



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) 372-6339

NOTICE OF ACCEPTANCE (NOA)

www.maimidade.gov/buildingcode

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 the High Velocity Hurricane Zone.

DESCRIPTION: Series 740 Aluminum Projected Window – L.M.I.

APPROVAL DOCUMENT: Drawing No. **7052-7**, titled "Alum. Projected Window, Impact", sheets 1 through 11 of 11, prepared by manufacturer, dated 02/24/03 with revision "C" dated 09/02/08, signed and sealed by Lucas A. Turner, 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: Large Missile Impact Resistant.

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 and renews NOA # 05-1129.10** and consists of this page 1 and evidence pages E-1 and E-2, as well as approval document mentioned above.

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



NOA No. 08-0709.16
Expiration Date: November 06, 2013
Approval Date: October 30, 2008
 Page 1

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

A. DRAWINGS

1. Manufacturer's die drawings and sections.
2. Drawing No **7052-7**, Sheets 1 through 11 of 11, titled "Alum. Projected Window, Impact", dated 02/24/03 with revision C dated 09/02/08, prepared by Mfr., signed and sealed by Lucas A. Turner, P.E.

B. TESTS

1. Test reports on: 1) Uniform Static Air Pressure Test, Loading per FBC, TAS 202-94
2) Large Missile Impact Test per FBC, TAS 201-94
3) Cyclic Wind Pressure Loading per FBC, TAS 203-94
along with marked-up drawings and installation diagram of an aluminum projected window, prepared by Fenestration Testing Laboratory, Inc., Test Report No. **FTL-3728** dated 2/28/03, signed and sealed by Joseph Chan, P.E.
(Submitted under NOA# 03-0514.10)
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) Large 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 and TAS 202-94
along with marked-up drawings and installation diagram of an aluminum fixed window muller to a projected window with 9/16" HS laminated, prepared by Fenestration Testing Laboratory, Inc., Test Report No. **FTL-3724** dated 2/28/03, signed and sealed by Joseph Chan, P.E. *(Submitted under NOA# 03-0514.10)*

C. CALCULATIONS

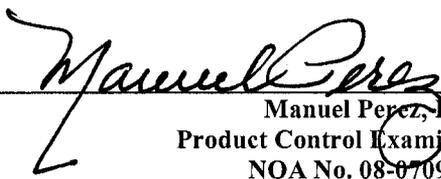
1. Anchor verification calculations and structural analysis, complying with FBC-2004, dated 11/21/05, prepared, signed and sealed by Lucas A. Turner, P.E.
Complies with ASTM E1300-02

D. QUALITY ASSURANCE

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

E. MATERIAL CERTIFICATIONS

1. Notice of Acceptance No. **05-1208.02** issued to E.I. DuPont de Nemours & Co., Inc. for "DuPont Butacite ® PVB Interlayer" dated 01/05/06, expiring on 12/11/10.


Manuel Perez, P.E.
Product Control Examiner
NOA No. 08-0709.16
Expiration Date: November 06, 2013
Approval Date: October 30, 2008

PGT Industries

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

F. STATEMENTS

1. Statement letter of conformance, dated 5/12/03, signed and sealed by Lucas A. Turner, P.E.
2. Statement letter of no financial interest, dated 5/12/03, signed and sealed by Lucas A. Turner, P.E.
3. Statement letter from original engineer stating that there are no changes to the product and that it conforms to the FBC, dated 6/26/08, signed and sealed by Lucas A. Turner, P.E.

G. OTHER

1. Notice of Acceptance No. **05-1129.10**, issued to PGT Industries for their Series CA-740 Aluminum Projected Window – LMI, approved on 02/23/06 and expiring on 11/06/08.


Manuel Perez, P.E.
Product Control Examiner

NOA No. 08-0709.16

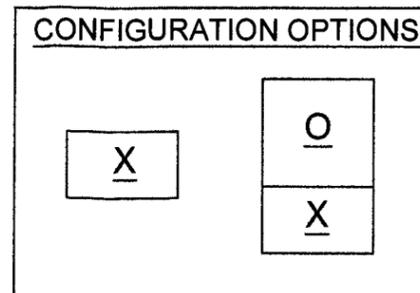
Expiration Date: November 06, 2013

Approval Date: October 30, 2008

NOTES: LARGE MISSILE WINDOWS

1. GLAZING OPTIONS:

- A. 5/16" LAMINATED GLASS COMPRISED OF (1) LITE OF 1/8" ANNEALED GLASS AND (1) LITE OF 1/8" HEAT STRENGTHENED GLASS W/ AN .090 INNER LAYER OF SOLUTIA OR DUPONT PVB.
- B. 5/16" LAMINATED GLASS COMPRISED OF (2) LITES OF 1/8" HEAT STRENGTHENED GLASS W/ AN .090 INNER LAYER OF SOLUTIA OR DUPONT PVB.
- C. 7/16" LAMINATED GLASS COMPRISED OF (1) LITE OF 3/16" ANNEALED GLASS AND (1) LITE OF 3/16" HEAT STRENGTHENED GLASS W/ AN .090 INNER LAYER OF SOLUTIA OR DUPONT PVB.
- D. 7/16" LAMINATED GLASS COMPRISED OF (2) LITES OF 3/16" HEAT STRENGTHENED GLASS W/ AN .090 INNER LAYER OF SOLUTIA OR DUPONT PVB.
- E. 13/16" I.G. GLASS COMPRISED OF (1) LITE OF 1/8" HEAT STRENGTHENED GLASS AND (1) 5/16" LAMINATED GLASS COMPONENT WITH A 3/8" AIR SPACE. 5/16" LAMINATED COMPONENT COMPRISED OF (2) LITES OF 1/8" HEAT STRENGTHENED GLASS WITH AN .090 SOLUTIA OR DUPONT INNER LAYER.



NOA DRAWING TABLE OF CONTENTS	
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2. CONFIGURATIONS: X. PROJECTED WINDOW MAY ALSO BE USED WITH THE CASEMENT FIXED WINDOW IN OX CONFIGURATION, FOR FIXED WINDOW DETAILS PLEASE SEE SEPARATE MIAMI-DADECOUNTY NOA.

3. DESIGN PRESSURE RATINGS / COMPARATIVE ANALYSIS TABLES:

- A. NEGATIVE DESIGN LOADS BASED ON TESTED PRESSURE AND GLASS TABLES ASTM E 1300-98.
- B. POSITIVE DESIGN LOADS BASED ON WATER TEST PRESSURE AND GLASS TABLES ASTM E 1300-98.
- C. DESIGN PRESSURES UNDER 40 P.S.F. NOT APPLICABLE IN MIAMI-DADE COUNTY.

4. ANCHORAGE: THE 33 1/3% STRESS INCREASE HAS NOT BEEN USED IN THE DESIGN OF THIS PRODUCT. SEE SHEETS 3 AND 11 FOR ADDITIONAL ANCHORAGE INFORMATION.

- JAMBS "X": MAX. 8" FROM CORNERS
- JAMBS "OX": MAX. 4" FROM "O" CORNERS
MAX. 13" O.C.
(2) ANCHORS 3" APART AT MID-SPAN ON FIXED LITE ONLY
MAX. 4" & 7" ON EACH SIDE OF MEETING RAIL
MAX. 8" FROM "X" CORNERS

- HEAD & SILL: MAX. 4" FROM CORNERS
MAX. 13" SPACING
(2) ANCHORS 3" APART AT MID-SPAN

SEE SHEET 11 FOR APPROVED ANCHORS. 1/4" TAPCONS OR 1/4" SS4 CRETE-FLEX MAY BE USED IN CONCRETE OR WOOD APPLICATIONS TO ACHIEVE THE DESIGN PRESSURES SHOWN IN SHEETS 4 THROUGH 6. SEE SHEETS 4 THROUGH 6 FOR DESIGN PRESSURE LIMITATIONS WHEN ANCHORING WITH #12 SCREWS.

- 5. SHUTTER REQUIREMENT: NONE REQUIRED
- 6. NARROW JOINT SEALANT IS USED ON ALL FOUR CORNERS OF THE FRAME.
- 7. REFERENCE TEST REPORTS: FTL-3724, FTL-3727 & FTL-3728.

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 08-0709.16
Expiration Date NOV. 9, 2013
By Manuel Perez
Miami Dade Product Control
Division

LT
2/12/08

Revsd By: F.K.	Date: 8/26/03	Revisions: A	REMOVE "O" OPTION PER MIAMI-DADE	1070 TECHNOLOGY DRIVE NOKOMIS, FL 34275 P.O. BOX 1529 NOKOMIS, FL 34274	PGT Visibly Better	Description: NOTES AND TABLE OF CONTENTS				
Revsd By: F.K.	Date: 10/19/05	Revisions: B	REVISE DP NOTE 3 AND ANCHORAGE NOTE 4			Title: ALUM. PROJECTED WINDOW, IMPACT				
Revsd By: D.G.	Date: 09/02/08	Revisions: C	MODIFIED NOTE 2			Series/Model: CA-740	Scale: NTS	Sheet: 1 of 11	Drawing No. 7052-7	Rev: C
Drawn By: F.K.	Date: 02/24/03	Checked By:	Date:							

