



MIAMI-DADE COUNTY, FLORIDA
 PRODUCT CONTROL SECTION
 11805 SW 26th Street, Room 208
 Miami, Florida 33175-2474
 T (786) 315-2590 F (786) 315-2599
www.miamidade.gov/economy

DEPARTMENT OF REGULATORY AND ECONOMIC RESOURCES (RER)
 BOARD AND CODE ADMINISTRATION DIVISION

NOTICE OF ACCEPTANCE (NOA)

Kawneer Company, Inc.
555 Guthridge Court
Norcross, GA 30092

SCOPE:

This NOA is being issued under the applicable rules and regulations governing the use of construction materials. The documentation submitted has been reviewed and accepted by Miami-Dade County RER – Product Control Section 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 Section (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. RER reserves the right to revoke this acceptance, if it is determined by Miami-Dade County Product Control Section 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 "8400TL" Thermal Broken Aluminum Horizontal Slider Window – L.M.I.

APPROVAL DOCUMENT: Drawing No. 1756, series titled "8400TL Sliding Glass Window (Large Missile Impact)", sheets 01 through 07 of 07, dated 06/13/2011 with the latest revision, dated 09/21/2011, prepared by W. W. Schaefer Engineering & Consulting, P. A., signed and sealed by Warren W. Schaefer, 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 Section.

MISSILE IMPACT RATING: Large Missile Impact Resistant.

LABELING: Each unit shall bear a permanent label with the manufacturer's name or logo, city, state, series 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 No. 11-0705.11 and consists of this page 1, evidence pages E-1 and E-2, as well as approval document mentioned above.

The submitted documentation was reviewed by **Jaime D. Gascon, P. E.**



J. Gascon
 7/22/14

NOA No. 14-0430.05
 Expiration Date: October 06, 2016
 Approval Date: July 31, 2014
 Page 1

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

A. DRAWINGS

1. Manufacturer's die drawings and sections.
(Submitted under previous NOA No. 11-0705.11)
2. Drawing No. 1756, series titled "8400TL Sliding Glass Window (Large Missile Impact)", sheets 01 through 07 of 07, dated 06/13/2011 with the latest revision, dated 09/23/2011, prepared by W. W. Schaefer Engineering & Consulting, P. A., signed and sealed by Warren W. Schaefer, P. E.
(Submitted under previous NOA No. 11-0705.11)

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) Large Missile Impact Test per FBC, TAS 201-94
 - 5) Cyclic Wind Pressure Loading per FBC, TAS 203-94
 - 6) Forced Entry Test, Type "A" horizontal sliding window, Grade 10, per FBC 2411 3.2.1, TAS 202-94 and per ASTM F 588-04along with marked-up drawings and installation diagram of horizontal sliding window, prepared by Hurricane Test Laboratory, LLC, Test Report No. **HTL G049-0801-10**, dated 06/15/11, signed and sealed by Vinu J. Abraham, P. E.
(Submitted under previous NOA No. 11-0705.11)

C. CALCULATIONS

1. Anchor verification calculations and structural analysis, complying with FBC, prepared by W. W. Schaefer Engineering & Consulting, P. A., dated 06/21/2011, signed, sealed and dated 09/21/2011 by Warren W. Schaefer, P. E.
(Submitted under previous NOA No. 11-0705.11)
2. Glazing complies with ASTM E1300-04/ 09

D. QUALITY ASSURANCE

1. Miami-Dade Department of Regulatory and Economic Resources (RER).

E. MATERIAL CERTIFICATIONS

1. Notice of Acceptance No. 11-0624.02 issued to E.I. DuPont DeNemours & Co., Inc. for their "DuPont Sentry Glass® Interlayer" dated 05/26/10, expiring on 01/14/12.
2. Notice of Acceptance No. 12-1231.08 issued to Eastman Chemical Company (MA) for their "Saflex CP – Saflex and Saflex HP Composite Glass Interlayers with PET Core" dated 03/28/13, expiring on 12/11/18.



Jaime D. Gascon, P. E.
Product Control Section Supervisor
NOA No. 14-0430.05
Expiration Date: October 06, 2016
Approval Date: July 31, 2014

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

E. MATERIAL CERTIFICATIONS (CONTINUED)

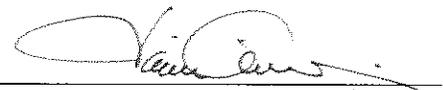
3. Notice of Acceptance No. **12-1231.09** issued to **Eastman Chemical Company (MA)** for their "**Saflex HP Clear or Color Glass Interlayers**" dated 03/28/13, expiring on 04/14/18.
4. TREMCO Part No. **TR-14271E** EPDM exterior glazing gasket complying with ASTM C864 Option II exceptions, ASTM D412 1600 PSI, D395B 22 HRS 158°F.

F. STATEMENTS

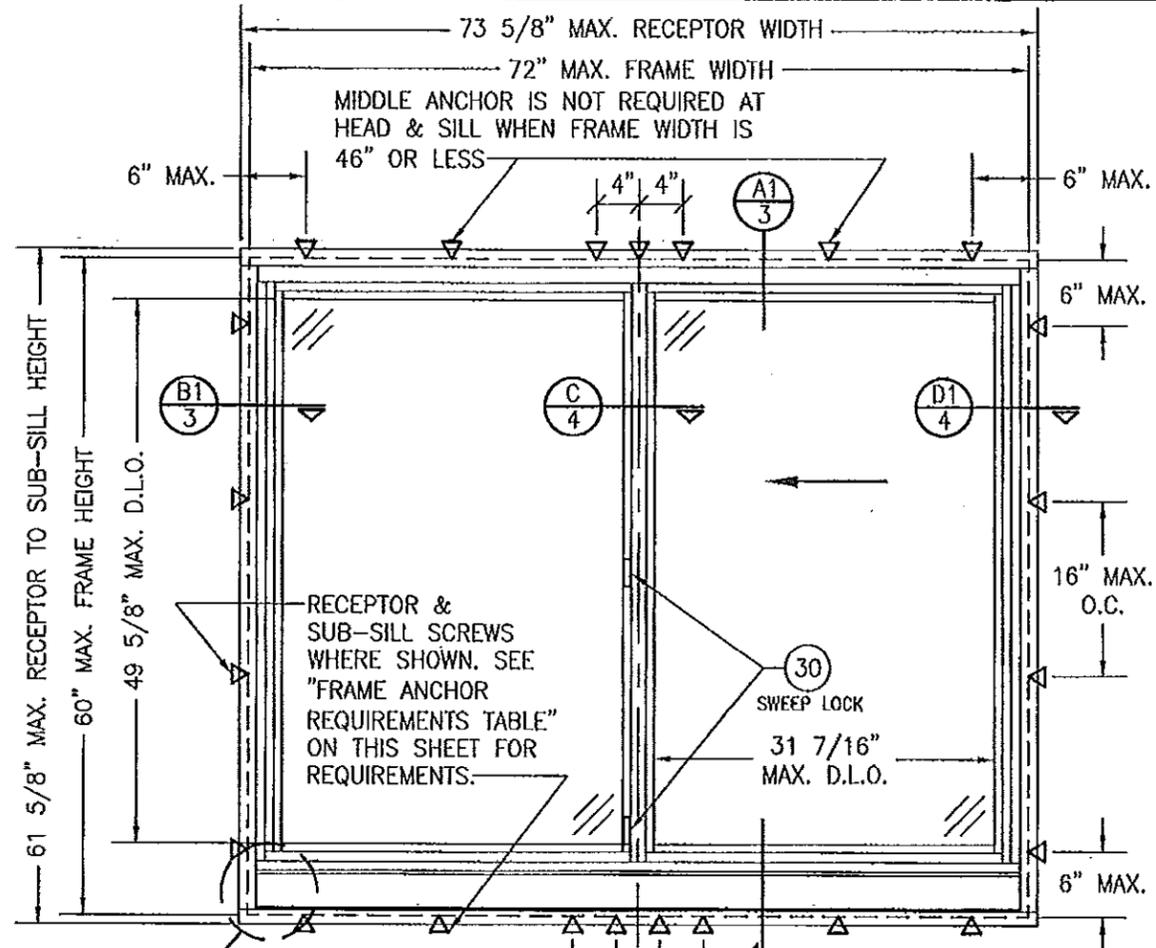
1. Statement letter of conformance to and compliance with the **FBC 5th Edition (2014)**, prepared by W. W. Schaefer Engineering & Consulting, P. A., dated 04/14/14, signed and sealed by Warren W. Schaefer, P. E.
2. Statement letter of conformance to and compliance with the **FBC-2010**, dated 09/21/11, signed and sealed by Warren W. Schaefer, P. E.
(Submitted under previous NOA No. 11-0705.11)
3. Statement letters of independence, no financial interest, conformance and compliance with the **FBC-2007**, dated 06/29/11, signed and sealed by Warren W. Schaefer, P. E.
(Submitted under previous NOA No. 11-0705.11)
4. Laboratory compliance letter for Test Report No. **HTL G049-0801-10**, issued by Hurricane Test Laboratory, LLC, dated 06/15/11, signed and sealed by Vinu J. Abraham, P. E.
(Submitted under previous NOA No. 11-0705.11)

