



DEPARTMENT OF PERMITTING, ENVIRONMENT, AND REGULATORY
AFFAIRS (PERA)
BOARD AND CODE ADMINISTRATION DIVISION

MIAMI-DADE COUNTY, FLORIDA
PRODUCT CONTROL SECTION
11805 S.W. 26th Street, Room 208
Miami, Florida 33175-2474
T (786) 315-2590, F (786) 315-2599

NOTICE OF ACCEPTANCE (NOA)

www.miamidade.gov/pera/

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 PERA-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. PERA 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 "8430 TL" Aluminum Single Hung Window - L.M.I.

APPROVAL DOCUMENT: Drawing No. 1547, titled "Series 8430 TL Single Hung Window (LMI)", sheets 1 through 6 of 6, dated July 09, 2007, prepared by W. W. Schaefer Engineering & Consulting, P. A., dated 09/19/2007 and latest revision "A1", dated 10/10/2011, 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, model/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. 07-0810.05 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
2/23/12

NOA No. 11-1013.25
Expiration Date: October 19, 2012
Approval Date: March 01, 2012

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

A. DRAWINGS

1. Manufacturer's die drawings and sections.
(Submitted under previous NOA No. 07-0810.05)
2. Drawing No. 1547, titled "Series 8430 TL Single Hung Window (LMI)", sheets 1 through 6 of 6, dated July 09, 2007, prepared by W. W. Schaefer Engineering & Consulting, P. A., dated September 19, 2007 and latest revision "A1", dated 10/10/2011, signed and sealed by Warren W. Schaefer, 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) 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, TAS 202-94along with marked-up drawings and installation diagram, prepared by Hurricane Test Laboratory, Inc., Test Report No. HTL-G049-0201-07, dated June 08, 2007, signed and sealed by Vinu J. Abraham, P. E.
(Submitted under previous NOA No. 07-0810.05)

C. CALCULATIONS

1. Anchor verification calculations and structural analysis, complying with FBC, prepared by W. W. Schaefer Engineering & Consulting, P. A., dated July 30, 2007, signed and sealed by Warren W. Schaefer, P. E.
(Submitted under previous NOA No. 07-0810.05)
2. **Complies with ASTM E1300-04**

D. QUALITY ASSURANCE

1. Miami-Dade Department of Permitting, Environment, and Regulatory Affairs (PERA).

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 05/26/2010, expiring on 01/14/2017.
2. Notice of Acceptance No. 11-0624.01 issued to E.I. DuPont DeNemours & Co., Inc. for their "DuPont Butacite® PVB Interlayer" dated 09/08/2011, expiring on 12/11/2016.



Jaime D. Gascon, P. E.
Product Control Section Supervisor
NOA No. 11-1013.25
Expiration Date: October 19, 2012
Approval Date: March 01, 2012

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

E. MATERIAL CERTIFICATIONS (CONTINUED)

3. Notice of Acceptance No. **11-0325.05** issued to Solutia Inc. for their "**Saflex and Vanceva clear and color interlayers**" dated 05/05/11, expiring on 05/21/16.
4. Notice of Acceptance No. **08-0520.08** issued to Solutia Inc. for their "**Vanceva Composites used for lamination of glass**" dated 7/17/2008, expiring on 12/11/2013.

F. STATEMENTS

1. Statement letter of conformance and compliances with the FBC-2007 and FBC-2010, prepared by W. W. Schaefer Engineering & Consulting, P. A., dated October 10, 2011, signed and sealed by Warren W. Schaefer, P. E.
2. Statement letter of no financial interest and independency, prepared by W. W. Schaefer Engineering & Consulting, P. A., dated October 10, 2011, signed and sealed by Warren W. Schaefer, P. E.
3. Laboratory compliance letter for Test Report No. **HTL-G049-0201-07**, issued by Hurricane Test Laboratory, LLC, dated June 08, 2007, signed and sealed by Vinu J. Abraham, P. E.
(Submitted under previous NOA No. 07-0810.05)

G. OTHERS

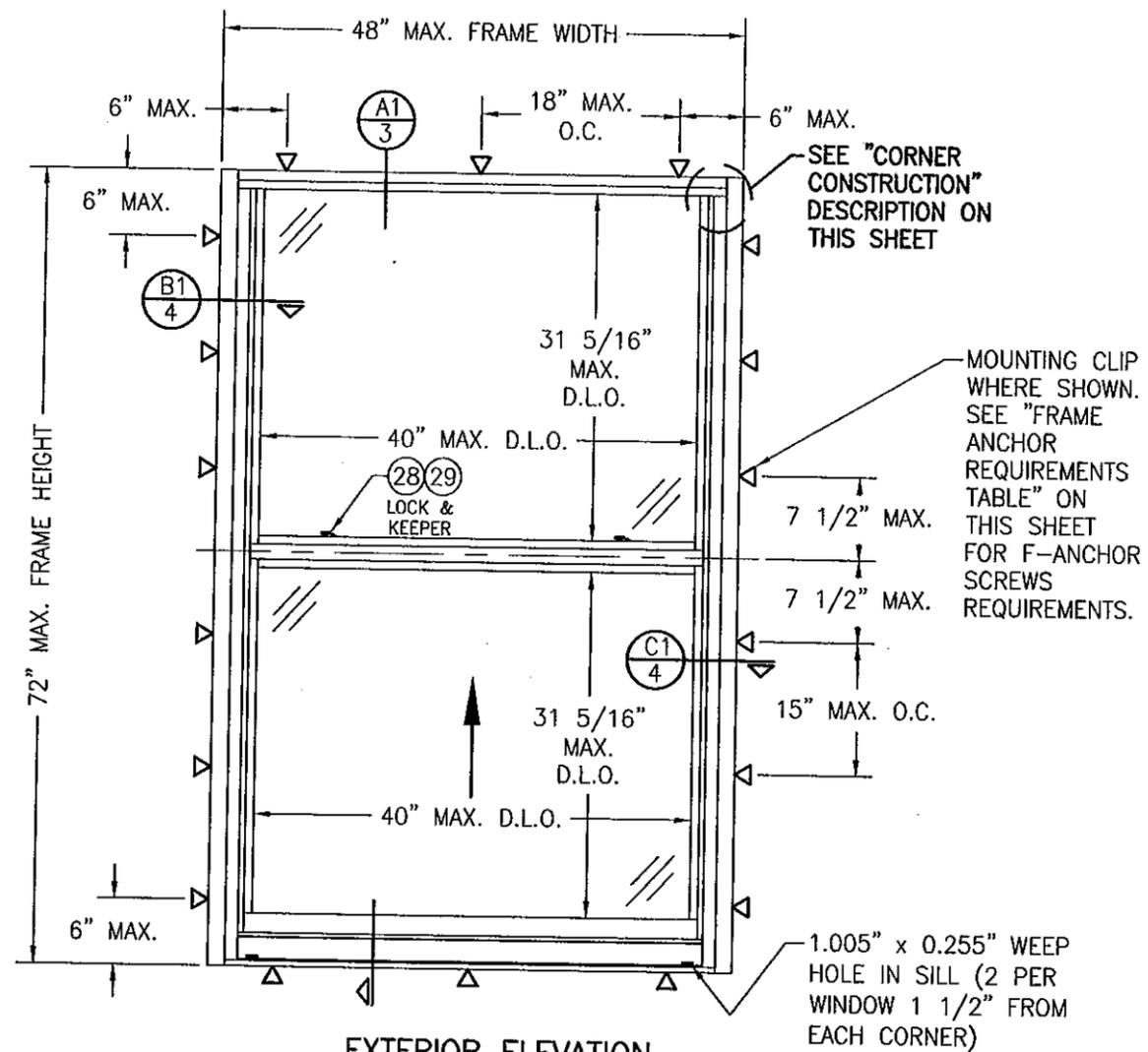
1. Notice of Acceptance No. **07-0810.05**, issued to Kawneer Company, Inc. for their Series "**8430 TL" Aluminum Single Hung Window - L.M.I.**", approved on 10/19/2007 and expiring on 10/19/2012.



