



MIAMI-DADE COUNTY
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)

PGT Industries
P.O. Box 1529
Nokomis, FL 34274

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 Florida Building Code, including the High Velocity Hurricane Zone.

DESCRIPTION: Series "SH-4000" Aluminum Single Hung Window

APPROVAL DOCUMENT: Drawing No. 2736, titled "Alum. Single Hung Window W/ STD. MTG. Rail", sheets 1 through 9 of 9, prepared, signed and sealed by Robert L. Clark, P.E., dated 12/15/04 with revision "D", on 12/15/04, 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 # 04-0714.06 and, consists of this page 1 and evidence page E-1 and E-2, as well as approval document mentioned above.

The submitted documentation was reviewed by **Herminio F. Gonzalez, P.E., Director, BCCO**



NOA No 05-0104.05
Expiration Date: September 30, 2006
Approval Date: March 24, 2005
Page 1

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

A. DRAWINGS

1. Manufacturer's die drawings and sections.
2. Drawing No 2736, titled "Series "Alum. Single Hung Window W/STD. MTG. Rail" Sheets 1 through 9 of 9, prepared by the manufacture dated 12/15/04 with revision "D", on 12/15/04, signed and sealed by Robert L. Clark, P.E.

B. TESTS

1. Test reports on 1) Uniform Static Air Pressure Test, Loading per FBC, TAS 202-94 along with marked-up drawings and installation diagram of aluminum single hung window, prepared by Fenestration Testing Laboratory, Inc., Test Report No. **FTL-3654** signed and sealed by Joseph C. Chan, P.E.
"Submitted under NOA # 04-0714.06"
2. Test reports on 1) Air Infiltration Test, per FBC, TAS 202-94
2) Uniform Static Air Pressure Test, Loading per FBC, TAS 202-94
3) Water Resistance Test, per FBC, TAS 202-94
4) Forced Entry Test, per FBC 2411.3.2.1 (b) and TAS 202-94
along with marked-up drawings and installation diagram of aluminum single hung windows, prepared by Fenestration Testing Laboratory, Inc., Test Report No. **FTL-2959, 2960, 2961, 2962, 2963 and 2964** dated various, signed and sealed by Antonio Acevedo, P.E.
"Submitted under NOA # 04-0714.06"
3. Test reports on 1) Air Infiltration Test, per FBC, TAS 202-94
2) Uniform Static Air Pressure Test, Loading per FBC, TAS 202-94
3) Water Resistance Test, per FBC, TAS 202-94
4) Forced Entry Test, per FBC 2411.3.2.1 (b) and TAS 202-94
along with marked-up drawings and installation diagram of aluminum single hung windows, prepared by Fenestration Testing Laboratory, Inc., Test Report No. **FTL-4179** dated April 07, 2004, signed and sealed by Edmundo J. Largaespada, P.E.
"Submitted under NOA # 04-0714.06"
4. Test reports on 1) Air Infiltration Test, per FBC, TAS 202-94
2) Uniform Static Air Pressure Test, Loading per FBC, TAS 202-94
3) Water Resistance Test, per FBC, TAS 202-94
4) Forced Entry Test, per FBC 2411.3.2.1 (b) and TAS 202-94
along with marked-up drawings and installation diagram of aluminum single hung windows, prepared by Fenestration Testing Laboratory, Inc., Test Report No. **FTL-4379** dated 11/04/04, signed and sealed by Edmundo J. Largaespada, P.E.



Herminio F. Gonzalez, P.E.
Director, Building Code Compliance Office
NOA No 05-0104.05
Expiration Date: September 30, 2006
Approval Date: March 24, 2005

PGT Industries

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

C. CALCULATIONS

1. Anchor Calculations, ASTM-E 1300, and structural analysis, prepared by PGT Industries, dated 1/8/04, signed and sealed by Robert L. Clark, P.E.
"Submitted under NOA # 04-0714.06"
2. Anchor Calculations dated 5/2/2000, last revised on 08/09/2001, prepared, signed and sealed by Robert L. Clark, P.E.
"Submitted under NOA # 04-0714.06"
3. Anchor Calculations, ASTM-E 1300, and structural analysis, prepared by PGT Industries, dated 12/28/04, signed and sealed by Robert L. Clark, P.E.

D. QUALITY ASSURANCE

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

E. MATERIAL CERTIFICATIONS

1. None.

F. STATEMENTS

1. Statement letter of conformance, dated May 11, 2001, signed by Robert L. Clark, P.E.
"Submitted under NOA # 04-0714.06"
2. Statement letter of no financial interest, dated May 11, 2001, signed by Robert L. Clark, P.E.
"Submitted under NOA # 04-0714.06"
3. Laboratory compliance statement as part of test reports for Test Report no. **FTL-2959, 2960, 2961, 2962, 2963** and **2964**, issued by Fenestration Testing Laboratory, Inc., signed and sealed by signed and sealed by Antonio Acevedo, P.E.
"Submitted under NOA # 04-0714.06"

G. OTHER

1. Letter from the consultant stating that the product is in compliance with the Florida Building Code (FBC).
2. Notice of Acceptance No. **04-0714.06**, issued to PGT Industries, Series SH-4000 Aluminum Single Hung Window, approved on September 02, 2004 and expiring on September 30, 2006.



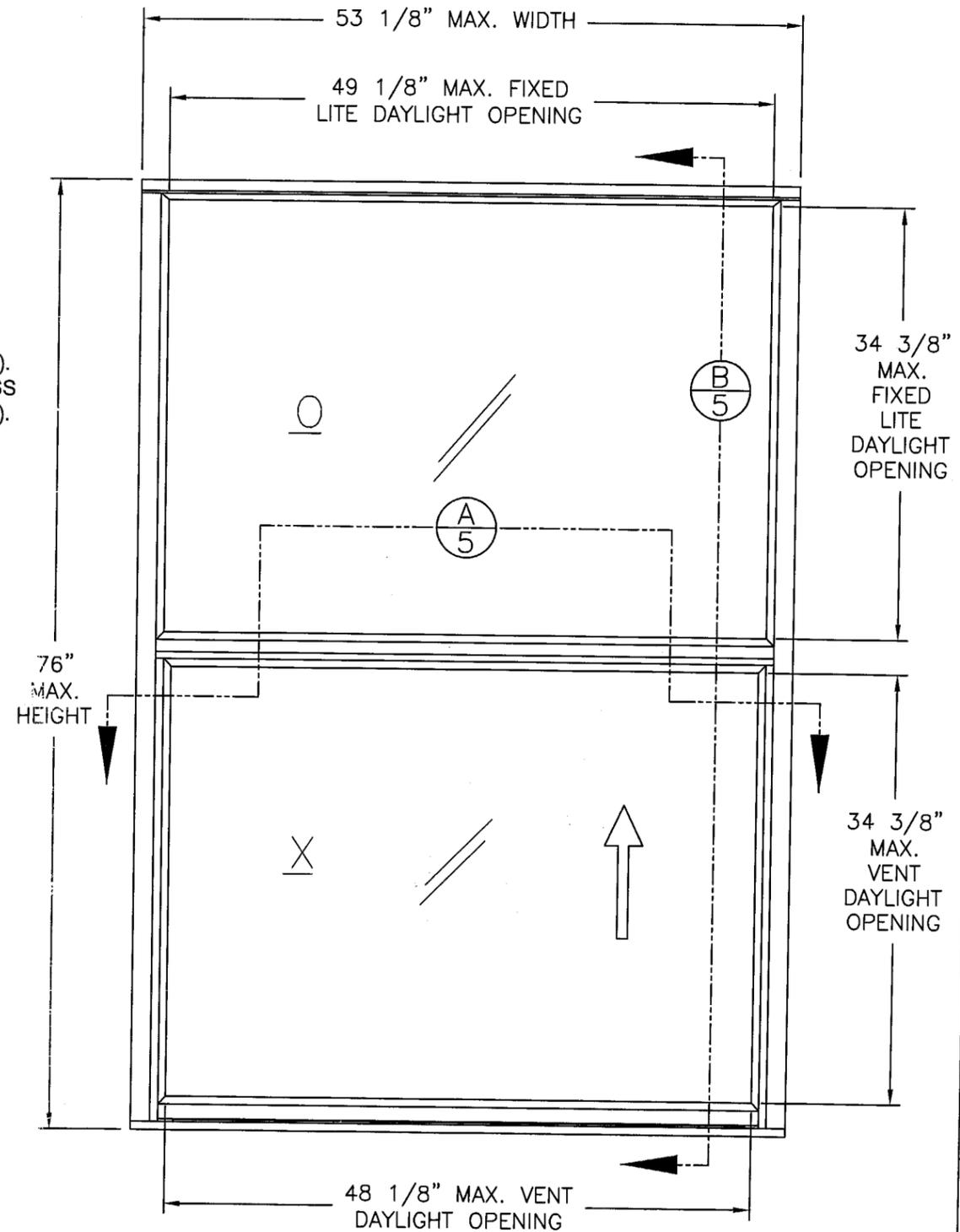
Herminio F. Gonzalez, P.E.
Director, Building Code Compliance Office
NOA No 05-0104.05