Lucas A. Turner, P.E.
PE #58201
Mechanical

1/8" ANNEALED GLASS OR HEAT STRENGTHENED GLASS

STRENGTHENED GLASS

.090 SOLUTIA OR DUPONT PVB INNER LAYER

1/8" HEAT STRENGTHENED GLASS

64

50

45 46

55

.65" NOM. GLASS BITE

40

OUTSIDE

5/16" LAMINATED GLAZING DETAIL

9

13/16" NOM. 49

5/16" LAMINATED COMPONENT

1/8" HEAT STRENGTHENED GLASS

3/8" AIR SPACE

.090 SOLUTIA OR DUPONT PVB INNER LAYER

1/8" HEAT STRENGTHENED GLASS

64

50

57

.65" NOM. GLASS BITE

40

OUTSIDE

13/16" I.G. GLAZING DETAIL

9

.090 SOLUTIA OR DUPONT PVB INNER LAYER

3/16" ANNEALED OR HEAT STRENGTHENED GLASS

3/16" HEAT STRENGTHENED GLASS

47 48

64

56

.65" NOM. GLASS BITE

40

OUTSIDE

7/16" LAMINATED GLAZING DETAIL

9

50

PRODUCT REVISED
 to comply with the Florida
 Building Code
 Acceptance No. 08-0709.16
 Expiration Date Nov. 6, 2013
 By *Manuel Perez*
 Miami Code Product Control
 Division

L. J. Turner
 9/22/08

Revsd By: F.K.	Date: 8/26/03	Revisions: A	ADD "OUTSIDE" NOTATION
Revsd By: F.K.	Date: 10/19/05	Revisions: B	NO CHANGE THIS SHEET
Revsd By: D.G.	Date: 09/02/08	Revisions: C	NO CHANGE THIS SHEET
Drawn By: F.K.	Date: 02/24/03	Checked By: Date:	

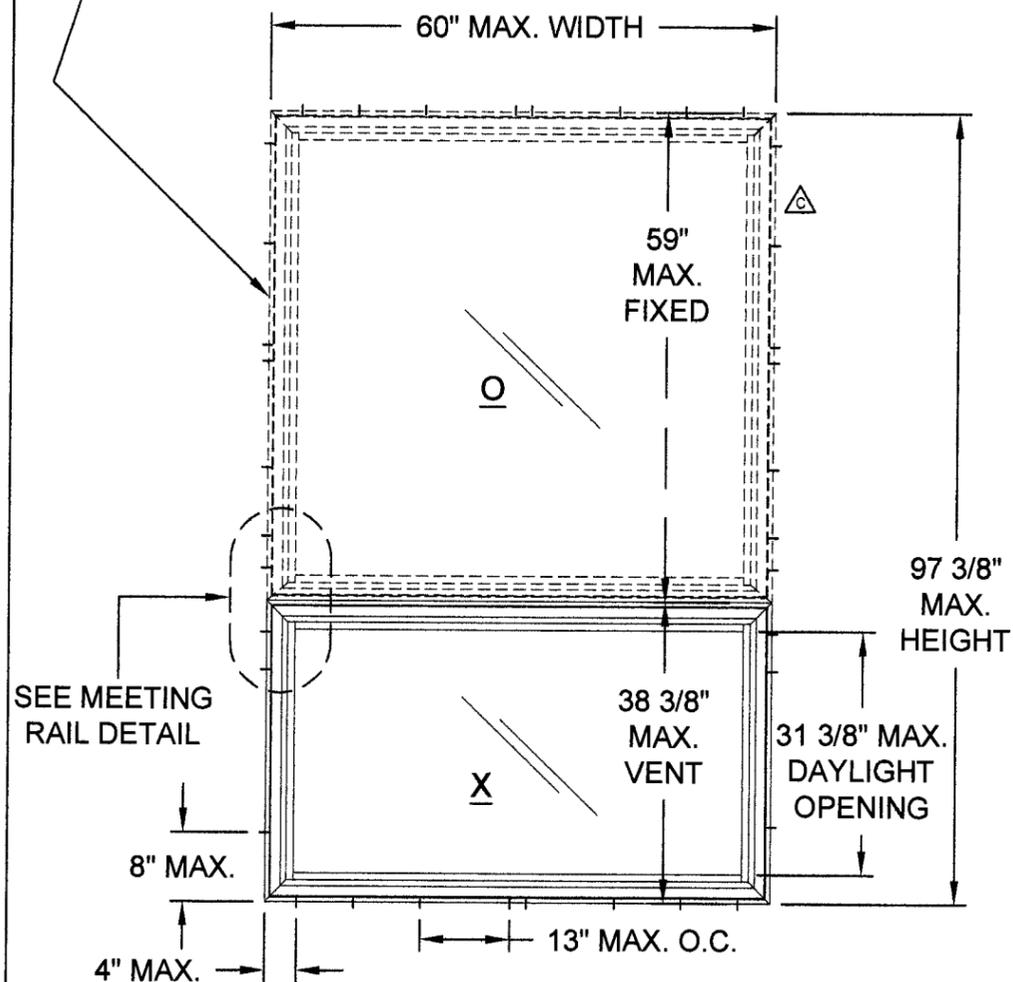
1070 TECHNOLOGY DRIVE
 NOKOMIS, FL 34275
 P.O. BOX 1529
 NOKOMIS, FL 34274



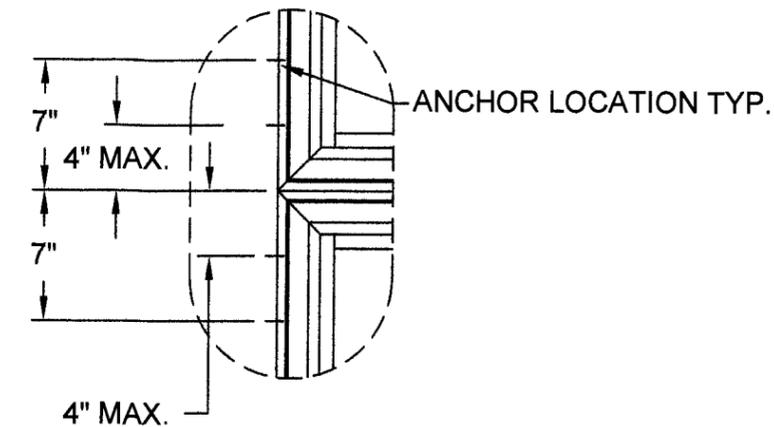
Description: GLAZING DETAILS			
Title: ALUM. PROJECTED WINDOW, IMPACT			
Series/Model: CA-740	Scale: NTS	Sheet: 2 of 11	Drawing No. 7052-7
			Rev: C

Lucas A. Turner, P.E.
 PE #58201
 Mechanical

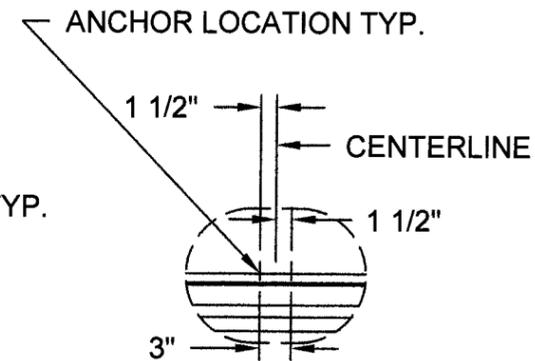
PLEASE SEE SEPARATE MIAMI-DADE COUNTY NOA FOR CASEMENT FIXED WINDOW



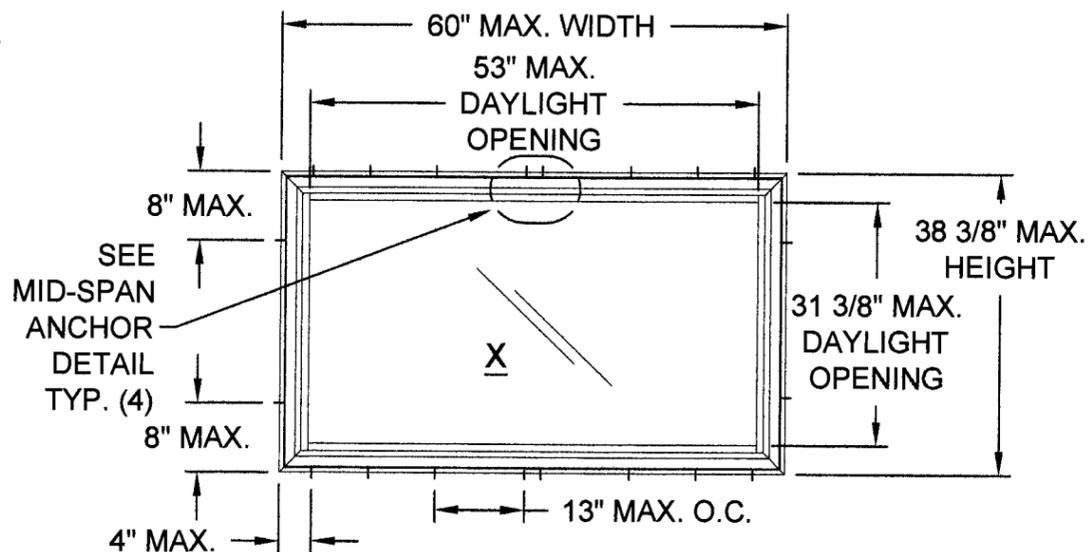
ELEVATION "A" - "OX"
(SEE SHEETS 5 & 6 FOR PRESSURES)



MEETING RAIL DETAIL (SEE SHT.1 NOTE 4)



MID-SPAN ANCHOR DETAIL
(SEE SHT. 1 NOTE 4)



ELEVATION "B" - "X"
(SEE SHEET 4 FOR PRESSURES)

PRODUCT REVISED
to comply with the Florida
Building Code
Amendment No. **DB-0709.16**
Expiration Date **NOV. 6, 2013**
By *Manuel Perez*
Miami-Dade Professional Control
Division

L.T.
9/12/08

Revised By: F.K.	Date: 8/26/03	Revisions: A	REMOVE "O" ELEVATION
Revised By: F.K.	Date: 10/19/05	Revisions: B	NO CHANGE THIS SHEET
Revised By: D.G.	Date: 09/02/08	Revisions: C	DASHED ALL "O" COMPONENTS, REMOVED "O" REFERENCES
Drawn By: F.K.	Date: 02/24/03	Checked By: Date:	