G. OTHERS

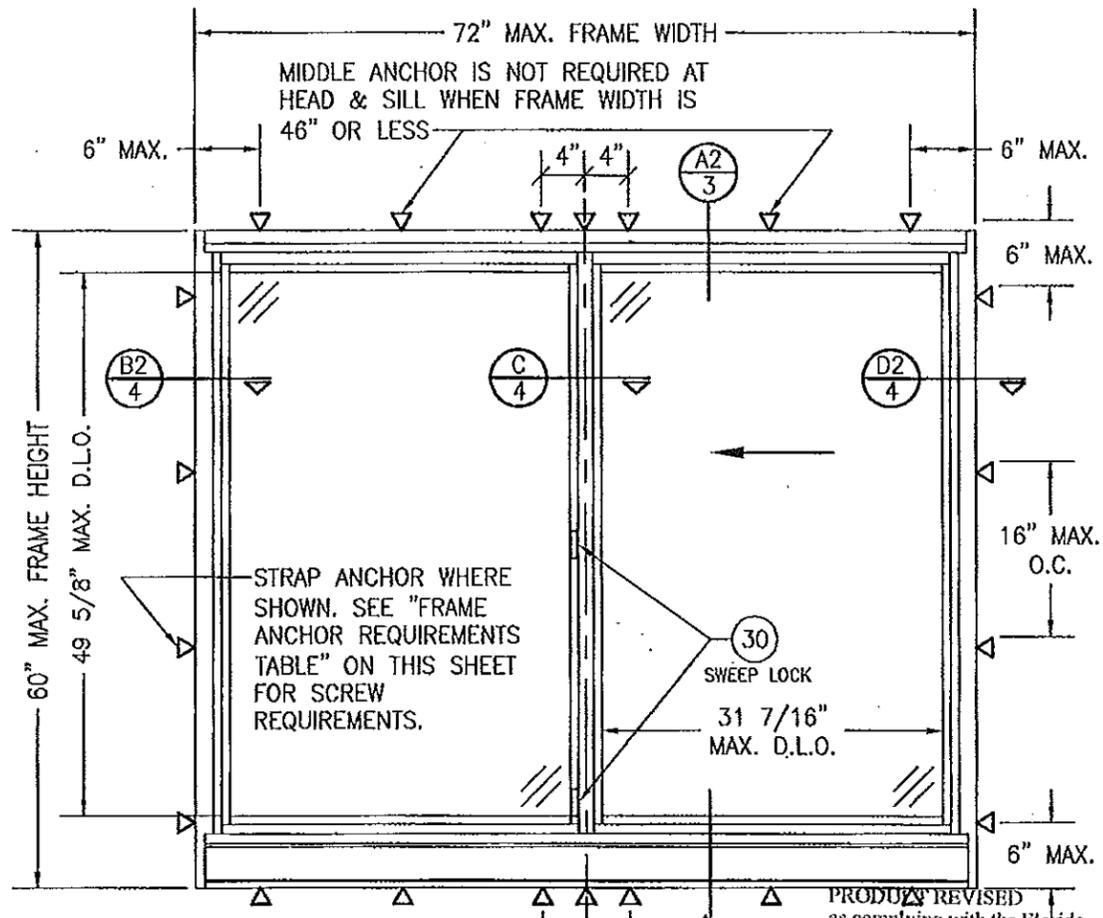
1. Notice of Acceptance No. **11-0705.11**, issued to Kawneer Company, Inc. for their Series "**8400TL Aluminum Horizontal Sliding Window - L.M.I.**", approved on 10/06/11 and expiring on 10/06/16.



Jaime D. Gascon, P. E.
Product Control Section Supervisor
NOA No. 14-0430.05
Expiration Date: October 06, 2016
Approval Date: July 31, 2014



**EXTERIOR ELEVATION:
INDIVIDUAL WINDOW
(RECEPTOR MOUNT CONDITION)**
SCALE: 3/4" = 1'-0"
(OX SHOWN, XO ALSO APPLIES)



**EXTERIOR ELEVATION:
INDIVIDUAL WINDOW
(STRAP ANCHOR MOUNT CONDITION)**
SCALE: 3/4" = 1'-0"
(OX SHOWN, XO ALSO APPLIES)

**ALLOWABLE DESIGN PRESSURE
(SINGLE & MULLED WINDOWS)**
+/-90 PSF

PRODUCT REVISED as complying with the Florida Building Code Acceptance No. 14-0430-02 Expiration Date 12/06/2016
By: [Signature] Miami Dade Product Control

CORNER CONSTRUCTION:

FRAME HEAD: VERTICAL MEMBERS ARE COPED, BUTTED AND JOINED TO THE HEAD MEMBER WITH 2 NO. 8 X 1 1/4" PH TORX FASTENERS AND SEALED WITH TREMCO-TREMSIL 600 SEALANT.
FRAME SILL: VERTICAL MEMBERS ARE COPED, BUTTED AND JOINED TO THE SILL MEMBER WITH 4 NO. 8 X 1 1/4" PH TORX FASTENERS AND SEALED WITH TREMCO-TREMSIL 600 SEALANT.
SASH: VERTICAL MEMBERS ARE NOTCHED WHILE THE HORIZONTAL MEMBERS ARE SQUARE CUT, JOINED TO THE VERTICAL MEMBERS WITH A SASH CAM & 2 NO. 8 X 1 1/4" PH TORX FASTENERS AND SEALED WITH TREMCO-TREMSIL 600 SEALANT.

GENERAL NOTES:

1. THESE WINDOW SYSTEMS HAVE BEEN TESTED, ANALYZED & APPROVED FOR DESIGN PRESSURES NOT TO EXCEED THOSE SHOWN IN THE "ALLOWABLE DESIGN PRESSURE TABLE(S)".
2. OPENINGS, BUCKING & BUCKING FASTENERS MUST BE PROPERLY DESIGNED & INSTALLED TO TRANSFER WIND LOADS TO THE STRUCTURE.
3. ALL HARDWARE & FASTENERS SHALL BE IN ACCORDANCE WITH THESE DRAWINGS & SHALL NOT VARY UNLESS SPECIFICALLY MENTIONED ON THE DRAWINGS. SPECIFIED ANCHOR EMBED TO BASE MATERIAL SHALL BE BEYOND WALL FINISH OR STUCCO.
4. THE DETAILS & SPECIFICATIONS SHOWN HEREIN REPRESENT THE PRODUCTS TESTED & PROPOSED FOR WATER, AIR, IMPACT, CYCLIC & UNIFORM STATIC AIR PRESSURE TESTING IN CONFORMANCE WITH THE FLORIDA BUILDING CODE PROTOCOLS TAS-201, 202 & 203 FOR LARGE MISSILE IMPACT WINDOWS.
5. THESE WINDOW SYSTEMS HAVE BEEN DESIGNED IN ACCORDANCE WITH AND MEET THE REQUIREMENTS OF THE FLORIDA BUILDING CODE (FBC) INCLUDING HIGH VELOCITY HURRICANE ZONES (HVHZ).
6. IMPACT SHUTTERS ARE NOT REQUIRED WITH THESE WINDOWS.
7. ALL ANCHORS SECURING WINDOW FRAME TO PRESSURE TREATED BUCKS OR WOOD FRAMING SHALL BE CAPABLE OF RESISTING CORROSION CAUSED BY THE PRESSURE TREATING CHEMICALS IN THE WOOD.
8. DETERMINE THE POSITIVE & NEGATIVE DESIGN LOADS TO USE WHEN REFERENCING THESE DOCUMENTS IN ACCORDANCE WITH THE GOVERNING CODE AND GOVERNING WIND VELOCITY. FOR WIND LOAD CALCULATIONS IN ACCORDANCE WITH THE FLORIDA BUILDING CODE, A DIRECTIONALITY FACTOR OF $K_d = 0.85$ MAY BE APPLIED PER THE ASCE-7 STANDARD.
9. NO INCREASE IN ALLOWABLE STRESS HAS BEEN USED IN THE CERTIFICATION OF THIS PRODUCT. WIND LOAD DURATION FACTOR $C_d = 1.6$ WAS USED FOR WOOD SCREW ANALYSIS ONLY.
10. MATERIALS, INCLUDING BUT NOT LIMITED TO STEEL SCREWS, THAT COME INTO CONTACT WITH OTHER DISSIMILAR MATERIALS SHALL MEET THE REQUIREMENTS OF FLORIDA BUILDING CODE CHAPTER 20.