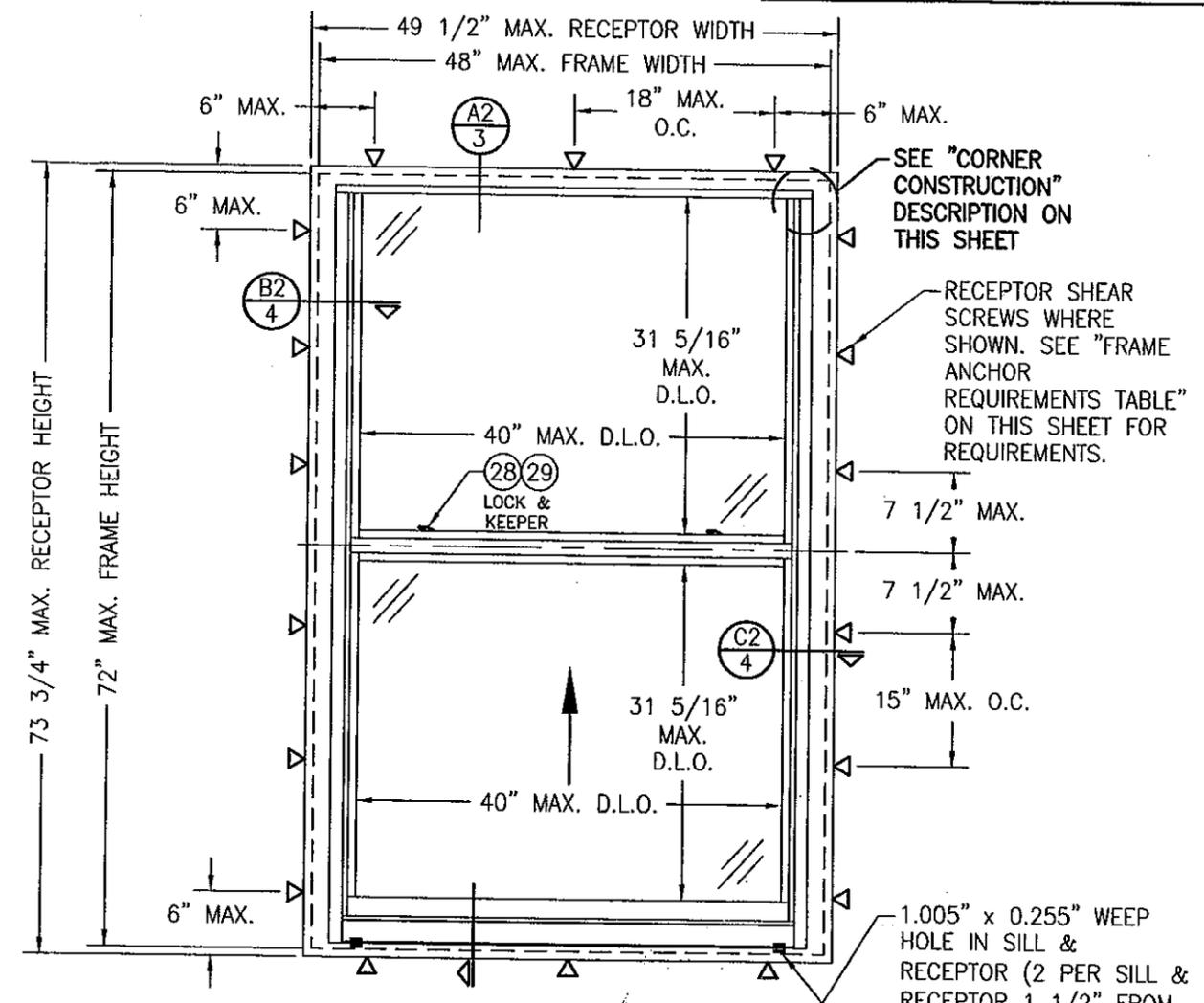
Jaime D. Gascon, P. E.
Product Control Section Supervisor
NOA No. 11-1013.25
Expiration Date: October 19, 2012
Approval Date: March 01, 2012

THESE DRAWINGS ARE APPLICABLE ONLY TO THE PRODUCT SPECIFIED. THEY MAY NOT BE USED FOR THE ASSEMBLY AND/OR INSTALLATION OF ANY OTHER PRODUCT NOR MAY THEY BE USED FOR RATIONAL AND/OR LOCAL APPROVAL OF ANY PRODUCT NOT PRODUCED BY THE MANUFACTURER STATED ON THESE DRAWINGS.

| | | | |
|-----------------------|----------|-------------|----------|
| DRAWN BY: | W.R.M. | CHECKED BY: | W.W.S. |
| PLOT: | 1=16 | DATE: | 07/09/07 |
| DATE: | 10/10/11 | | |
| BY: | W.R.M. | | |
| REVISION DESCRIPTION: | | | |
| NO.: | AT | | |



EXTERIOR ELEVATION
SINGLE HUNG WINDOW ANCHORED WITH MOUNTING CLIPS
 (NO RECEPTOR)
 SCALE: 3/4"=1'-0"