Expiration Date: September 30, 2006

Approval Date: March 24, 2005

GENERAL NOTES: NON-IMPACT WINDOW

1. GLAZING OPTIONS:
 - A. 1/8" ANNEALED GLASS
 - B. 1/8" TEMPERED GLASS
 - C. 3/16" ANNEALED GLASS
 - D. 1/4" ANNEALED GLASS
 - E. 3/16" TEMPERED GLASS
 - F. 1/4" TEMPERED GLASS
 - G. 1/2" I.G. GLASS CONSISTING OF (2) LITES OF 1/8" ANNEALED GLASS WITH AN AIR SPACE BETWEEN.
 - H. 1/2" I.G. GLASS CONSISTING OF (1) LITE OF 3/16" ANNEALED GLASS AND (1) LITE OF 1/8" ANNEALED GLASS WITH AN AIR SPACE BETWEEN.
2. CONFIGURATION: 1/1 OX
3. DESIGN PRESSURES: (SEE TABLE 1, SHEET 4)
 - A. NEGATIVE DESIGN LOADS BASED ON TESTED PRESSURE AND GLASS TABLES ASTM E 1300-98 (ASTM E 1300-94 OUTSIDE MIAMI-DADE COUNTY).
 - B. POSITIVE DESIGN LOADS BASED ON WATER TEST PRESSURE AND GLASS TABLES ASTM E 1300-98 (ASTM E 1300-94 OUTSIDE MIAMI-DADE COUNTY).
 - C. DESIGN PRESSURES LESS THAN 40 PSF ARE NOT APPLICABLE IN MIAMI-DADE COUNTY.
4. FOR ANCHORAGE REQUIREMENTS SEE SHEETS 8 AND 9.
5. SHUTTERS ARE REQUIRED WHERE IMPACT RESISTANCE IS REQUIRED. SHUTTERS MUST BE MIAMI-DADE COUNTY APPROVED FOR INSTALLATION IN MIAMI-DADE COUNTY.
6. SEALANTS: FRAME CORNERS, FIXED MEETING RAIL SEAMS AND VENT CORNERS SEALED WITH CLEAR COLORED SEALANT.
7. REFERENCE TEST REPORTS: FTL-2959, FTL-2960, FTL-2961, FTL-2963, FTL-3654, FTL-4179, AND FTL-4379.



OUTSIDE ELEVATION

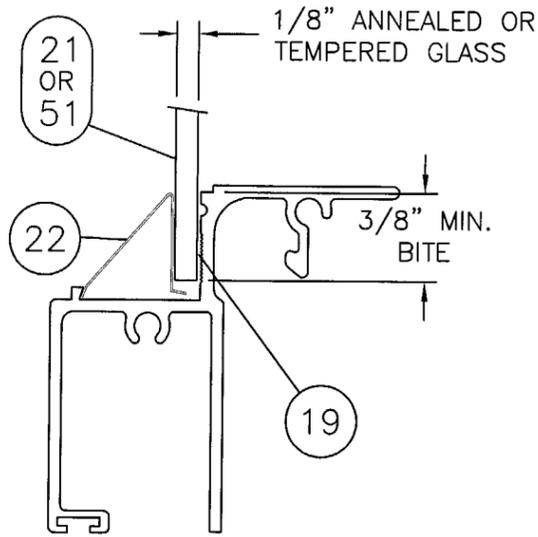
NOA DRAWING MAP

TOPIC	SHEET
GENERAL NOTES.....	1
ELEVATIONS.....	1
GLAZING DETAILS.....	2-3
DESIGN PRESSURES.....	4
VERT. SECTIONS.....	5
HORIZ. SECTIONS.....	5
PARTS LIST.....	6-7
EXTRUSIONS.....	6-7
ANCHORAGE.....	8-9

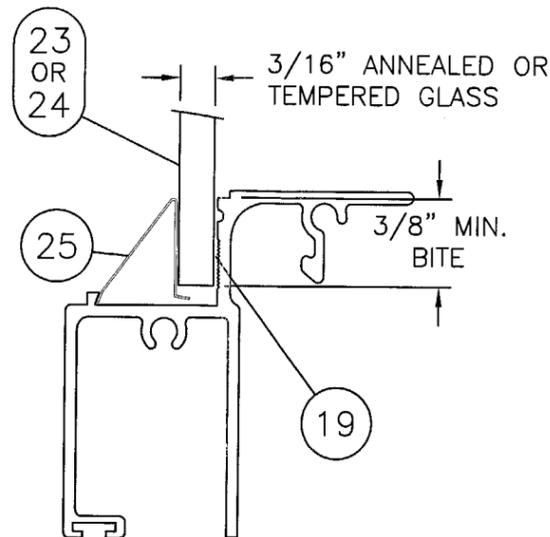
PRODUCT REVIEW
 as complying with the Florida
 Building Code
 Acceptance No. 05-0104.05
 Expiration Date 09/30/10
 By: *[Signature]*
 Miami Dade Product Control
 Division

[Signature]
 12/30/04
 Robert L. Clark, P.E.
 PE #39712
 Structural

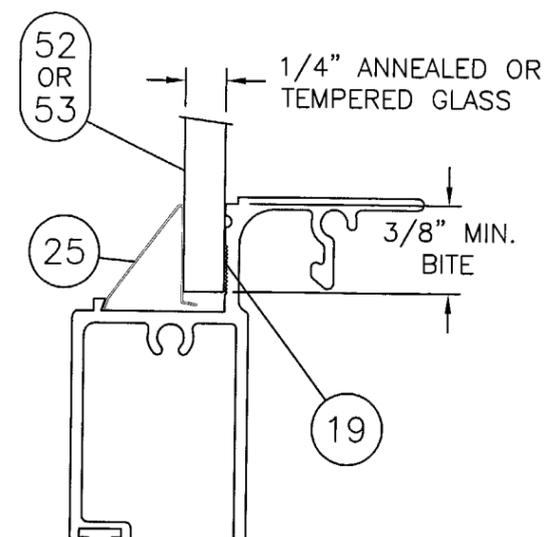
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Revsd By:	Date:	Revisions:	REDRAWN AND ADDED ALTERNATE EXTRUSIONS, ADDITIONAL GLASS TYPES AND MAP			Title: ALUM. SINGLE HUNG WINDOW, STD. MTG RAIL				
Revsd By:	Date:	Revisions:	ADD ALT. SILL, NOTE 1			Series/Model: SH4000	Scale: NTS	Sheet: 1 of 9	Drawing No. 2736	Rev: D
Drawn By:	Date:	Checked By:	Date:							



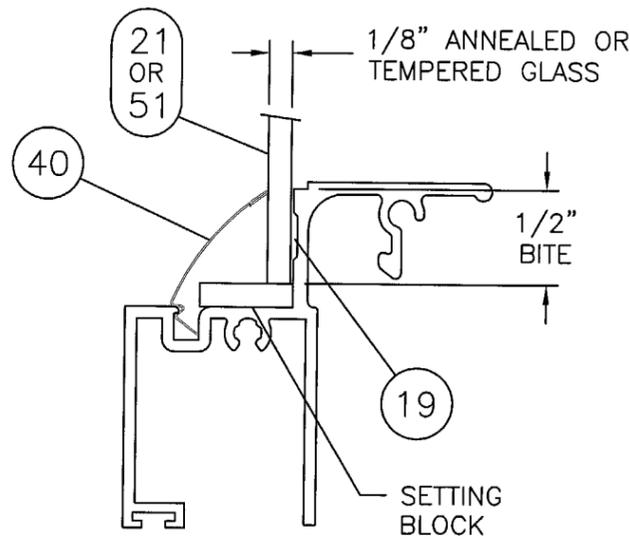
1/8" GLAZING DETAIL
(ORIGINAL DESIGN)