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



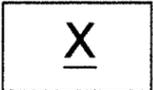
Description: ELEVATIONS			
Title: ALUM. PROJECTED WINDOW, IMPACT			
Series/Model: CA-740	Scale: NTS	Sheet: 3 of 11	Drawing No. 7052-7
			Rev: C

Lucas A. Turner, P.E.
PE #58201
Mechanical

COMPARATIVE ANALYSIS TABLE 1. "X" WINDOWS TEST REPORTS: FTL-3724,FTL-3727,FTL-3728

GLAZING OPTION: A. 5/16" LAMI (1/8"A,.090,1/8"HS) FTL-3727

VENT HEIGHT		17.000	18.000	21.000	24.000	26.000	30.000	33.000	36.000	37.000	38.375											
WINDOW WIDTH	24.000	A	70.0	-75.0	70.0	-75.0	70.0	-75.0	70.0	-75.0	70.0	-75.0	70.0	-75.0	70.0	-75.0	70.0	-75.0	70.0	-75.0	70.0	-75.0
	26.500	A	70.0	-75.0	70.0	-75.0	70.0	-75.0	70.0	-75.0	70.0	-75.0	70.0	-75.0	70.0	-75.0	70.0	-75.0	70.0	-75.0	70.0	-75.0
	30.000	A	70.0	-75.0	70.0	-75.0	70.0	-75.0	70.0	-75.0	70.0	-75.0	70.0	-75.0	70.0	-75.0	70.0	-75.0	70.0	-75.0	70.0	-75.0
	36.000	A	70.0	-75.0	70.0	-75.0	70.0	-75.0	70.0	-75.0	70.0	-75.0	70.0	-75.0	70.0	-75.0	70.0	-75.0	70.0	-73.7	70.0	-70.4
	37.000	A	70.0	-75.0	70.0	-75.0	70.0	-75.0	70.0	-75.0	70.0	-75.0	70.0	-75.0	70.0	-75.0	70.0	-73.7	70.0	-71.2	67.9	-67.9
	43.000	A	70.0	-75.0	70.0	-75.0	70.0	-75.0	70.0	-75.0	70.0	-75.0	70.0	-75.0	68.2	-68.2	60.4	-60.4	59.0	-59.0	57.2	-57.2
	48.000	A	70.0	-75.0	70.0	-75.0	70.0	-75.0	70.0	-75.0	70.0	-75.0	68.4	-68.4	59.4	-59.4	54.3	-54.3	52.8	-52.8	51.1	-51.1
	53.125	A	70.0	-75.0	70.0	-75.0	70.0	-75.0	70.0	-75.0	70.0	-75.0	60.6	-60.6	54.8	-54.8	48.8	-48.8	47.2	-47.2	45.5	-45.5
	57.000	A	70.0	-75.0	70.0	-75.0	70.0	-75.0	70.0	-75.0	70.0	-75.0	58.5	-58.5	51.0	-51.0	44.8	-44.8	43.5	-43.5	42.1	-42.1
	60.000	A	70.0	-75.0	70.0	-75.0	70.0	-75.0	70.0	-75.0	70.0	-72.9	56.2	-56.2	47.5	-47.5	42.2	-42.2	41.1	-41.1	39.7	-39.7



GLASS OPTION B. 5/16" LAMI (1/8"HS,.090,1/8"HS) FTL-3727 ALL THE ABOVE SIZE COMBINATIONS 70.0 -75.0

GLASS OPTION C. 7/16" LAMI (3/16"A,.090,3/16"HS) FTL-3724 ALL THE ABOVE SIZE COMBINATIONS 70.0 -90.0

GLASS OPTION E. 13/16" I.G. (1/8"HS, 3/8" SPACE, 5/16" LAMI W/ 1/8"HS & 1/8" HS) FTL-3728 ALL THE ABOVE SIZE COMBINATIONS 70.0 -75.0

NOTES:

1. FOR INSTALLATIONS IN WOOD OR CONCRETE TO THE FULL DESIGN PRESSURE IN THE ABOVE TABLE, USE ELCO 1/4" TAPCONS OR 1/4" SS4 CRETE-FLEX ANCHORS.
2. IF INSTALLING WITH #12 SCREWS, DESIGN PRESSURE IS LIMITED TO 79.9 P.S.F.

PRODUCT REVISED
 as complying with the Florida
 Building Code
 Acceptance No. 08-0709-16
 Expiration Date NOV. 6, 2013
 By *Manuel Suarez*
 Miami Dade Product Control
 Division

L.T.
 9/12/08

Revised By: F.K.	Date: 8/26/03	Revisions: A	NO CHANGE THIS SHEET	1070 TECHNOLOGY DRIVE NOKOMIS, FL 34275 P.O. BOX 1529 NOKOMIS, FL 34274	PGT Visibly Better	Description: DESIGN PRESSURES "X" WINDOWS					
Revised By: F.K.	Date: 10/19/05	Revisions: B	REVISED ANCHORAGE AND NOTE			Title: ALUM. PROJECTED WINDOW, IMPACT					
Revised By: D.G.	Date: 09/02/08	Revisions: C	NO CHANGE THIS SHEET			Series/Model: CA-740	Scale: NTS	Sheet: 4 of 11	Drawing No. 7052-7	Rev: C	
Drawn By: F.K.	Date: 02/24/03	Checked By:	Date:								

Lucas A. Turner, P.E.
 PE #58201
 Mechanical

COMPARATIVE ANALYSIS TABLE 3.

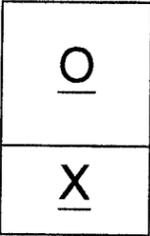
"OX" UNEQUAL LITE WINDOWS

TEST REPORTS: FTL-3724,FTL-3727,FTL-3728

GLAZING OPTIONS: A. 5/16" LAMI (1/8"A,.090,1/8"HS) FTL-3727 B. 5/16" LAMI (1/8"HS,.090,1/8"HS) FTL-3727
 C. 7/16" LAMI (3/16"A,.090,3/16"HS) FTL-3724 E. 13/16" I.G. (1/8"HS, 3/8" SPACE, 5/16" LAMI W/ 1/8"HS, 1/8"HS) FTL-3728