EXTERIOR ELEVATION
SINGLE HUNG WINDOW ANCHORED WITH RECEPTOR
 SCALE: 3/4"=1'-0"

ALLOWABLE DESIGN PRESSURE
 +/-90 PSF

| OPENING TYPE (SUBSTRATE) | FRAME/CLIP TO OPENING FASTENER TYPE | MINIMUM EMBED | MINIMUM EDGE DIST. |
|---|-------------------------------------|---------------|--------------------|
| 2X 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 | (2) NO. 14 SELF TAP/DRILLING SCREW | FULL | 1/2" |
| MIN. 1/8" THK A36 STEEL | (2) NO. 14 SELF TAP/DRILLING SCREW | FULL | 1/2" |
| MIN. 1/8" THK 6063-T5 ALUM. | (2) NO. 14 SELF TAP/DRILLING SCREW | FULL | 1/2" |
| C-90 CMU/2500 PSI CONCRETE | (1) 1/4" CONCRETE SCREW | 1 1/4" | () |

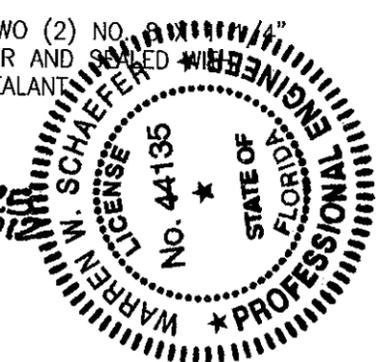
(1) CONCRETE SCREWS SHALL BE ELCO ULTRACONS, ELCO CRETE-FLEX, ITW RAMSET/RED HEAD TAPCONS OR HILTI KWIK-CON II (HARDENED STEEL OR S.S.).
 (2) SELF TAP/DRILLING SCREWS SHALL BE GRADE 5 CORROSION RESISTANT STEEL

CORNER CONSTRUCTION

JAMB CORNERS:
 COPED, SECURED WITH TWO (2) NO. 8 X 1 1/4" S.S. SCREWS PER CORNER AND SEALED WITH TREMCO-TREMSIL 600 SEALANT.

SASH CORNERS:
 COPED, SECURED WITH TWO (2) NO. 8 X 1 1/4" S.S. SCREWS PER CORNER AND SEALED WITH TREMCO-TREMSIL 600 SEALANT.

PRODUCT REVISED as complying with the Florida Building Code
 Acceptance No 11-1013-25
 Expiration Date 10/19/2012
 By [Signature]
 Miami Dade Product Control



GENERAL NOTES:

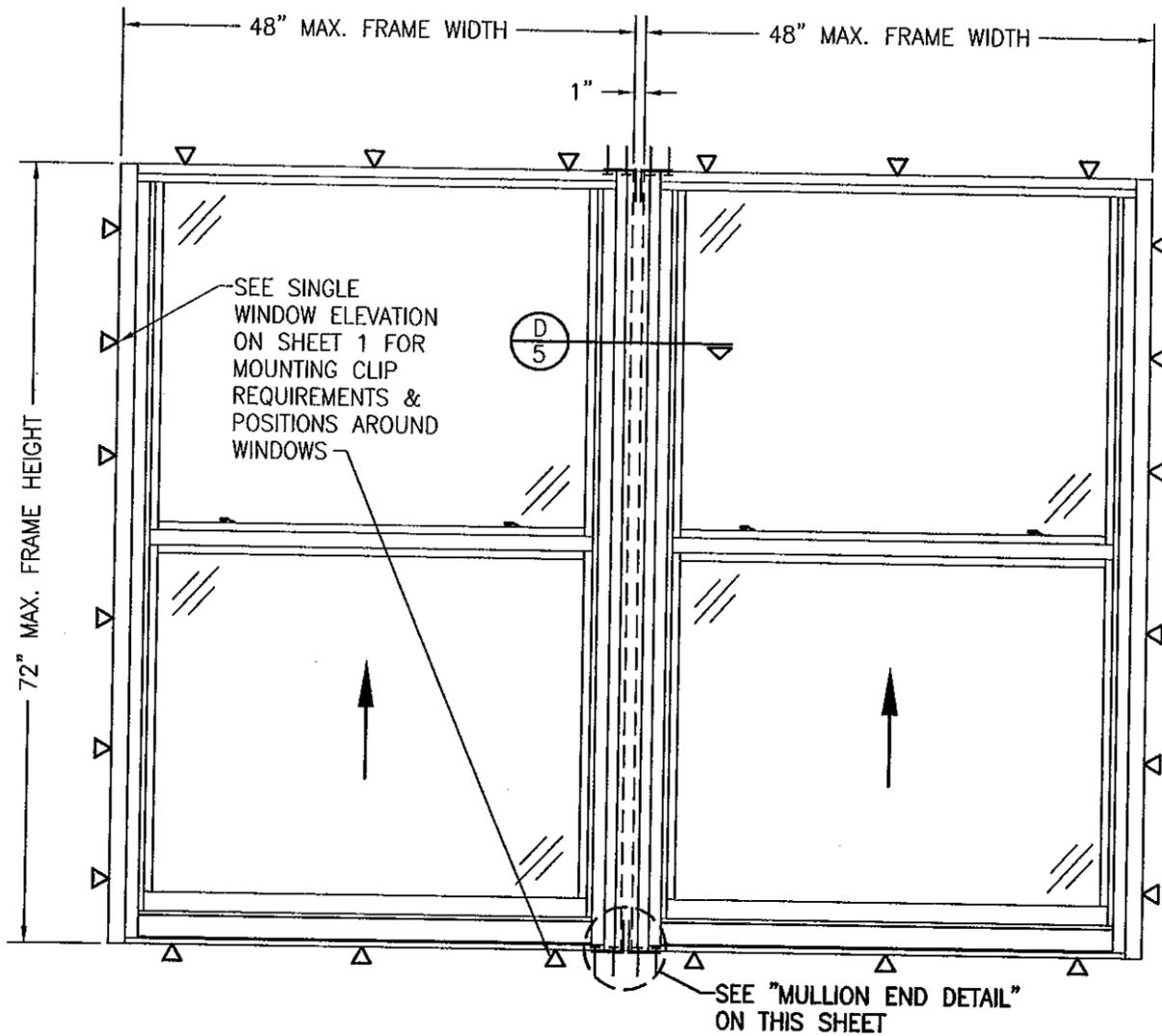
1. THESE WINDOW SYSTEMS HAVE BEEN TESTED, ANALYZED & APPROVED FOR DESIGN PRESSURES NOT TO EXCEED THOSE SHOWN IN THE "ALLOWABLE DESIGN PRESSURE TABLE(S)."
2. OPENINGS, BUCKING & BUCKING FASTENERS MUST BE PROPERLY DESIGNED & INSTALLED TO TRANSFER WIND LOADS TO THE STRUCTURE.
3. ALL HARDWARE & FASTENERS 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 Kd = 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 Cd = 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.