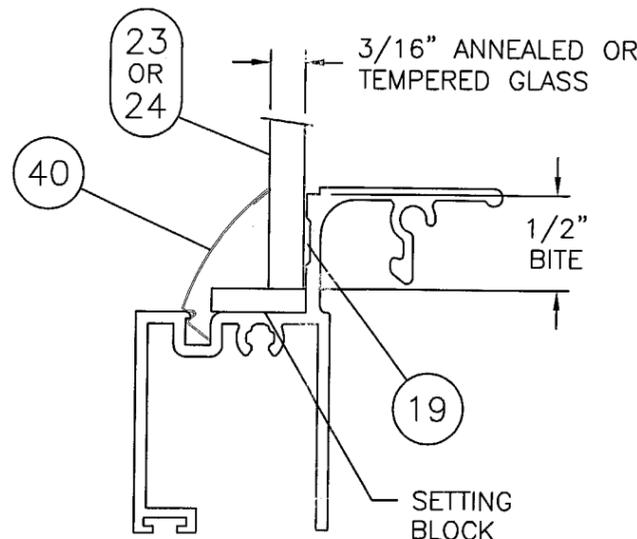
3/16" GLAZING DETAIL
(ORIGINAL DESIGN)



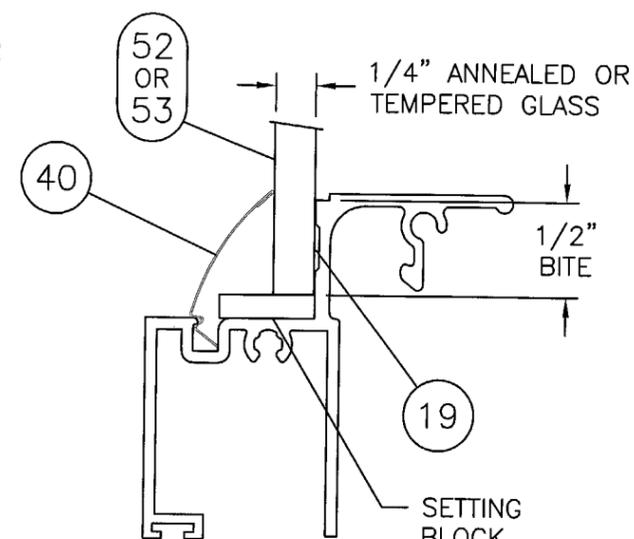
1/4" GLAZING DETAIL
(ORIGINAL DESIGN)



1/8" GLAZING DETAIL
(ALTERNATE DESIGN)



3/16" GLAZING DETAIL
(ALTERNATE DESIGN)



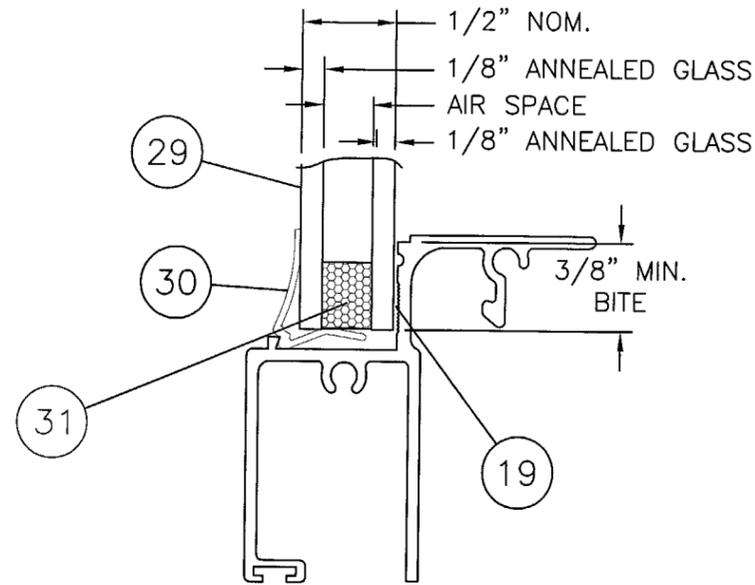
1/4" GLAZING DETAIL
(ALTERNATE DESIGN)

PRODUCT REVISED
 as complying with the Florida
 Building Code
 Acceptance No. 05-0104.05
 Expiration Date 09/30/06
 By: *[Signature]*
 Miami Dade Product Control
 Division

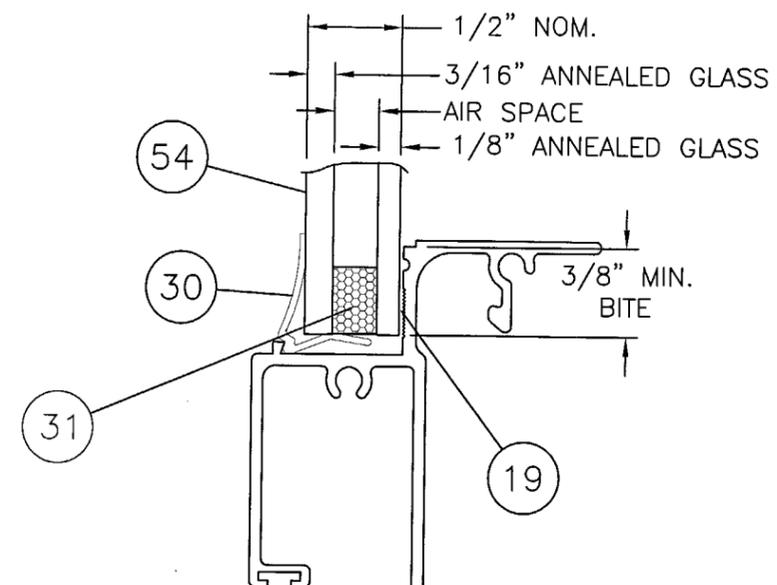
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 12/30/04

Revsd By:	Date:	Revisions:		1070 TECHNOLOGY DRIVE NOKOMIS, FL 34275 P.O. BOX 1529 NOKOMIS, FL 34274	 Visibly Better	Description: GLAZING DETAILS, MONOLITHIC				
Revsd By:	Date:	Revisions:	REDRAWN ORIG. AND ADDED ALT. GLAZING DETAILS			Title: ALUM. SINGLE HUNG WINDOW, STD. MTG RAIL				
Revsd By:	Date:	Revisions:	ADD ALT. SILL, NOTE 1			Series/Model:	Scale:	Sheet:	Drawing No.	Rev:
Drawn By:	Date:	Checked By:	Date:			SH4000	FULL	2 of 9	2736	D

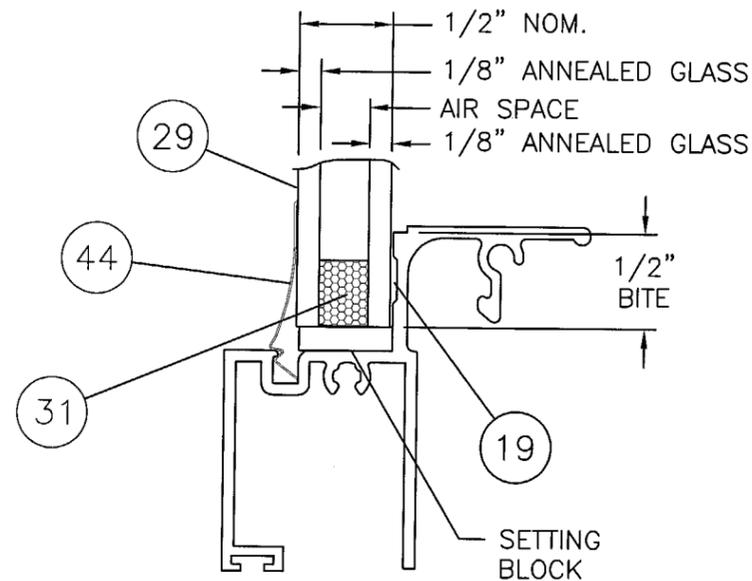
Robert L. Clark, P.E.
 PE #39712
 Structural