VENT HEIGHT		UP TO 26.000												30.000												
FIXED HEIGHT		26.000		32.000		38.375		44.000		50.625		59.000		26.000		32.000		38.375		44.000		50.625		59.000		
WINDOW WIDTH	24.000	A	70.0	-75.0	70.0	-75.0	70.0	-75.0	70.0	-75.0	70.0	-75.0	70.0	-75.0	70.0	-75.0	70.0	-75.0	70.0	-75.0	70.0	-75.0	70.0	-75.0	70.0	-75.0
		B,E	70.0	-75.0	70.0	-75.0	70.0	-75.0	70.0	-75.0	70.0	-75.0	70.0	-75.0	70.0	-75.0	70.0	-75.0	70.0	-75.0	70.0	-75.0	70.0	-75.0	70.0	-75.0
		C	70.0	-90.0	70.0	-90.0	70.0	-90.0	70.0	-90.0	70.0	-90.0	70.0	-90.0	70.0	-90.0	70.0	-90.0	70.0	-90.0	70.0	-90.0	70.0	-90.0	70.0	-90.0
	26.500	A	70.0	-75.0	70.0	-75.0	70.0	-75.0	70.0	-75.0	70.0	-75.0	70.0	-70.8	70.0	-75.0	70.0	-75.0	70.0	-75.0	70.0	-75.0	70.0	-75.0	70.0	-70.8
		B,E	70.0	-75.0	70.0	-75.0	70.0	-75.0	70.0	-75.0	70.0	-75.0	70.0	-75.0	70.0	-75.0	70.0	-75.0	70.0	-75.0	70.0	-75.0	70.0	-75.0	70.0	-75.0
		C	70.0	-90.0	70.0	-90.0	70.0	-90.0	70.0	-90.0	70.0	-90.0	70.0	-90.0	70.0	-90.0	70.0	-90.0	70.0	-90.0	70.0	-90.0	70.0	-90.0	70.0	-90.0
	30.000	A	70.0	-75.0	70.0	-75.0	70.0	-75.0	70.0	-75.0	63.9	-63.9	57.0	-57.0	70.0	-75.0	70.0	-75.0	70.0	-75.0	70.0	-75.0	63.9	-63.9	57.0	-57.0
		B,E	70.0	-75.0	70.0	-75.0	70.0	-75.0	70.0	-75.0	70.0	-75.0	70.0	-75.0	70.0	-75.0	70.0	-75.0	70.0	-75.0	70.0	-75.0	70.0	-75.0	70.0	-75.0
		C	70.0	-90.0	70.0	-90.0	70.0	-90.0	70.0	-90.0	70.0	-90.0	70.0	-90.0	70.0	-90.0	70.0	-90.0	70.0	-90.0	70.0	-90.0	70.0	-90.0	70.0	-90.0
	36.000	A	70.0	-75.0	70.0	-75.0	70.0	-70.4	59.2	-59.2	51.1	-51.1	43.0	-43.0	70.0	-75.0	70.0	-75.0	70.0	-70.4	59.2	-59.2	51.1	-51.1	43.0	-43.0
		B,E	70.0	-75.0	70.0	-75.0	70.0	-75.0	70.0	-75.0	70.0	-75.0	70.0	-75.0	70.0	-75.0	70.0	-75.0	70.0	-75.0	70.0	-75.0	70.0	-75.0	70.0	-75.0
		C	70.0	-90.0	70.0	-90.0	70.0	-90.0	70.0	-90.0	70.0	-90.0	70.0	-90.0	70.0	-90.0	70.0	-90.0	70.0	-90.0	70.0	-90.0	70.0	-90.0	70.0	-90.0
	37.000	A	70.0	-75.0	70.0	-75.0	67.9	-67.9	57.8	-57.8	49.9	-49.9	41.9	-41.9	70.0	-75.0	70.0	-75.0	67.9	-67.9	57.8	-57.8	49.9	-49.9	41.9	-41.9
		B,E	70.0	-75.0	70.0	-75.0	70.0	-75.0	70.0	-75.0	70.0	-75.0	70.0	-75.0	70.0	-75.0	70.0	-75.0	70.0	-75.0	70.0	-75.0	70.0	-75.0	70.0	-75.0
		C	70.0	-90.0	70.0	-90.0	70.0	-90.0	70.0	-90.0	70.0	-90.0	70.0	-90.0	70.0	-90.0	70.0	-90.0	70.0	-90.0	70.0	-90.0	70.0	-90.0	70.0	-90.0
	43.000	A	70.0	-75.0	70.0	-71.1	57.2	-57.2	60.7	-60.7	52.6	-52.6	44.4	-44.4	70.0	-75.0	70.0	-71.1	57.2	-57.2	60.7	-60.7	52.6	-52.6	44.4	-44.4
		B,E	70.0	-75.0	70.0	-75.0	70.0	-75.0	70.0	-75.0	70.0	-75.0	70.0	-75.0	70.0	-75.0	70.0	-75.0	70.0	-75.0	70.0	-75.0	70.0	-75.0	70.0	-75.0
		C	70.0	-90.0	70.0	-90.0	70.0	-90.0	70.0	-90.0	70.0	-90.0	70.0	-78.6	70.0	-90.0	70.0	-90.0	70.0	-90.0	70.0	-90.0	70.0	-90.0	70.0	-78.6
	48.000	A	70.0	-75.0	61.8	-61.8	51.1	-51.1	54.4	-54.4	48.6	-48.6	41.0	-41.0	68.4	-68.4	61.8	-61.8	51.1	-51.1	54.4	-54.4	48.6	-48.6	41.0	-41.0
		B,E	70.0	-75.0	70.0	-75.0	70.0	-75.0	70.0	-75.0	70.0	-75.0	70.0	-75.0	70.0	-75.0	70.0	-75.0	70.0	-75.0	70.0	-75.0	70.0	-75.0	70.0	-75.0
		C	70.0	-90.0	70.0	-90.0	70.0	-90.0	70.0	-90.0	70.0	-80.9	68.4	-68.4	70.0	-90.0	70.0	-90.0	70.0	-90.0	70.0	-90.0	70.0	-80.9	68.4	-68.4
	53.125	A	70.0	-75.0	56.8	-56.8	45.5	-45.5	49.1	-49.1	44.3	-44.3	38.7	-38.7	60.6	-60.6	56.8	-56.8	45.5	-45.5	49.1	-49.1	44.3	-44.3	38.7	-38.7
		B,E	70.0	-75.0	70.0	-75.0	70.0	-75.0	70.0	-75.0	70.0	-75.0	70.0	-75.0	70.0	-75.0	70.0	-75.0	70.0	-75.0	70.0	-75.0	70.0	-75.0	70.0	-75.0
		C	70.0	-90.0	70.0	-90.0	70.0	-90.0	70.0	-85.9	70.0	-71.2	60.9	-60.9	70.0	-90.0	70.0	-90.0	70.0	-90.0	70.0	-85.9	70.0	-71.2	60.9	-60.9
57.000	A	70.0	-75.0	53.8	-53.8	42.1	-42.1	45.5	-45.5	41.2	-41.2	37.3	-37.3	58.5	-58.5	53.8	-53.8	42.1	-42.1	45.5	-45.5	41.2	-41.2	37.3	-37.3	
	B,E	70.0	-75.0	70.0	-75.0	70.0	-75.0	70.0	-75.0	70.0	-75.0	70.0	-74.5	70.0	-75.0	70.0	-75.0	70.0	-75.0	70.0	-75.0	70.0	-75.0	70.0	-74.5	
	C	70.0	-90.0	70.0	-90.0	70.0	-90.0	70.0	-79.3	66.7	-66.7	56.9	-56.9	70.0	-90.0	70.0	-90.0	70.0	-90.0	70.0	-79.3	66.7	-66.7	56.9	-56.9	
60.000	A	70.0	-72.9	50.4	-50.4	39.7	-39.7	42.8	-42.8	39.2	-39.2	35.9	-35.9	56.2	-56.2	50.4	-50.4	39.7	-39.7	42.8	-42.8	39.2	-39.2	35.9	-35.9	
	B,E	70.0	-75.0	70.0	-75.0	70.0	-75.0	70.0	-75.0	70.0	-75.0	70.0	-71.8	70.0	-75.0	70.0	-75.0	70.0	-75.0	70.0	-75.0	70.0	-75.0	70.0	-71.8	
	C	70.0	-90.0	70.0	-90.0	70.0	-90.0	70.0	-74.6	63.3	-63.3	54.0	-54.0	70.0	-90.0	70.0	-90.0	70.0	-90.0	70.0	-74.6	63.3	-63.3	54.0	-54.0	

GLASS OPTION D. 7/16" LAMI (3/16"HS,.090,3/16"HS) FTL-3724 ALL THE ABOVE SIZE COMBINATIONS 70.0 -90.0



PRODUCT REVISED
 as complying with the Florida
 Building Code
 Acceptance No. 08-0709.16
 Issuance Date NOV. 6, 2013
 By: *Manuel Perez*
 National Trade Product Control
 Division

L.T.
 9/12/08

- NOTES:**
- FOR INSTALLATIONS IN WOOD OR CONCRETE TO THE FULL DESIGN PRESSURE IN THE ABOVE TABLE, USE ELCO 1/4" TAPCONS OR 1/4" SS4 CRETE-FLEX ANCHORS.
 - IF INSTALLING WITH #12 SCREWS, DESIGN PRESSURE IS LIMITED TO 79.9 P.S.F.

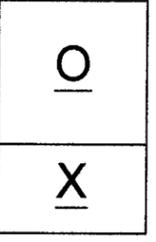
Revsd By: F.K.	Date: 8/26/03	Revisions: A	NO CHANGE THIS SHEET	1070 TECHNOLOGY DRIVE NOKOMIS, FL 34275	PGT Visibly Better	Description: DESIGN PRESSURES "OX" WINDOWS					
Revsd By: F.K.	Date: 10/19/05	Revisions: B	REVISE ANCHORAGE AND NOTE			Title: ALUM. PROJECTED WINDOW, IMPACT					
Revsd By: D.G.	Date: 09/02/08	Revisions: C	NO CHANGE THIS SHEET			Series/Model: CA-740	Scale: NTS	Sheet: 5 of 11	Drawing No: 7052-7	Rev: C	
Drawn By: F.K.	Date: 02/24/03	Checked By:	Date:			Lucas A. Turner, P.E. PE #58201 Mechanical					

COMPARATIVE ANALYSIS TABLE 4. "OX" UNEQUAL LITE WINDOWS TEST REPORTS: FTL-3724,FTL-3727,FTL-3728

GLAZING OPTIONS: A. 5/16" LAMI (1/8"A.,.090,1/8"HS) FTL-3727 B. 5/16" LAMI (1/8"HS,.090,1/8"HS) FTL-3727
 C. 7/16" LAMI (3/16"A.,.090,3/16"HS) FTL-3724 E. 13/16" I.G. (1/8"HS, 3/8" SPACE, 5/16" LAMI W/ 1/8"HS, 1/8"HS) FTL-3728