8430TL SINGLE HUNG 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

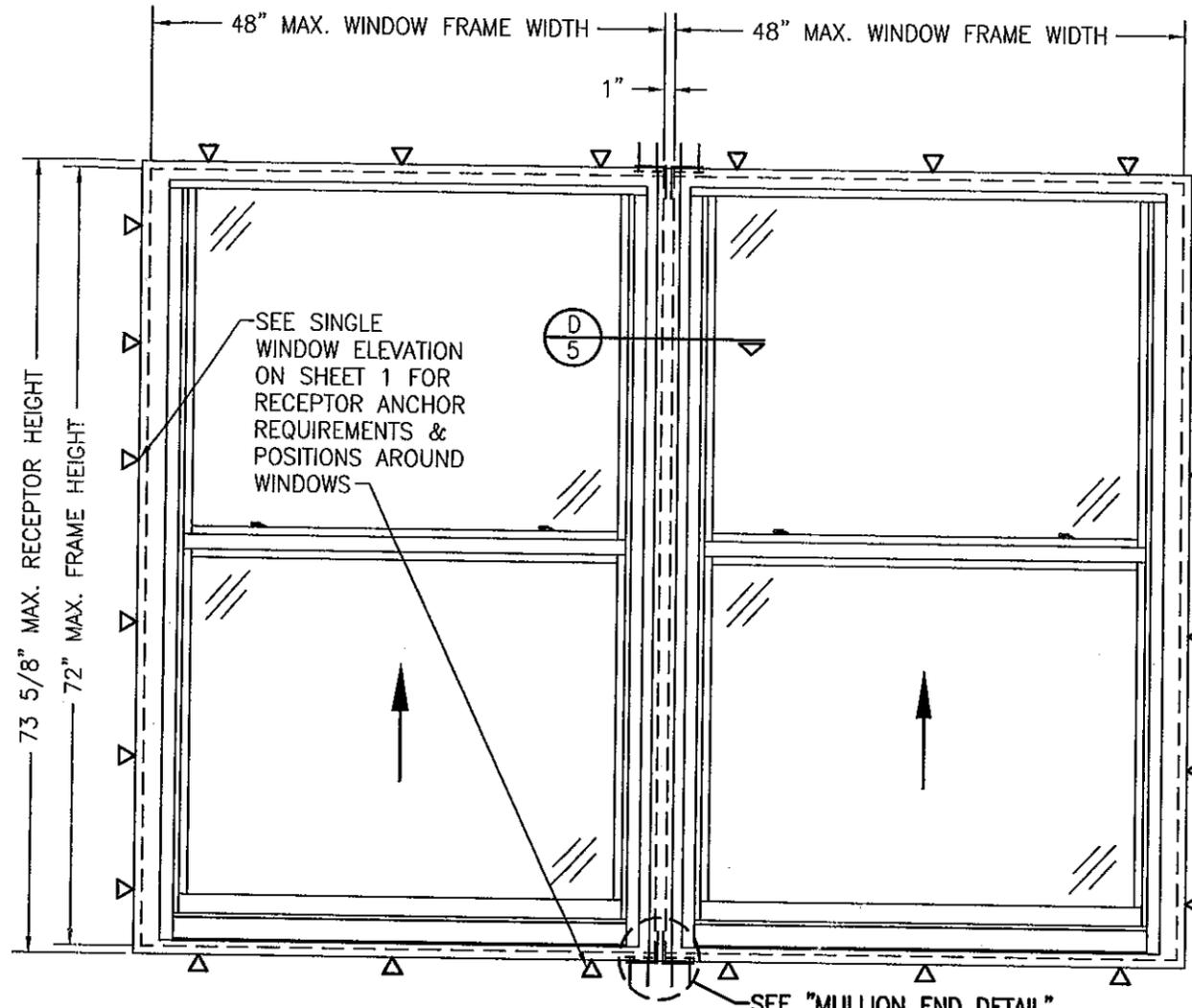
CERTIFICATION
 OCT 10 2011
 WARREN W. SCHAEFER, P.E.
 P.E. NO. 44135

DRAWING NO. 1547 REV. A
 SHEET NO. 1 OF 6



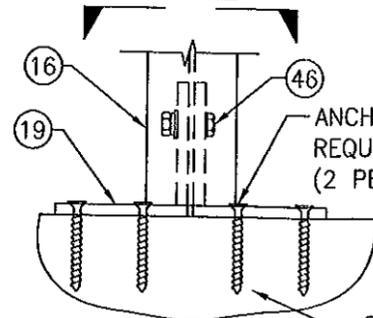
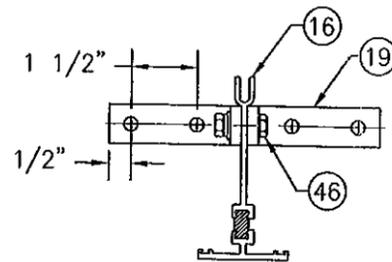
EXTERIOR ELEVATION
MULTIPLE WINDOWS ANCHORED WITH MOUNTING CLIPS
(NO RECEPTOR)

SCALE: 3/4"=1'-0"
 FOR WINDOW INFORMATION NOT SHOWN, SEE SINGLE WINDOW ELEVATION ON SHEET 1.



EXTERIOR ELEVATION
MULTIPLE WINDOWS ANCHORED WITH RECEPTOR
(NO RECEPTOR)

SCALE: 3/4"=1'-0"
 FOR WINDOW INFORMATION NOT SHOWN, SEE SINGLE WINDOW ELEVATION ON SHEET 1.



ANCHORS PER "FRAME ANCHOR REQUIREMENTS TABLE" ON SHEET 1
 (2 PER CLIP; 2 CLIPS)

SUBSTRATE BY OTHERS PER FRAME ANCHOR REQUIREMENTS TABLE

MULLION END DETAIL
 (WINDOW FRAMES NOT SHOWN FOR CLARITY)
 SCALE: N.T.S.