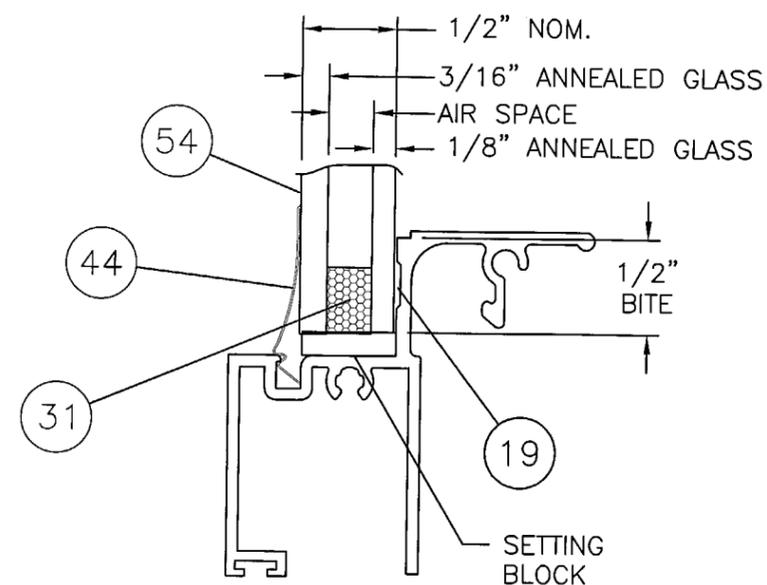
1/2" I.G. GLAZING DETAIL
(ORIGINAL DESIGN)



1/2" I.G. GLAZING DETAIL
(ORIGINAL DESIGN)



1/2" I.G. GLAZING DETAIL
(ALTERNATE DESIGN)



1/2" I.G. GLAZING DETAIL
(ALTERNATE DESIGN)

PRODUCT REVISED
to comply with the Florida
Building Code
Acceptance No. 05-0104.05
Expiration Date 09/30/06
By *M. Clark*
Miami Dade Product Control
Division

R. Clark
12/30/04

Revsd By:	Date:	Revisions:		1070 TECHNOLOGY DRIVE NOKOMIS, FL 34275 P.O. BOX 1529 NOKOMIS, FL 34274	PGT Visibly Better	Description: GLAZING DETAILS, I.G. GLASS				
Revsd By:	Date:	Revisions:				Title: ALUM. SINGLE HUNG WINDOW, STD. MTG RAIL				
Revsd By:	Date:	Revisions:				Series/Model:	Scale:	Sheet:	Drawing No.	Rev:
Drawn By:	Date:	Checked By:	Date:			SH4000	FULL	3 of 9	2736	D

Robert L. Clark, P.E.
PE #39712
Structural

COMPARATIVE ANALYSIS:											TABLE 1.	
WINDOW WIDTH	GLASS TYPE	WINDOW HEIGHT										
		26"		38 3/8"		50 5/8"		63"		76"		
19 1/8"	A	+56.7	-75.0	+56.7	-75.0	+56.7	-75.0	+56.7	-69.4	+43.8	-43.8	
	B	+56.7	-110.0	+56.7	-110.0	+56.7	-98.8	+56.7	-71.0	+43.8	-43.8	
	C,D	+56.7	-110.0	+56.7	-110.0	+56.7	-110.0	+56.7	-94.7	+56.7	-73.0	
	E,F	+56.7	-110.0	+56.7	-110.0	+56.7	-110.0	+56.7	-94.7	+56.7	-73.0	
	G,H	+56.7	-110.0	+56.7	-110.0	+56.7	-110.0	+56.7	-86.0	+56.7	-66.4	
24"	A	+56.7	-75.0	+56.7	-75.0	+56.7	-75.0	+56.7	-59.8	+38.2	-38.2	
	B	+56.7	-110.0	+56.7	-110.0	+56.7	-93.2	+56.7	-63.6	+38.2	-38.2	
	C,D	+56.7	-110.0	+56.7	-110.0	+56.7	-110.0	+56.7	-84.9	+56.7	-63.6	
	E,F	+56.7	-110.0	+56.7	-110.0	+56.7	-110.0	+56.7	-84.9	+56.7	-63.6	
	G,H	+56.7	-110.0	+56.7	-110.0	+56.7	-110.0	+56.7	-77.1	+56.7	-57.9	
26 1/2"	A	+56.7	-75.0	+56.7	-75.0	+56.7	-70.0	+56.6	-56.6	+36.3	-36.3	
	B	+56.7	-110.0	+56.7	-110.0	+56.7	-92.9	+56.7	-61.6	+33.8	-36.3	
	C,D	+56.7	-110.0	+56.7	-110.0	+56.7	-110.0	+56.7	-82.1	+56.7	-60.6	
	E,F	+56.7	-110.0	+56.7	-110.0	+56.7	-110.0	+56.7	-82.1	+56.7	-60.6	
	G,H	+56.7	-110.0	+56.7	-110.0	+56.7	-110.0	+56.7	-74.6	+55.0	-55.0	
32"	A	+56.7	-75.0	+56.7	-67.8	+56.7	-57.4	+50.8	-50.8	+33.8	-33.8	
	B	+56.7	-110.0	+56.7	-93.4	+56.7	-82.0	+56.7	-60.0	+33.0	-33.8	
	C,D	+56.7	-110.0	+56.7	-110.0	+56.7	-101.7	+56.7	-80.0	+56.4	-56.4	
	E,F	+56.7	-110.0	+56.7	-110.0	+56.7	-110.0	+56.7	-80.0	+56.4	-56.4	
	G,H	+56.7	-110.0	+56.7	-110.0	+56.7	-103.3	+56.7	-72.8	+51.3	-51.3	
37"	A	+56.7	-75.0	+56.5	-56.5	+49.6	-49.6	+43.7	-43.7	+33.0	-33.0	
	B	+56.7	-101.3	+56.7	-76.4	+56.7	-65.2	+56.7	-60.0	+33.0	-33.0	
	C,D	+56.7	-110.0	+56.7	-110.0	+56.7	-86.4	+56.7	-70.9	+55.0	-55.0	
	E,F	+56.7	-110.0	+56.7	-110.0	+56.7	-110.0	+56.7	-80.0	+55.0	-55.0	
	G,H	+56.7	-110.0	+56.7	-101.7	+56.7	-89.3	+56.7	-72.8	+50.0	-50.0	
40"	A	+56.7	-75.0	+52.5	-52.5	+45.3	-45.3	+40.2	-40.2	+33.0	-33.0	
	B	+56.7	-98.3	+56.7	-73.3	+56.7	-61.8	+48.0	-48.0	+33.0	-33.0	
	C,D	+56.7	-110.0	+56.7	-110.0	+56.7	-80.9	+56.7	-65.8	+55.0	-55.0	
	E,F	+56.7	-110.0	+56.7	-110.0	+56.7	-103.0	+56.7	-80.0	+55.0	-55.0	
	G,H	+56.7	-110.0	+56.7	-94.5	+56.7	-81.5	+56.7	-72.4	+50.0	-50.0	
44"	A	+56.7	-75.0	+47.5	-47.5	+40.0	-40.0	+36.7	-36.7	+32.8	-32.8	
	B	+56.7	-87.8	+56.7	-64.8	+53.9	-53.9	+48.0	-48.0	+33.0	-33.0	
	C	+56.7	-110.0	+56.7	-108.0	+56.7	-73.1	+56.7	-59.2	+52.3	-52.3	
	D	+56.7	-110.0	+56.7	-108.0	+56.7	-89.9	+56.7	-77.8	+55.0	-55.0	
	E,F	+56.7	-110.0	+56.7	-108.0	+56.7	-89.9	+56.7	-80.0	+55.0	-55.0	
48"	A	+56.7	-75.0	+45.5	-45.1	+35.7	-35.7	+33.7	-33.7	+29.8	-29.8	
	B	+56.7	-79.3	+56.7	-58.1	+47.8	-47.8	+42.1	-42.1	+33.0	-33.0	
	C	+56.7	-110.0	+56.7	-96.8	+56.7	-64.8	+53.9	-53.9	+48.0	-48.0	
	D	+56.7	-110.0	+56.7	-96.8	+56.7	-79.7	+56.7	-70.2	+55.0	-55.0	
	E,F	+56.7	-110.0	+56.7	-96.8	+56.7	-79.7	+56.7	-70.2	+55.0	-55.0	
53 1/8"	A	+56.7	-70.6	+43.2	-43.2	+30.9	-30.9	+29.7	-29.7	+27.6	-27.6	
	B	+56.7	-70.6	+51.2	-51.2	+41.8	-41.8	+36.3	-36.3	+33.0	-33.0	
	C	+56.7	-110.0	+56.7	-85.4	+56.7	-59.5	+47.9	-47.9	+43.1	-43.1	
	D	+56.7	-110.0	+56.7	-85.4	+56.7	-69.6	+56.7	-60.6	+54.5	-54.5	
	E,F	+56.7	-110.0	+56.7	-85.4	+56.7	-69.6	+56.7	-60.6	+55.0	-55.0	
G,H	+56.7	-107.0	+56.7	-77.6	+55.7	-55.7	+53.4	-53.4	+49.6	-49.6		