VENT HEIGHT		34.000												38.375												
FIXED HEIGHT		26.000		32.000		38.375		44.000		50.625		59.000		26.000		32.000		38.375		44.000		50.625		59.000		
WINDOW WIDTH	24.000	A	70.0	-75.0	70.0	-75.0	70.0	-75.0	70.0	-75.0	70.0	-75.0	70.0	-75.0	70.0	-75.0	70.0	-75.0	70.0	-75.0	70.0	-75.0	70.0	-75.0		
		B,E	70.0	-75.0	70.0	-75.0	70.0	-75.0	70.0	-75.0	70.0	-75.0	70.0	-75.0	70.0	-75.0	70.0	-75.0	70.0	-75.0	70.0	-75.0	70.0	-75.0		
		C	70.0	-90.0	70.0	-90.0	70.0	-90.0	70.0	-90.0	70.0	-90.0	70.0	-90.0	70.0	-90.0	70.0	-90.0	70.0	-90.0	70.0	-90.0	70.0	-90.0		
	26.500	A	70.0	-75.0	70.0	-75.0	70.0	-75.0	70.0	-75.0	70.0	-75.0	70.0	-70.8	70.0	-75.0	70.0	-75.0	70.0	-75.0	70.0	-75.0	70.0	-75.0	70.0	-70.8
		B,E	70.0	-75.0	70.0	-75.0	70.0	-75.0	70.0	-75.0	70.0	-75.0	70.0	-75.0	70.0	-75.0	70.0	-75.0	70.0	-75.0	70.0	-75.0	70.0	-75.0	70.0	-75.0
		C	70.0	-90.0	70.0	-90.0	70.0	-90.0	70.0	-90.0	70.0	-90.0	70.0	-90.0	70.0	-90.0	70.0	-90.0	70.0	-90.0	70.0	-90.0	70.0	-90.0	70.0	-90.0
	30.000	A	70.0	-75.0	70.0	-75.0	70.0	-75.0	70.0	-75.0	63.9	-63.9	57.0	-57.0	70.0	-75.0	70.0	-75.0	70.0	-75.0	70.0	-75.0	63.9	-63.9	57.0	-57.0
		B,E	70.0	-75.0	70.0	-75.0	70.0	-75.0	70.0	-75.0	70.0	-75.0	70.0	-75.0	70.0	-75.0	70.0	-75.0	70.0	-75.0	70.0	-75.0	70.0	-75.0	70.0	-75.0
		C	70.0	-90.0	70.0	-90.0	70.0	-90.0	70.0	-90.0	70.0	-90.0	70.0	-90.0	70.0	-90.0	70.0	-90.0	70.0	-90.0	70.0	-90.0	70.0	-90.0	70.0	-90.0
	36.000	A	70.0	-75.0	70.0	-75.0	70.0	-70.4	59.2	-59.2	51.1	-51.1	43.0	-43.0	70.0	-70.4	70.0	-70.4	70.0	-70.4	59.2	-59.2	51.1	-51.1	43.0	-43.0
		B,E	70.0	-75.0	70.0	-75.0	70.0	-75.0	70.0	-75.0	70.0	-75.0	70.0	-75.0	70.0	-75.0	70.0	-75.0	70.0	-75.0	70.0	-75.0	70.0	-75.0	70.0	-75.0
		C	70.0	-90.0	70.0	-90.0	70.0	-90.0	70.0	-90.0	70.0	-90.0	70.0	-90.0	70.0	-90.0	70.0	-90.0	70.0	-90.0	70.0	-90.0	70.0	-90.0	70.0	-90.0
	37.000	A	70.0	-75.0	70.0	-75.0	67.9	-67.9	57.8	-57.8	49.9	-49.9	41.9	-41.9	67.9	-67.9	67.9	-67.9	67.9	-67.9	57.8	-57.8	49.9	-49.9	41.9	-41.9
		B,E	70.0	-75.0	70.0	-75.0	70.0	-75.0	70.0	-75.0	70.0	-75.0	70.0	-75.0	70.0	-75.0	70.0	-75.0	70.0	-75.0	70.0	-75.0	70.0	-75.0	70.0	-75.0
		C	70.0	-90.0	70.0	-90.0	70.0	-90.0	70.0	-90.0	70.0	-90.0	70.0	-90.0	70.0	-90.0	70.0	-90.0	70.0	-90.0	70.0	-90.0	70.0	-90.0	70.0	-90.0
	43.000	A	65.5	-65.5	65.5	-65.5	57.2	-57.2	60.7	-60.7	52.6	-52.6	44.4	-44.4	57.2	-57.2	57.2	-57.2	57.2	-57.2	57.2	-57.2	52.6	-52.6	44.4	-44.4
		B,E	70.0	-75.0	70.0	-75.0	70.0	-75.0	70.0	-75.0	70.0	-75.0	70.0	-75.0	70.0	-75.0	70.0	-75.0	70.0	-75.0	70.0	-75.0	70.0	-75.0	70.0	-75.0
		C	70.0	-90.0	70.0	-90.0	70.0	-90.0	70.0	-90.0	70.0	-90.0	70.0	-78.6	70.0	-90.0	70.0	-90.0	70.0	-90.0	70.0	-90.0	70.0	-90.0	70.0	-78.6
	48.000	A	57.5	-57.5	57.5	-57.5	51.1	-51.1	54.4	-54.4	48.6	-48.6	41.0	-41.0	51.1	-51.1	51.1	-51.1	51.1	-51.1	51.1	-51.1	48.6	-48.6	41.0	-41.0
		B,E	70.0	-75.0	70.0	-75.0	70.0	-75.0	70.0	-75.0	70.0	-75.0	70.0	-75.0	70.0	-75.0	70.0	-75.0	70.0	-75.0	70.0	-75.0	70.0	-75.0	70.0	-75.0
		C	70.0	-90.0	70.0	-90.0	70.0	-90.0	70.0	-90.0	70.0	-80.9	68.4	-68.4	70.0	-90.0	70.0	-90.0	70.0	-90.0	70.0	-90.0	70.0	-80.9	68.4	-68.4
	53.125	A	52.7	-52.7	52.7	-52.7	45.5	-45.5	49.1	-49.1	44.3	-44.3	38.7	-38.7	45.5	-45.5	45.5	-45.5	45.5	-45.5	45.5	-45.5	44.3	-44.3	38.7	-38.7
		B,E	70.0	-75.0	70.0	-75.0	70.0	-75.0	70.0	-75.0	70.0	-75.0	70.0	-75.0	70.0	-75.0	70.0	-75.0	70.0	-75.0	70.0	-75.0	70.0	-75.0	70.0	-75.0
		C	70.0	-90.0	70.0	-90.0	70.0	-90.0	70.0	-85.9	70.0	-71.2	60.9	-60.9	70.0	-90.0	70.0	-90.0	70.0	-90.0	70.0	-85.9	70.0	-71.2	60.9	-60.9
57.000	A	48.6	-48.6	48.6	-48.6	42.1	-42.1	45.5	-45.5	41.2	-41.2	37.3	-37.3	42.1	-42.1	42.1	-42.1	42.1	-42.1	42.1	-42.1	41.2	-41.2	37.3	-37.3	
	B,E	70.0	-75.0	70.0	-75.0	70.0	-75.0	70.0	-75.0	70.0	-75.0	70.0	-74.5	70.0	-75.0	70.0	-75.0	70.0	-75.0	70.0	-75.0	70.0	-75.0	70.0	-74.5	
	C	70.0	-90.0	70.0	-90.0	70.0	-90.0	70.0	-79.3	66.7	-66.7	56.9	-56.9	70.0	-90.0	70.0	-90.0	70.0	-90.0	70.0	-79.3	66.7	-66.7	56.9	-56.9	
60.000	A	45.2	-45.2	45.2	-45.2	39.7	-39.7	42.8	-42.8	39.2	-39.2	35.9	-35.9	39.7	-39.7	39.7	-39.7	39.7	-39.7	39.7	-39.7	39.2	-39.2	35.9	-35.9	
	B,E	70.0	-75.0	70.0	-75.0	70.0	-75.0	70.0	-75.0	70.0	-75.0	70.0	-71.8	70.0	-75.0	70.0	-75.0	70.0	-75.0	70.0	-75.0	70.0	-75.0	70.0	-71.8	
	C	70.0	-90.0	70.0	-90.0	70.0	-90.0	70.0	-74.6	63.3	-63.3	54.0	-54.0	70.0	-90.0	70.0	-90.0	70.0	-90.0	70.0	-74.6	63.3	-63.3	54.0	-54.0	

GLASS OPTION D. 7/16" LAMI (3/16"HS,.090,3/16"HS) FTL-3724 ALL THE ABOVE SIZE COMBINATIONS 70.0 -90.0



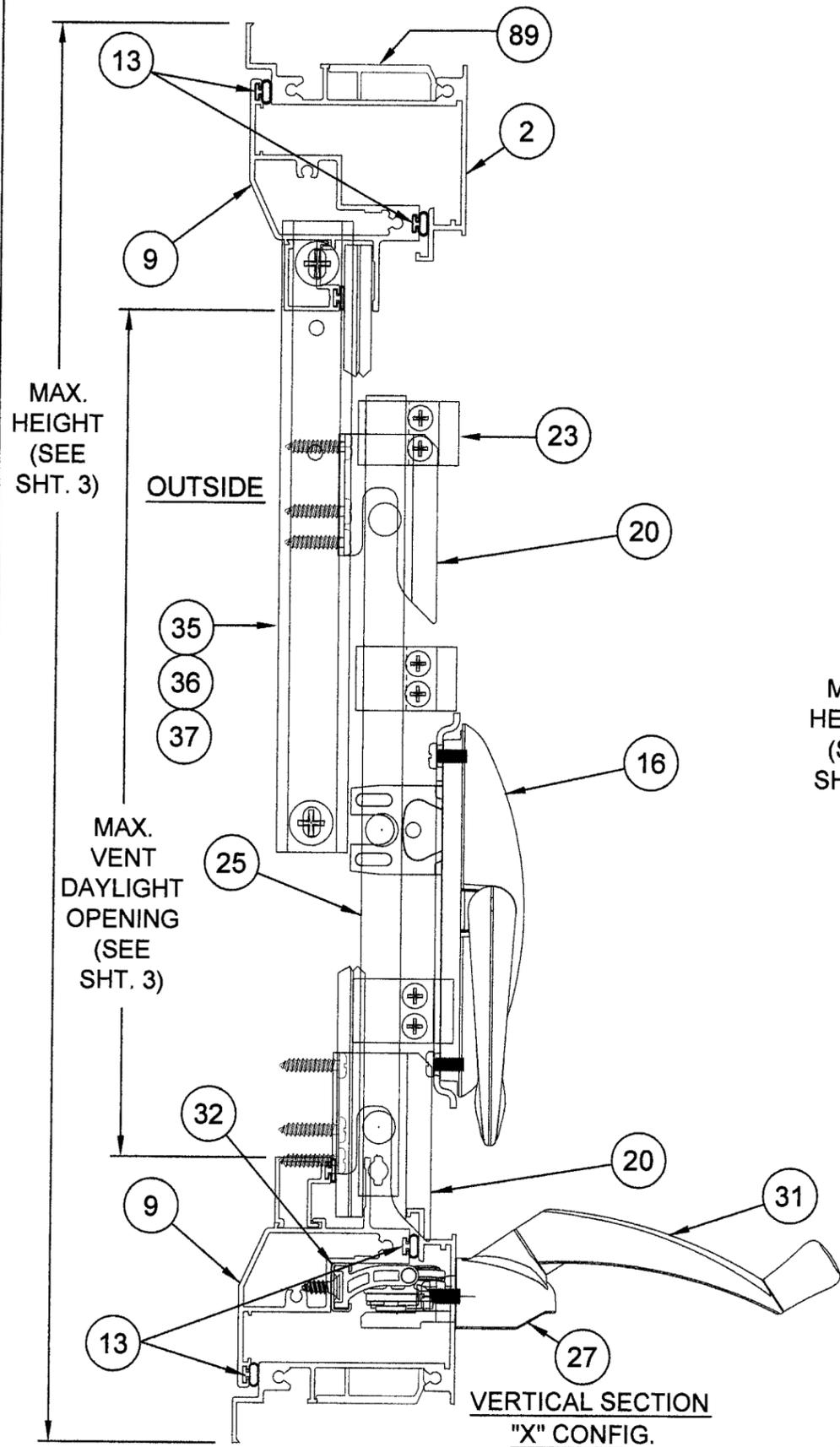
PRODUCT REVISED
 as complying with the Florida
 Building Code
 Acceptance No. 08-0709.16
 Expiration Date NOV. 6, 2013
 By Manuel Perez
 Miami Dade Product Control
 Division

