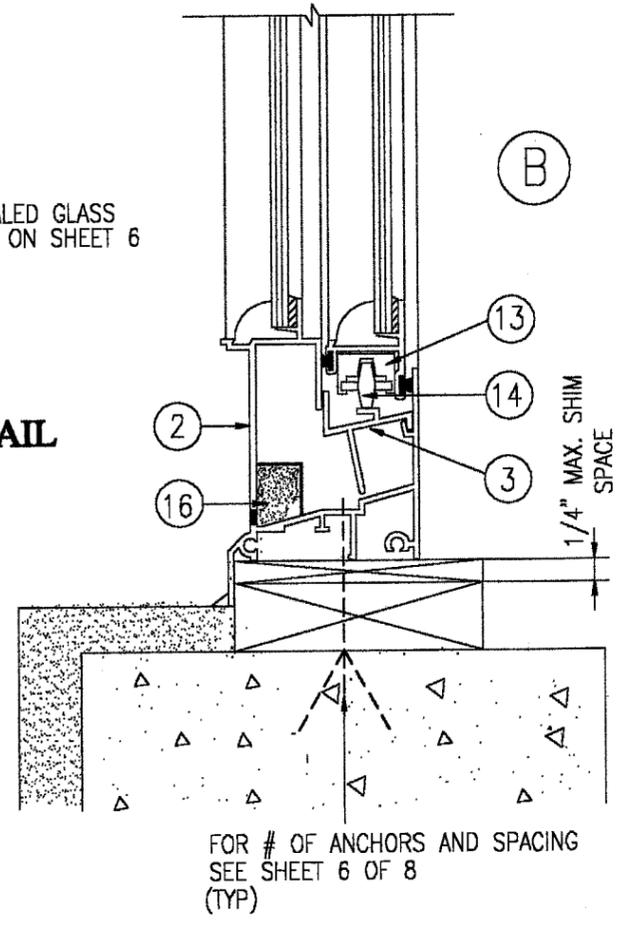
**SERIES 400 ALUMINUM  
HORIZONTAL SLIDING WINDOW**



**HORIZONTAL SECTION**



**TRUE MUNTIN DETAIL**



**VERTICAL SECTIONS**

**METHOD OF ATTACHMENT**

FOR ATTACHMENT THRU 1 BY TO CONCRETE OR DIRECTLY TO CONCRETE USE 3/16" TAPCON WITH A MINIMUM EMBEDMENT OF 1 1/4" WITHIN CONCRETE.  
FOR ATTACHMENT TO 2 BY OR TO WOOD STRUCTURE USE #10 WD. SCREW WITH 1 1/2" MINIMUM PENETRATION INTO WOOD.

**GLASS:**

DSB ANNEALED GLASS  
3/16" ANNEALED GLASS

**METHOD OF GLAZING:**

THE GLASS SHALL BE EXTERIOR GLAZED WITH DOW CORNING 899 OR 995 SILICONE AND A ROLL FORMED ALUMINUM GLAZING BEAD WITH .40" GLASS BITE

**HORIZONTAL SLIDING WINDOW XOx / OUTSIDE GLAZED**

APPROVED AS COMPLYING WITH THE  
SOUTH FLORIDA BUILDING CODE  
DATE **DEC 27 2001**  
BY *Francisco Hernandez*  
PRODUCT CONTROL DIVISION  
BUILDING CODE COMPLIANCE OFFICE  
ACCEPTANCE NO. **01-0110.05**

*Francisco Hernandez*  
**11-15-01**  
FRANCISCO HERNANDEZ  
FL PE # 51393

Drawn By: **MH**  
Date: **12-1-00**  
Scale: **1/2"=1"**  
Revision: \_\_\_\_\_  
Revision: \_\_\_\_\_

DRAWING NO.  
**HS00-02**  
SHEET  
**7 OF 8**

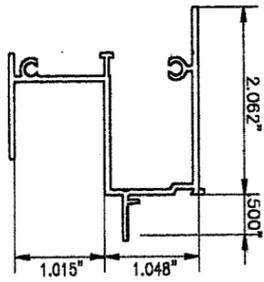
FOR # OF ANCHORS AND SPACING  
SEE SHEET 6 OF 8  
(TYP)

FOR # OF ANCHORS AND SPACING  
SEE SHEET 6 OF 8  
(TYP)