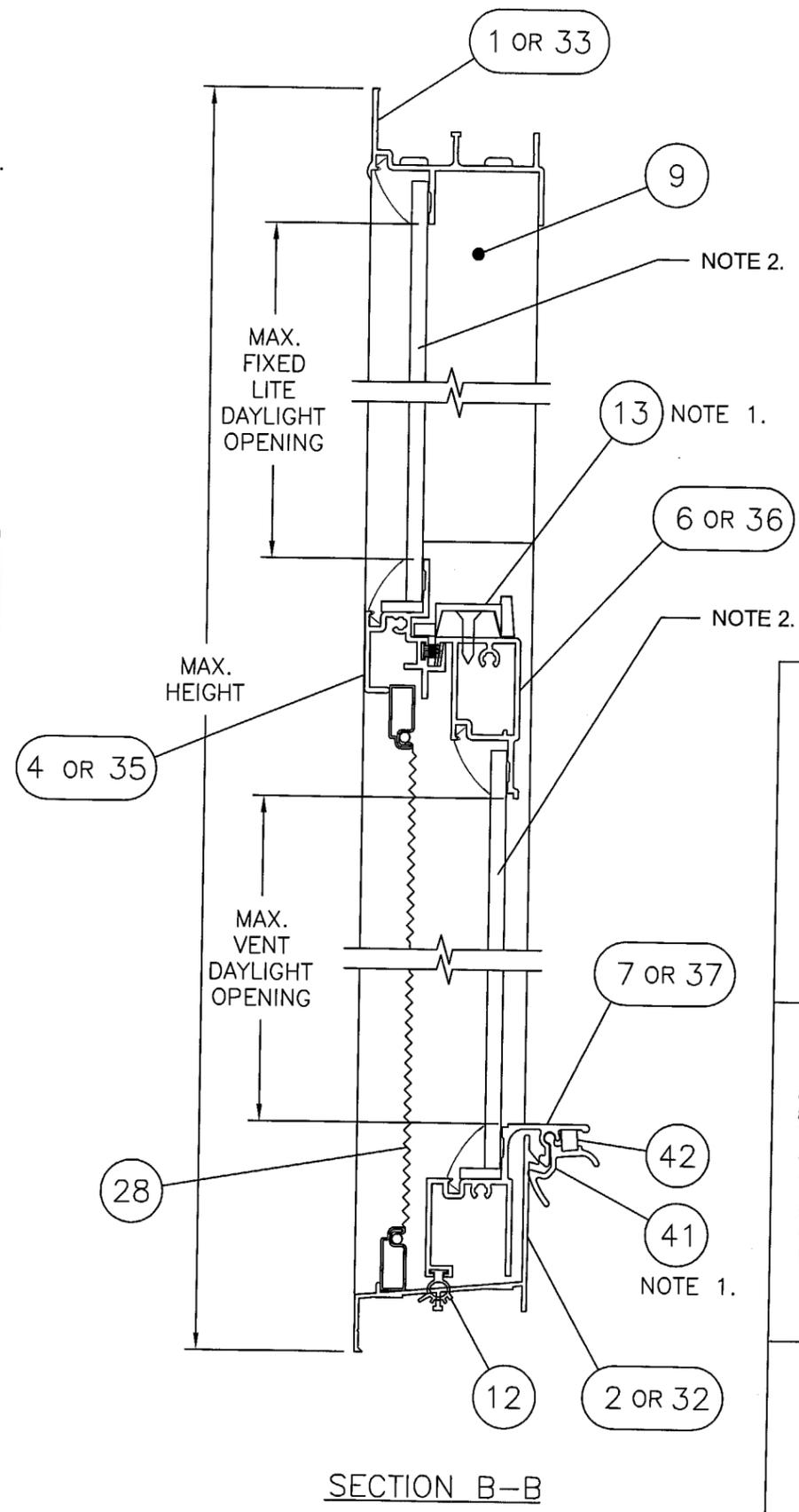
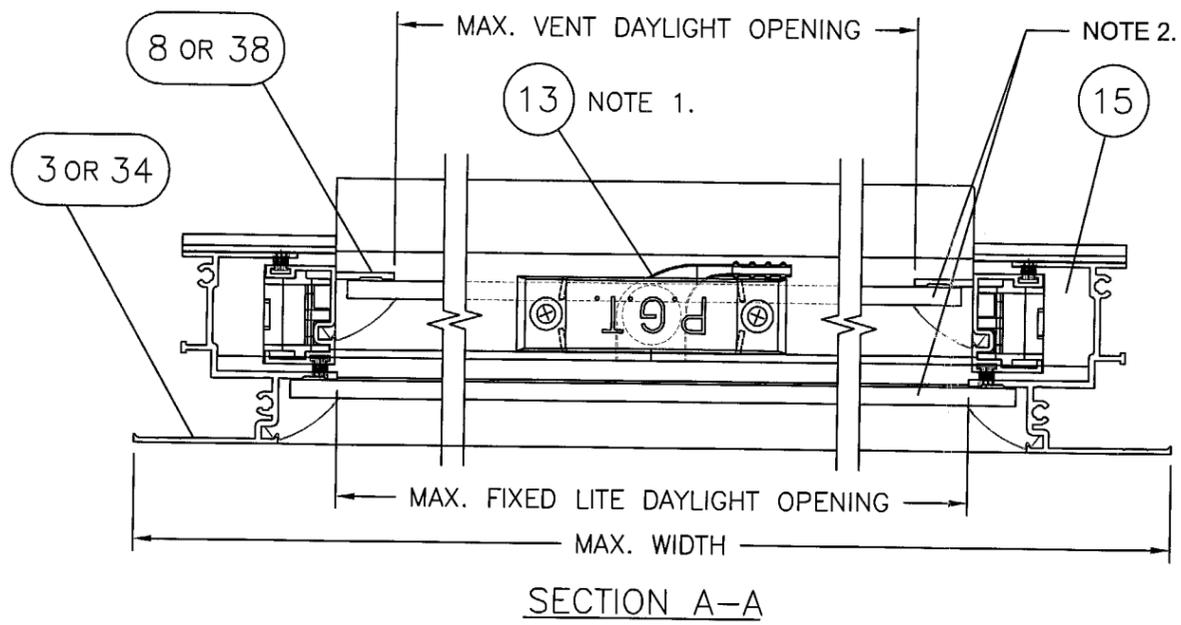
GLASS TYPES:		
A.	1/8" ANNEALED	FTL-2961, 2963
* B.	1/8" TEMPERED	FTL-2961, 2963
C.	3/16" ANNEALED	FTL-2960
* D.	1/4" ANNEALED	FTL-2960
E.	3/16" TEMPERED	FTL-2959, 4179, 4379
* F.	1/4" TEMPERED	FTL-2959, 4179, 4379
G.	1/2" I.G. (1/8"A, AIR SPACE, 1/8"A)	FTL-3654
* H.	1/2" I.G. (3/16"A, AIR SPACE, 1/8"A)	FTL-3654
* UPGRADE FROM GLASS TYPE TESTED		

PRODUCT REVIEWED
 as complying with the Florida
 Building Code
 Acceptance No. 05-0104.05
 Expiration Date 09/30/06
 By *[Signature]*
 Miami Dade Product Control
 Division

[Signature]
 12/30/04

Robert L. Clark, P.E.
 PE #39712
 Structural

Revsd By: F.K.	Date: 12/15/04	Revisions: D	REDRAWN AND COMBINED DP TABLES, ADDED GLASS TYPES B, D, F & H UPGRADES	1070 TECHNOLOGY DRIVE NOKOMIS, FL 34275	 PGT Visibly Better	Description: DESIGN PRESSURES				
Revsd By: F.K.	Date: 7/1/04	Revisions: C	ADD ALT. SILL, NOTE 1	P.O. BOX 1529 NOKOMIS, FL 34274		Title: ALUM. SINGLE HUNG WINDOW, STD. MTG RAIL	Series/Model: SH4000	Scale: NTS	Sheet: 4 of 9	Drawing No. 2736



NOTES:

1. WINDOWS ARE EQUIPPED WITH ITEM 13, SWEEP LATCH LOCATED ON THE VENT TOP RAIL OR ITEM 41, BOTTOM LOCK LOCATED ON THE VENT BOTTOM RAIL.
2. WINDOWS ARE GLAZED WITH ONE OF THE FOLLOWING GLASS ITEMS 21, 23, 24, 29, 51, 52, 53, OR 54.