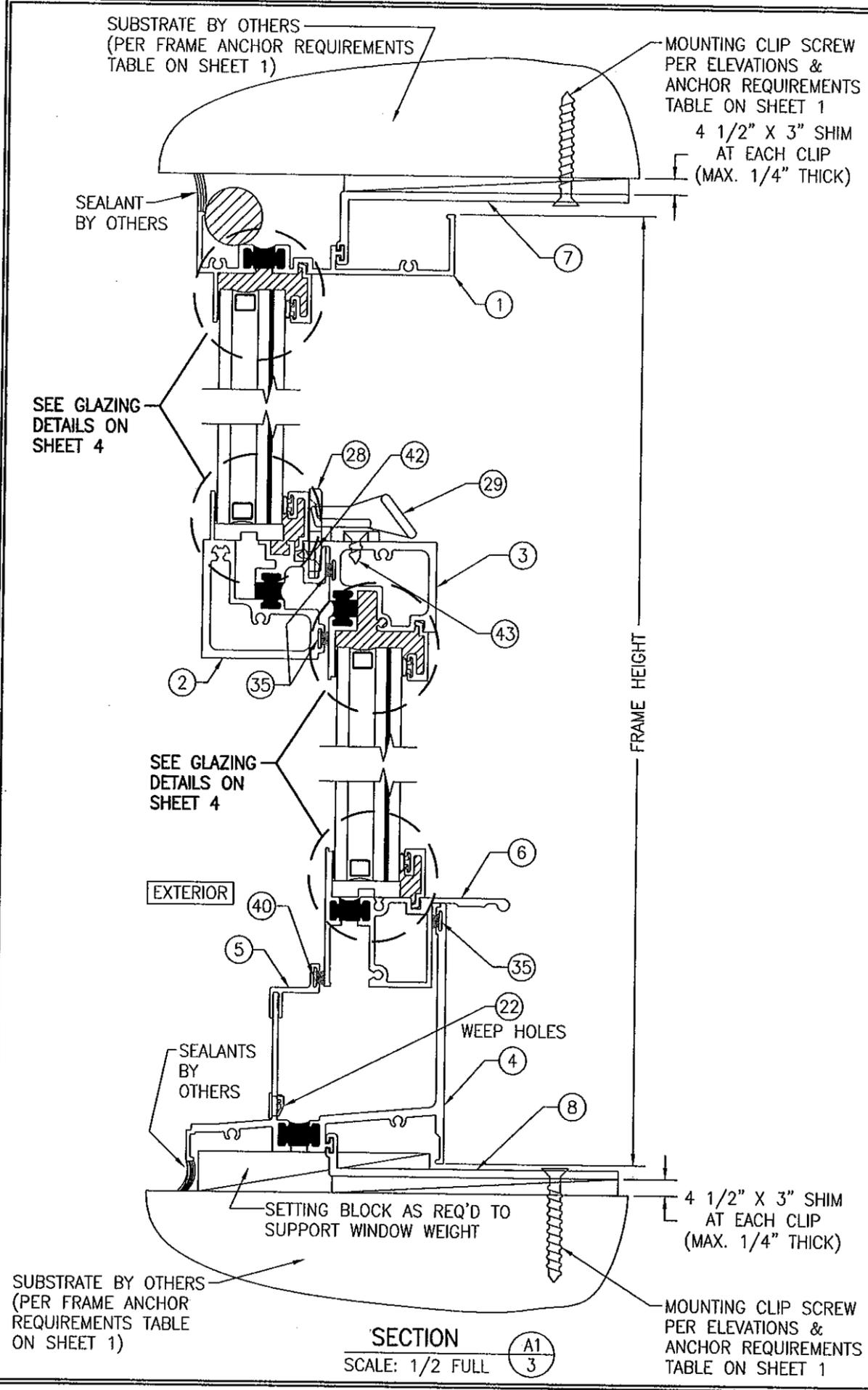
PRODUCT REVISED
 as complying with the Florida Building Code
 Acceptance No. 11-1013-26
 Expiration Date 10/19/12
 By *[Signature]*
 Miami Dade Product Control



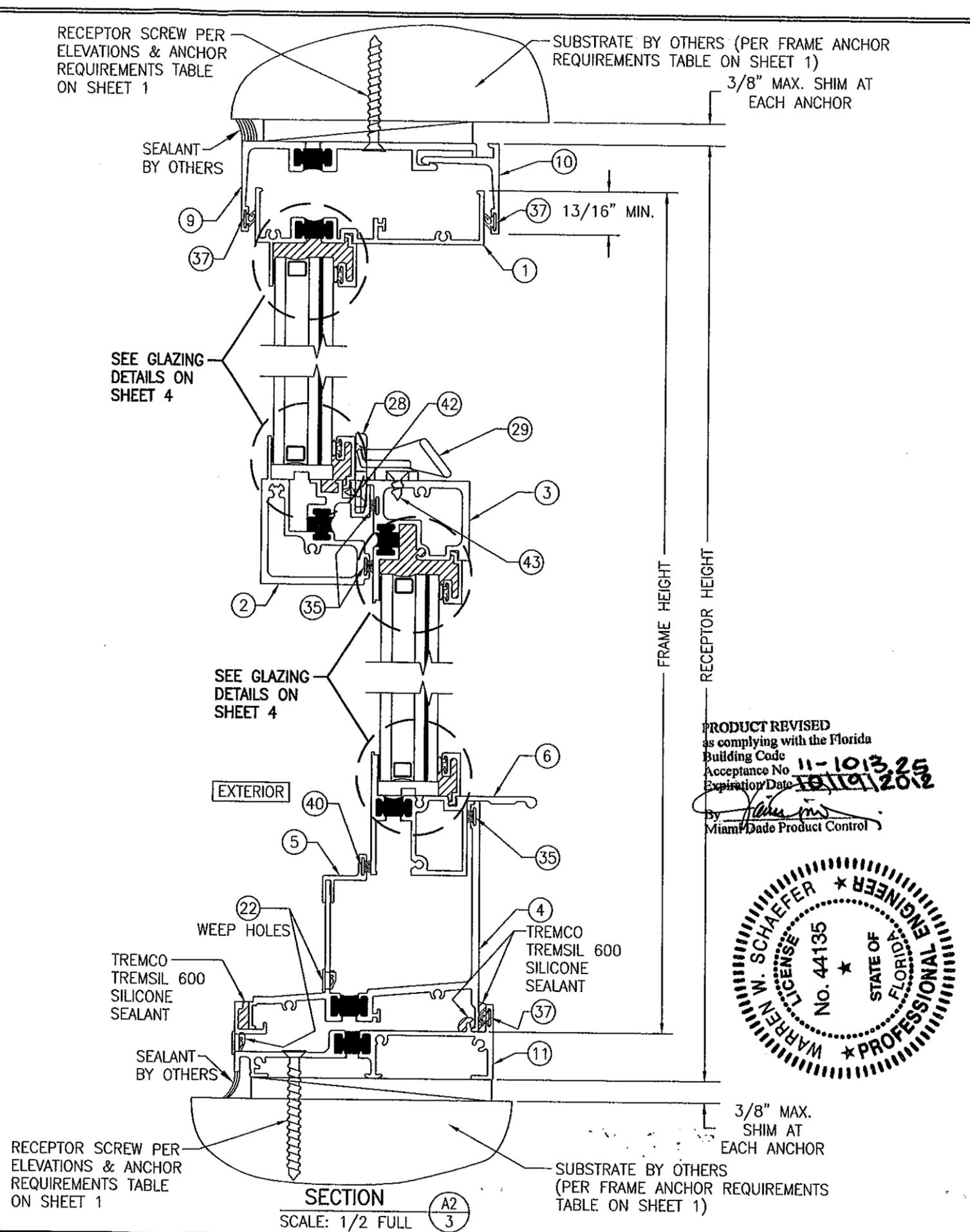
| | |
|----------------------|-----------------------|
| DRAWN BY: W.R.M. | CHECKED BY: W.W.S. |
| PLOT: 1-16 | DATE: 07/09/07 |
| DATE | |
| BY | |
| REVISION DESCRIPTION | |
| NO. | |