ANCHOR REQUIREMENTS TABLE

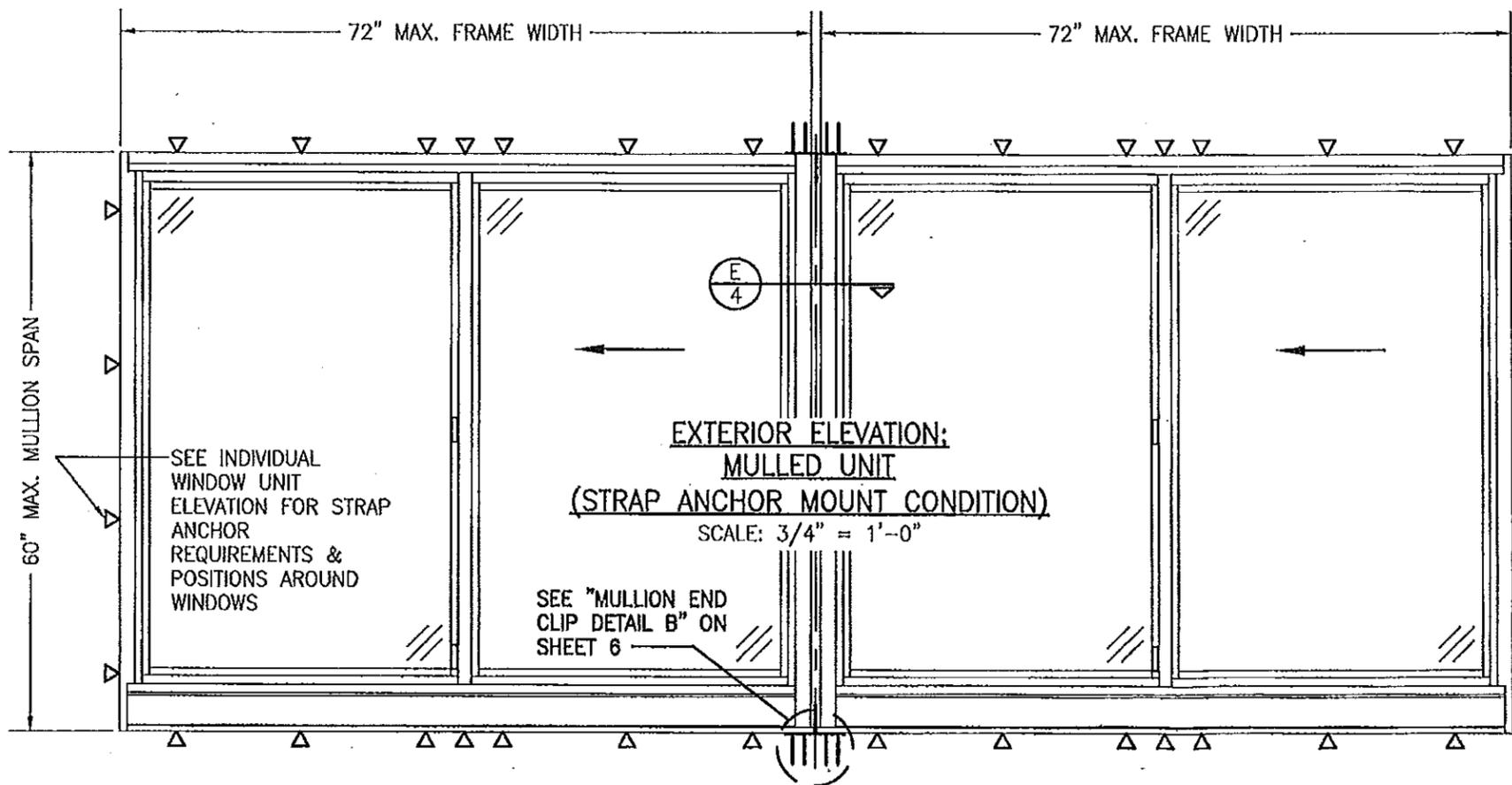
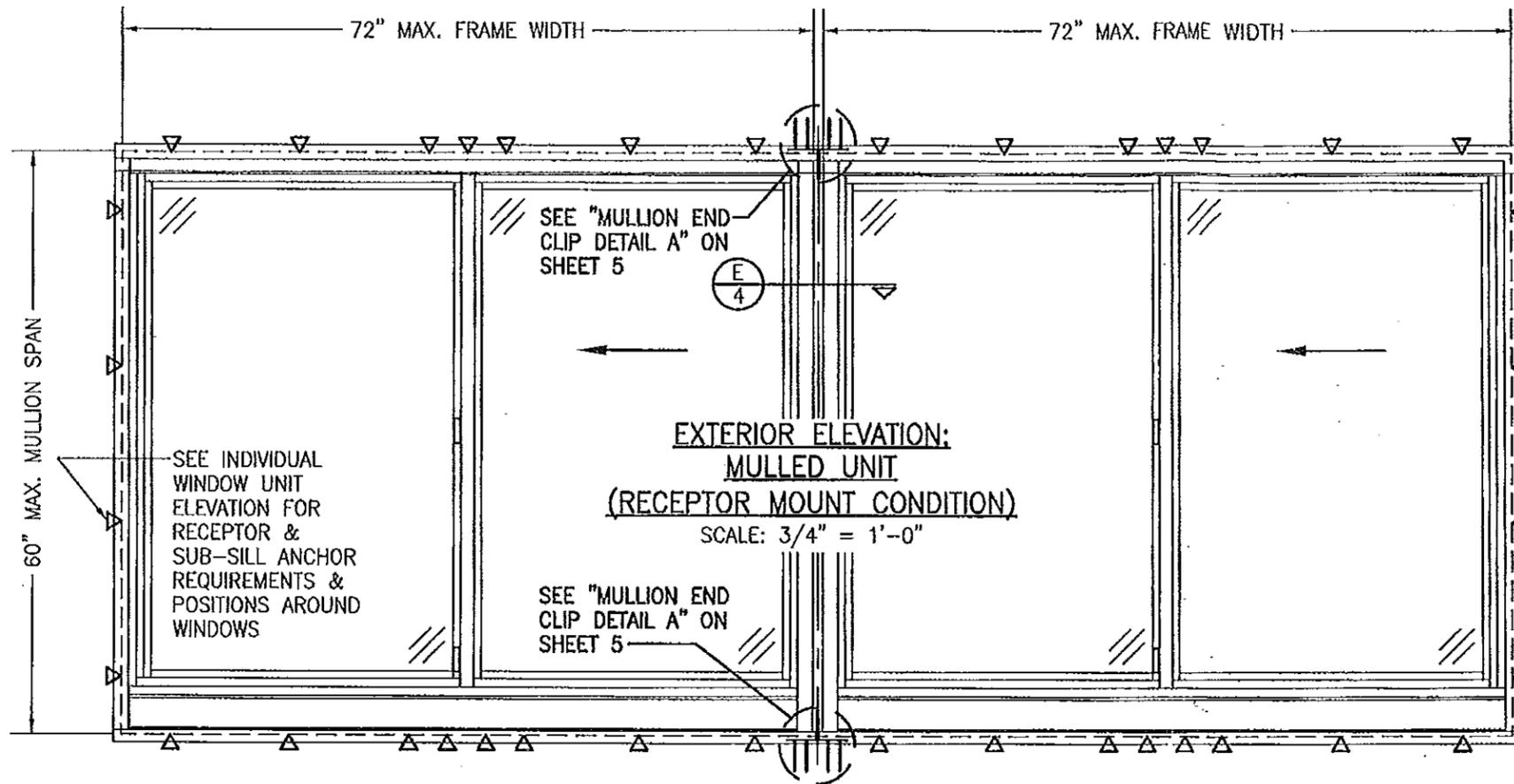
OPENING TYPE (SUBSTRATE)	FRAME TO OPENING FASTENER TYPE	MINIMUM EMBED	MINIMUM EDGE DIST.
RECEPTOR, SUB-SILL, STRAP ANCHOR & MULLION CLIP SCREWS			
MIN. 2X4 WOOD FRAME OR BUCK (MIN. GR. 3 & G=0.55)	NO. 14 SMS OR WOOD SCREW	1 1/4"	3/4"
MIN. 18 GA. 33 KSI METAL STUD	1/4" GR. 5 SELF TAP/DRILL SCREW	FULL	1/2"
MIN. 1/8" THK A36 STEEL	1/4" GR. 5 SELF TAP/DRILL SCREW	FULL	1/2"
MIN. 0.100" THK 6063-T6 ALUM.	1/4" GR. 5 SELF TAP/DRILL SCREW	FULL	1/2"
(2) MIN. C-90 CMU	(1) 1/4" CONCRETE SCREW	1 1/4"	2"
MIN. 3000 PSI CONCRETE	(1) 1/4" CONCRETE SCREW	1 1/2"	2"

(1) CONCRETE SCREWS SHALL BE ELCO ULTRACONS, ELCO CRETE-FLEX, ITW RAMSET/RED HEAD TAPCONS OR HILTI KWIK-CON II (HARDENED STEEL OR S.S.).
(2) CMU IS NOT APPLICABLE AT HEAD & SILL.

Approved as complying with the Florida Building Code
Date 10/06/2011
NOA# 11-0705-11
Miami Dade Product Control
By: [Signature]



DRAWN BY: W.R.M.	CHECKED BY: W.W.S.
PLOT: 1-18	DATE: 08/13/11
DATE	BY
REVISION DESCRIPTION	NO.
DRAWING TITLE 8400TL SLIDING GLASS WINDOW (LARGE MISSILE IMPACT)	
MANUFACTURER KAWNEER COMPANY, INC. 555 GUTHRIE COURT NORCROSS, GA 30092 770-449-5555	
CONSULTANTS W. W. SCHAEFER ENGINEERING & CONSULTING, P.A. (CA 6809) 7480 150TH COURT NORTH PALM BEACH GARDENS, FL 33418 PHONE: 561-744-3424	
CERTIFICATION	REV.
1756	
SHEET NO.	1 OF 7



MULLED UNIT NOTES:

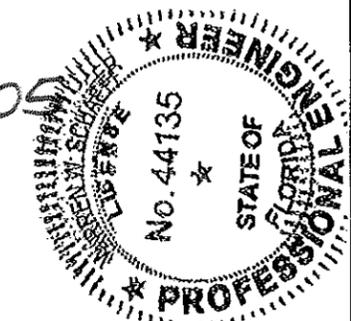
1. FOR ALL DETAIL NOT SHOWN, SEE INDIVIDUAL WINDOW ELEVATIONS.
2. THERE IS NO LIMIT ON THE NUMBER OF WINDOWS THAT MAY BE COMBINED IN ONE DIRECTION INTO ONE OPENING PROVIDING THE OPENING IS DESIGNED TO SUPPORT ALL LOADS TRANSFERRED FROM THE WINDOWS & THEIR MULLIONS.
3. SUB-SILL & HEAD RECEPTOR RUN CONTINUOUS ACROSS MULLION JOINTS.

PRODUCT REVISED
as complying with the Florida
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Acceptance No. 14-0430.05
Expiration Date 10/06/2016

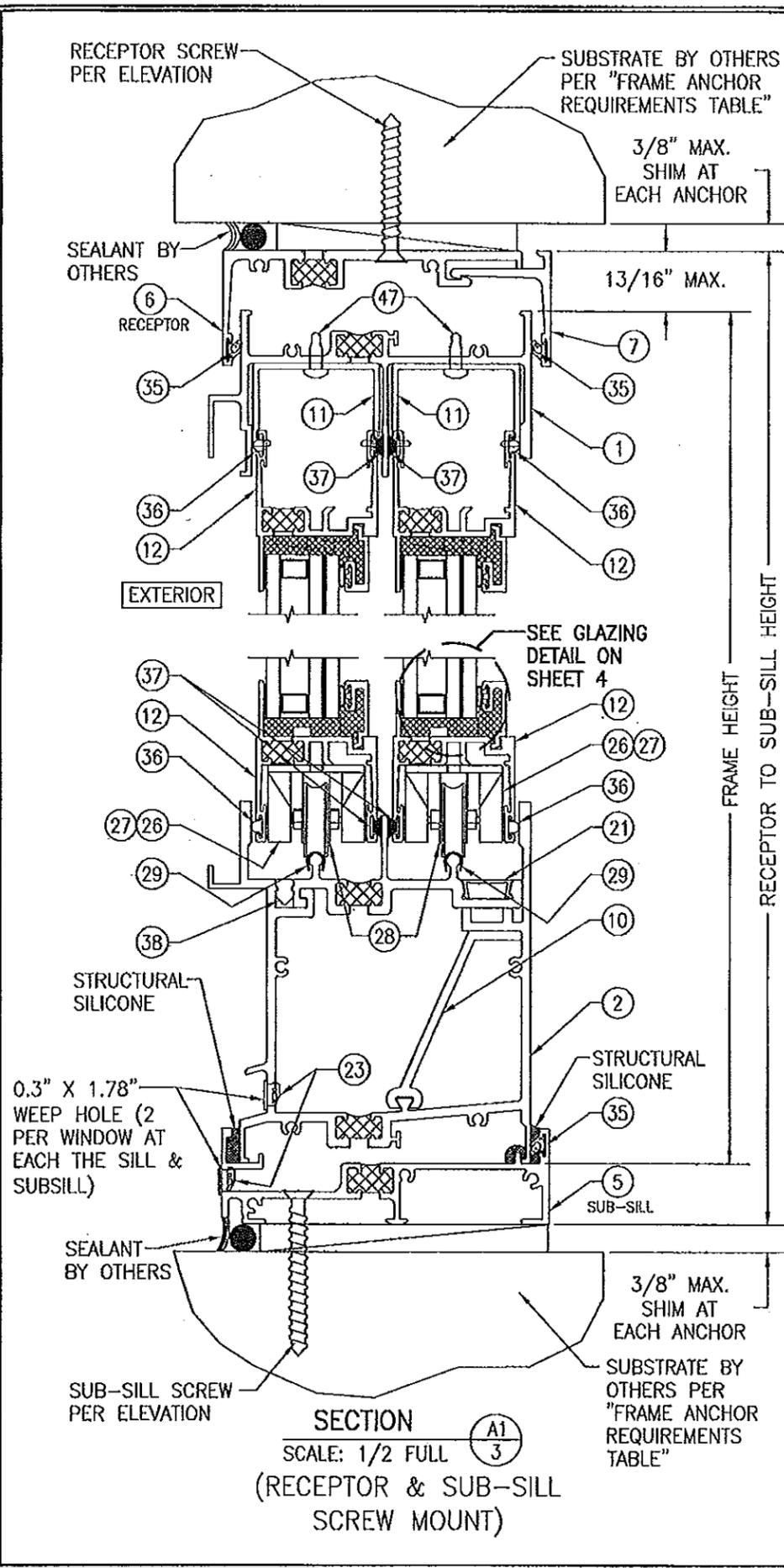
By *[Signature]*
Miami Dade Product Control