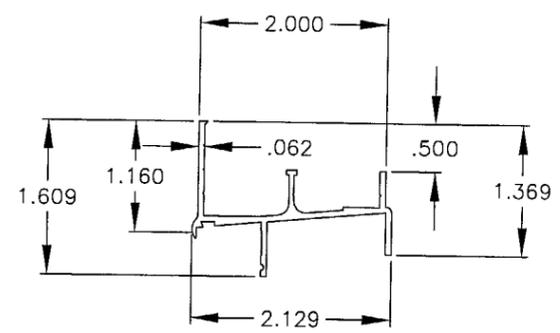
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 12/15/04

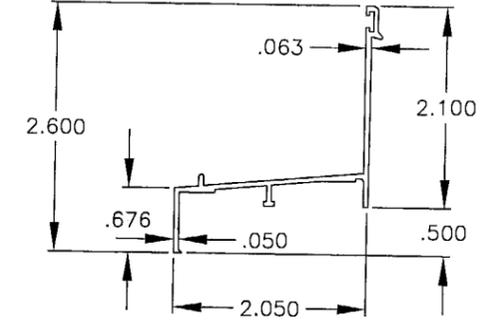
Robert L. Clark, P.E.
 PE #39712
 Structural

Revsd By:	Date:	Revisions:		1070 TECHNOLOGY DRIVE NOKOMIS, FL 34275	PGT Visibly Better	Description: SECTIONS			
Revsd By:	Date:	Revisions:	REDRAWN AND ADDED ALTERNATE EXTRUSIONS			Title: ALUM. SINGLE HUNG WINDOW, STD. MTG RAIL			
Revsd By:	Date:	Revisions:	ADD ALT. SILL, NOTE 1			Series/Model:	Scale:	Sheet:	Drawing No.
Drawn By:	Date:	Checked By:	Date:			SH4000	HALF	5 of 9	2736

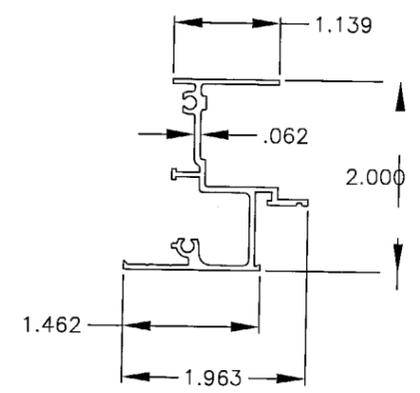
ITEM	DESCRIPTION	PGT #	VENDOR/MAT'L	DWG.#
1	FLANGED FRAME HEAD	62703	6063-T6	2703
2	FLANGED FRAME SILL	62704	6063-T6	2704
3	FLANGED FRAME JAMB	62705	6063-T6	2705
4	FIXED MEETING RAIL	6534521	6063-T6	2706
5	#8 x 1.000 QUAD PAN HEAD SMS	781PQ	SPENCER OR =	
6	VENT TOP RAIL	6534522	6063-T6	2707
7	VENT BOTTOM RAIL	6534523	6063-T6	2708
8	VENT SIDE RAIL	6534524	6063-T6	2709
9	VENT STOP	66387	6063-T6	2770
10	VENT CAM INSERT (L.H. & R.H.)	42800	NYLON 6/6	2748
11	#8 x .750 QUAD PAN HEAD SMS	7834PA	SPENCER OR =	
12	WEATHERSTRIP, VINYL BULB W/LEAF	6TP249	TEAM PLASTICS OR =	
13	SWEEP LATCH	71096	NATIONWIDE OR =	
14	#8 x .625 PHILLIPS FLAT HEAD SMS	7858	SPENCER OR =	
15	BALANCE		CALDWELL OR =	
16	WEATHERSTRIP, .187 x .270 FIN	61062	TEAM PLASTICS OR =	
17	WEATHERSTRIP, .187 x .200, FIN	67919	SCHLEGEL OR =	
18	BALANCE TAKE-OUT CLIP	7121UM	CALDWELL OR =	
19	SILICON GLAZING SEALANT	62899	DOW, GE OR =	
21	DSB 1/8" ANNEALED GLASS			
22	1/8" GLAZING BEAD	65200	FLORIDA SCREEN OR =	2718
23	3/16" ANNEALED GLASS			
24	3/16" TEMPERED GLASS			
25	3/16", 1/4" GLAZING BEAD	65196	FLORIDA SCREEN OR =	2719
26	#8 x 1.000 QUAD PAN HEAD SMS	781PQ	SPENCER OR =	
27	1" x 1 1/2" OPEN CELL FOAM PAD			
28	SCREEN ASSEMBLY			
29	1/2" I.G. GLASS (1/8"A, AIR SPACE, 1/8"A)			
30	I.G. GLAZING BEAD	1253	TEAM PLASTICS OR =	
31	SWIGGLE			



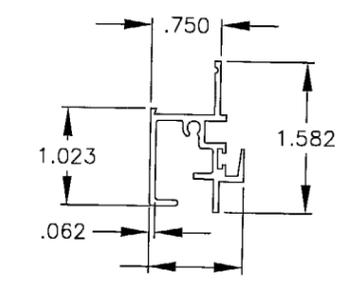
1 #2703, HEAD
6063-T6



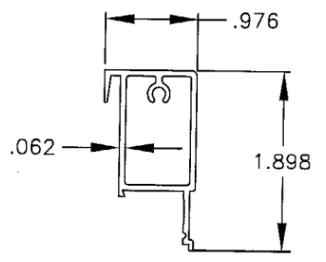
2 #2704, SILL
6063-T6



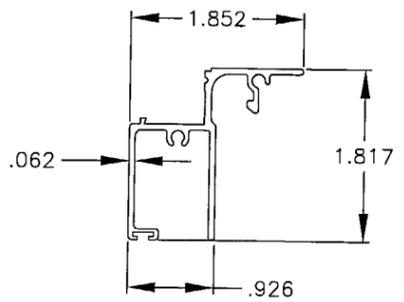
3 #2705, JAMB
6063-T6



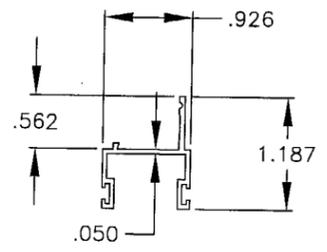
4 #2706, MEETING
RAIL, 6063-T6



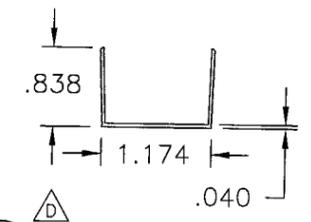
6 #2707, VENT TOP
RAIL, 6063-T6



7 #2708, VENT BOTTOM
RAIL, 6063-T6



8 #2709, VENT SIDE
RAIL, 6063-T6



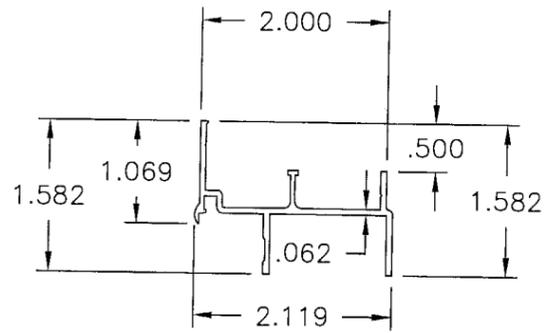
9 #2770, VENT
STOP, 6063-T6

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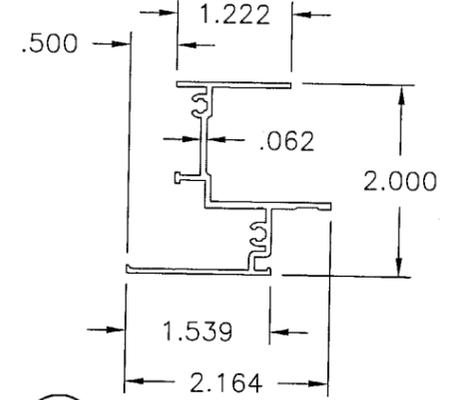
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Robert L. Clark, P.E.
PE #39712
Structural

