



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
1070 Technology Drive
Nokomis, FL 34275

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 High Velocity Hurricane Zone of the Florida Building Code.

DESCRIPTION: Series SH-800 Aluminum Single Hung Window-S.M.I,

APPROVAL DOCUMENT: Drawing No. 4061, titled "Series SH-800 Multi-Story Alum. Single Hung Window", dated 10/04/01 with revision "E" on 1/10/05, sheets 1 through 8 of 8, prepared by manufacturer, signed and sealed by Robert L. Clark, P.E., bearing the Miami-Dade County Product Control Revision stamp with the Notice of Acceptance number and expiration date by the Miami-Dade County Product Control Division.

MISSILE IMPACT RATING: Small Missile Impact

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 # 04-0809.03 and, consists of this page 1 and evidence pages E-1, and E-2, as well as approval document mentioned above.

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



NOA No 05-0204.03
Expiration Date: July 03, 2007
Approval Date: April 28, 2005
Page 1

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

A. DRAWINGS

1. Manufacturer's die drawings and sections.
2. Drawing No **4061**, Sheets 1 through 8 of 8, titled "Multi-Story Alum. Single Hung Window", prepared by manufacturer, dated 10/4/01 with revision "E" dated 01/10/05, signed and sealed by Robert L. Clark, P.E.

B. TESTS

1. 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) Small Missile Impact Test per FBC, TAS 201-94
 - 5) Cyclic Wind Pressure Loading per FBC, TAS 203-94
 - 6) Forced Entry Test, per FBC 3603.2 (b) and TAS 202-94

along with marked-up drawings and installation diagram of Series SH-800 Aluminum Single Hung Proview Window, prepared by Fenestration Testing Laboratory, Test Report No. **FTL-4006**, dated 01/16/04, signed and sealed by Eduardo Largaespada, P.E.

"Submitted under NOA# 04-0809.03"

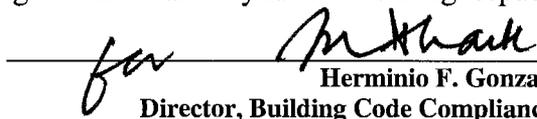
2. Test reports on
 - 1) Air Infiltration Test, per FBC, TAS 202-94
 - 2) Uniform Static Air Pressure Test, Loading per FBC TAS 202-94
 - 3) Water Resistance Test, per FBC, TAS 202-94
 - 4) Small Missile Impact Test per FBC, TAS 201-94
 - 5) Cyclic Wind Pressure Loading per FBC, TAS 203-94
 - 6) Forced Entry Test, per FBC 3603.2 (b) and TAS 202-94

along with marked-up drawings and installation diagram of a series SH-800 aluminum single hung window, prepared by Fenestration Testing Laboratory, Inc., Test Report No. **FTL-3179**, dated September 24, 2001, signed and sealed by Luis A. Figueredo, P.E.

"Submitted under NOA# 04-0809.03"

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) Small Missile Impact Test per FBC, TAS 201-94
 - 5) Cyclic Wind Pressure Loading per FBC, TAS 203-94
 - 6) Forced Entry Test, per FBC 2411 3.2.1 (b) and TAS 202-94

along with marked-up drawings and installation diagram of a series SH-800 aluminum single hung window, prepared by Fenestration Testing Laboratory, Inc., Test Report No. **FTL-4380**, dated 11/04/04, signed and sealed by Edmundo Largaespada, P.E.



Herminio F. Gonzalez, P.E.
Director, Building Code Compliance Office

NOA No 05-0204.03

Expiration Date: July 03, 2007

Approval Date: April 28, 2005

PGT Industries

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C. CALCULATIONS

1. Anchor Calculations, ASTM- E1300, and structural analysis, prepared by manufacture, dated 02/02/05, signed and sealed by Robert L. Clark, P.E.

D. QUALITY ASSURANCE

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

E. MATERIAL CERTIFICATIONS

1. Notice of Acceptance No. **00-1212.04** issued to E.I. DuPont DeNemours for “**DuPont Butacite® PVB**” dated 02/15/01, expiring on 12/11/05.
2. Notice of Acceptance No. **01-0205.02** issued to Solutia Inc. for their “**Saflex /Keepsafe Maximum**” dated 05/17/01, expiring on 05/21/06.

F. STATEMENTS

1. Statement letter of conformance, dated August 5, 2004, signed and sealed by Robert L. Clark, P.E.
“Submitted under NOA# 04-0809.03”
2. Statement letter of no financial interest, dated August 5, 2004, signed and sealed by Robert L. Clark, P.E.
“Submitted under NOA# 04-0809.03”
3. Laboratory compliance letter for Test Report no. FTL- 4006, issued by Fenestration Test Laboratory, Inc., dated March 22, 2004, signed and sealed by Edmundo Largaespada, P.E.
“Submitted under NOA# 04-0809.03”

G. OTHER

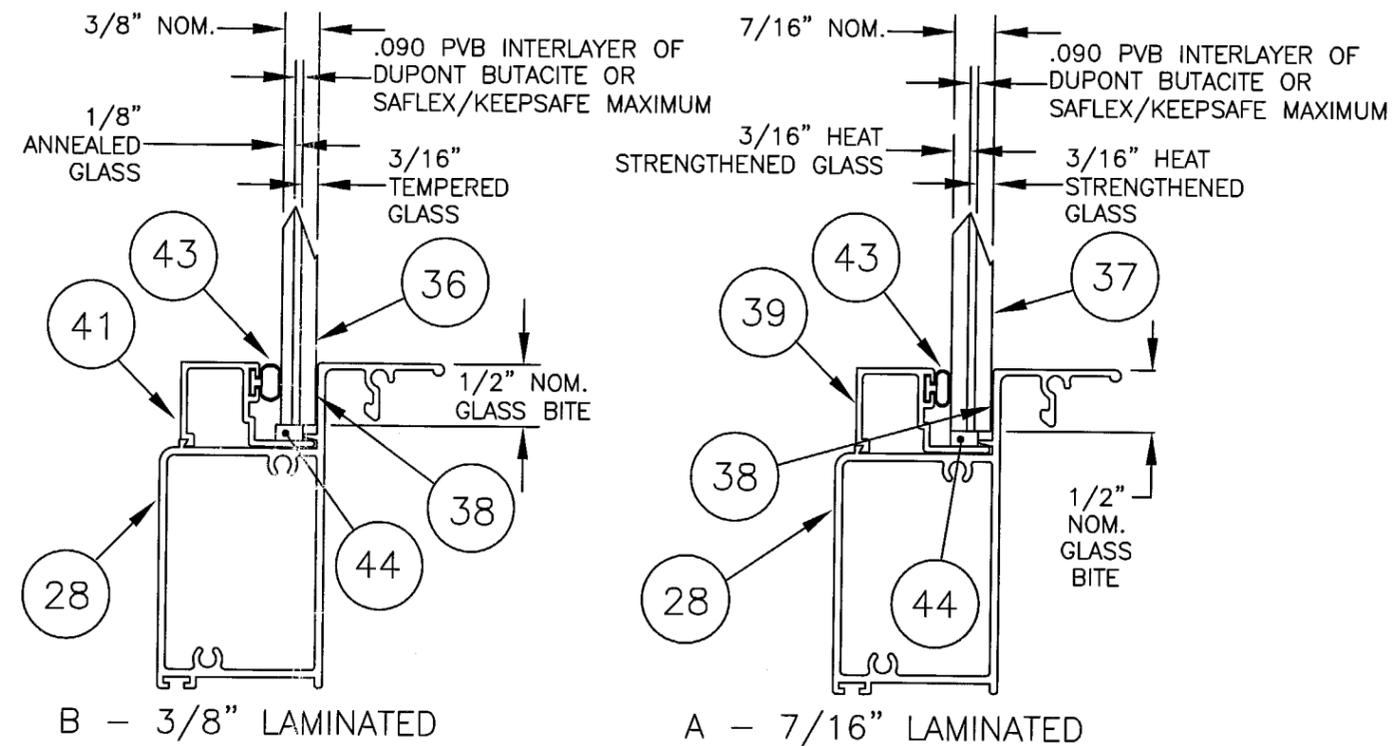
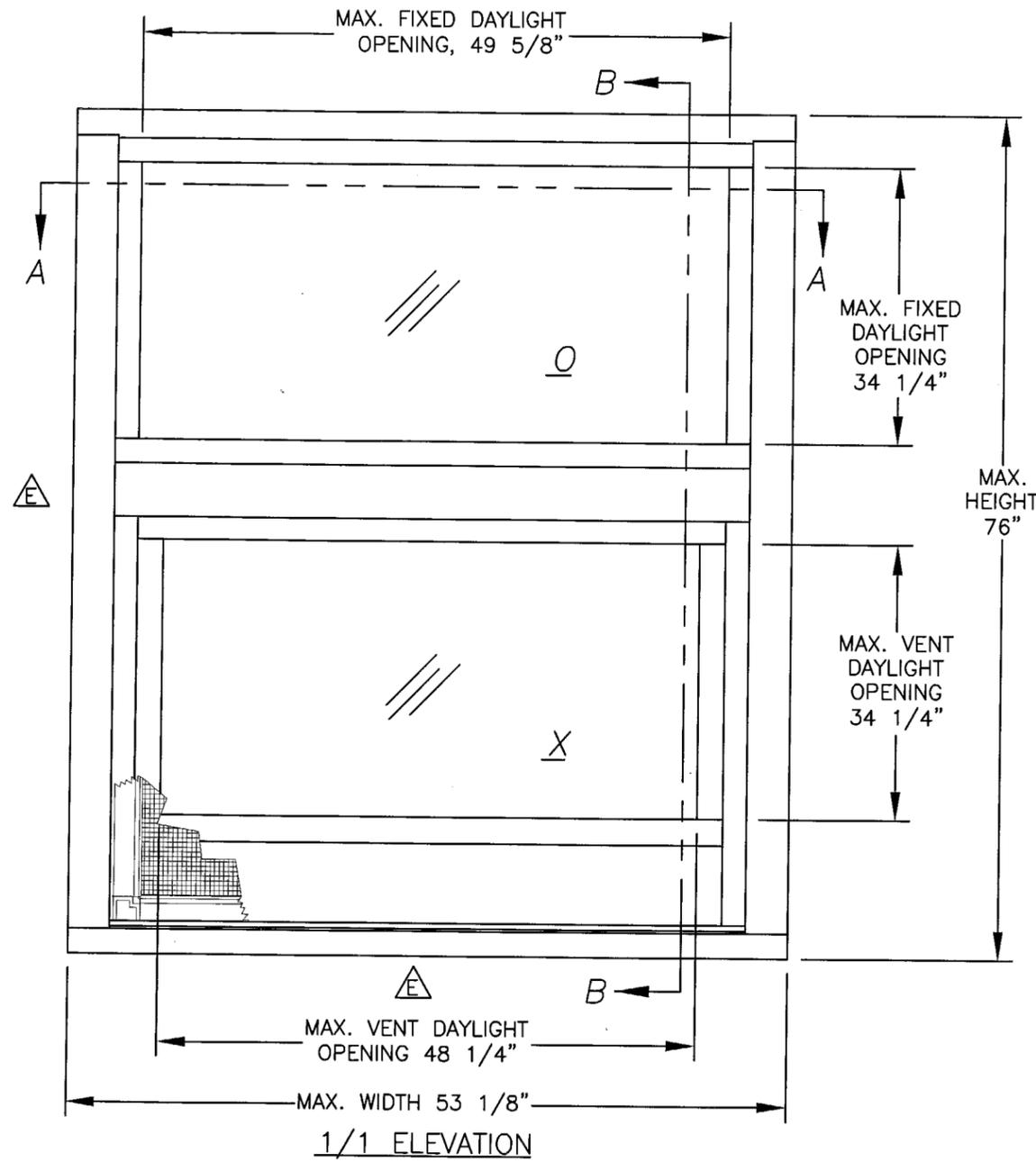
1. Notice of Acceptance No. **04-0809.03**, issued to PGT Industries for their Series “SH-800” Aluminum Single Hung Window, approved on 11/25/04 and expiring on 07/03/07.