Approved as complying with the
Florida Building Code
Date 10/06/2011
NOA# 11-8705.11
Miami Dade Product Control

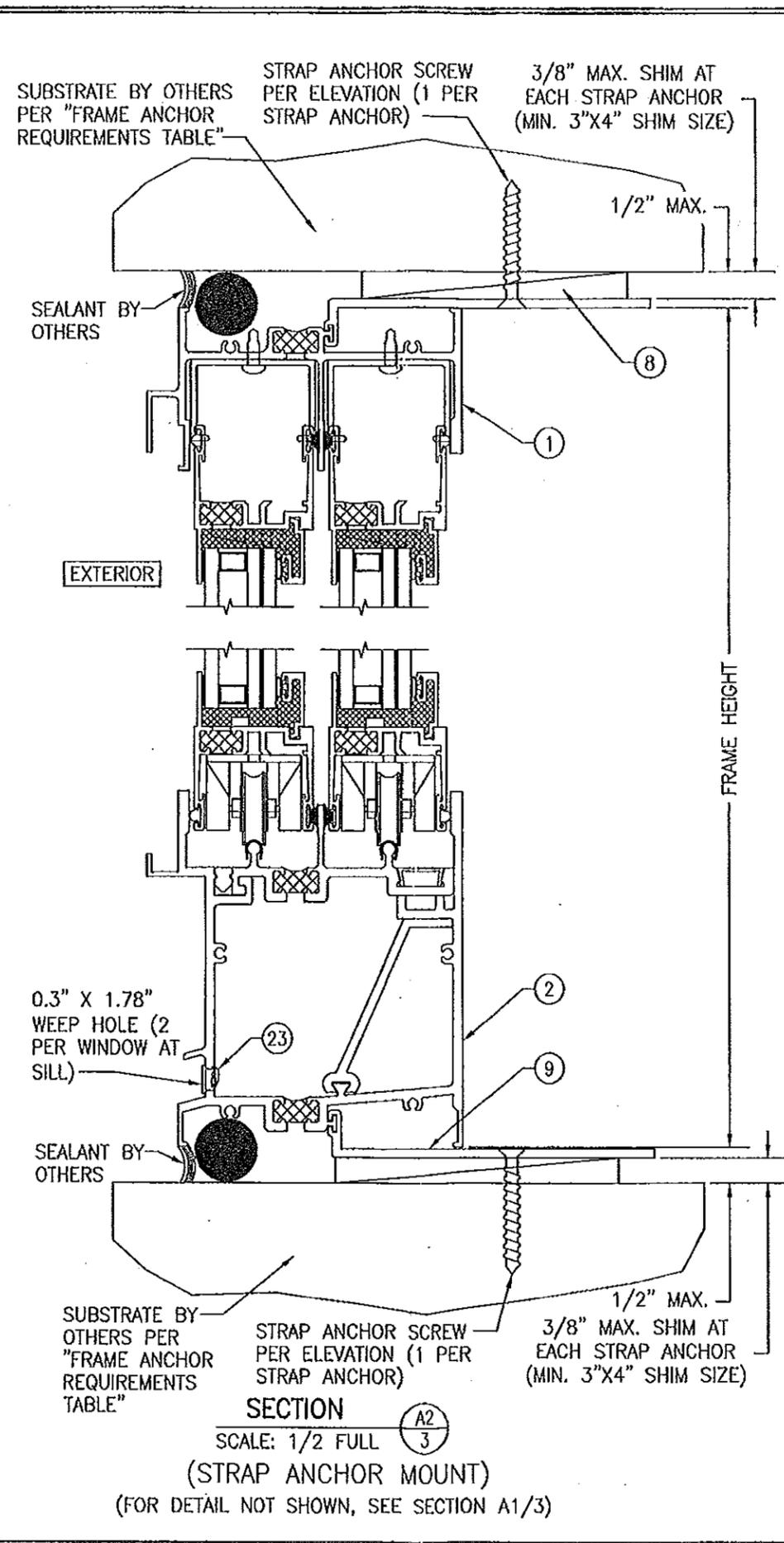
By *[Signature]*



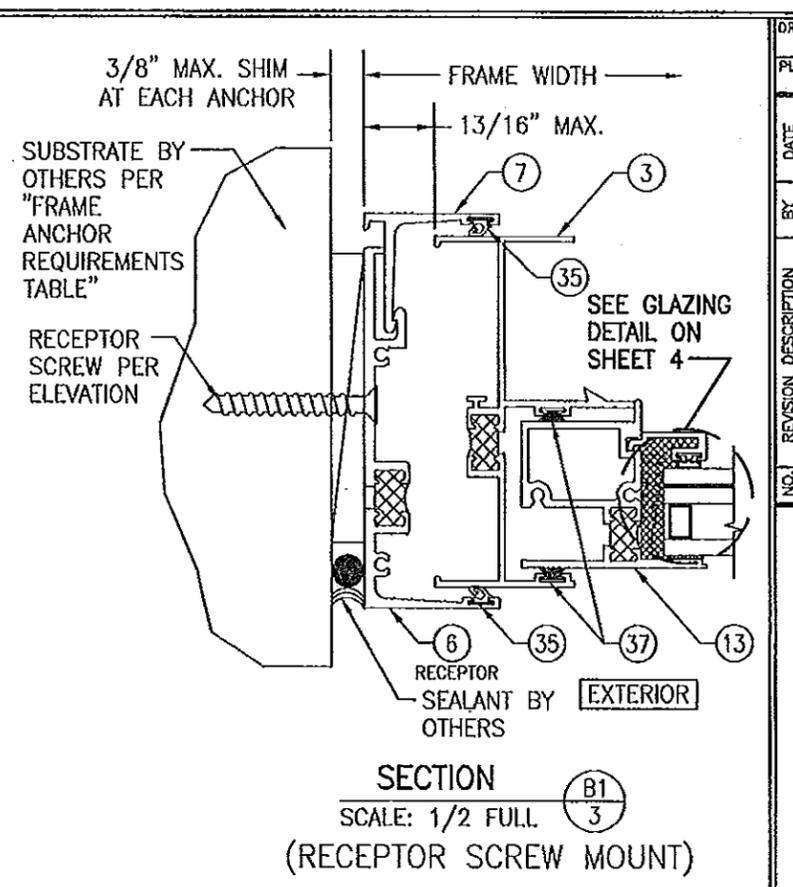
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PLOT: 1-16	DATE: 08/13/11
NO.	DATE
BY	
REVISION DESCRIPTION	
DRAWING TITLE 8400TL SLIDING GLASS WINDOW (LARGE MISSILE IMPACT)	
MANUFACTURER KAWNEER COMPANY, INC. 555 GUTHRIE COURT NORCROSS, GA 30092 770-449-5555	CONSULTANTS W. W. SCHAEFER ENGINEERING & CONSULTING, P.A. (CA 6809) 7480 150TH COURT NORTH PALM BEACH GARDENS, FL 33418 PHONE: 561-744-3424
CERTIFICATION SEP 21 2011 W. W. SCHAEFER, P.E. P.E. NO. 44135	DRAWING NO. 1756 REV.
	SHEET NO. 2 OF 7



SECTION A1
SCALE: 1/2 FULL
(RECEPTOR & SUB-SILL SCREW MOUNT)



SECTION A2
SCALE: 1/2 FULL
(STRAP ANCHOR MOUNT)
(FOR DETAIL NOT SHOWN, SEE SECTION A1/3)



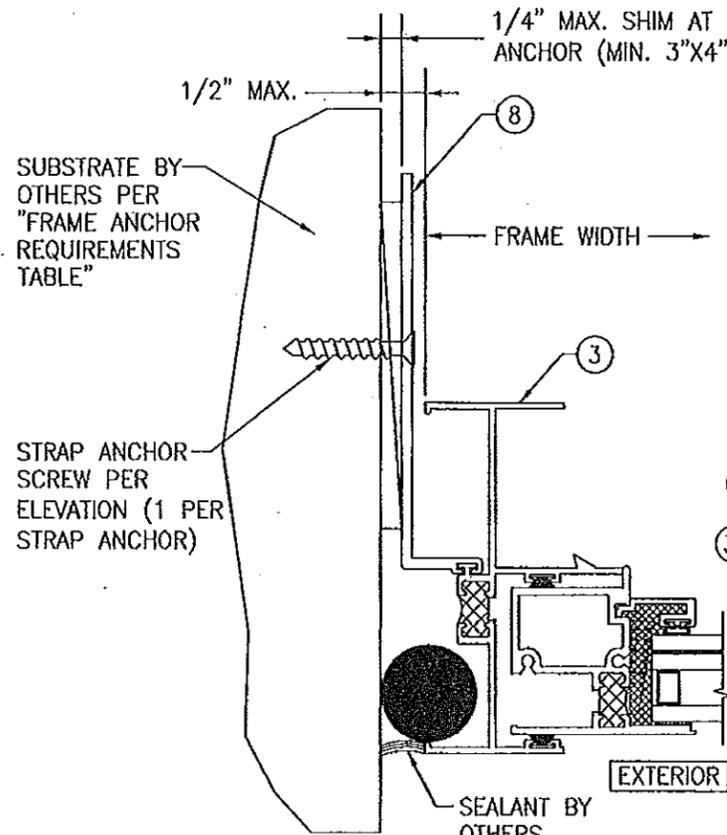
SECTION B1
SCALE: 1/2 FULL
(RECEPTOR SCREW MOUNT)