| | |
|---|--|
| DRAWING TITLE 84-30TL SINGLE HUNG 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 OCT 10 2011 WARREN W. SCHAEFER, P.E. P.E. NO. 44135 | DRAWING NO. 1547 | REV. A |
| | SHEET NO. 2 | OF 6 |



SECTION A1
SCALE: 1/2 FULL

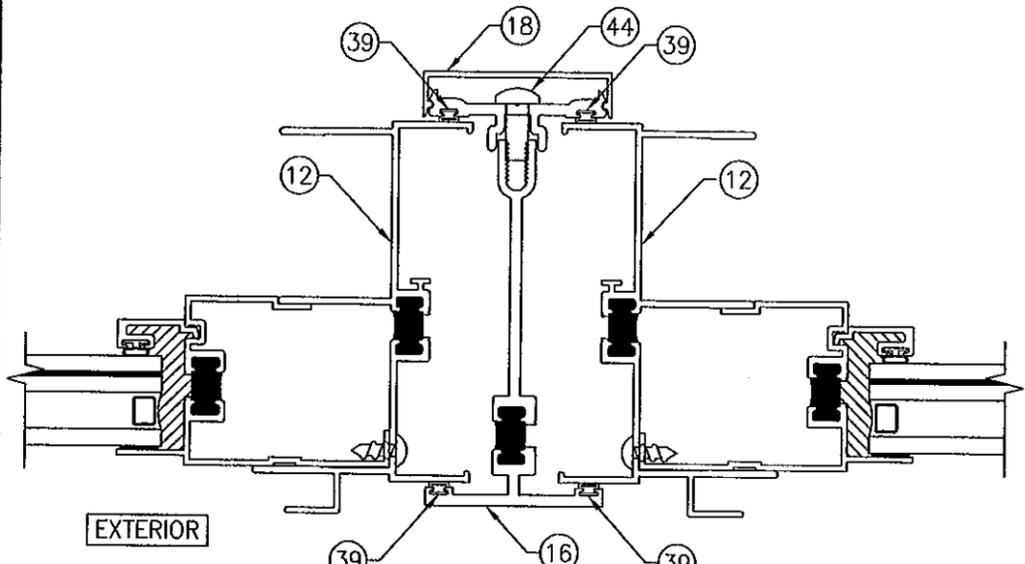


SECTION A2
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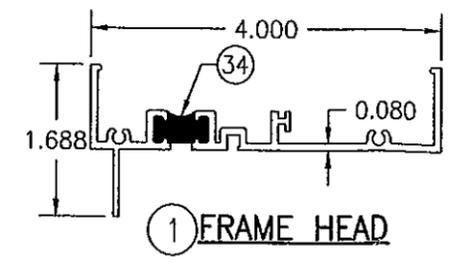
PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 11-1013-25
Expiration Date 10/19/2012
By: *[Signature]*
Miami Dade Product Control



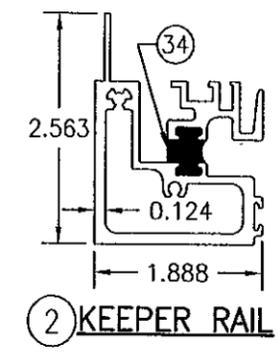
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|--|--|
| DRAWN BY: W.R.M. | CHECKED BY: W.W.S. |
| PLOT: 1=2 | DATE: 07/09/07 |
| DATE | |
| BY | |
| REVISION DESCRIPTION | |
| NO. | |
| DRAWING TITLE 8430TL SINGLE HUNG WINDOW (LARGE MISSILE IMPACT) | |
| CONSULTANTS W. W. SCHAEFER ENGINEERING & CONSULTING, P.A. (CA 6809) 7480 150TH COURT NORTH PALM BEACH GARDENS, FL 33418 PHONE: 561-744-3424 | MANUFACTURER KAWNEER COMPANY, INC. 555 GUTHRIDGE COURT NORCROSS, GA 30092 770-449-5555 |
| CERTIFICATION 07/10/2011 WARREN W. SCHAEFER, P.E. P.E. NO. 44135 | |
| DRAWING NO. 1547 | REV. A |
| SHEET NO. 3 | OF 6 |