Revsd By: F.K.	Date: 12/15/04	Revisions: D	DELETED SSB, ADDED ITEM 9, DWG. NOS. & ALLOY UPDATE PARTS LIST W/ DWG NOS. & = VENDORS	1070 TECHNOLOGY DRIVE NOKOMIS, FL 34275 P.O. BOX 1529 NOKOMIS, FL 34274	PGT Visibly Better	Description: PARTS LIST & EXTRUSIONS			
Revsd By: F.K.	Date: 7/1/04	Revisions: C	ADD ALT. SILL, ITEM 32			Title: ALUM. SINGLE HUNG WINDOW, STD. MTG RAIL			
Drawn By: F.K.	Date: 12/15/04	Checked By:	Date:			Series/Model: SH4000	Scale: HALF	Sheet: 6 of 9	Drawing No. 2736

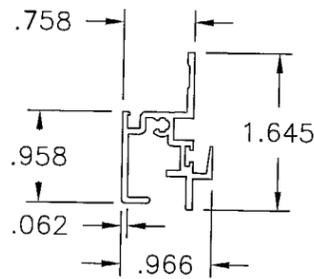
ITEM	DESCRIPTION	PGT #	VENDOR/MAT'L	DWG.#
32	FLANGED FRAME SILL	62751	6063-T6	2751
33	FLANGED FRAME HEAD	62750	6063-T6	2750
34	FLANGED FRAME JAMB	62752	6063-T6	2752
35	FIXED MEETING RAIL	62753	6063-T6	2753
36	VENT TOP RAIL	62754	6063-T6	2754
37	VENT BOTTOM RAIL	62755	6063-T6	2755
38	VENT SIDE RAIL	62756	6063-T6	2756
40	3/16" GLAZING BEAD	62759	FLORIDA SCREEN OR =	2759
41	VENT BOTTOM RAIL LOCK	62740	6063-T6	2740
42	VENT BOTTOM RAIL LOCK SPRING	7SPRNG		
43	1" x 2" x 1/16" FOAM GASKET			
44	I.G. GLAZING BEAD	62773	FLORIDA SCREEN OR =	2773
51	1/8" TEMPERED GLASS			
52	1/4" ANNEALED GLASS			
53	1/4" TEMPERED GLASS			
54	1/2" I.G. GLASS (3/16"A, AIR SPACE, 1/8"A)			



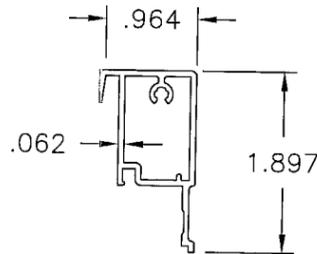
33 #2750, HEAD
6063-T6
(ALTERNATE EXTRUSION)



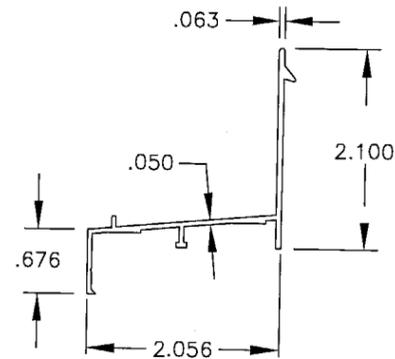
34 #2752, JAMB
6063-T6
(ALTERNATE EXTRUSION)



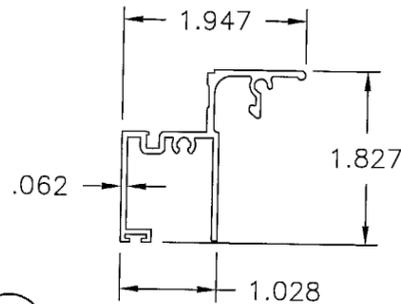
35 #2753, MEETING
RAIL, 6063-T6
(ALTERNATE EXTRUSION)



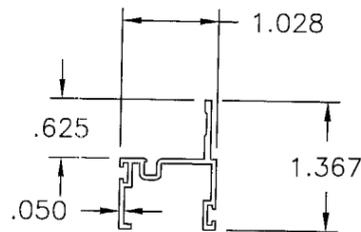
36 #2754, VENT TOP
RAIL, 6063-T6
(ALTERNATE EXTRUSION)



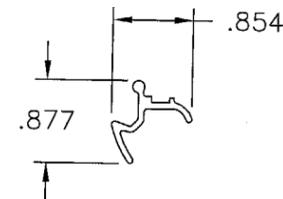
32 #2751, ALT. SILL
6063-T6
(ALTERNATE EXTRUSION)



37 #2755, VENT BOTTOM
RAIL, 6063-T6
(ALTERNATE EXTRUSION)



38 #2756, VENT SIDE
RAIL, 6063-T6
(ALTERNATE EXTRUSION)



41 #2740, BOTTOM
LOCK, 6063-T6

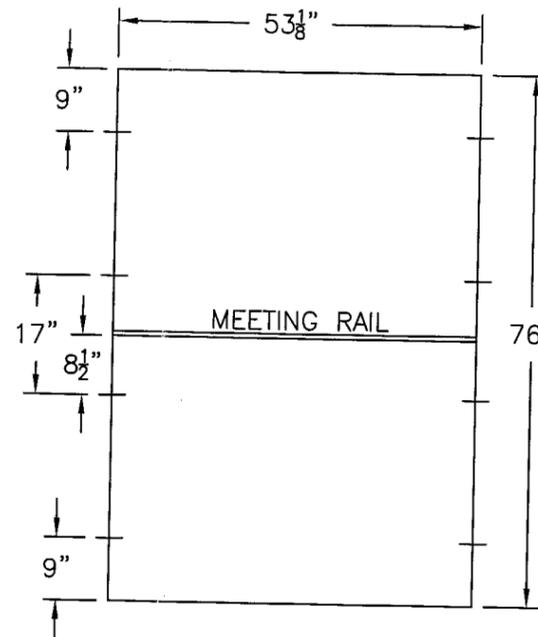
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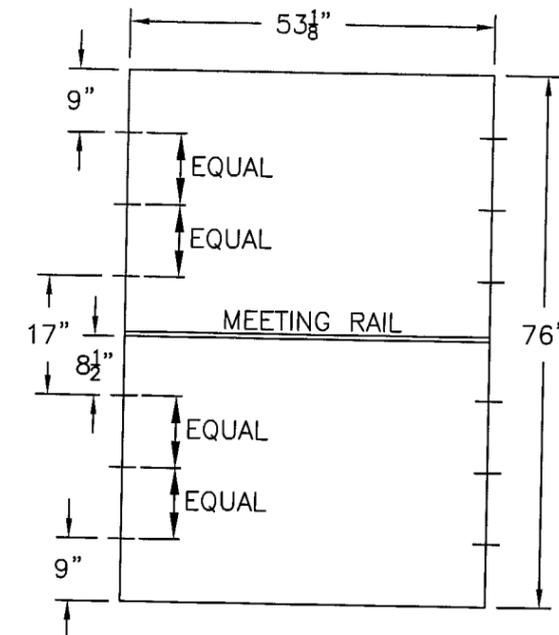
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PE #39712
Structural

Revsd By:	Date:	Revisions:		1070 TECHNOLOGY DRIVE NOKOMIS, FL 34275 P.O. BOX 1529 NOKOMIS, FL 34274	PGT Visibly Better	Description: EXTRUSIONS & PARTS LIST, CONTINUED			
Revsd By:	Date:	Revisions:	NEW SHEET, ALTERNATE EXTRUSIONS AND GLASS UPGRADES			Title: ALUM. SINGLE HUNG WINDOW, STD. MTG RAIL			
Revsd By:	Date:	Revisions:				Series/Model: SH4000	Scale: HALF	Sheet: 7 of 9	Drawing No. 2736
Drawn By:	Date:	Checked By:	Date:						
F.K.	12/15/04	D							
F.K.	12/15/04								