PRODUCT REVISED as complying with the Florida Building Code
Acceptance No. 14-0430.05
Expiration Date 12/06/2016
By *[Signature]*
Miami Dade Product Control

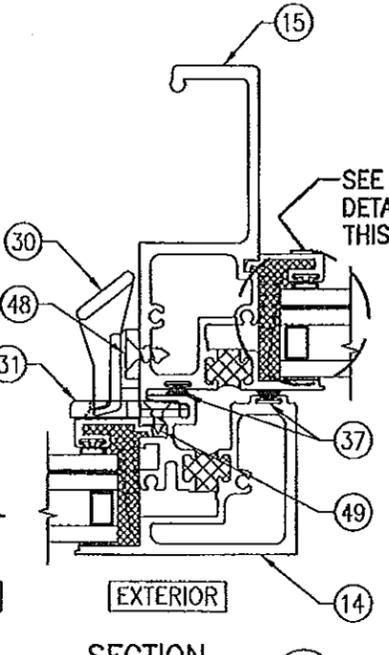
Approved as complying with the Florida Building Code
Date 10/06/2011
NOA# 11-0765.11
Miami Dade Product Control
By *[Signature]*



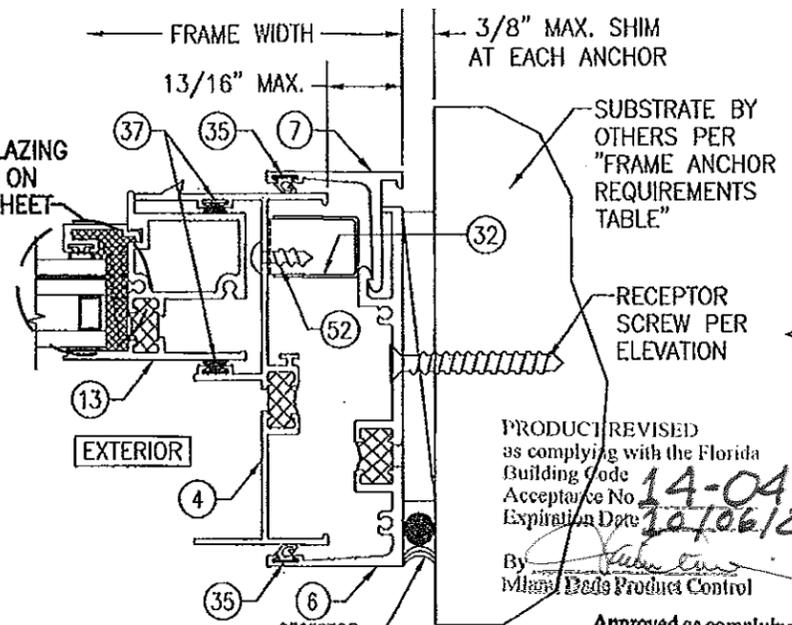
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PLOT: 1-2	DATE: 08/13/11
NO.	REVISION DESCRIPTION
DATE	BY
DESCRIPTION	
DRAWING TITLE 8400TL SLIDING GLASS WINDOW (LARGE MISSILE IMPACT)	
MANUFACTURER KAWNEER COMPANY, INC. 555 GUTHRIDGE COURT NORCROSS, GA 30092 770-449-5555	
CONSULTANTS W. W. SCHAEFER ENGINEERING & CONSULTING, P.A. (CA 6809) 7480 150TH COURT NORTH PALM BEACH GARDENS, FL 33418 PHONE: 561-744-5424	
CERTIFICATION SEP 21 2011 WARREN W. SCHAEFER, P.E. P.E. NO. 44135	
DRAWING NO. 1756	REV.
SHEET NO. 3	OF 7



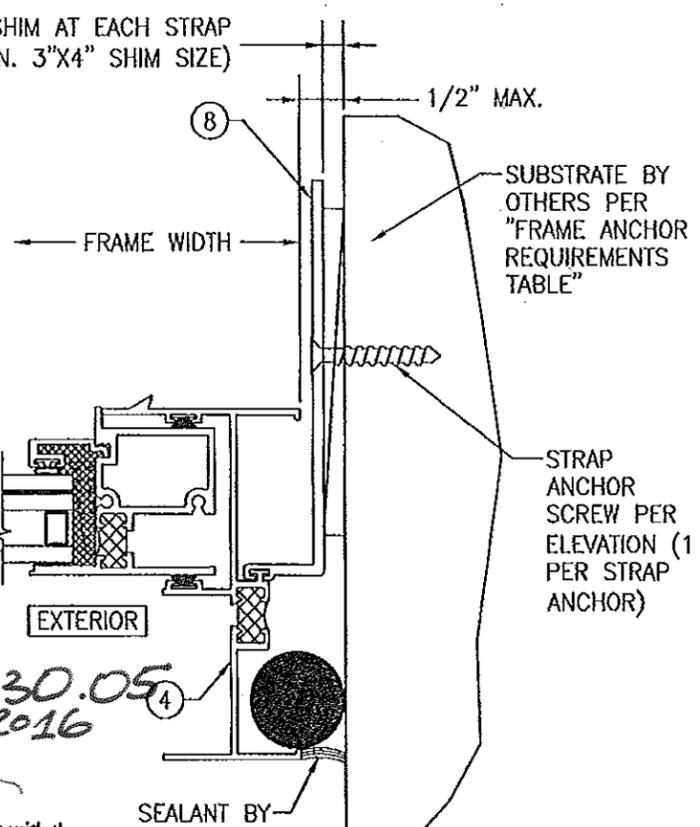
SECTION B2
SCALE: 1/2 FULL
(STRAP ANCHOR MOUNT)
(FOR DETAIL NOT SHOWN, SEE SECTION B1/3)



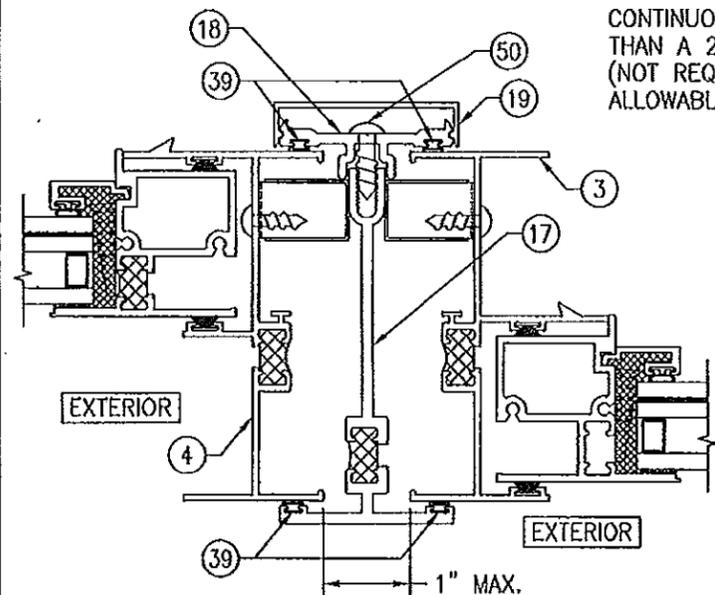
SECTION C
SCALE: 1/2 FULL



SECTION D1
SCALE: 1/2 FULL
(RECEPTOR SCREW MOUNT)

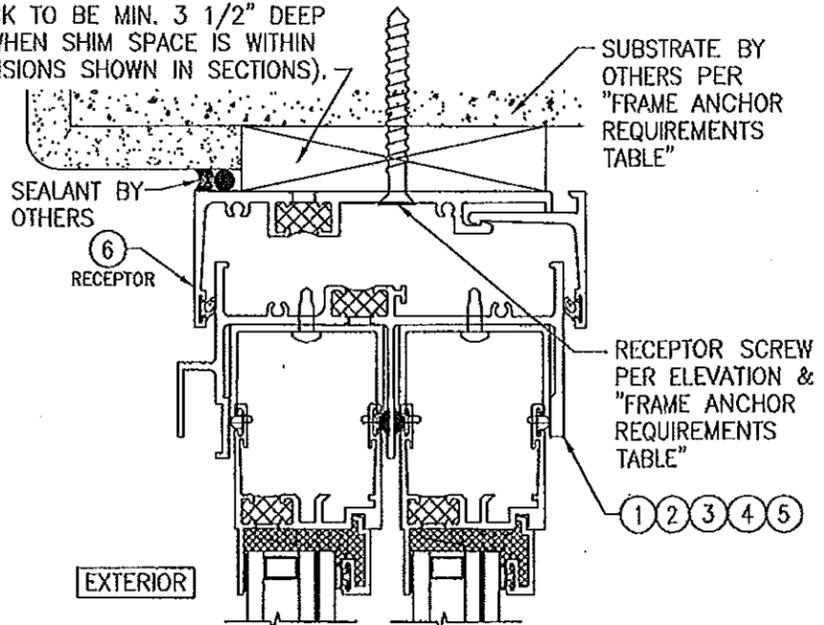


SECTION D2
SCALE: 1/2 FULL
(STRAP ANCHOR MOUNT)
(FOR DETAIL NOT SHOWN, SEE SECTION D1/4)

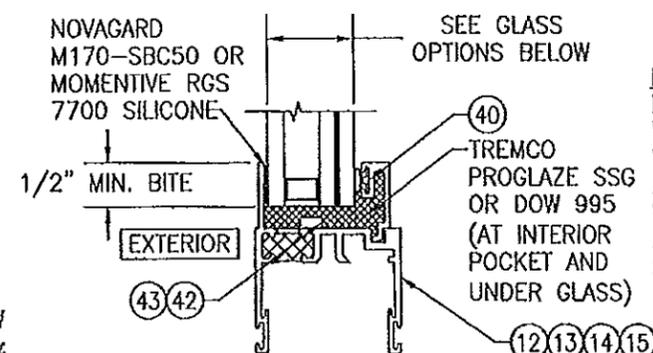


SECTION E
SCALE: 1/2 FULL
(FOR DETAIL NOT SHOWN, SEE OTHER SECTIONS)

CONTINUOUS WOOD MEMBER LESS IN THICKNESS THAN A 2X₄ BUCK TO BE MIN. 3 1/2" DEEP (NOT REQUIRED WHEN SHIM SPACE IS WITHIN ALLOWABLE DIMENSIONS SHOWN IN SECTIONS).