ZZ
 9/12/08

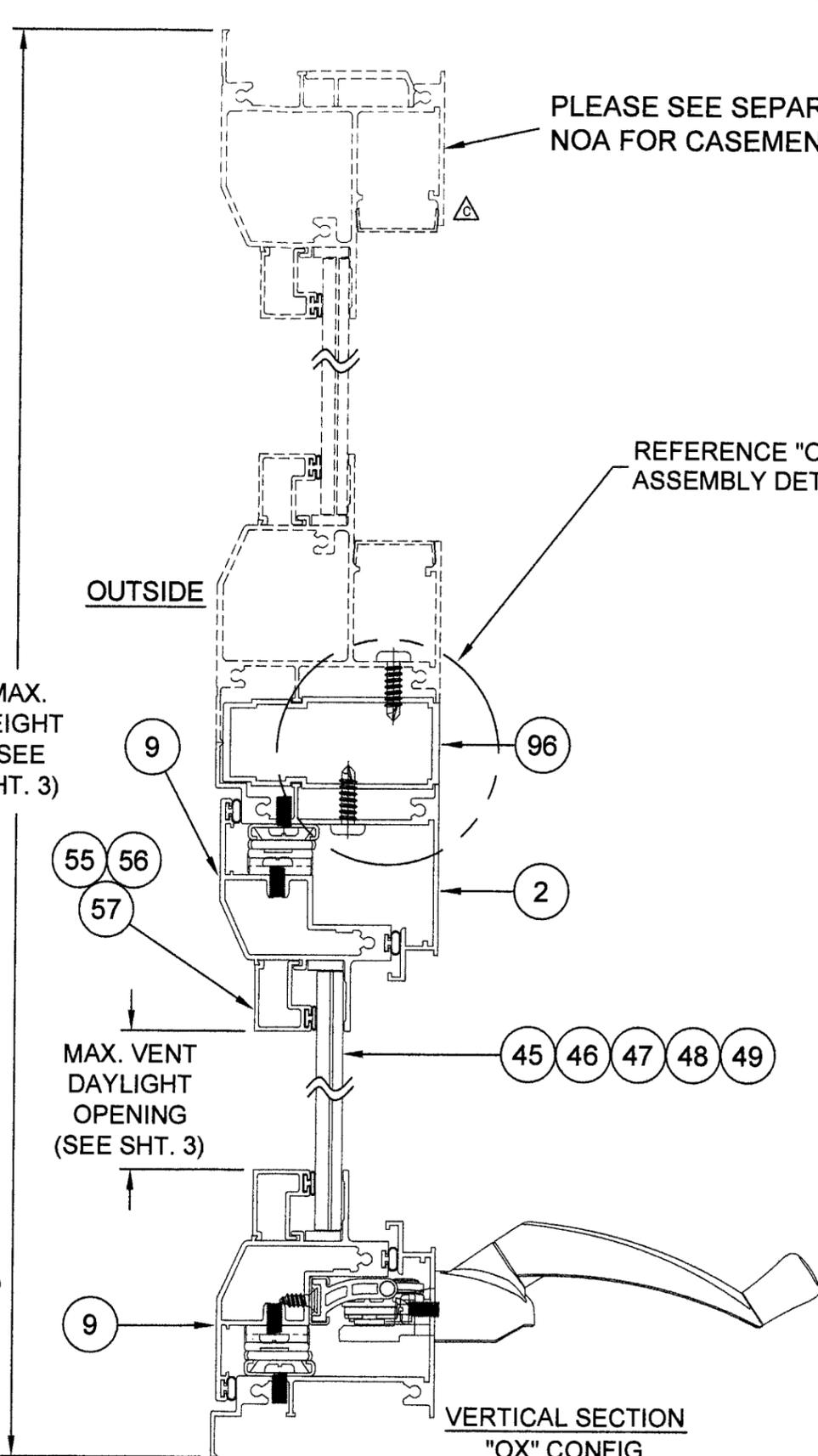
- NOTES:**
- FOR INSTALLATIONS IN WOOD OR CONCRETE TO THE FULL DESIGN PRESSURE IN THE ABOVE TABLE, USE ELCO 1/4" TAPCONS OR 1/4" SS4 CRETE-FLEX ANCHORS.
 - IF INSTALLING WITH #12 SCREWS, DESIGN PRESSURE IS LIMITED TO 79.9 P.S.F.

Revised By: F.K.	Date: 8/26/03	Revisions: A	NO CHANGE THIS SHEET	1070 TECHNOLOGY DRIVE NOKOMIS, FL 34275 P.O. BOX 1529 NOKOMIS, FL 34274	PGT Visibly Better	Description: DESIGN PRESSURES "OX" WINDOWS				
Revised By: F.K.	Date: 10/19/05	Revisions: B	REVISE ANCHORAGE AND NOTE			Title: ALUM. PROJECTED WINDOW, IMPACT				
Revised By: D.G.	Date: 09/02/08	Revisions: C	NO CHANGE THIS SHEET			Series/Model: CA-740	Scale: NTS	Sheet: 6 of 11	Drawing No. 7052-7	Rev: C
Drawn By: F.K.	Date: 02/24/03	Checked By:	Date:							

Lucas A. Turner, P.E.
 PE #58201
 Mechanical



VERTICAL SECTION
"X" CONFIG.



VERTICAL SECTION
"OX" CONFIG.

Revised By: F.K.	Date: 8/26/03	Revisions: A	REDRAW VERTICAL SECTIONS TO 1/2 SCALE
Revised By: F.K.	Date: 10/19/05	Revisions: B	ADD ITEM 89
Revised By: D.G.	Date: 09/02/08	Revisions: C	DASHED ALL "O" COMPONENTS, REMOVED "O" REFERENCES
Drawn By: F.K.	Date: 02/24/03	Checked By:	Date:

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

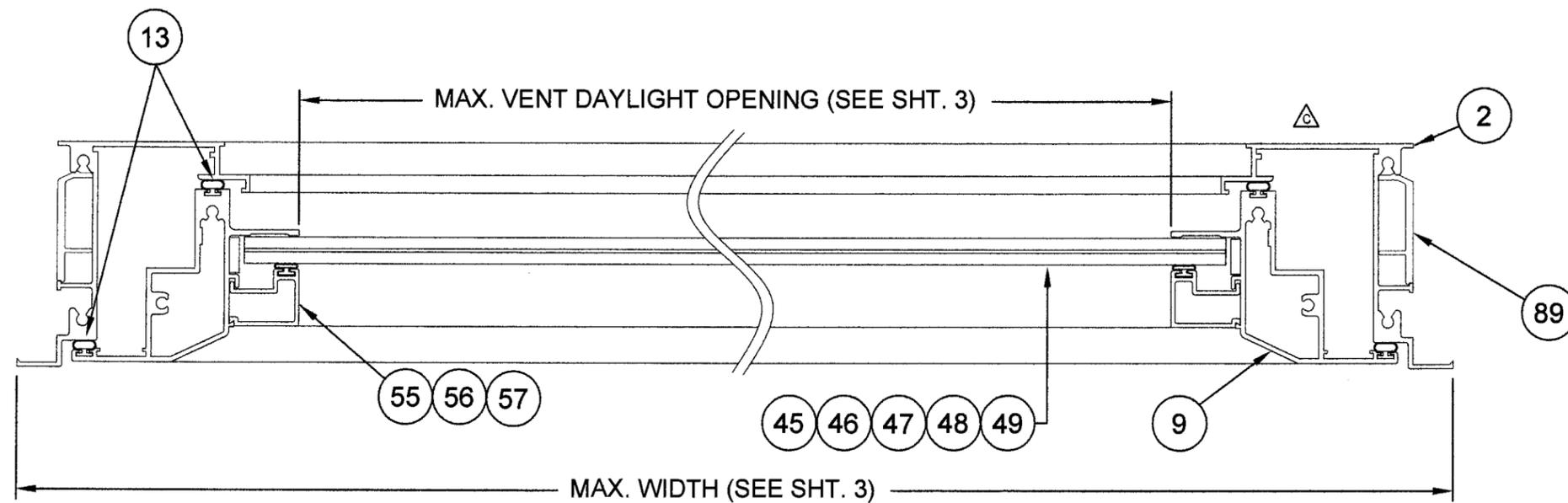


Description: VERTICAL SECTIONS			
Title: ALUM. PROJECTED WINDOW, IMPACT			
Series/Model: CA-740	Scale: NTS	Sheet: 7 of 11	Drawing No. 7052-7
			Rev: C

PRODUCT REVISED
to comply with the Florida
Building Code
Acceptance No. 08-0709.16
Expiration Date NOV. 6, 2013
By: *Manuel Perez*
Miami-Dade Product Control
Division