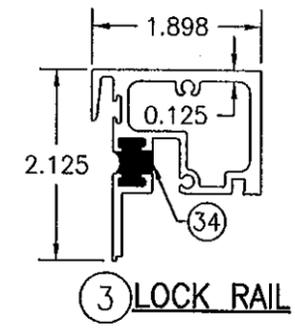
SECTION D
SCALE: 1/2 FULL
FOR DETAIL NOT SHOWN, SEE OTHER SECTIONS



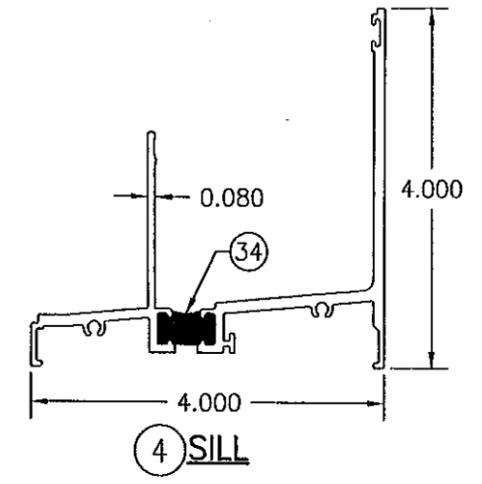
1 FRAME HEAD



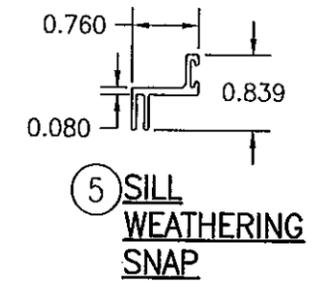
2 KEEPER RAIL



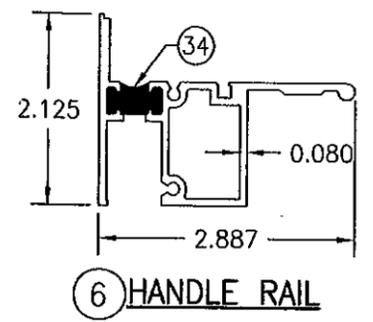
3 LOCK RAIL



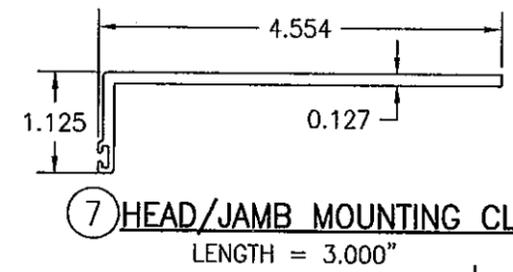
4 SILL



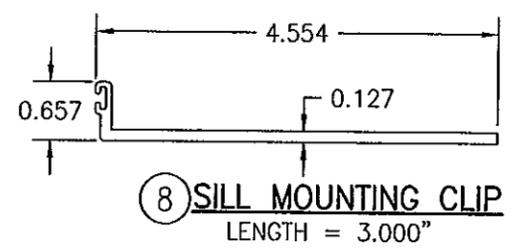
5 SILL WEATHERING SNAP



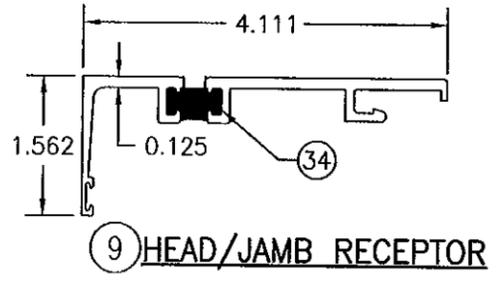
6 HANDLE RAIL



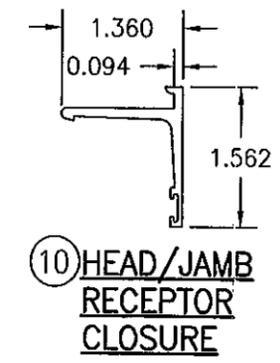
7 HEAD/JAMB MOUNTING CLIP
LENGTH = 3.000"



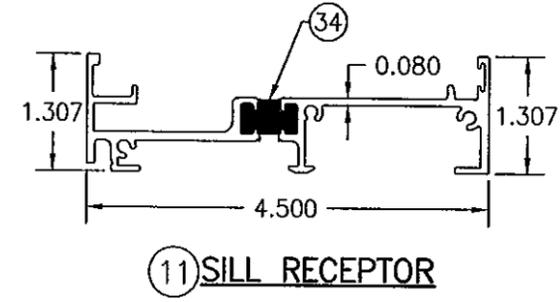
8 SILL MOUNTING CLIP
LENGTH = 3.000"



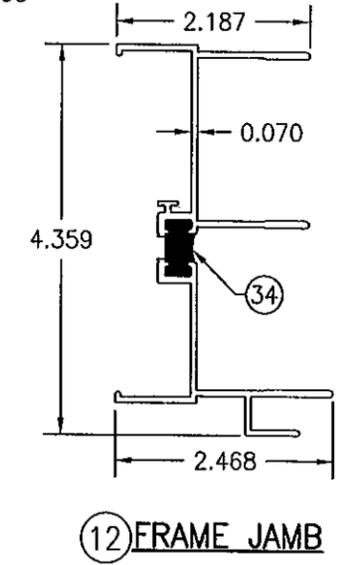
9 HEAD/JAMB RECEPTOR



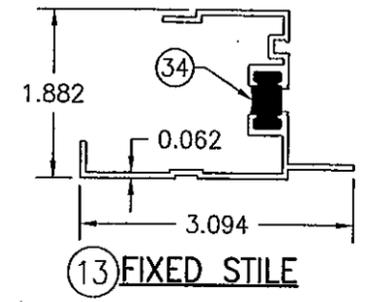
10 HEAD/JAMB RECEPTOR CLOSURE



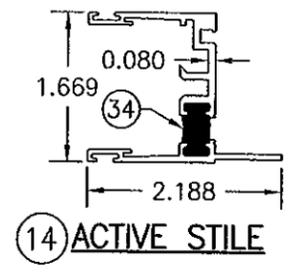
11 SILL RECEPTOR



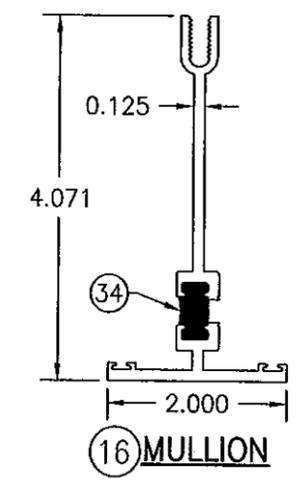
12 FRAME JAMB



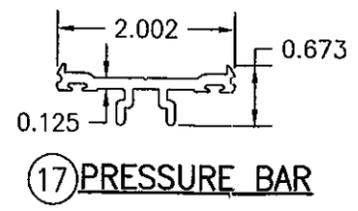
13 FIXED STILE



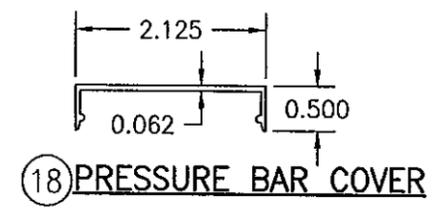
14 ACTIVE STILE



16 MULLION



17 PRESSURE BAR

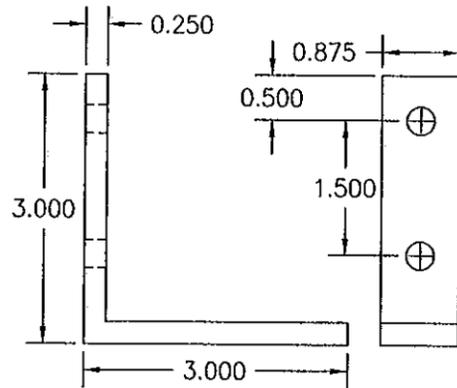


18 PRESSURE BAR COVER

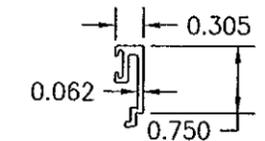
PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. 11-1013-25
Expiration Date 10/19/2012
By *Warren W. Schaefer*
Miami Dade Product Control