OPTIONAL DIRECT MOUNT DETAIL TO SUBSTRATE WITH SPACER
(HEAD SECTION SHOWN; SILL & SIDES ARE INSTALLED THE SAME)
(FOR DETAIL NOT SHOWN, SEE OTHER SECTIONS)



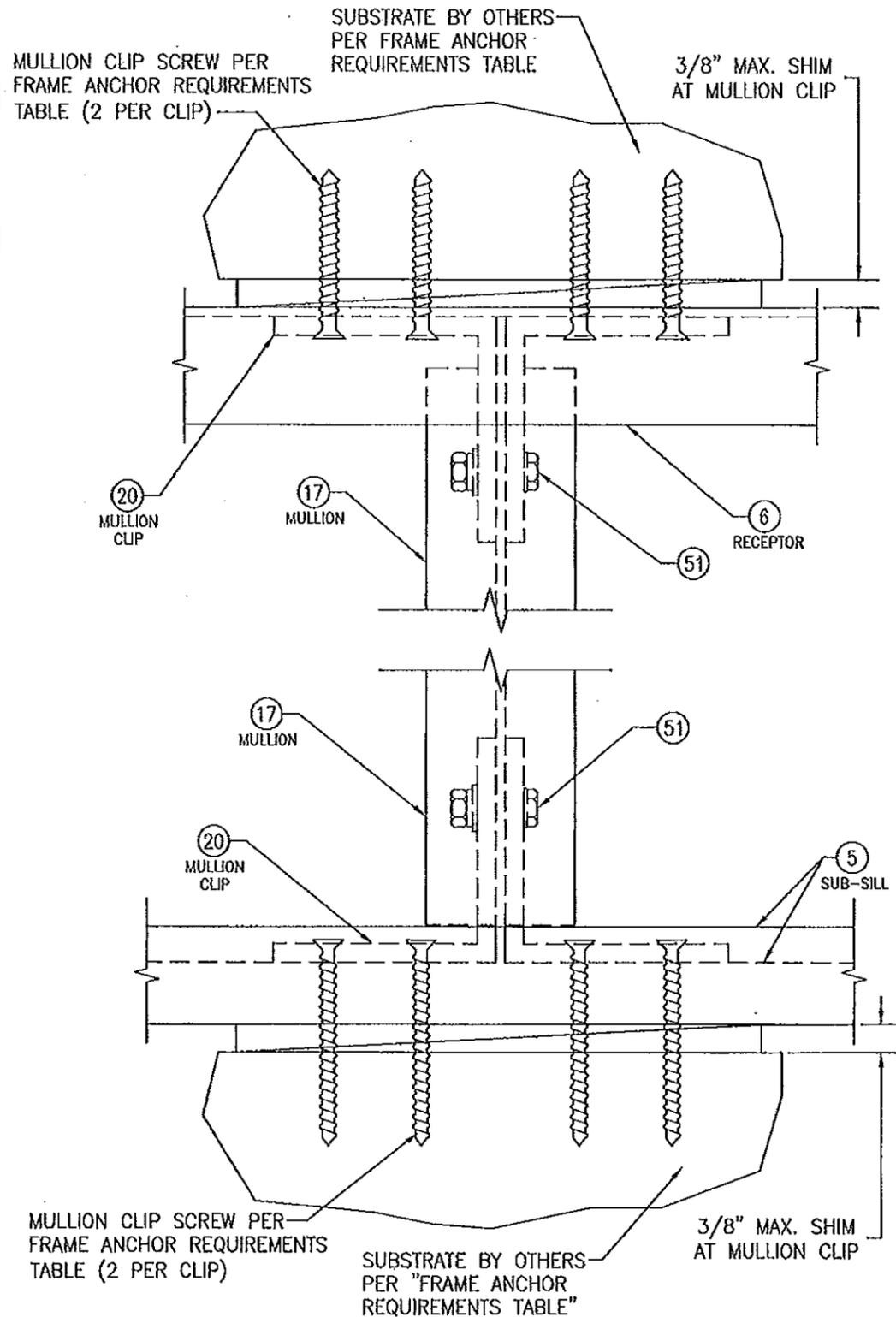
GLASS OPTIONS:
OPTION 1: 1" THICK I.G. GLASS (3/16 HT. ST. EXTERIOR; 3/8" SPACER; 3/16" HT. ST./0.075 SOLUTIA VANCEVA/3/16" HT. ST. INTERIOR)
OPTION 2: 1" THICK I.G. GLASS (3/16 HT. ST. EXTERIOR; 3/8" SPACER; 3/16" HT. ST./0.09 DUPONT SG/3/16" HT. ST. INTERIOR)
OPTION 3: 1" THICK I.G. GLASS (3/16 HT. ST. EXTERIOR; 3/8" SPACER; 3/16" HT. ST./0.100 SOLUTIA SAFLEX HP/3/16" HT. ST. INTERIOR)

NOTE: WINDOW MAY NOT BE INSTALLED IN A LOCATION WHERE THE SILL HEIGHT OF WINDOW EXCEEDS 30 FT. ABOVE GRADE UNLESS WINDOW IS PROTECTED BY AN APPROVED IMPACT SHUTTER.



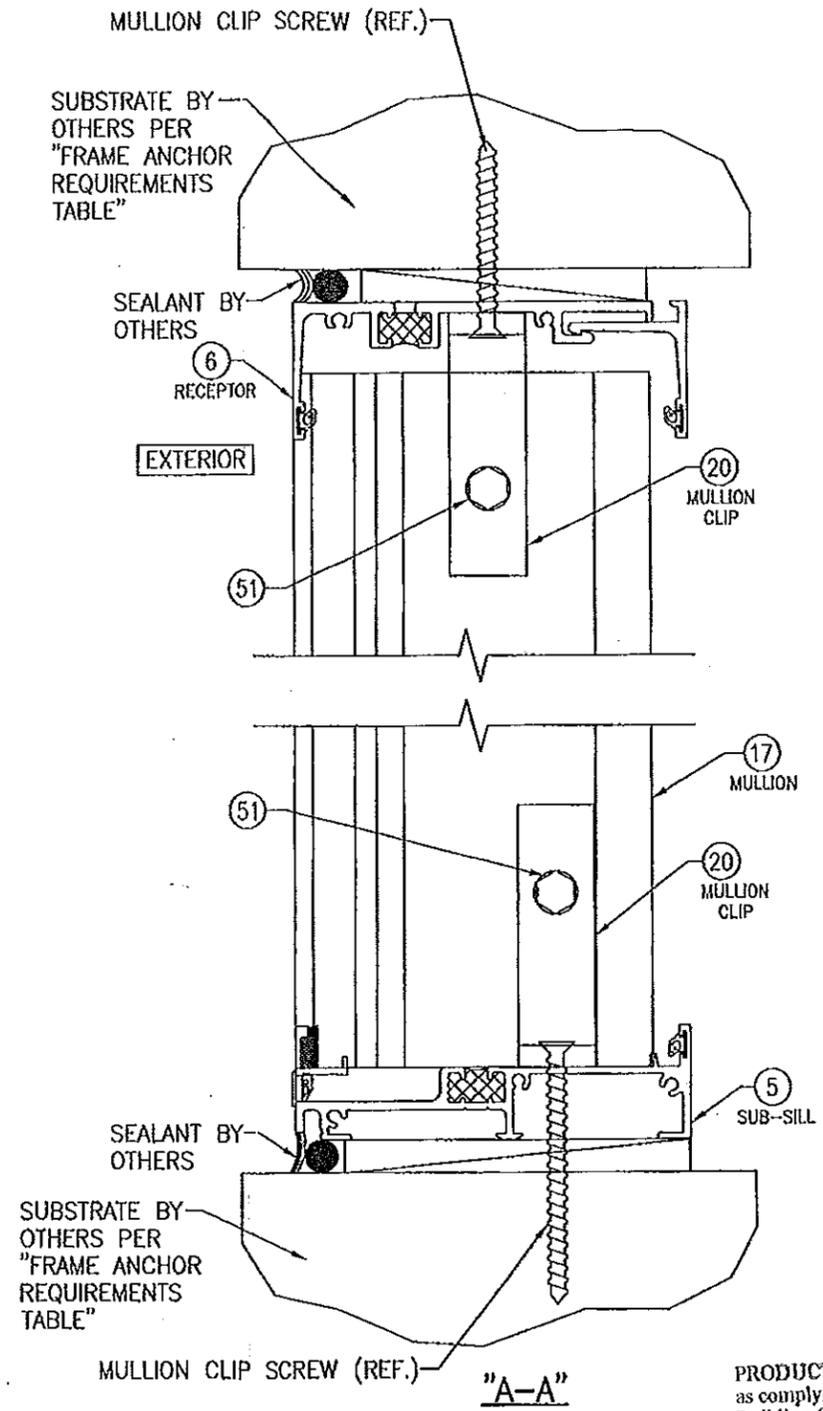
PRODUCT REVISED as complying with the Florida Building Code
 Acceptance No. 14-0430.05
 Expiration Date 10/06/2016
 By [Signature]
 Miami Dade Product Control
 Approved as complying with the Florida Building Code
 Date 10/06/2011
 NOA# 11-0705.11
 By [Signature]
 Miami Dade Product Control

DRAWN BY: W.R.M.	CHECKED BY: W.W.S.
PLOT: 1-2	DATE: 08/13/11
DATE	
BY	
REVISION DESCRIPTION	
NO.	
DRAWING TITLE 8400TL SLIDING GLASS WINDOW (LARGE MISSILE IMPACT)	
MANUFACTURER KAWNEER COMPANY, INC. 555 GUTHRIDGE COURT NORCROSS, GA 30092 770-449-5555	
CONSULTANTS W. W. SCHAEFER ENGINEERING & CONSULTING, P.A. (CA 6809) 7480 150TH COURT NORTH PALM BEACH GARDENS, FL 33418 PHONE: 561-744-3424	
CERTIFICATION	SEP 21 2011 WARREN W. SCHAEFER, P.E. P.E. NO. 44135
DRAWING NO. 1756	REV.
SHEET NO. 4	OF 7



MULLION END CLIP DETAIL A
 (FOR DETAIL NOT SHOWN, SEE OTHER SECTIONS)
 (WINDOW COMPONENTS NOT SHOWN FOR CLARITY)

A



PRODUCT REVISED
 as complying with the Florida
 Building Code
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 Expiration Date 10/06/2016
 By *[Signature]*
 Miami Dade Product Control

Approved as complying with the
 Florida Building Code
 Date 10/06/2011
 NOA# 11-0705.11
 Miami Dade Product Control
 By *[Signature]*