for 

Herminio F. Gonzalez, P.E.
Director, Building Code Compliance Office
NOA No 05-0204.03
Expiration Date: July 03, 2007
Approval Date: April 28, 2005

SMALL MISSILE IMPACT SINGLE HUNG WINDOW

- GLAZING OPTIONS:
 - 7/16" LAMINATED GLASS CONSISTING OF (2) LITES OF 3/16" HEAT STRENGTHENED GLASS WITH AN .090 PVB INTERLAYER (DUPONT BUTACITE OR SAFLEX/KEEPSAFE MAXIMUM).
 - 3/8" LAMINATED GLASS CONSISTING OF (1) LITE OF 1/8" ANNEALED GLASS OUTSIDE, AN .090 PVB INTERLAYER (DUPONT BUTACITE OR SAFLEX/KEEPSAFE MAXIMUM) AND (1) LITE OF 3/16" TEMPERED GLASS INSIDE.
- DESIGN PRESSURE RATING: SEE TABLE 1
 - NEGATIVE DESIGN LOADS BASED ON TESTED PRESSURE AND GLASS TABLES ASTM E 1300-98.
 - POSITIVE DESIGN LOADS BASED ON WATER TEST PRESSURE AND GLASS TABLES ASTM E 1300-98.
- FOR ANCHORAGE DETAILS SEE SHEETS 7 AND 8.
- SHUTTER REQUIREMENT: MIAMI-DADE COUNTY APPROVED SHUTTERS ARE REQUIRED AT INSTALLATIONS BELOW 30 FEET. (NON REQ'D AT INSTALLATIONS ABOVE 30 FT. GRADE)
- NARROW JOINT SEALANT IS USED ON ALL 4 CORNERS OF THE FRAME, MEETING RAIL & ASSEMBLY SCREWS.
- REFERENCE TEST REPORTS: FTL-3179, FTL-4006 & FTL-4380



NOA DRAWING MAP

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

PRODUCT REVISED
 as complying with the Florida
 Building Code
 Acceptance No. 05-0204-03
 Expiration Date 02/03/07
 By *M. Frank*
 Miami Dade Product Control
 Division

TABLE 1. DESIGN PRESSURES

DP RANGE BASED ON ANCHOR SPACING	ANCHOR TYPE	GLAZING OPTIONS	WINDOW SIZE & CONFIGURATION							
			UP TO 37" x 60"				OVER 37" x 60" UP TO 53 1/8" x 76"			
			1/1	VIEW/RAD	1/1	VIEW/RAD	1/1	VIEW/RAD	1/1	VIEW/RAD
UP TO 72.5 PSF	1/4" TAPCONS	A,B	+72.5	-72.5	+72.5	-72.5	+72.5	-72.5	+72.5	-72.5
	#12 SCREWS	A,B	+72.5	-72.5	+72.5	-72.5	+54.7	-54.7	+56.5	-56.5
72.6 TO 120.0 PSF	1/4" TAPCONS	A,B	+90.0	-120.0	+90.0	-120.0	+90.0	-120.0	+90.0	-120.0
	#12 SCREWS	A,B	+90.0	-101.7	+77.7	-77.7	+90.0	-106.2	+77.7	-77.7
121.0 TO 150.0 PSF	1/4" TAPCONS	A	+90.0	-150.0	+90.0	-142.8	+90.0	-150.0	+90.0	-142.8
	#12 SCREWS	A,B	+90.0	-107.3	+90.0	-107.1	+90.0	-106.2	+90.0	-107.4

