



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 "HPX" Aluminum Sliding Glass Door-S.M.I.**

**APPROVAL DOCUMENT:** Drawing No 1469 Rev A1, titled "HPX Small Missile Impact Sliding Glass Door", sheets 1 through 6 of 6, prepared by W. W. Schaefer Engineering & Consulting, P.A., dated 11/12/09 and last revised on FEB 07, 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: Small Missile Impact Resistant**

**Limitations:**

1. See Allowable Design Pressure table for applicable frame height, glass options and applicable DP. Max. nominal panel width is = 48".
2. Refer to elevation for cluster anchors at interlock/ meeting stiles and intermediate head & sill frame per substrate types. For Side jamb anchoring spacing requirements, see Side Jamb anchor table in sheet 1.

**LABELING:** Each unit shall bear a permanent label with the manufacturer's name or logo, city, state and series and following statement: "Miami-Dade County Product Control Approved", 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 #11-1013.06 and consists of this page 1 and evidence pages E-1, as well as approval document mentioned above.

The submitted documentation was reviewed by Ishaq I. Chanda, P.E.



NOA No. 14-0430.01  
 Expiration Date: July 27, 2016  
 Approval Date: July 31, 2014  
 Page 1

4  
 7/27/14

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

**A. DRAWINGS**

1. Manufacturer's die drawings and sections (Submitted under files ##11-1013.06/# 10-0708.05)
2. Drawing No 1469 Rev A1, titled "HPX Small Missile Impact Sliding Glass Door", sheets 1 through 6 of 6, prepared by W. W. Schaefer Engineering & Consulting, P.A., dated 11/12/09 and last revised on FEB 07, 2011, signed and sealed by Warren W. Schaefer, P.E.

**B. TESTS (submitted under file #11-1013.06)**

1. Test reports on:
  - 1) Air Infiltration Test, per FBC, TAS 202-94
  - 2) Uniform Static Air Pressure Test, Loading per FBC TAS 202-94
  - 3) Water Resistance Test, per FBC, TAS 202-94
  - 4) Small Missile Impact Test per FBC, TAS 201-94
  - 5) Cyclic Wind Pressure Loading per FBC, TAS 203-94
  - 6) Forced Entry Test, per FBC 2411 3.2.1, TAS 202-94

along with the manufacturer's parts and section drawings of an OXO aluminum sliding glass door, prepared by Hurricane Test Laboratory, LLC. Test Report No. HTL-0049-0111-09, dated 03/30/09-05/04/09, signed and sealed by Vinu J. Abraham, P.E.

2. Test reports on:
  - 1) Air Infiltration Test, per FBC, TAS 202-94
  - 2) Uniform Static Air Pressure Test, Loading per FBC TAS 202-94
  - 3) Water Resistance Test, per FBC, TAS 202-94
  - 4) Small Missile Impact Test per FBC, TAS 201-94
  - 5) Cyclic Wind Pressure Loading per FBC, TAS 203-94
  - 6) Forced Entry Test, per FBC 2411 3.2.1, TAS 202-94

along with the manufacturer's parts and section drawings of OXXO, OXO and OX aluminum sliding glass door, prepared by Hurricane Test Laboratory, LLC. Test Report No. HTL-0049-0822-05, dated 7/6/05-10/21/05, signed and sealed by Vinu J. Abraham, P.E. (submitted under file # 10-0708.05).

**C. CALCULATIONS (submitted under file # 10-0708.05)**

1. Anchor verification calculations, complying with FBC-2007, prepared by W. W. Schaefer Engineering & Consulting, P.A., dated 11/16/09, signed & sealed by Warren W. Schaefer, P.E.
2. Glazing complies w/ ASTM E-1300-02 & -04

**D. QUALITY ASSURANCE**

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

*Ishaq I. Chanda*

Ishaq I. Chanda, P.E.  
Product Control Examiner  
NOA No. 14-0430.01  
Expiration Date: July 27, 2016  
Approval Date: July 31, 2014

Kawneer Company, Inc.