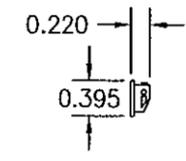
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| DRAWN BY: W.R.M. | CHECKED BY: W.W.S. |
| PLOT: 1-2 | DATE: 07/09/07 |
| NO. | REVISION DESCRIPTION |
| DATE | BY |
| DRAWING TITLE 8430TL SINGLE HUNG WINDOW (LARGE MISSILE IMPACT) | |
| CONSULTANTS W. W. SCHAEFER ENGINEERING & CONSULTING, P.A. (CA 6809) 7480 150TH COURT NORTH PALM BEACH GARDENS, FL 33418 PHONE: 561-744-3424 | MANUFACTURER KAWNEER COMPANY, INC. 555 GUTHRIDGE COURT NORCROSS, GA 30092 770-449-5555 |
| CERTIFICATION <i>Warren W. Schaefer</i> 07/10/2011 WARREN W. SCHAEFER, P.E. P.E. NO. 44135 | DRAWING NO. 1547 |
| | REV. A |
| SHEET NO. 5 OF 6 | |



19 MULLION ANCHOR CLIP



21 GLAZING BEAD



22 WEEP COVER

| ITEM # | PART # | ITEM DESCRIPTION | MANUFACTURER/NOTES |
|--------------------|---------|--|------------------------------|
| PARTS | | | |
| 1 | 345-207 | FRAME HEAD | 6063-T6 ALUMINUM |
| 2 | 345-208 | KEEPER RAIL | 6063-T6 ALUMINUM |
| 3 | 345-356 | LOCK RAIL | 6063-T6 ALUMINUM |
| 4 | 245-207 | SILL | 6063-T6 ALUMINUM |
| 5 | 245-005 | SILL WEATHERING SNAP | 6063-T6 ALUMINUM |
| 6 | 245-389 | HANDLE RAIL | 6063-T6 ALUMINUM |
| 7 | 345-470 | HEAD/JAMB MOUNTING CLIP | 6063-T6 ALUMINUM |
| 8 | 245-459 | SILL MOUNTING CLIP | 6063-T6 ALUMINUM |
| 9 | 345-368 | HEAD/JAMB RECEPTOR | 6063-T6 ALUMINUM |
| 10 | 345-169 | HEAD/JAMB RECEPTOR CLOSURE | 6063-T6 ALUMINUM |
| 11 | 245-201 | SILL RECEPTOR | 6063-T6 ALUMINUM |
| 12 | 245-239 | FRAME JAMB | 6063-T6 ALUMINUM |
| 13 | 345-209 | FIXED STILE | 6063-T6 ALUMINUM |
| 14 | 345-351 | ACTIVE STILE | 6063-T6 ALUMINUM |
| 16 | 245-287 | MULLION | 6063-T6 ALUMINUM |
| 17 | 245-490 | PRESSURE BAR | 6063-T6 ALUMINUM |
| 18 | 243-088 | PRESSURE BAR COVER | 6063-T6 ALUMINUM |
| 19 | 245-428 | MULLION ANCHOR CLIP | 6063-T6 ALUMINUM |
| 21 | 245-194 | GLAZING BEAD | 6063-T6 ALUMINUM |
| 22 | 245-521 | WEEP COVER | PVC |
| HARDWARE | | | |
| 27 | 245-421 | SASH CAM | KAWNEER - GLASS FILLED NYLON |
| 28 | 245-400 | LOCK KEEPER | KAWNEER - WHITE BRONZE |
| 29 | 245-460 | SWEEP LOCK | KAWNEER - WHITE BRONZE |
| 30 | 245-505 | BALANCE | KAWNEER SERIES 401 |
| 31 | 245-515 | BALANCE CLIP | KAWNEER - ZINC PLATED STEEL |
| SEALS AND SEALANTS | | | |
| 34 | - | DEBRIDGING | 2-PART POLYURETHANE |
| 35 | 127-080 | PILE WEATHERSTRIP | POLYPROPYLENE |
| 36 | 127-077 | BULB WEATHERING | TPE/POLYPROPYLENE |
| 37 | 027-915 | GASKET | SANTOPRENE/POLYPROPYLENE |
| 38 | 127-076 | VINYL SPACER | RIGID PVC |
| 39 | 027-874 | BULB WEATHERING | VISTA PLEX/POLYPROPYLENE |
| 40 | 127-108 | PILE WEATHERSTRIP | POLYPROPYLENE |
| MISC. FASTENERS | | | |
| 42 | - | NO. 6 X 3/8" S.S. SCREW | 2 PER LOCK KEEPER |
| 43 | - | NO. 10 X 1/2" S.S. SCREW | 2 PER SWEEP LOCK |
| 44 | - | 1/4-20 X P.H.S.S. SCREW | 3" FROM ENDS & 3" O.C. |
| 45 | - | NO. 8 X 1/2" P.H.S.S. SCREW | 2 EACH SIDE OF FIXED STILE |
| 46 | - | 1/4-20 X 1" S.S. BOLT WITH NUT, FLAT WASHER & SPLIT WASHER | 1 PER MULLION ANCHOR |

| | |
|----------------------|---------------------|
| DRAWN BY: W.R.M. | CHECKED BY: W.S. |
| PLOT: 1-2 | DATE: 07/09/07 |
| DATE | |
| BY | |
| REVISION DESCRIPTION | |
| NO. | |

8430TL SINGLE HUNG 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

PRODUCT REVISED
as complying with the Florida
Building Code
Acceptance No. **11-1013-25**
Expiration Date **10/19/2012**
By *[Signature]*
Miami Dade Product Control



CERTIFICATION

OCT 10 2011

WARREN W. SCHAEFER, P.E.
P.E. NO. 44135

| | |
|-------------|------|
| DRAWING NO. | REV. |
| 1547 | A |
| SHEET NO. | OF |
| 6 | 6 |