GLAZING OPTIONS

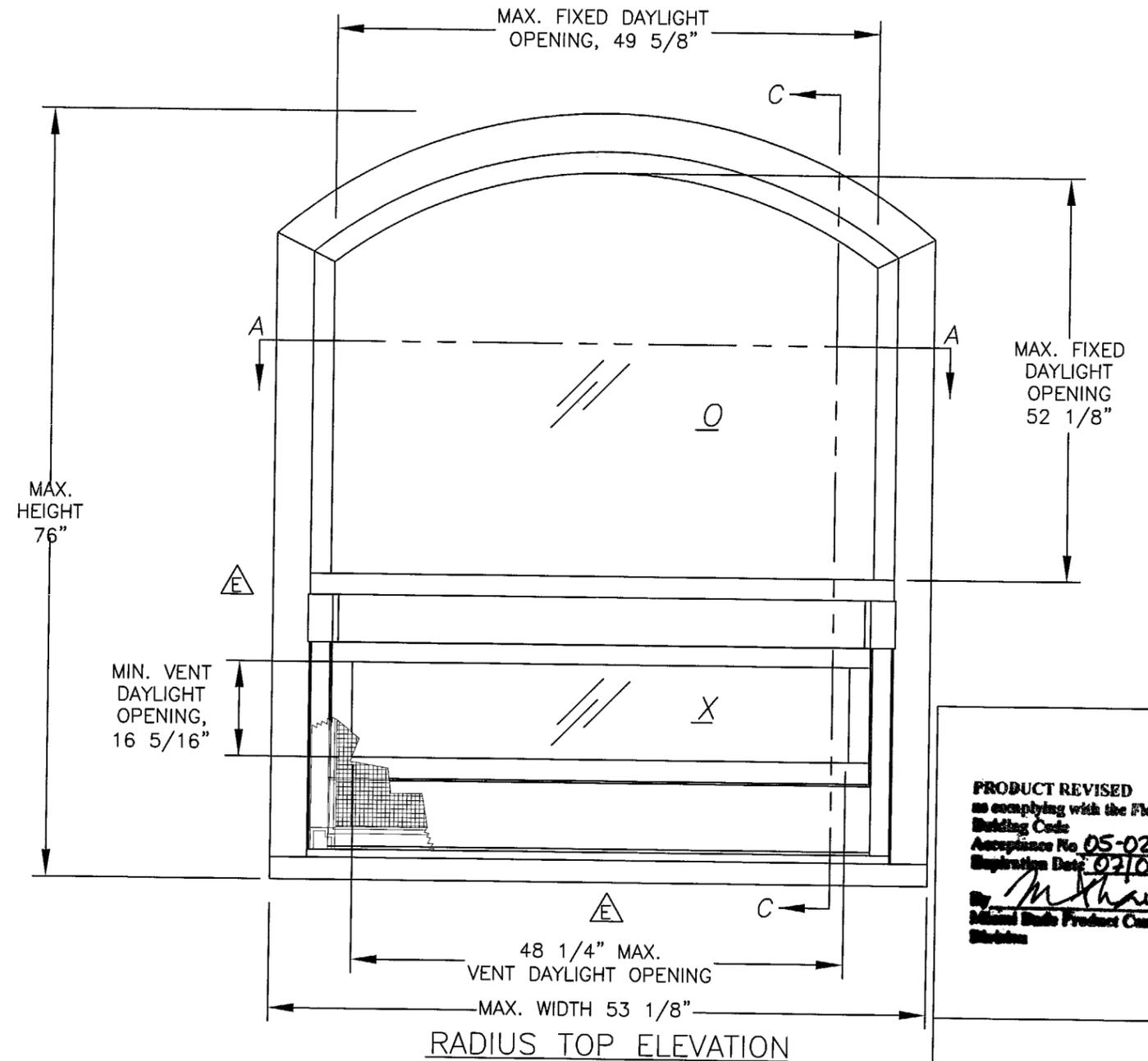
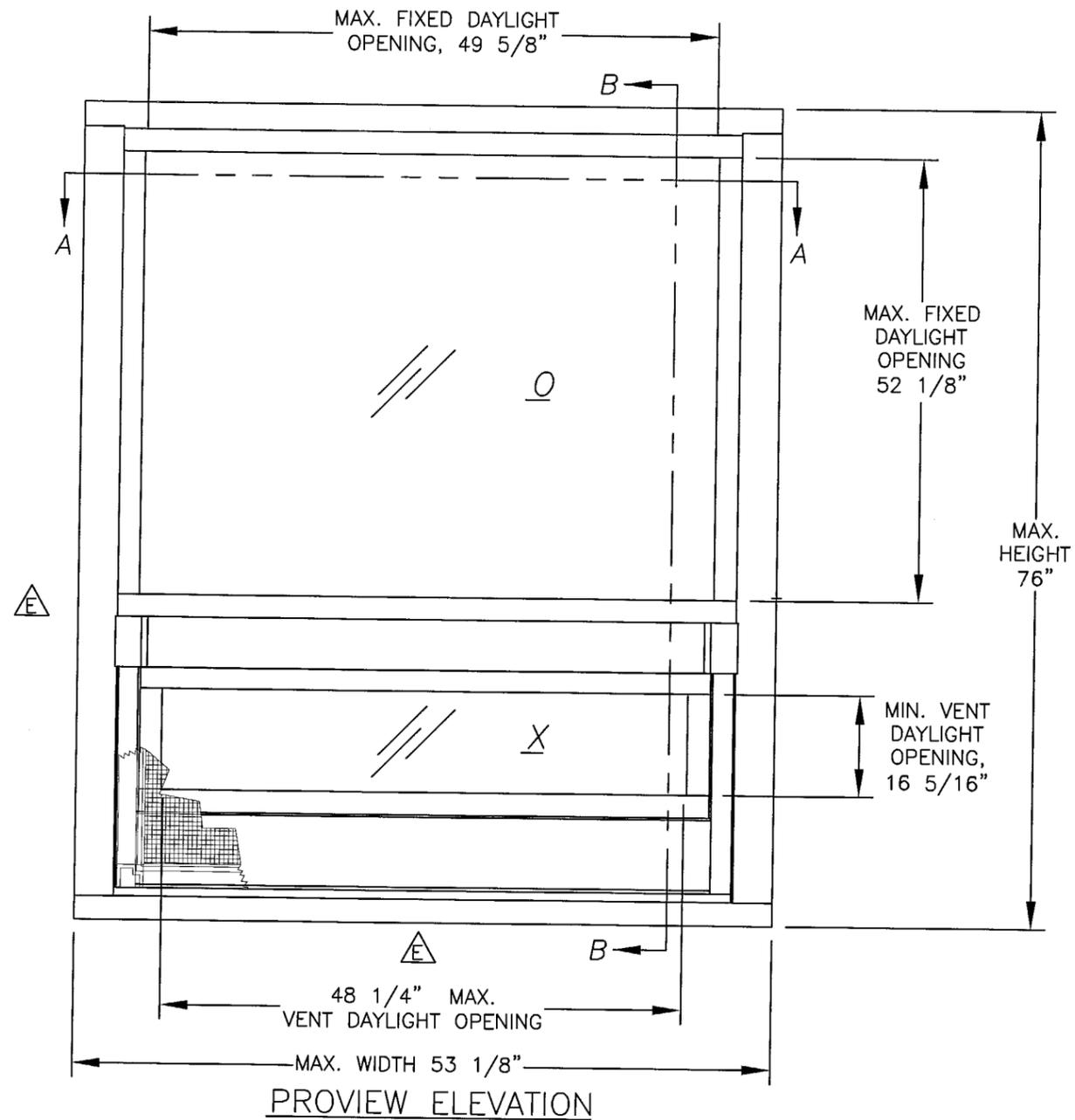
M. Frank
 2/2/65
 Robert L. Clark, P.E.
 PE #39712
 Structural



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

Revsd By: F.K.	Date: 1/10/05	Revisions: E-REVISE DPS/ANCHORS SHT 7
Revsd By: F.K.	Date: 8/30/04	Revisions: D-UPDATES AS NOTED
Revsd By: F.K.	Date: 2/2/04	Revisions: C-UPDATE ANCHORS & NOTES
Drawn By: F.K.	Date: 10/4/01	

Description: ELEVATION & GLAZING DETAILS (SM MISSILE)			
Title: MULTI-STORY ALUM. SINGLE HUNG WINDOW			
Series/Model: SH-800	Scale: NTS	Sheet: 1 of 8	Drawing No. 4061
			Rev: E



PRODUCT REVISED
 in compliance with the Florida
 Building Code
 Acceptance No. 05-0204.03
 Expiration Date: 02/03/07
 By: *M. Shalk*
 Miami Dade Product Control
 Division