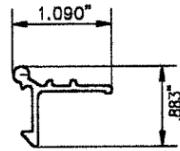
FOR # OF ANCHORS AND SPACING  
SEE SHEET 6 OF 8  
(TYP)

DSB-ANNEALED GLASS  
SEE CHART ON SHEET 6

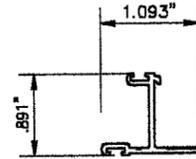
(1) 1/4" X 2"  
WEEPHOLE AT 3 1/2"  
FROM EACH JAMB (TYP)



FRAME HEAD  
AW-353



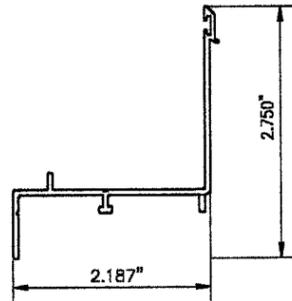
LATCH  
AW-354



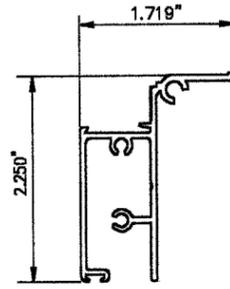
SASH TOP & BOTTOM  
AW-355



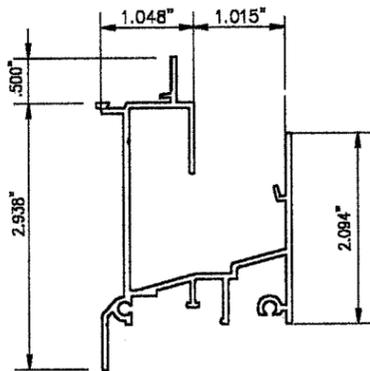
SILL TRACK  
AW-402



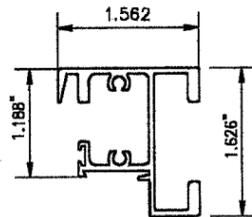
FRAME JAMB  
AW-361



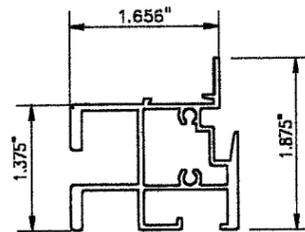
SASH VENT JAMB  
AW-360



FRAME SILL  
AW-401



SASH VENT MEETING RAIL  
AW-374



FIXED MEETING RAIL  
AW-373

**3-LITES XOX OUTSIDE GLAZED WINDOW**

No	PART	QTY	PART DESCRIPTION	MATERIAL
1	AW-353	1	FRAME HEAD	6063-T5
2	AW-401	1	FRAME SILL	6063-T5
3	AW-402	1	FRAME SILL TRACK	6063-T5
4	AW-373	2	FIXED MEETING RAIL	6063-T5
5	AW-361	2	FRAME JAMB	6063-T5
6	AW-355	4	SASH TOP & BOTTOM	6063-T5
7	AW-354	2	LATCH	6063-T5
8	AW-360	2	SASH VENT JAMB	6063-T5
9	AW-374	2	SASH VENT MEETING RAIL	-
10	-	AS REQ'D	GLAZING STOP	ROLL FORMED
11	-	AS REQ'D	ASSEMBLY SCREWS	#8X1" PHELLIPS
12	-	AS REQ'D	ASSEMBLY SCREWS	#8X3" PHELLIPS
13	-	8	PLASTIC HOUSING	-
14	-	4	PLASTIC WHEEL	-
15	-	AS REQ'D	FIN SEAL PILE	-
16	-	2	2" FOAM	-
17	-	AS REQ'D	899/995 DOW CORNING	SILICONE

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**SERIES 400 ALUMINUM  
HORIZONTAL SLIDING WINDOW**

Drawn By: MH  
Date: 12-1-00  
Scale: 1/2"=1"  
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DRAWING NO.  
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SHEET  
8 OF 8

APPROVED AS COMPLYING WITH THE  
SOUTH FLORIDA BUILDING CODE  
DATE DEC 27 2001  
BY Manuel Cruz  
PRODUCT CONTROL DIVISION  
BUILDING CODE COMPLIANCE OFFICE  
ACCEPTANCE NO. 01-0110.05

Francisco Hernandez  
11-15-01  
FRANCISCO HERNANDEZ  
FL PE # 51393