DRAWN BY: W.R.U.	CHECKED BY: W.W.S.
PLOT: 1-2	DATE: 08/13/11
NO.	DATE
REVISION DESCRIPTION	BY

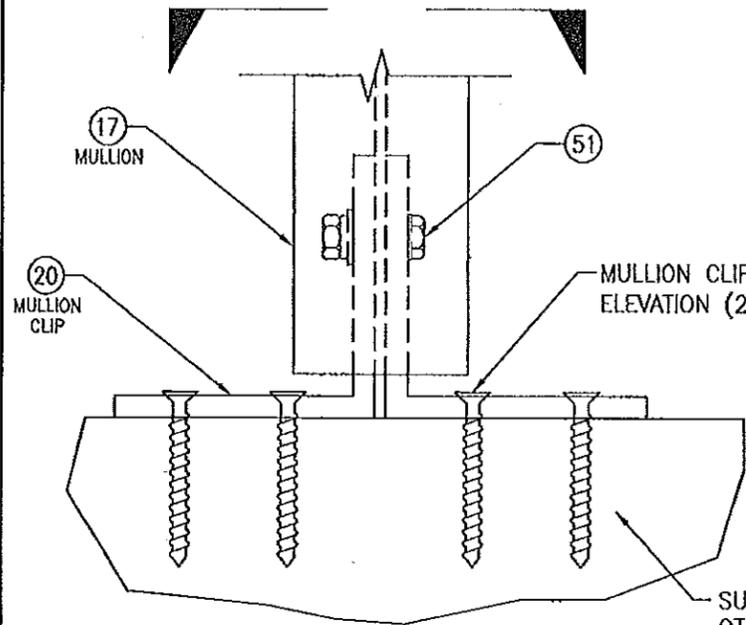
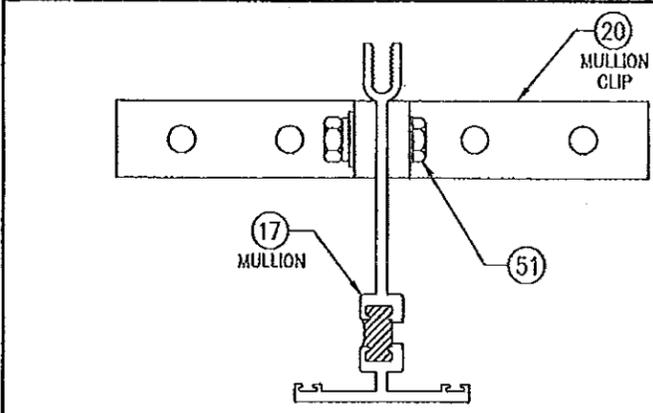
DRAWING TITLE
8400TL SLIDING GLASS WINDOW (LARGE MISSILE IMPACT)

MANUFACTURER
KAWNEER COMPANY, INC.
 555 GUTHRIDGE COURT
 NORCROSS, GA 30092
 770-449-5555

CONSULTANTS
W. W. SCHAEFER ENGINEERING & CONSULTING, P.A. (CA 6809)
 7480 150TH COURT NORTH
 PALM BEACH GARDENS, FL 33418
 PHONE: 561-744-3424

CERTIFICATION
[Signature]
 SEP 21 2011
 WARREN W. SCHAEFER, P.E.
 P.E. NO. 44135

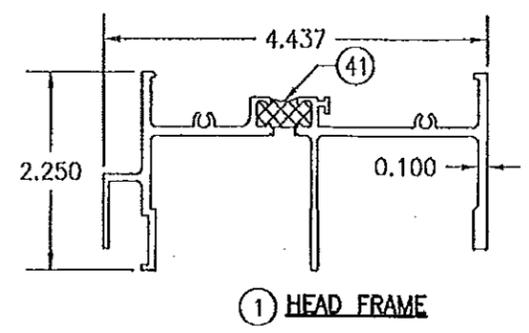
DRAWING NO.	REV.
1756	
SHEET NO.	
5	OF 7



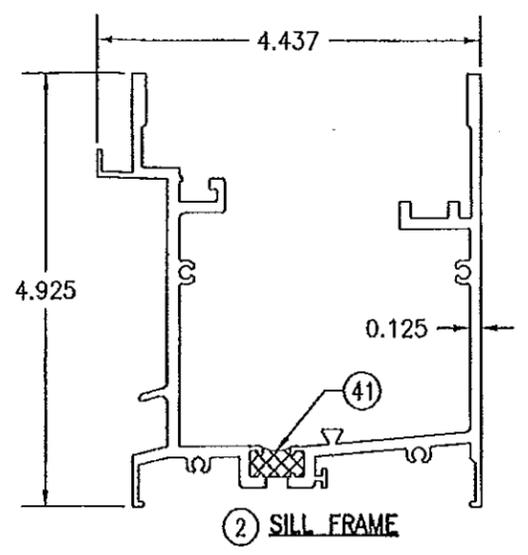
MULLION END CLIP DETAIL B
(SILL SECTION SHOWN, HEAD IS THE SAME)
(WINDOW COMPONENTS NOT SHOWN FOR CLARITY)

MULLION CLIP SCREW PER ELEVATION (2 PER CLIP)

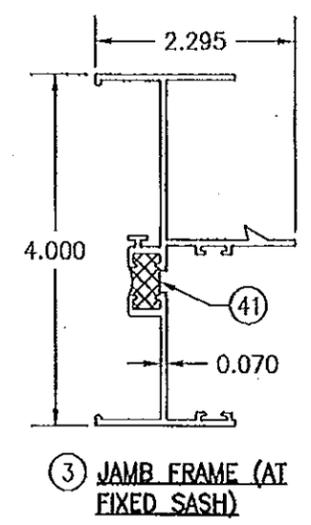
SUBSTRATE BY OTHERS PER "FRAME ANCHOR REQUIREMENTS TABLE"



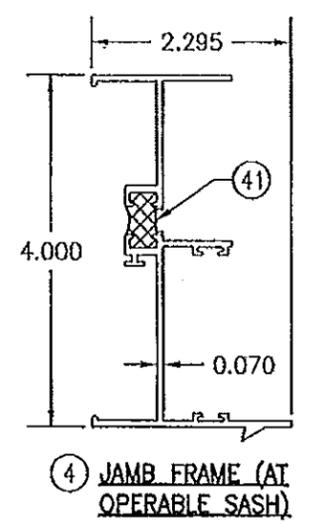
① HEAD FRAME



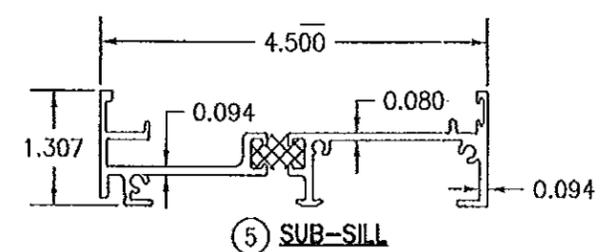
② SILL FRAME



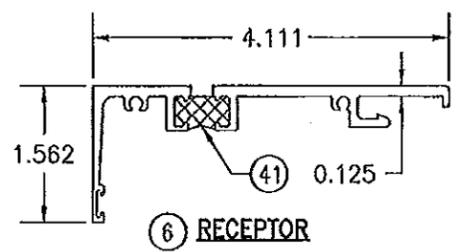
③ JAMB FRAME (AT FIXED SASH)



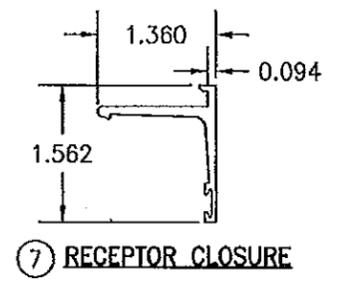
④ JAMB FRAME (AT OPERABLE SASH)



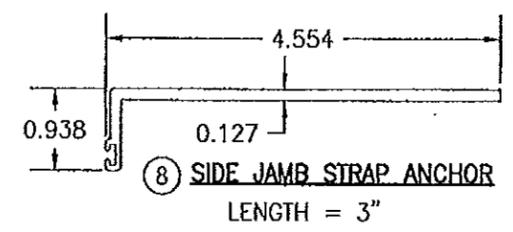
⑤ SUB-SILL



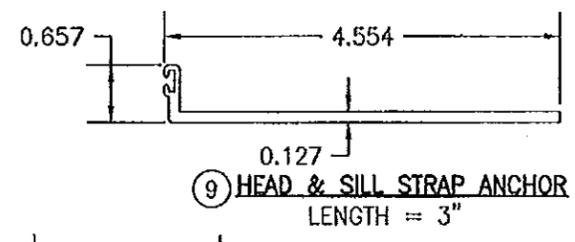
⑥ RECEPTOR



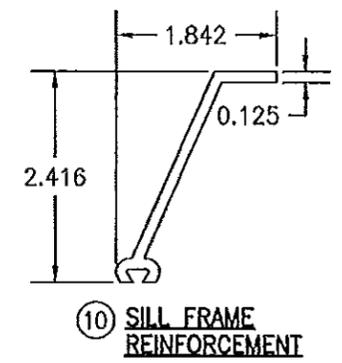
⑦ RECEPTOR CLOSURE



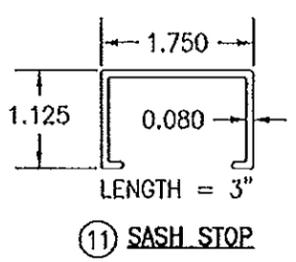
⑧ SIDE JAMB STRAP ANCHOR
LENGTH = 3"



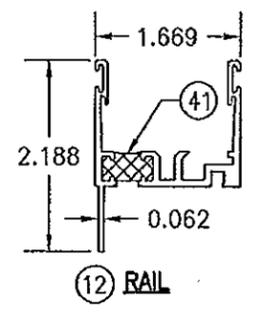
⑨ HEAD & SILL STRAP ANCHOR
LENGTH = 3"



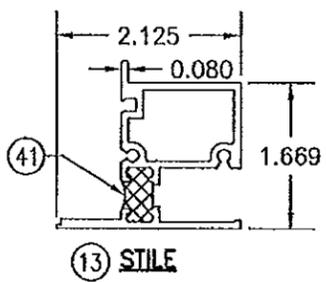
⑩ SILL FRAME REINFORCEMENT



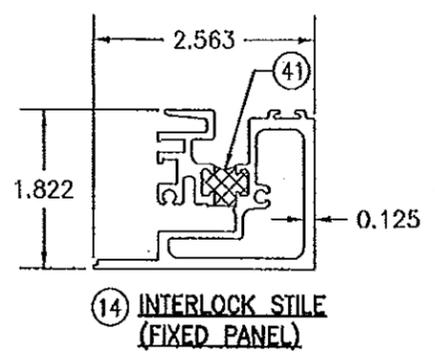
⑪ SASH STOP
LENGTH = 3"