Robert L. Clark
 2/2/05

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

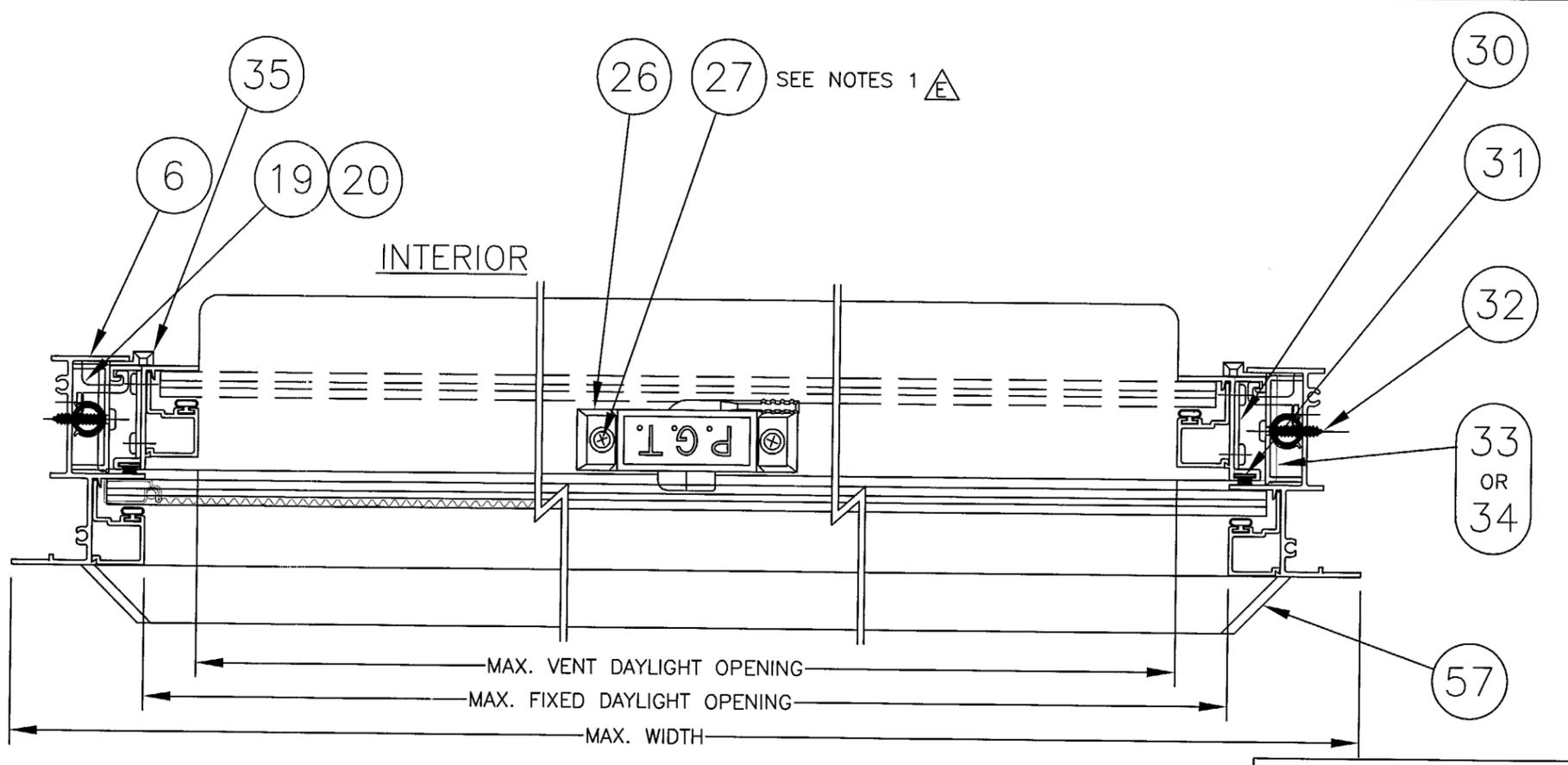
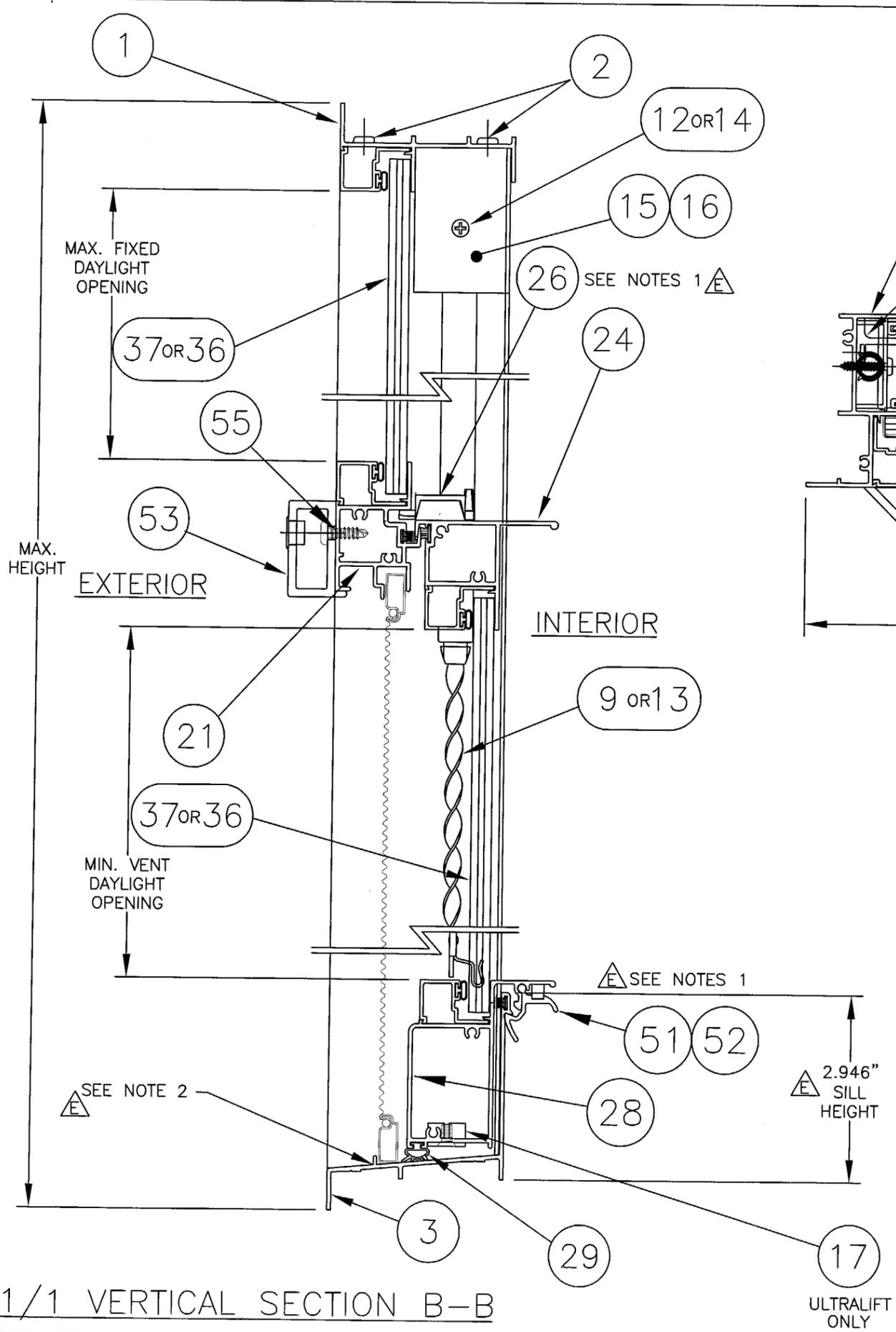


1070 TECHNOLOGY DRIVE
 NOKOMIS, FL 34275

P.O. BOX 1529
 NOKOMIS, FL 34274

Revsd By: F.K.	Date: 1/10/05	Revisions: E-MOVE ANCH. & DP TAB.
Revsd By: F.K.	Date: 8/30/04	Revisions: D-UPDATES AS NOTED
Revsd By: F.K.	Date: 2/2/04	Revisions: C - NEW SHT
Drawn By: F.K.	Date: 12/01/03	

Description: ELEVATIONS, PROVIEW & RADIUS TOP (SM MISSILE)			
Title: MULTI-STORY ALUM. SINGLE HUNG WINDOW			
Series/Model: SH-800	Scale: NTS	Sheet: 2 of 8	Drawing No. 4061
			Rev: E



HORIZONTAL SECTION A-A

NOTES:

- 1. WINDOWS ARE EQUIPPED WITH ITEM 26, SWEEP LATCH LOCATED ON THE VENT TOP RAIL OR ITEM 51, BOTTOM LOCK LOCATED ON THE VENT BOTTOM RAIL.
- 2. TWO 5/8" WEEP NOTCHES REQUIRED (ONE AT EACH END OF SILL, SCREEN RETAINER LEG).

PRODUCT REVISED
 as complying with the Florida
 Building Code
 Acceptance No. 05-0204.03
 Expiration Date 03/03/07
 By *M. Frank*
 Miami Shale Product Control
 Division

1/1 VERTICAL SECTION B-B

R. L. Clark
 2/2/05
 Robert L. Clark, P.E.
 PE #39712
 Structural

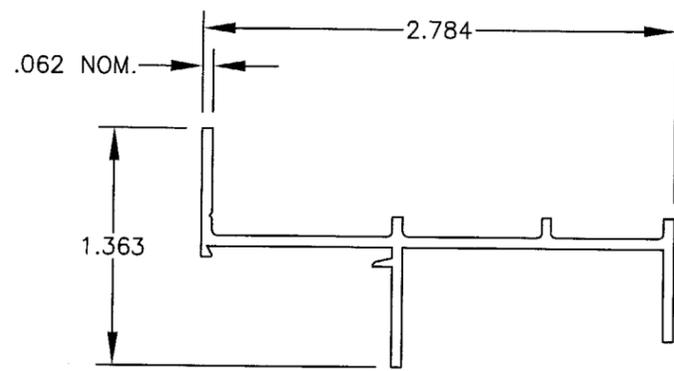


1070 TECHNOLOGY DRIVE
 NOKOMIS, FL 34275
 P.O. BOX 1529
 NOKOMIS, FL 34274

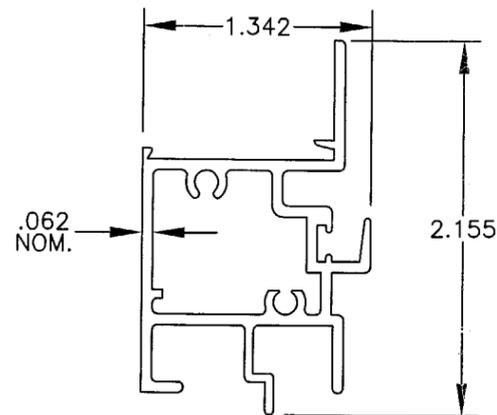
Revsd By: F.K.	Date: 1/10/05	Revisions: E-LOCKS & SILL HT DIM
Revsd By: F.K.	Date: 8/30/04	Revisions: D-NO CHG THIS SHT
Revsd By: F.K.	Date: 2/2/04	Revisions: C-ADD PROVIEW & RAD. TOP
Drawn By: F.K.	Date: 10/4/01	