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

**E. MATERIAL CERTIFICATIONS**

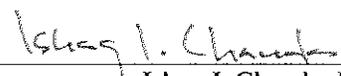
1. Notice of Acceptance No. **12-1213.02** issued Eastman Chemical Company (MA) former Solutia Inc. for "**Saflex Clear or colored glass interlayer**", expiring on 05/21/16.
2. Test Report No. **D162474**, dated Feb 22, 2011, issued by ATS (Applied technical svc), Inc. for "**Flexible PVC material**" per ASTM-D412, ASTM-D2240 and ASTM-D471, issued to Kawneer Company Inc.

**F. STATEMENTS**

1. Statement letter of conformance to FBC 2014(**5<sup>th</sup> Edition**) and letter of no financial interest, prepared by W. W. Schaefer Engineering & Consulting, P.A., dated April 14, 2014, signed and sealed by Warren W. Schaefer, P.E.
2. Statement letter, prepared by W. W. Schaefer Engineering & Consulting, P.A. dated April 10, 2014, of NOA Drawings, testing and calculation have been reviewed to 2014 FBC and found compliant and that No change to existing NOA documents are required, signed by Warren W. Schaefer, P.E.
3. Statement letter of conformance to FBC 2010, prepared by W. W. Schaefer Engineering & Consulting, P.A., dated OCT 06, 2011, signed and sealed by Warren W. Schaefer, P.E. (submitted under file # **11-1013.06**)
4. Statement letter of conformance to FBC 2007 and letter of no financial interest, prepared by W. W. Schaefer Engineering & Consulting, P.A., dated 11/16/09, signed and sealed by Warren W. Schaefer, P.E. (submitted under file # **10-0708.05**)
5. Statement of Lab compliance, as part of above referenced test report.

**G. OTHER**

1. This NOA revises NOA # 11-1013.06, expiring on July 27, 2016.



Ishaq I. Chanda, P.E.  
Product Control Examiner  
NOA No. 14-0430.01  
Expiration Date: July 27, 2016  
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**CORNER CONSTRUCTION**

**FRAME CORNERS:**  
THE JAMB WAS SQUARE CUT AT THE ENDS AND INSERTED BETWEEN THE ADJOINING HEAD TRACK AND SILL TRACK. THE HEAD TRACK & SILL TRACK WERE MECHANICALLY ATTACHED TO THE JAMBS USING TWO(2) NO. 12 X 2" TYPE AB HWH TF SCREWS PER END. EACH CORNER IS SEALED WITH DOW 795 SEALANT.

**FIXED INTERLOCK MULLION:**  
THE FIXED INTERLOCK MULLION IS SQUARE CUT AT ENDS & INSERTED BETWEEN THE ADJOINING HEAD TRACK AND SILL TRACK. THE FIXED INTERLOCK MULLION IS MECHANICALLY ATTACHED AT EACH END WITH FIVE(5) NO. 12 X 2" TYPE AB HWH TF SCREWS. ENDS ARE SEALED WITH DOW 795 SEALANT.

**LOCK STILE MULLION:**  
THE LOCK STILE MULLION WAS SQUARE CUT AT ENDS & INSERTED BETWEEN THE ADJOINING HEAD TRACK AND SILL TRACK. THE LOCK STILE MULLION IS MECHANICALLY ATTACHED AT EACH END WITH SIX(6) NO. 12 X 2" TYPE AB HWH TF SCREWS. ENDS ARE SEALED WITH DOW 795 SEALANT.

WHEN JOB REQUIRED DESIGN PRESURE IS +50/-57.5 PSF OR LESS, JUST A SINGLE ROW OF ANCHORS ARE REQUIRED & SPACING OF SIDE FRAME ANCHORS MAY BE 22"; REGARDLESS OF SUBSTRATE.