LZ
9/12/08

Lucas A. Turner, P.E.
PE #58201
Mechanical



**HORIZONTAL SECTION
THROUGH VENT**

PRODUCT REVISED
 as complying with the Florida
 Building Code
 Acceptance No. **DB-0709.16**
 Expiration Date **Nov. 6, 2013**
 By *Maurice Perez*
 National Product Control
 Division

LZ
 9/12/08

Revsd By: F.K.	Date: 8/26/03	Revisions: A	REDRAW HORIZONTAL SECTIONS TO 1/2 SCALE
Revsd By: F.K.	Date: 10/19/05	Revisions: B	ADD ITEM 89
Revsd By: D.G.	Date: 09/02/08	Revisions: C	DASHED ALL "O" COMPONENTS
Drawn By: F.K.	Date: 02/24/03	Checked By:	Date:

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



Description: HORIZONTAL SECTIONS			
Title: ALUM. PROJECTED WINDOW, IMPACT			
Series/Model: CA-740	Scale: NTS	Sheet: 8 of 11	Drawing No. 7052-7
			Rev: C

Lucas A. Turner, P.E.
 PE #58201
 Mechanical

PLEASE SEE SEPARATE MIAMI-DADE COUNTY NOA FOR CASEMENT FIXED WINDOW

NOTE: ALL ALUMINUM SHALL BE OF 6063-T6

97 #12x1 PH TEK SMS
13" MAX. O.C. W/
(2) SCREWS
3" APART AT
MID-SPAN

96 FRAME ASSEMBLY TUBE
MAT'L: 6063-T6

2 "X" FRAME HEAD

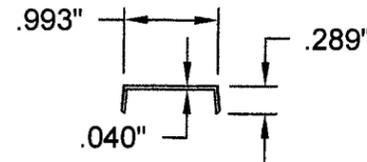
"OX" FRAME ASSEMBLY DETAIL

9 SASH FRAME
SIDE RAIL

5 #8x1 QUAD PH SMS
(2) PER CORNER

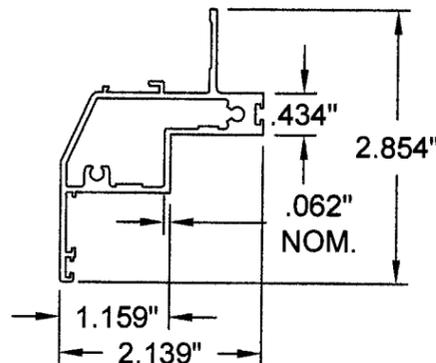
9 SASH FRAME TOP
OR BOTTOM RAIL

SASH FRAME ASSEMBLY DETAIL



94 INSTALLATION HOLE COVER

MAT'L: 6063-T6
DWG# 7007



9 SASH FRAME HEAD, SILL, JAMB

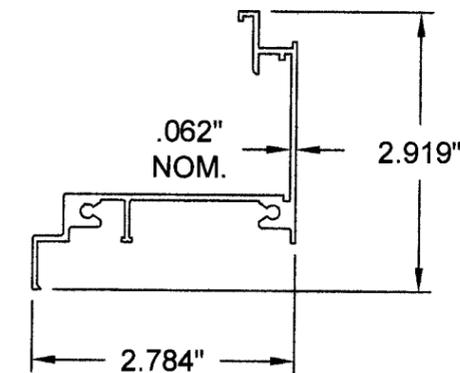
MAT'L: 6063-T6
DWG# 7003A

5 #8x1 QUAD PH SMS
(2) PER CORNER

2 FRAME JAMB

2 FRAME HEAD & SILL

MAIN FRAME ASSEMBLY DETAIL



2 FRAME HEAD, SILL, JAMB

MAT'L: 6063-T6
DWG# 7002A

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. **08-0709.16**
Expiration Date **NOV. 16, 2013**
By *Manuel Perez*
Miami Dade Product Control
Division

ZZ
9/2/08

Revsd By: F.K.	Date: 8/26/03	Revisions: A	NO CHANGE THIS SHEET
Revsd By: F.K.	Date: 10/19/05	Revisions: B	NO CHANGE THIS SHEET
Revsd By: D.G.	Date: 09/02/08	Revisions: C	REMOVED OR DASHED "O" COMPONENTS
Drawn By: F.K.	Date: 02/24/03	Checked By:	Date:

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



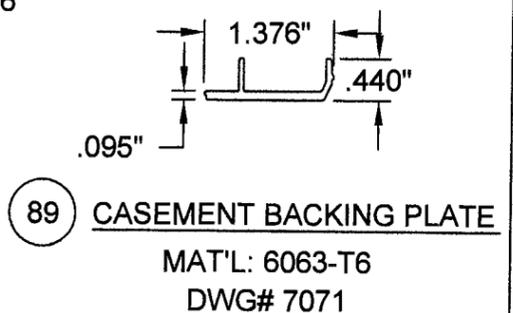
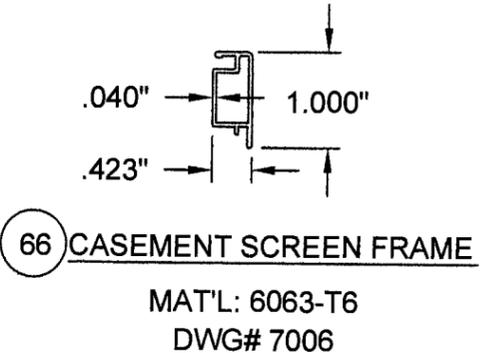
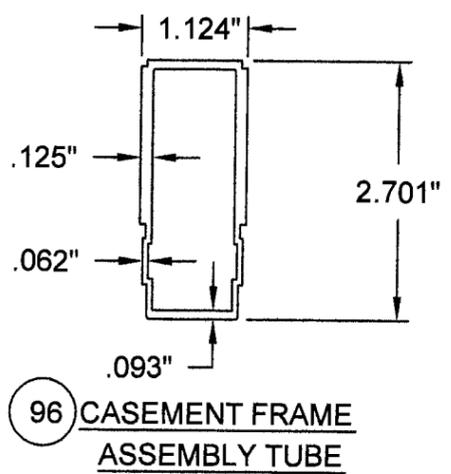
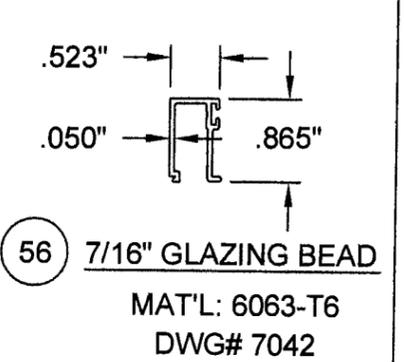
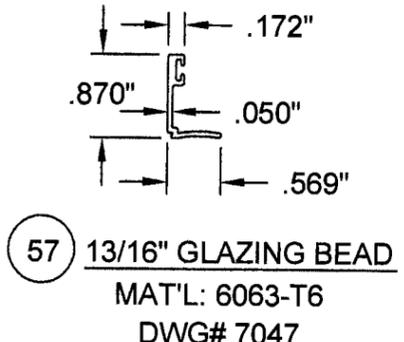
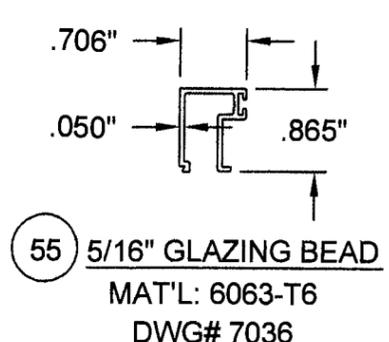
Description:
EXTRUSIONS & ASSEMBLY DETAILS

Title:
ALUM. PROJECTED WINDOW, IMPACT

Series/Model: CA-740	Scale: NTS	Sheet: 9 of 11	Drawing No. 7052-7	Rev: C
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Lucas A. Turner, P.E.
PE #58201
Mechanical