Description: SECTIONS			
Title: MULTI-STORY ALUM. SINGLE HUNG WINDOW			
Series/Model: SH-800	Scale: NTS	Sheet: 3 of 8	Drawing No. 4061
			Rev: E

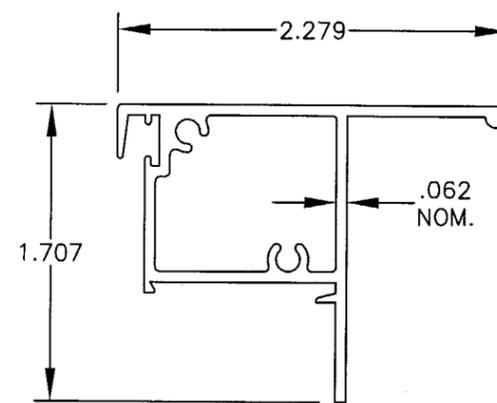
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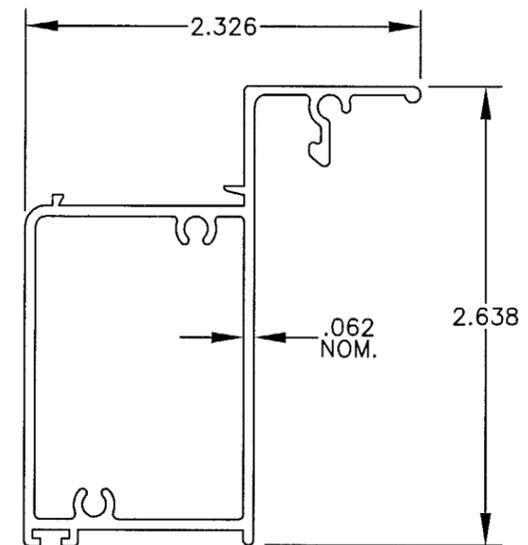
① FLANGE FRAME HEAD
 MAT'L: 6063-T5
 DWG# 4002



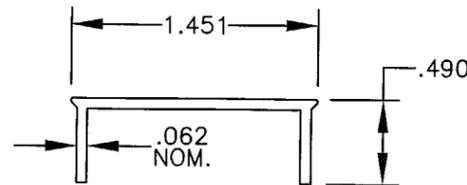
②① FXD. MEETING RAIL
 MAT'L: 6063HS-T54
 DWG# 4054A



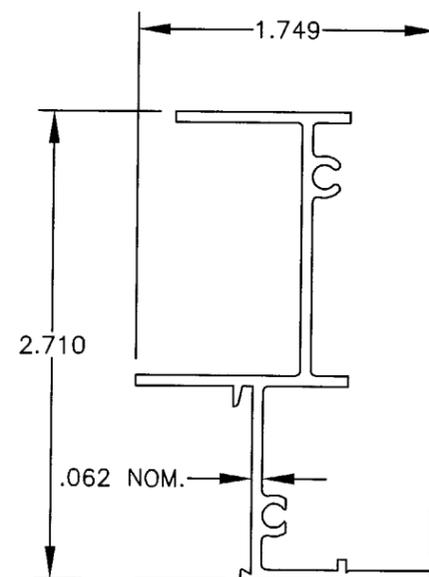
②④ SASH TOP RAIL
 MAT'L: 6063HS-T54
 DWG# 4006C



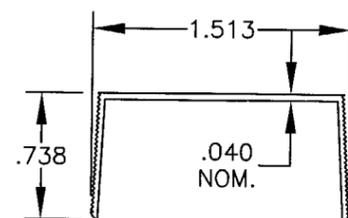
②⑧ SASH BOT. RAIL
 MAT'L: 6063-T5
 DWG# 4051A



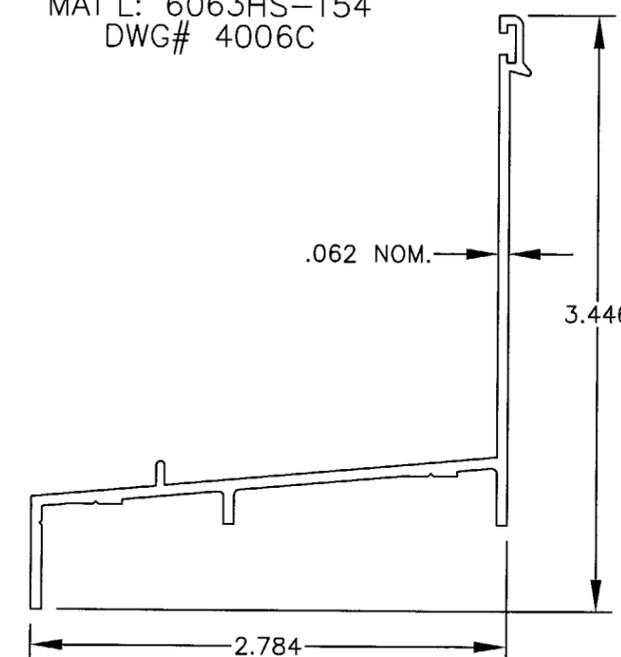
⑦ SASH STOP
 MAT'L: 6063-T5
 DWG# 4025



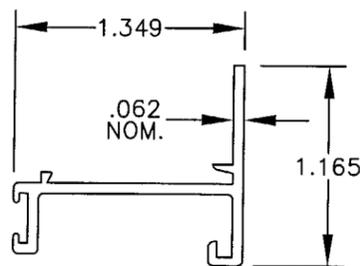
⑥ FLANGE FRAME JAMB
 MAT'L: 6063-T5
 DWG# 4004



①⑥ SASH STOP COVER
 MAT'L: 6063-T5
 DWG# 4053



③ FLANGE FRAME SILL
 MAT'L: 6063-T5
 DWG# 4050A



③⑩ SASH SIDE RAIL
 MAT'L: 6063-T5
 DWG# 4008

PRODUCT REVISED
 as complying with the Florida
 Building Code
 Acceptance No. 05-0204.03
 Signature Date: 02/03/07
 By: *M. Khalil*
 Miami Dade Product Control
 Division

Robert L. Clark
 2/2/05
 Robert L. Clark, P.E.
 PE #39712
 Structural



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

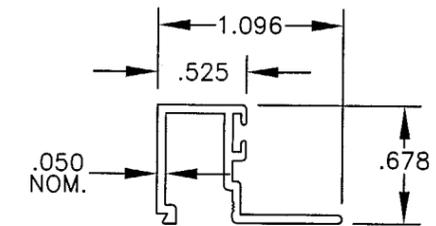
Revsd By: F.K.	Date: 1/10/05	Revisions: E-NO CHG THIS SHT
Revsd By: F.K.	Date: 8/30/04	Revisions: D-NO CHG THIS SHT
Revsd By: F.K.	Date: 2/02/04	Revisions: C-NO CHG THIS SHT
Drawn By: F.K.	Date: 10/4/01	

Description:
EXTRUSION PROFILES

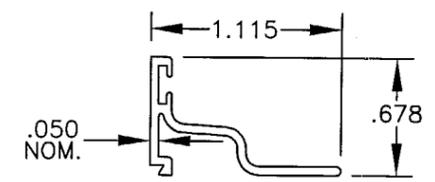
Title:
MULTI-STORY ALUM. SINGLE HUNG WINDOW