**ALLOWABLE DESIGN PRESSURE**

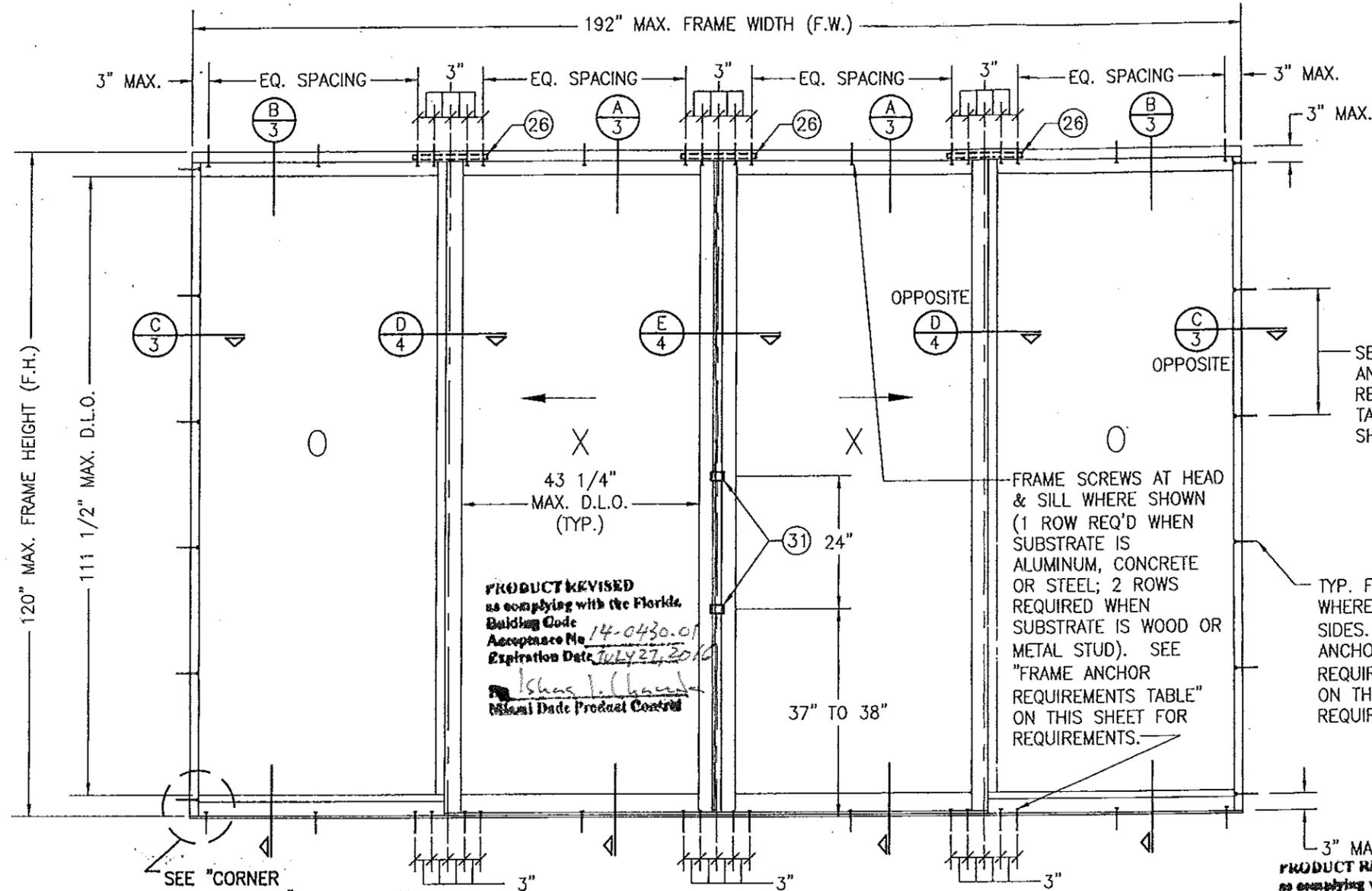
MAXIMUM FRAME HEIGHT	(3) GLASS OPTION	ALLOWABLE PRESSURE	
		POS.	NEG.
120"	(1) 1	100 PSF	115 PSF
102"	(2) 2	100 PSF	135 PSF

(1) GLASS OPTION 1 IS RESTRICTED TO MAX. -115 PSF EVEN IF DOOR HEIGHT IS REDUCED.  
(2) GLASS OPTION 2 IS NOT APPLICABLE FOR USE WITH DOORS OVER 102" TALL.  
(3) SEE GLAZING DETAIL ON SHEET 4 FOR GLASS OPTIONS.