QUANTITY OF ANCHORS PER JAMB			
WINDOW SIZE		FULL PSF	
Width	Height	1/4" Tapcon	#12 Screw
19 1/8	x 26	2	2
19 1/8	x 35	2	2
19 1/8	x 38 3/8	4	4
19 1/8	x 50 5/8	4	4
19 1/8	x 56	4	4
19 1/8	x 63	4	4
19 1/8	x 76	4	4
26 1/2	x 26	2	2
26 1/2	x 35	2	2
26 1/2	x 38 3/8	4	4
26 1/2	x 50 5/8	4	4
26 1/2	x 56	4	4
26 1/2	x 63	4	4
26 1/2	x 76	4	4
37	x 26	2	4
37	x 35	2	4
37	x 38 3/8	4	4
37	x 50 5/8	4	4
37	x 56	4	4
37	x 63	4	4
37	x 76	4	4
44	x 26	2	4
44	x 35	4	4
44	x 38 3/8	4	4
44	x 50 5/8	4	4
44	x 56	4	6
44	x 63	4	6
44	x 76	4	4
48	x 26	2	4
48	x 35	4	4
48	x 38 3/8	4	4
48	x 50 5/8	4	4
48	x 56	4	4
48	x 63	4	6
48	x 76	4	4
53 1/8	x 26	4	4
53 1/8	x 35	4	4
53 1/8	x 38 3/8	4	4
53 1/8	x 50 5/8	4	4
53 1/8	x 56	4	4
53 1/8	x 63	4	4
53 1/8	x 76	4	6



DETAIL A



DETAIL B

MIAMI-DADE COUNTY ANCHORAGE SPACING:

- ANCHORS ARE NOT REQUIRED IN THE HEAD OR SILL (REFERENCE TEST REPORT FTL-4379).
- SPACING FOR (4) OR LESS ANCHORS PER JAMB: (DETAIL A)
 MAX. 9" FROM CORNERS
 MAX. 17" AT MEETING RAIL (DIMENSIONED FROM 8 1/2" BELOW MEETING RAIL)
- SPACING FOR MORE THAN (4) ANCHORS PER JAMB: (DETAIL B)
 MAX. 9" FROM CORNERS
 MAX. 17" AT MEETING RAIL (DIMENSIONED FROM 8 1/2" BELOW MEETING RAIL)
 ONE ADDITIONAL ANCHOR REQUIRED ABOVE AND BELOW THE MEETING RAIL AT CENTERLINE BETWEEN THE CORNER AND MEETING RAIL ANCHORS.
- WHEN INSTALLING OUTSIDE MIAMI-DADE COUNTY WITH 1/4" TAPCONS OR #12 SCREWS, SPACE ANCHORS PER NOTE 2 FOR FULL COMPARATIVE ANALYSIS PRESSURE.

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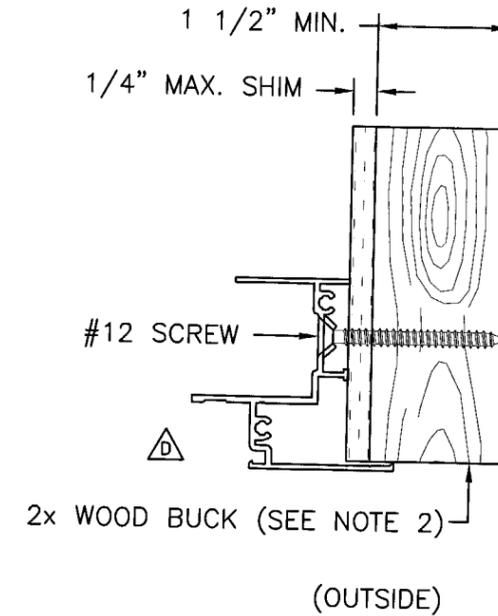
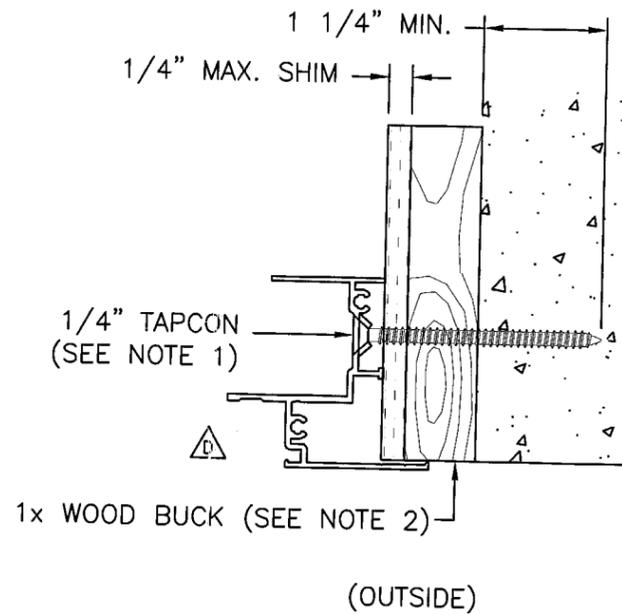
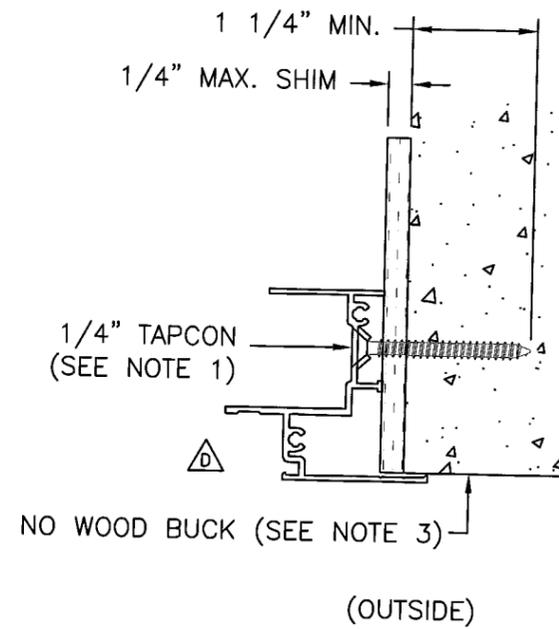
Revsd By:	Date:	Revisions:	
F.K.	12/15/04	D	NEW SHEET FOR ANCHOR SPACING
Revsd By:	Date:	Revisions:	
Drawn By:	Date:	Checked By:	Date:
F.K.	12/15/04		

1070 TECHNOLOGY DRIVE
 NOKOMIS, FL 34275
 P.O. BOX 1529
 NOKOMIS, FL 34274



Description: ANCHORAGE SPACING			
Title: ALUM. SINGLE HUNG WINDOW, STD. MTG RAIL			
Series/Model: SH4000	Scale: HALF	Sheet: 8 of 9	Drawing No. 2736
			Rev: D

Robert L. Clark
 12/30/04
 Robert L. Clark, P.E.
 PE #39712
 Structural



TYPICAL JAMB ANCHORAGE

△ NOTES:

1. FOR CONCRETE APPLICATIONS IN MIAMI-DADE COUNTY, USE ONLY MIAMI-DADE COUNTY APPROVED TAPCONS.
2. INSTALLATION TO THE SUBSTRATE OF WOOD BUCKS TO BE ENGINEERED BY OTHERS OR AS APPROVED BY AUTHORITY HAVING JURISDICTION.
3. WOOD BUCKS LESS THAN 1 1/2" THICK ARE OPTIONAL (PRODUCT MAY BE INSTALLED DIRECTLY TO CONCRETE).
4. FOR ATTACHMENT TO ALUMINUM (MIN. 1/16" THK. 6063-T5) AT FULL COMPARATIVE ANALYSIS PRESSURE: FOLLOW ANCHORAGE DETAILS SHOWN ABOVE FOR 2x WOOD BUCKS, USING #12 SHEET METAL SCREWS LONG ENOUGH TO PROVIDE FULL THREAD ENGAGEMENT INTO THE ALUMINUM. FOR SPACING REQUIREMENTS REFER TO SHEET 8.

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 12/30/04

Revsd By:	Date:	Revisions:		1070 TECHNOLOGY DRIVE NOKOMIS, FL 34275 P.O. BOX 1529 NOKOMIS, FL 34274	 Visibly Better	Description: ANCHORAGE DETAILS				
Revsd By:	Date:	Revisions:	REDRAWN, UPDATED NOTES AND REMOVED HEAD AND SILL SECTIONS			Title: ALUM. SINGLE HUNG WINDOW, STD. MTG RAIL				
Revsd By:	Date:	Revisions:	ADD ALT. SILL, ITEM 32			Series/Model:	Scale:	Sheet:	Drawing No.	Rev:
Drawn By:	Date:	Checked By:	Date:			SH4000	HALF	9 of 9	2736	D

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