Series/Model: SH-800	Scale: NTS	Sheet: 5 of 8	Drawing No. 4061	Rev: E
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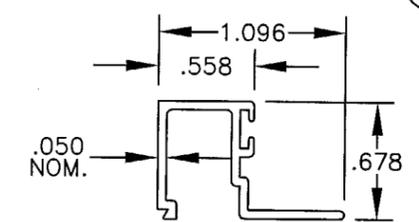
ITEM	DWG#	MAT'L	PGT#	DESCRIPTION	ITEM	DWG#	MAT'L	PGT#	DESCRIPTION
1	4002	6063-T5	612225	Flange Frame Head	52	1088	6063-T5	7SPRNG	Bottom Lock Spring
2	1155-1	S. STL	781PQX	#8 x 1" S.S. Quad Pn. SMS	53	4063A	6061-T6	64063	Meeting Rail Reinforcement
3	4050A	6063-T5	64050	Flange Frame Sill	54	947		41722	Grommet
4	1062	FIN SEAL	61062G	Wstp., .187 x .270 fin seal	55			78X38PPT	#10 x 3/4" PH PH TEK Screw
5	1155-1	S. STL	781PQX	#8 x 1" S.S. Quad Pn. SMS	56			61062G	Wstp., .187 x .270 fin seal
6	4004	6063-T5	612227	Flange Frame Jamb	57	4064	PLASTIC	44064	Mtg. Rail Tube End Cap
9	4029			Caldwell Spiral Balance, 5/8"					
10	4029	STL	7BALTBKT	Balance Bottom Bracket Clip					
11	1080	VINYL	6BALCVR916	Bal. Cover, Rigid Vinyl, 5/8"					
12	1167	S. STL	78X34PPAX	#8 x .750 Ph. Pn. SMS S.S.					
13	4029-1			Caldwell Ultra-Lift Balance, .670"					
14		S. STL		#8 x 1.25 PH. Pn. SMS					
15	4025	6063-T5	612244	Sash Stop					
16	4053	6063-T5		Sash Stop Cover					
17	4029-1	STL		Sash Bracket					
18		ZINC PL.		#8 x 1 PH. PN. SMS					
19	1207	PVC	6WCLIP	Windload Adapter					
20		S. STL	78X38PPTX	#8 x .375 Ph. Pn. TEK S.S.					
21	4054A	6063HS-T54	64054	Fixed Meeting Rail					
22	4066	FIN SEAL	64066G	Wstp.,.187 x .230, fin seal					
23	1155-1	S. STL	781PQX	#8 x 1" S.S. Quad Pn. SMS					
24	4006C	6063HS-T54	64006	Sash Top Rail					
25	1235	FIN SEAL	67S16G	Wstp.,.170 x .270 back, fin seal					
26	1096	DIE-CAST	71096	Sweep Latch					
27	1175	ZINC PL.	7858BB	#8 x 5/8" PH FH SMS					
28	4051A	6063-T5	64051	Sash Bottom Rail					
29	1226	VINYL	6TP249	Wstp., Bulb Vinyl					
30	4008	6063-T5	612231	Sash Side Rail					
31	1235	FIN SEAL	67S16G	Wstp.,.170 x .270 back, fin seal					
32	1155-1	S. STL	781PQX	#8 x 1" S.S. Quad Pn. SMS					
33	1085	CELCON	70344	Sash Top Guide, 9/16"					
34	1086	CELCON	42505	Sash Top Guide, 11/16"					
35	1268	NYLON 6/6	42501	Sash Face Guide					
36	Glass 3/8 Laminated (1/8A,.090,3/16T) ✓								
37	Glass 7/16 Laminated (3/16HS,.090,3/16HS)								
38		Dow #899 or #995		Glazing Silicone ✓					
39	4222	6063-T5	64222	Glazing Bead 7/16 Lami					
40	985B	6063-T5	6985	Glazing Bead 7/16 Lami w/Grill Kit					
41	988	6063-T5	6988	Glazing Bead 3/8 Lami					
42	987	6063-T5	6987	Glazing Bead 3/8 Lami W/Grill Kit					
43	1224	VINYL	TP-247	Vinyl Bulb Weatherstrip "Thick"					
44	1622	EPDM	71622K	Glass Setting Block 3/32 x 25/64 x 1					
45	1014	3105 H14	61011	Screen Frame					
46	1630/1631	POLYPROPYLENE	71630/71631	Screen Corner Key					
47	1073	S. STL	78835M	Screen Spring					
48			61816	Screen Cloth					
49	1278	ELASTOMETRIC PVC	70409K	Screen Pull					
50	1624/1635	ELASTOMETRIC PVC	61624K/35K	Screen Spline					
51	2740A	6063-T6	62740	Bottom Lock "optional"					



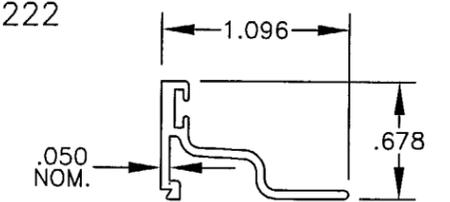
39 7/16 LAMI BEAD
MAT'L: 6063-T5
DWG# 4222



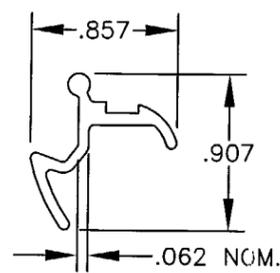
40 7/16 LAMI BEAD
W/GRILL KIT
MAT'L: 6063-T5
DWG# 985



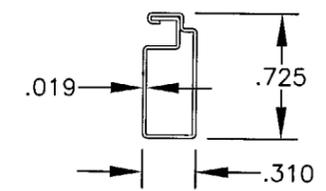
41 3/8 LAMI BEAD
MAT'L: 6063-T5
DWG# 988



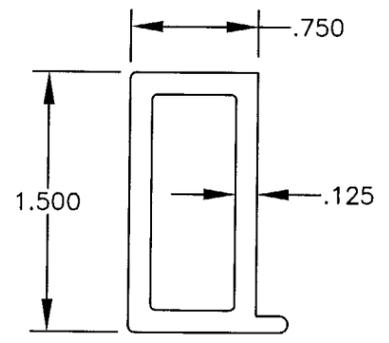
42 3/8 LAMI BEAD
W/GRILL KIT
MAT'L: 6063-T5
DWG# 987



51 BOTTOM LOCK
MAT'L: 6063-T5
DWG# 2740



45 SCREEN FRAME
MAT'L: 3105-H14
DWG# 1014



53 MEETING RAIL
REINFORCEMENT
MAT'L: 6061-T6
DWG# 4063A

PRODUCT REVISED
to comply with the Florida
Building Code
Acceptance No 05-0204-03
Expiration Date 01/03/07
By *M. Hall*
National Trade Product Control
Institute

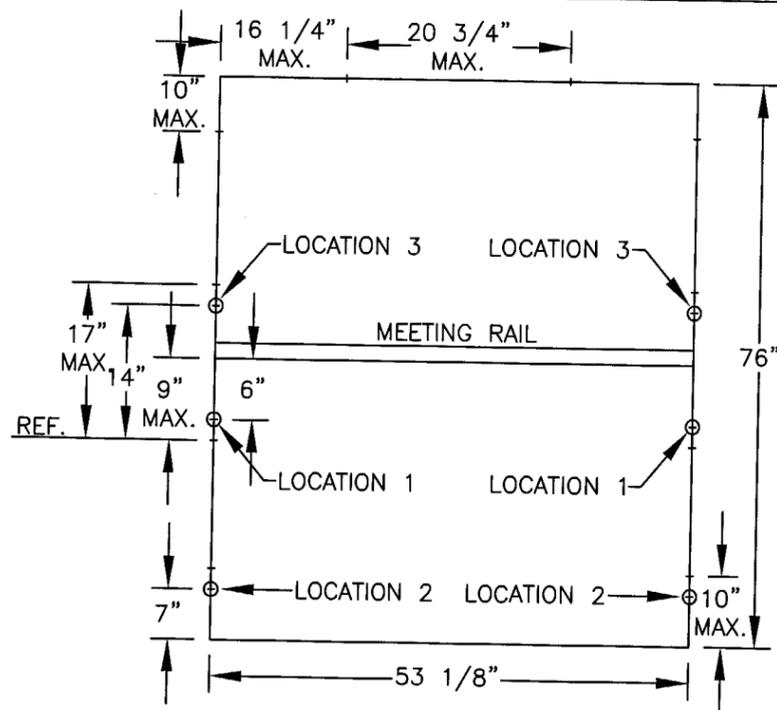
Robert L. Clark
2/2/05
Robert L. Clark, P.E.
PE #39712
Structural



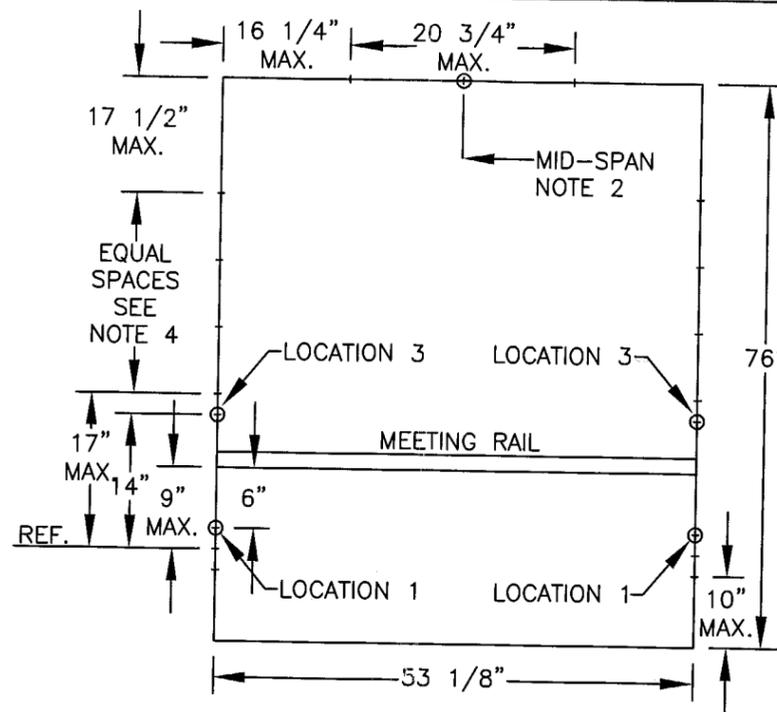
1070 TECHNOLOGY DRIVE
NOKOMIS, FL 34275
P.O. BOX 1529
NOKOMIS, FL 34274