**SIDE JAMB ANCHOR SPACING REQUIREMENTS**

SUBSTRATE	ANCHOR SPACING (SINGLE ROW)	ANCHOR SPACING (DOUBLE ROW)
WOOD	11" O.C.	22" O.C.
METAL STUD	11" O.C.	22" O.C.
STEEL	22" O.C.	22" O.C.
ALUMINUM	22" O.C.	22" O.C.
CONCRETE	22" O.C.	22" O.C.
CMU	16" O.C.	22" O.C.

**PRODUCT REVISED**  
as complying with the Florida Building Code  
Acceptance No. 19-0708-05  
Expiration Date July 27, 2010  
By *Ishag L. Lhanda*  
Miami Dade Product Control



**EXTERIOR ELEVATION  
4-PANEL SLIDING GLASS DOOR**  
SCALE: 1/2"=1'-0"

**FRAME ANCHOR REQUIREMENTS TABLE**

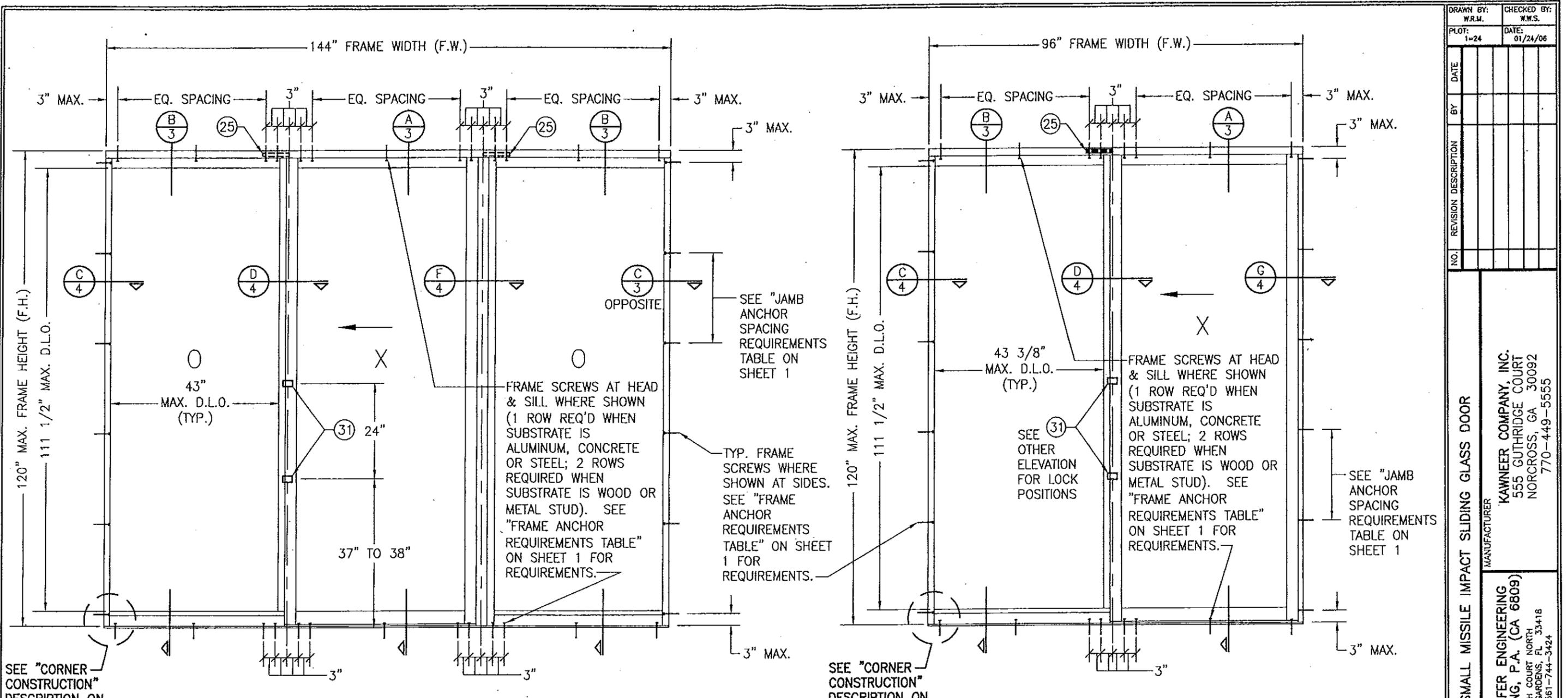
FRAME SCREWS			
OPENING TYPE (SUBSTRATE)	FRAME TO OPENING FASTENER TYPE	MINIMUM EMBED	MINIMUM EDGE DIST.
MIN. 2X6 WOOD FRAME OR BUCK (MIN. GR. 3 & G=0.55)	(1) 5/16" CONCRETE SCREW	1 3/8"	1"
MIN. 16 GA. 33 KSI METAL STUD	1/4" GR. 5 SELF TAP/DRILL SCREW	FULL	1/2"
MIN. 1/8" THK A36 STEEL	1/4" GR. 5 SELF TAP/DRILL SCREW	FULL	1/2"
MIN. 0.1" THK 6063-T5 ALUM.	1/4" GR. 5 SELF TAP/DRILL SCREW	FULL	1/2"
MIN. 3000 PSI CONCRETE	(1) 5/16" CONCRETE SCREW	1 3/4"	2 1/2"
MIN. CONCRETE FILLED C-90 CMU (JAMBS ONLY)	(1) 5/16" CONCRETE SCREW	1 3/4"	2 1/2"