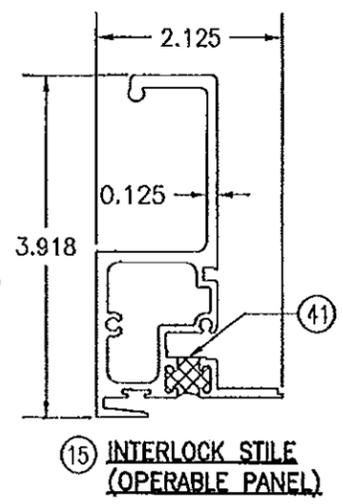
⑫ RAIL



⑬ STILE



⑭ INTERLOCK STILE (FIXED PANEL)



⑮ INTERLOCK STILE (OPERABLE PANEL)

PRODUCT REVISED as complying with the Florida Building Code
Acceptance No. 14-0430-0
Expiration Date 10/06/2016
By *[Signature]*
Miami Dade Product Control

Approved as complying with the Florida Building Code
Date 10/06/2011
NOA# 11-0705.11
Miami Dade Product Control
By *[Signature]*



DRAWN BY:	W.R.M.	CHECKED BY:	W.S.
PLOT:	1-2	DATE:	06/13/11
NO.	REVISION DESCRIPTION	BY	DATE

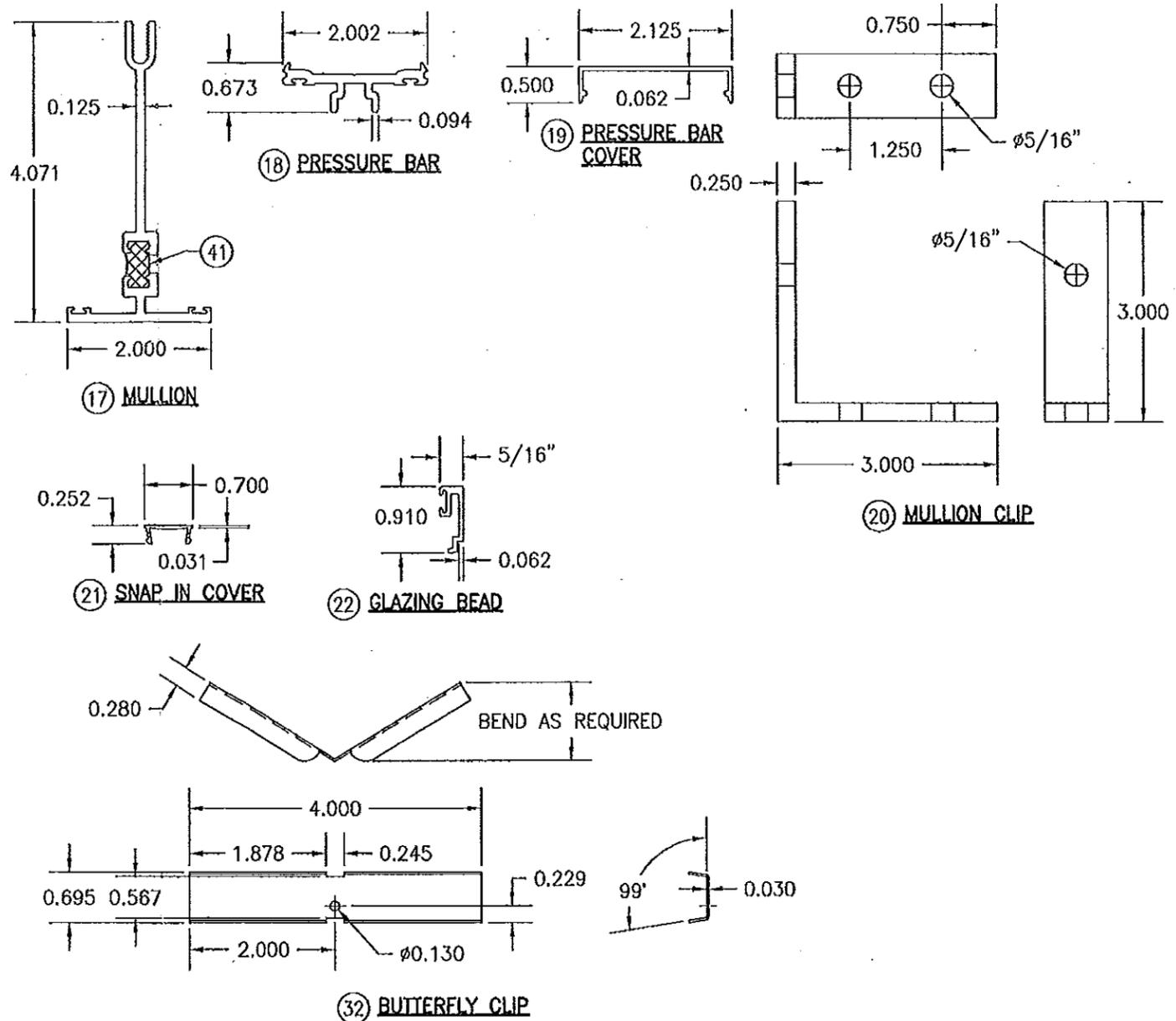
DRAWING TITLE: 8400TL SLIDING GLASS WINDOW (LARGE MISSILE IMPACT)

MANUFACTURER: KAWNEER COMPANY, INC.
555 GUTHRIDGE COURT
NORCROSS, GA 30092
770-449-5555

CONSULTANTS: W. W. SCHAEFER ENGINEERING & CONSULTING, P.A. (CA 6809)
7480 150TH COURT NORTH
PALM BEACH GARDENS, FL 33418
PHONE: 561-744-3424

CERTIFICATION:	SEP 21 2011
DRAWING NO.	1756
REV.	
SHEET NO.	6 OF 7

ITEM #	ITEM DESCRIPTION	MANUFACTURER/NOTES
PARTS		
1	HEAD FRAME	6063-T6 ALUMINUM
2	SILL FRAME	6063-T6 ALUMINUM
3	JAMB FRAME (AT FIXED SASH)	6063-T6 ALUMINUM
4	JAMB FRAME (AT OPERABLE SASH)	6063-T6 ALUMINUM
5	SUB-SILL	6063-T6 ALUMINUM
6	RECEPTOR	6063-T6 ALUMINUM
7	RECEPTOR CLOSURE	6063-T6 ALUMINUM
8	SIDE JAMB STRAP ANCHOR	6063-T6 ALUMINUM
9	HEAD & SILL STRAP ANCHOR	6063-T6 ALUMINUM
10	SILL FRAME REINFORCEMENT	6063-T6 ALUMINUM
11	SASH STOP	6063-T6 ALUMINUM
12	RAIL	6063-T6 ALUMINUM
13	STILE	6063-T6 ALUMINUM
14	INTERLOCK STILE (FIXED PANEL)	6063-T6 ALUMINUM
15	INTERLOCK STILE (OPERABLE PANEL)	6063-T6 ALUMINUM
17	MULLION	6063-T6 ALUMINUM
18	PRESSURE BAR	6063-T6 ALUMINUM
19	PRESSURE BAR COVER	6063-T6 ALUMINUM
20	MULLION CLIP	6063-T6 ALUMINUM
21	SNAP IN COVER	6063-T6 ALUMINUM
22	GLAZING BEAD	6063-T6 ALUMINUM
23	WEEP COVER	PLASTIC
HARDWARE		
26	SASH CAM 400 SERIES	NYLON
27	HS, H.D. MFG. RAIL SASH CAM	NYLON
28	ROLLER	ZINC PLATED STEEL
29	ROLLER TRACK	S.S.
30	SWEEP LOCK	BRONZE (1 AT 8 3/4" FROM BOTTOM OF SASH & 1 AT CENTERLINE OF SASH)
31	LOCK KEEPER	BRONZE
32	BUTTERFLY CLIP	1018 GALVANIZED STEEL (1 AT MID-HEIGHT OF JAMB)
SEALS & SEALANTS		
35	GASKET	SANTROP/POLYPROPYLENE
36	WEATHERSTRIP/SASH SEPARATOR	PVC
37	TRI-FIN WEATHERING	POLYPROPYLENE
38	1/4" BACK UP WEDGE	SCR-900
39	BULB WEATHERING	TPE/POLYPROPYLENE
40	BULB WEATHERING	TPE/POLYPROPYLENE
41	DEBRIDGING	2-PART POLYURETHANE
42	SETTING BLOCK	DENSE EPDM
43	WEDGE BLOCK	EPDM
FASTENERS		
47	NO. 8 X 1/2" TORX PHTFSD	2 PER SASH STOP
48	NO. 10 X 1/2" FHTF "B"	2 PER SWEEP LOCK
49	NO. 6 X 3/8" FHTF "AB"	2 PER LOCK KEEPER
50	1/4 -20 X 3/4" PHMS	WITHIN 3" FROM ENDS & 3" O.C.
51	1/4-20 X 1" HWHMS 1/4-20 HEX NUT 1/4" FLAT WASHER 1/4" RING LOCK WASHER	1 PER MULLION END
52	NO. 8 X 5/8" PHTF "AB"	1 PER BUTTERFLY CLIP



PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 14-0430.05
Expiration Date 10/06/2016
By *[Signature]*
Miami Dade Product Control

Approved as complying with the
Florida Building Code
Date 10/06/2011
NOA# 11-0705
Miami Dade Product Control
By *[Signature]*



DRAWN BY: W.R.H.	CHECKED BY: W.S.
PLOT: 1-2	DATE: 08/13/11
DATE	
BY	
REVISION DESCRIPTION	
NO.	
DRAWING TITLE 8400TL SLIDING GLASS WINDOW (LARGE MISSILE IMPACT)	
MANUFACTURER KAWNEER COMPANY, INC. 555 GUTHRIDGE COURT NORCROSS, GA 30092 770-449-5555	
CONSULTANTS W. W. SCHAEFER ENGINEERING & CONSULTING, P.A. (CA 6809) 7480 150TH COURT NORTH PALM BEACH GARDENS, FL 33418 PHONE: 561-744-5424	
CERTIFICATION SEP 21 2011 WARREN W. SCHAEFER, P.E. P.E. NO. 44135	
DRAWING NO. 1756	REV.
SHEET NO. 7 OF 7	