Revsd By: F.K.	Date: 1/10/05	Revisions: E-NO CHG THIS SHT
Revsd By: F.K.	Date: 8/30/04	Revisions: D-NO CHG THIS SHT
Revsd By: F.K.	Date: 2/02/04	Revisions: C-ADD DOW #995 & 157
Drawn By: F.K.	Date: 10/4/01	

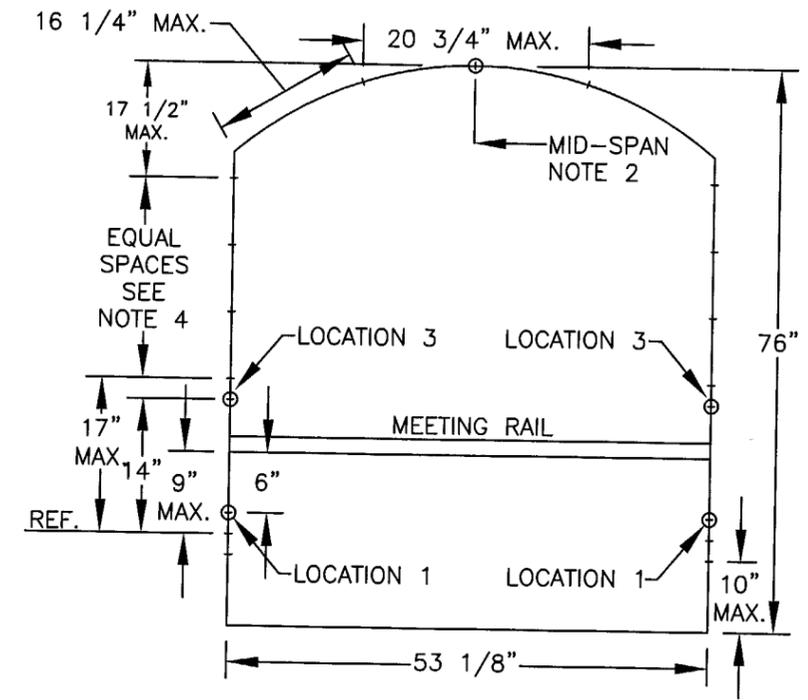
Description: B.O.M. & EXTRUSION PROFILES CONT.				
Title: MULTI-STORY ALUM. SINGLE HUNG WINDOW				
Series/Model: SH-800	Scale: NTS	Sheet: 6 of 8	Drawing No. 4061	Rev: E



DETAIL A, 1/1



DETAIL B, PROVIEW



DETAIL C, RADIUS TOP

ANCHORAGE SPACING NOTES:

- SPACING FOR SINGLE ROW OF 1/4" TAPCONS. DP IS LIMITED WHEN ANCHORING WITH #12 SCREWS (SEE TABLE 2).
- 1/1, PROVIEW AND RADIUS TOP HEADS AS FOLLOWS:
 - > 16 1/4" MAX. FROM CORNERS AND 20 3/4" MAX. O.C. PROVIEW AND RADIUS TOP WINDOWS OVER 52" WIDE REQUIRE AN ADDITIONAL ANCHOR MID-SPAN. SEE ENCIRCLED LOCATIONS AT HEAD IN DETAILS B AND C ABOVE.
- 1/1 JAMBS AS FOLLOWS PLUS APPLICABLE TABLE 2. LOCATIONS:
 - > 10" MAX. FROM CORNERS.
 - > 9" MAX. BELOW MEETING RAIL MARKED AS REFERENCE AND 17" MAX. ABOVE REFERENCE.
- PROVIEW AND RADIUS TOP JAMBS AS FOLLOWS PLUS APPLICABLE TABLE 2. LOCATIONS:
 - > 10" MAX. FROM BOTTOM CORNERS AND 17 1/2" MAX. FROM TOP CORNERS.
 - > 9" MAX. BELOW MEETING RAIL MARKED AS REFERENCE AND 14" AND 17" MAX. ABOVE MEETING RAIL REFERENCE.
 - > -120 PSF OR LESS, 15 5/16" MAX. O.C. ABOVE MEETING RAIL [LIMITED TO -77.7 PSF WITH #12 SCREWS].
 - > -121 TO -150 PSF, 9 3/4" MAX. O.C. ABOVE MEETING RAIL [LIMITED TO -107.4 PSF WITH #12 SCREWS].
- SPACING FOR ALL WINDOWS INSTALLED OUTSIDE OF MIAMI-DADE COUNTY WITH 1/4" TAPCONS OR #12 SCREWS TO FULL DP:

HEAD:

 - > 16 1/4" MAX. FROM CORNERS AND 20 3/4" MAX. O.C.

1/1 JAMBS:

 - > 10" MAX. FROM CORNERS
 - > 9" MAX. BELOW MEETING RAIL MARKED AS REFERENCE, 17" MAX. ABOVE REFERENCE AND 17 3/16" MAX. O.C.

PROVIEW AND RADIUS TOP JAMBS (UP TO 24" VENT):

 - > 15" FROM BOTTOM CORNERS, 17 1/2" MAX. FROM TOP CORNERS AND 23 3/4" MAX. O.C.

PROVIEW AND RADIUS TOP JAMBS (OVER 24" VENT):

 - > 10" FROM BOTTOM CORNERS AND 17 1/2" MAX. FROM TOP CORNERS
 - > 9" MAX. BELOW MEETING RAIL MARKED AS REFERENCE AND 17" ABOVE MEETING RAIL REFERENCE.
 - > 23 3/4" MAX. O.C. ABOVE MEETING RAIL.

TABLE 2. ADDITIONAL JAMB ANCHOR LOCATIONS

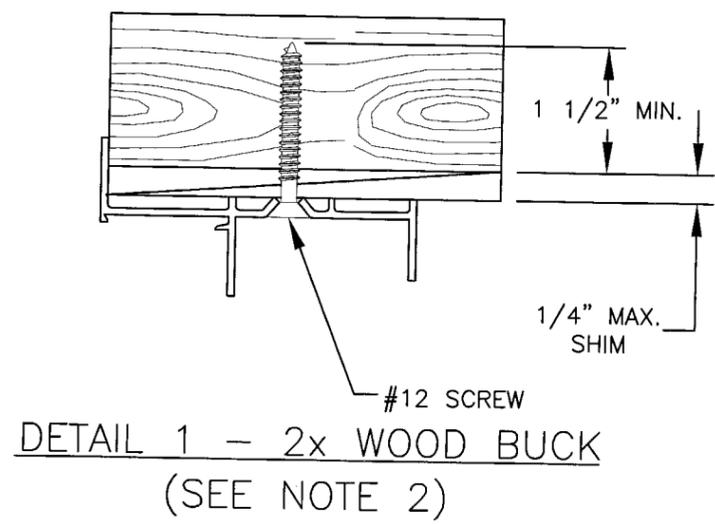
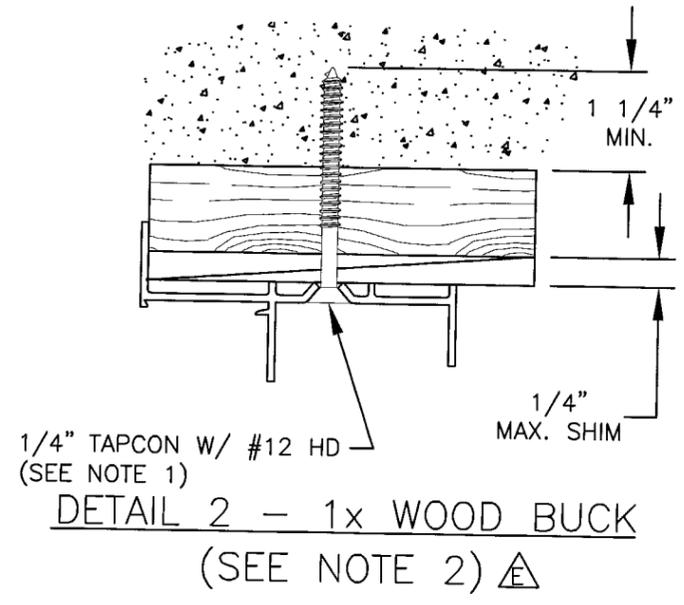
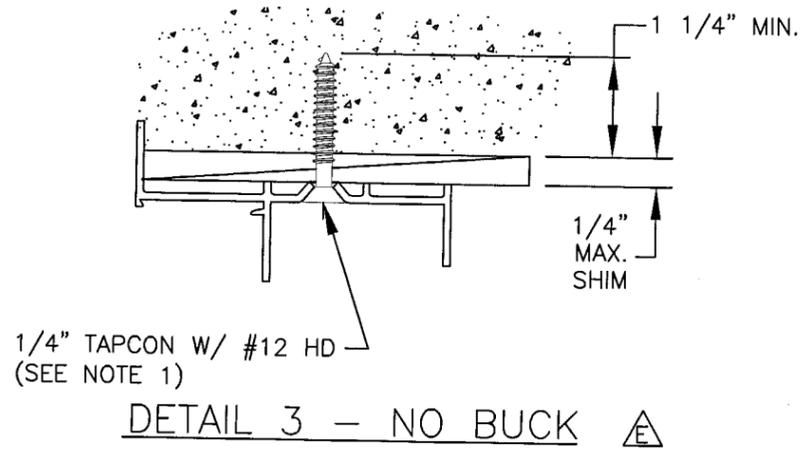
DESIGN PRESSURE RANGE	WINDOW SIZE & CONFIGURATION			
	UP TO 37" x 60"		OVER 37" x 60" UP TO 53 1/8" x 76"	
TAPCONS	1/1	VIEW/RAD	1/1	VIEW/RAD
UP TO 72.5 PSF	-72.5	-72.5	-51.8	-56.5
72.6 TO 120.0 PSF	-101.7	-77.7	1, 2, 3	3
121.0 TO 150.0 PSF	2, 3	-107.1	1, 2, 3	1, 3