(1) CONCRETE SCREWS SHALL BE ELCO ULTRACONS,

**GENERAL NOTES:**

1. THESE DOOR 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 SMALL MISSILE IMPACT DOORS.
5. THESE DOOR SYSTEMS HAVE BEEN DESIGNED IN ACCORDANCE WITH AND MEET THE REQUIREMENTS OF THE FLORIDA BUILDING CODE (FBC) INCLUDING HIGH VELOCITY HURRICANE ZONES (HVHZ).
6. WHEN GLAZED FOR SMALL MISSILE IMPACT, THESE DOORS MAY NOT BE INSTALLED AT ELEVATIONS BELOW 30 FT. ABOVE GRADE WITHOUT AN APPROVED SHUTTER.
7. ALL ANCHORS SECURING DOOR 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.

DRAWN BY: W.R.M.	CHECKED BY: W.W.S.
PLOT: 1=24	DATE: 01/24/06
DATE: 11/12/09	
BY: W.W.S.	
REVISION DESCRIPTION	
NO.	AT
DRAWING TITLE HPX SMALL MISSILE IMPACT SLIDING GLASS DOOR	
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 GUTHRIE COURT NORCROSS, GA 30092 770-449-5555
CERTIFICATION FEB 07 2011	WARREN W. SCHAEFER, P.E. P.E. NO. 44135
DRAWING NO. 1469	REV. A
SHEET NO. 1	OF 6