ITEM	DWG #	PGT. #	DESCRIPTION
2	7002	67002A	MAIN FRAME HEAD, SILL AND JAMB
5	1155	781PQA	#8 X 1 QUAD PN SMS
6	7008	7MC7008	FRAME CORNER KEY
7	7048	77048K	1/2"X1/2"X1/8" CLOSED-CELL FOAM TAPE
9	7003	67003A	SASH TOP, BOTTOM AND HINGED
5	1155	781PQA	#8 X 1 QUAD PN SMS
13	7017	67017K	BULB WEATHERSTRIP .187X.185
14	7009	7MC7009	SASH CORNER KEY
16	7024	7MC7024	TRUTH #24.30.XX.002, MAXIM MULTI- 2 POINT LOCK
17	7026	7MC7026	TRUTH #23050.92, LOCK SUPPORT PLATE
18		7MC1024PPF	TRUTH #19298, #10-24 X .562 PH. PN. TYPE F
20	7014	7MC7014 RH/LH	TRUTH #40928 & #40929, MULTI-LOCK KEEPER (R.H. & L.H.)
21	1157	78X12PPSMS	#8 X .500 PH. PN. SMS
23	7013	7MC7013	TRUTH #31841, TIE BAR GUIDE
24		78X1FPSMS	#8 X 1.00 FH. PH. SMS
25	7015	SEE CHART	TRUTH #11901.92 (14.9), TIE BAR ASSEMBLY
27	7029	7MC7029	TRUTH #51.02.32.011, MAXIM PROJECTED OPERATOR
28	7030	7MC7030	TRUTH #31882, OPERATOR GASKET
29	7031	7MC7031	TRUTH #21641, BACKING PLATE
30		7832X38PPMSA	#8-32 X .375 PH. PN. TYPE B
31		7MC7022	TRUTH #11454, SNAP-ON HANDLE
32	7034		TRUTH #11577, OPERATOR TRACK & SLIDER
33		78X78PPSMS	#8 X .750 PH. PN. SMS
35	7023	7MC7023	TRUTH #34.25.00.212, PROJECTED HINGE - 12"
36	7023-2	7MC702316	TRUTH #34.27.00.104, PROJECTED HINGE - 16"
37	7023-3	7MC702320	TRUTH #34.29.00.107, PROJECTED HINGE - 20"
38		710X12PPSMS	#10 X .500 PH. PHL.
40			SILICONE - DOW CORNING 899, 995 OR EQUIVALENT
45		5/16"	LAMINATED GLASS (1/8" ANN. & 1/8" HS GLASS W/ AN .090 INNER LAYER OF SOLUTIA OR DUPONT PVB)
46		5/16"	LAMINATED GLASS (2 LITES OF 1/8" HS GLASS W/ AN .090 INNER LAYER OF SOLUTIA OR DUPONT PVB)
47		7/16"	LAMINATED GLASS (3/16" ANN. & 3/16" HS GLASS W/ AN .090 INNER LAYER OF SOLUTIA OR DUPONT PVB)
48		7/16"	LAMINATED GLASS (2 LITES OF 3/16" HS GLASS W/ AN .090 INNER LAYER OF SOLUTIA OR DUPONT PVB)
49		13/16"	I.G. GLASS (1/8" HS GLASS & 5/16" LAMI W/ 3/8" AIR SPACE) 5/16" LAMINATED GLASS (2 LITES 1/8" HS GLASS WITH AN .090 INNER LAYER OF SOLUTIA OR DUPONT PVB)
50	1634	71634K	SETTING BLOCK 5/32" X 7/16" X 1" LG.
55	7036	67036	GLAZING BEAD (1/4, 5/16 LAM.)
56	7042	67042	GLAZING BEAD (1/2" I.G., 7/16 LAM.)
57	7047	67407	GLAZING BEAD (13/16" I.G.)
64	1224	6TP247	VINYL BULB WSTP (THICK)
66	7006	67006	SCREEN FRAME
68	7040	47040 W/B	SCREEN CORNER KEY
69			SCREEN CLOTH
70	1635	61635K	SCREEN SPLINE - SERRATED
71	331-A	60976	CASEMENT SCREEN CLIP
72	1157	78X12PSTW/B	#8 X .500 SQ. PN. TEK SMS
77		7MC30426	TRUTH #30476, CLERESTORY POLE
78		7MC20550	TRUTH #20550, CLERESTORY ADAPTER
79	7019	711573	TRUTH #11573, SNAP-ON T-HANDLE KNOB
80	7018	7FLDHD	TRUTH #11329, FOLDING HANDLE
89	7071	67071	CASEMENT BACKING PLATE (SEE NOTE 4, SHEET 11)



PRODUCT REVISED
to comply with the Florida
Building Code
Acceptance No. 08-0709.16
Expiration Date Nov. 6, 2013
By: *Marcel Perez*
Material Dept. Product Control
Division

LZ
9/12/08

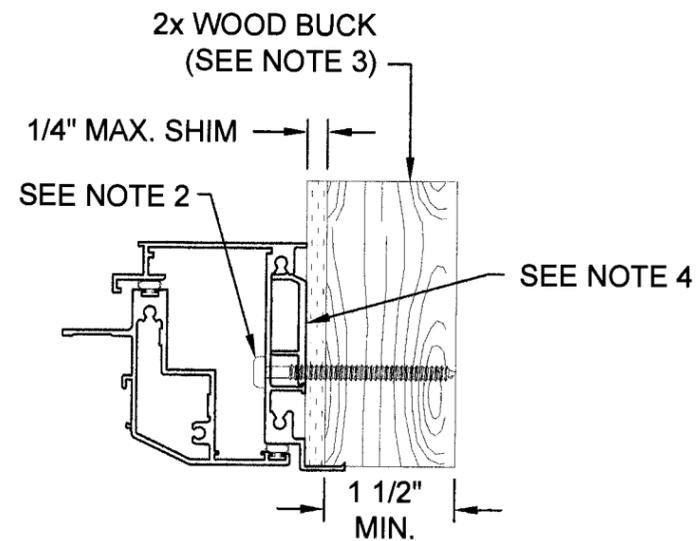
Revised By: F.K.	Date: 8/26/03	Revisions: A	NO CHANGE THIS SHEET
Revised By: F.K.	Date: 10/19/05	Revisions: B	ADD EQUIV. TO ITEM 40, SILICONE AND ADD ITEM 89
Revised By: D.G.	Date: 09/02/08	Revisions: C	REMOVE FIXED ("O") PARTS FROM B.O.M.
Drawn By: F.K.	Date: 02/24/03	Checked By:	Date:

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

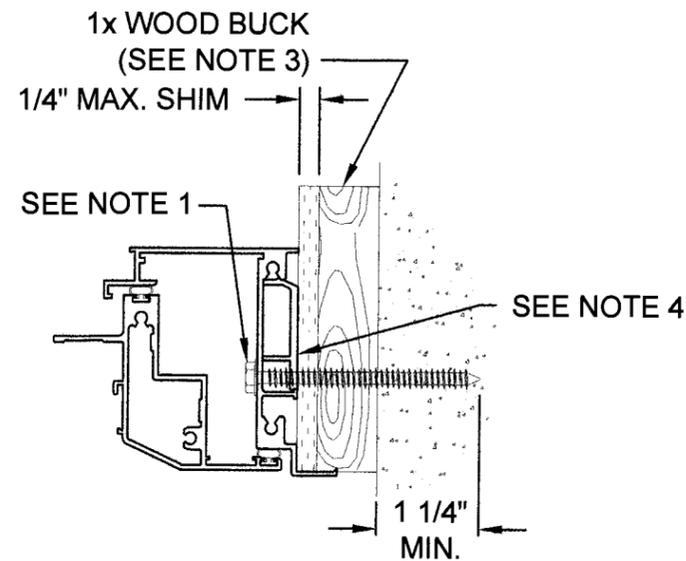


Description: PARTS LIST & EXTRUSIONS			
Title: ALUM. PROJECTED WINDOW, IMPACT			
Series/Model: CA-740	Scale: NTS	Sheet: 10 of 11	Drawing No. 7052-7
Rev: C			

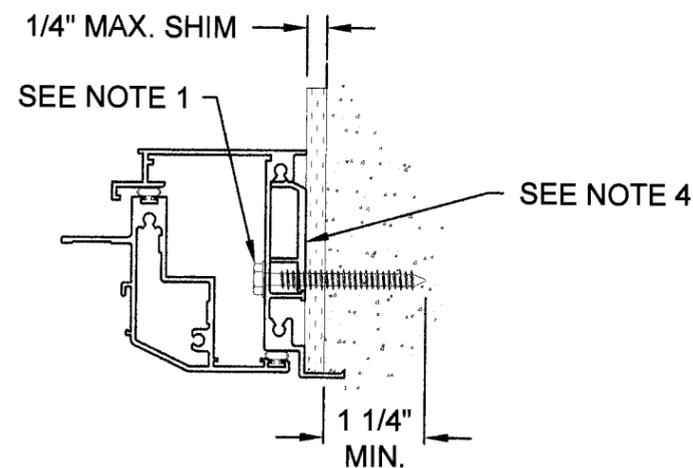
Lucas A. Turner, P.E.
PE #58201
Mechanical



OPERABLE UNIT FRAME
TO WOOD BUCK
1 1/2" OR MORE THICK



OPERABLE UNIT FRAME
TO CONCRETE W/ WOOD BUCK
LESS THAN 1 1/2" THICK



OPERABLE UNIT FRAME
TO CONCRETE

NOTE: ALL DETAILS
APPLY TO HEAD,
SILL, AND JAMB.

NOTES:

1. FOR CONCRETE APPLICATIONS IN MIAMI-DADE COUNTY, USE ONLY MIAMI-DADE COUNTY APPROVED 1/4" ELCO TAPCONS OR 1/4" SS4 CRETE-FLEX CONCRETE ANCHORS. MINIMUM DISTANCE FROM ANCHOR TO CONCRETE EDGE IS 2 1/2". SEE SHEET 1 FOR SPACING.
2. FOR WOOD APPLICATIONS IN MIAMI-DADE COUNTY, USE #12 SCREWS, 1/4" ELCO TAPCONS OR 1/4" ELCO SS4 CRETE-FLEX. SEE SHEET 1 FOR SPACING.
3. WOOD BUCKS DEPICTED IN THE SECTIONS ON THIS PAGE AS 1x ARE BUCKS WHOSE TOTAL THICKNESS IS LESS THAN 1 1/2". 1x WOOD BUCKS ARE OPTIONAL IF UNIT IS INSTALLED DIRECTLY TO SOLID CONCRETE. 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.
4. ITEM 89, BACKING PLATE, NOT REQUIRED FOR INSTALLATIONS OUTSIDE MIAMI-DADE COUNTY.

PRODUCT REVIEWED
in compliance with the Florida
Building Code
Approval No. 08-0709.16
Expiry on date NOV 6, 2013
By: *Marcos Perez*
Miami-Dade Product Control
Division

LL
9/12/08

Revised By: F.K.	Date: 8/26/03	Revisions: A	NO CHANGE THIS SHEET
Revised By: F.K.	Date: 10/19/05	Revisions: B	REVISE ANCHORAGE AND NOTES
Revised By: D.G.	Date: 09/02/08	Revisions: C	REMOVED ALL "O" ANCHORAGE DETAILS
Drawn By: F.K.	Date: 02/24/03	Checked By:	Date:

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



Description: ANCHORAGE DETAILS			
Title: ALUM. PROJECTED WINDOW, IMPACT			
Series/Model: CA-740	Scale: NTS	Sheet: 11 of 11	Drawing No. 7052-7
			Rev: C

Lucas A. Turner, P.E.
PE #58201
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