KEY

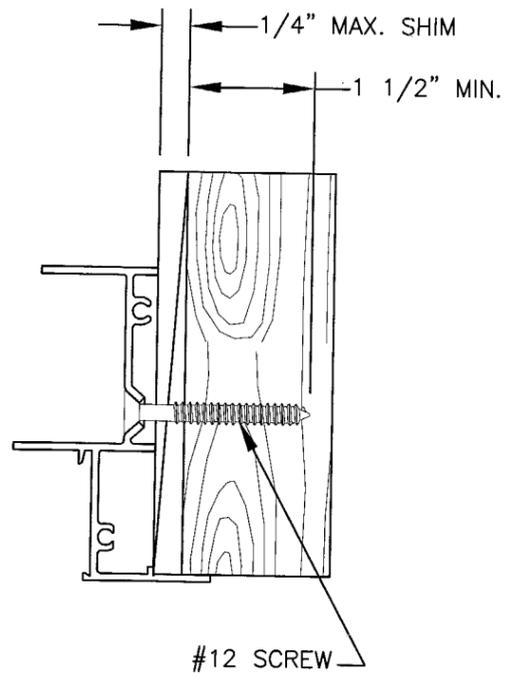
1,3	ADDITIONAL ANCHOR LOCATION(S) FOR DETAILS A, B OR C (IF BLANK, NONE REQUIRED)
-87.7	#12 SCREW DESIGN PRESSURE LIMIT

PRODUCT REVISED
 as complying with the Florida Building Code
 Acceptance No. 05-0204.03
 Expiration Date 03/03/07
 By: *M. Hall*
 National Trade Product Control Division

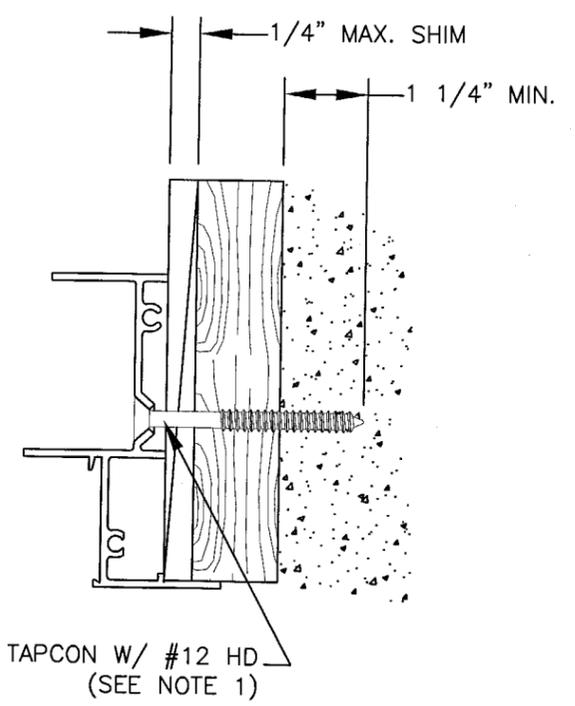
 Robert L. Clark, P.E. PE #39712 Structural	 1070 TECHNOLOGY DRIVE NOKOMIS, FL 34275 P.O. BOX 1529 NOKOMIS, FL 34274	Revsd By: _____ Date: _____ Revisions: _____ Revsd By: F.K. Date: 1/10/05 Revisions: NEW ANCHOR SHT Drawn By: F.K. Date: 10/4/01
		Description: ANCHORAGE SPACING Title: MULTI-STORY ALUM. SINGLE HUNG WINDOW Series/Model: SH-800 Scale: NTS Sheet: 7 of 8 Drawing No. 4061 Rev: E



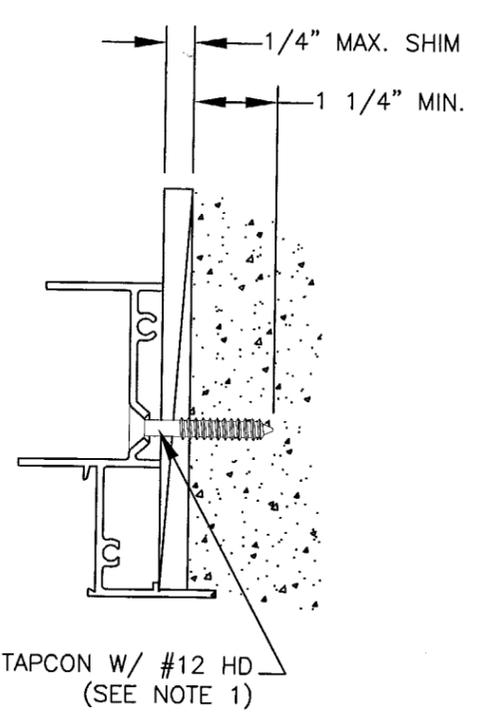
TYPICAL HEAD ANCHORAGE



DETAIL 4 - 2x WOOD BUCK
(SEE NOTE 2)



DETAIL 5 - 1x WOOD BUCK
(SEE NOTE 2) ⚠



DETAIL 6 - NO BUCK ⚠

TYPICAL JAMB ANCHORAGE

NOTES:

1. FOR CONCRETE APPLICATIONS IN MIAMI-DADE COUNTY, USE ONLY MIAMI-DADE COUNTY APPROVED TAPCONS.
2. WOOD BUCKS DEPICTED IN THE SECTIONS ON THIS PAGE AS 1x ARE BUCKS WHOSE TOTAL THICKNESS IS LESS THAN 1 1/2". WOOD BUCKS DEPICTED AS 2x ARE 1 1/2" THICK OR GREATER. INSTALLATION TO THE SUBSTRATE OF WOOD BUCKS TO BE ENGINEERED BY OTHERS OR AS APPROVED BY AUTHORITY HAVING JURISDICTION.
3. FOR ATTACHMENT TO ALUMINUM: THE MATERIAL SHALL BE A MINIMUM STRENGTH OF 6063-T5 AND A MINIMUM OF 1/8" THICK. THE ALUMINUM STRUCTURAL MEMBER SHALL BE OF A SIZE TO PROVIDE FULL SUPPORT TO THE WINDOW JAMB SIMILAR TO THAT SHOWN IN DETAILS 1 AND 6 ABOVE FOR 2x WOOD BUCKS. THE ANCHOR SHALL BE A #12 SHEET METAL SCREW WITH FULL ENGAGEMENT INTO THE ALUMINUM. IF THESE CRITERIA ARE MET THE PRESSURES AND ANCHORAGE SPACING FOR #12 SCREWS SHOWN ON SHEET 7 MAY BE USED.

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 05-0204-03
Expiration Date 07/03/07
By: *M. Shull*
Miami Dade Product Control
Division

Robert L. Clark
2/2/05
Robert L. Clark, P.E.
PE #39712
Structural



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

Revsd By: F.K.	Date: 1/10/05	Revisions: E-UPDATES AS NOTED
Revsd By: F.K.	Date: 8/30/04	Revisions: D-REMOVE MFR NOTE 1
Revsd By: F.K.	Date: 2/02/04	Revisions: C-UPDATE
Drawn By: F.K.	Date: 10/4/01	

Description: ANCHORAGE DETAILS			
Title: MULTI-STORY ALUM. SINGLE HUNG WINDOW			
Series/Model: SH-800	Scale: NTS	Sheet: 8 of 8	Drawing No. 4061
			Rev: E