**EXTERIOR ELEVATION**  
**3-PANEL SLIDING GLASS DOOR**  
 SCALE: 1/2"=1'-0"

**EXTERIOR ELEVATION**  
**2-PANEL SLIDING GLASS DOOR**  
 SCALE: 1/2"=1'-0"

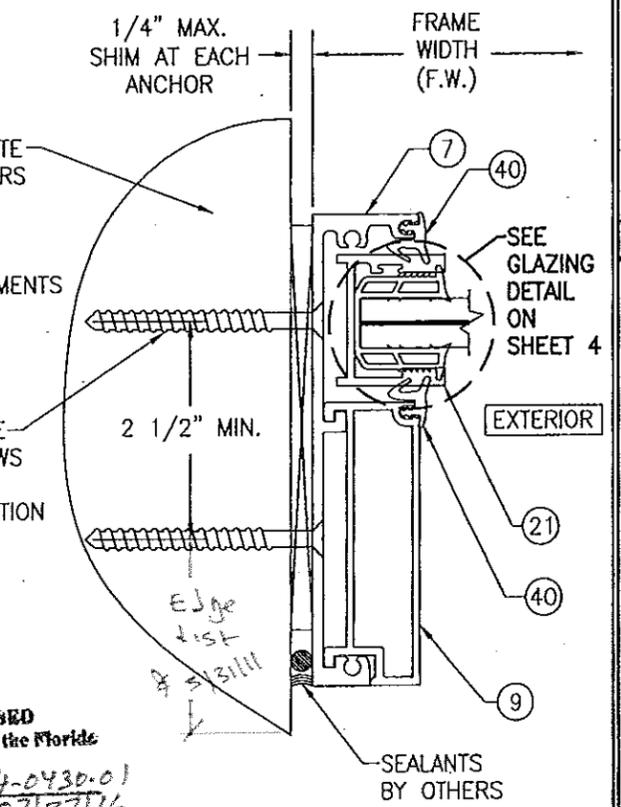
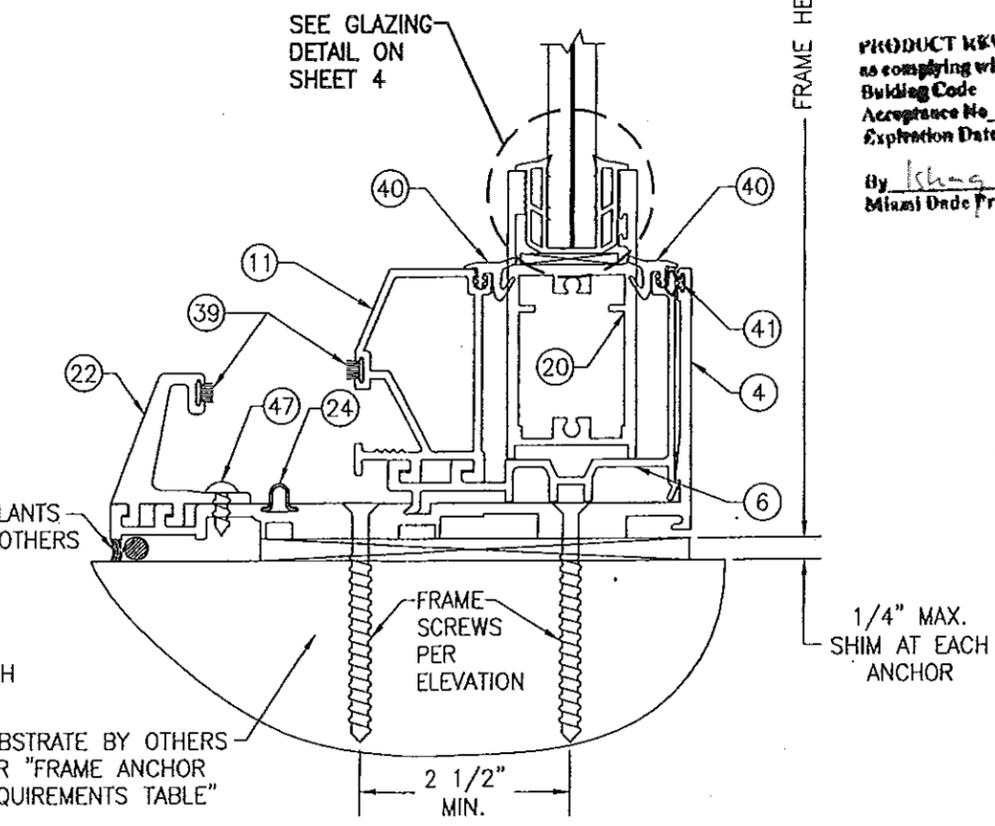
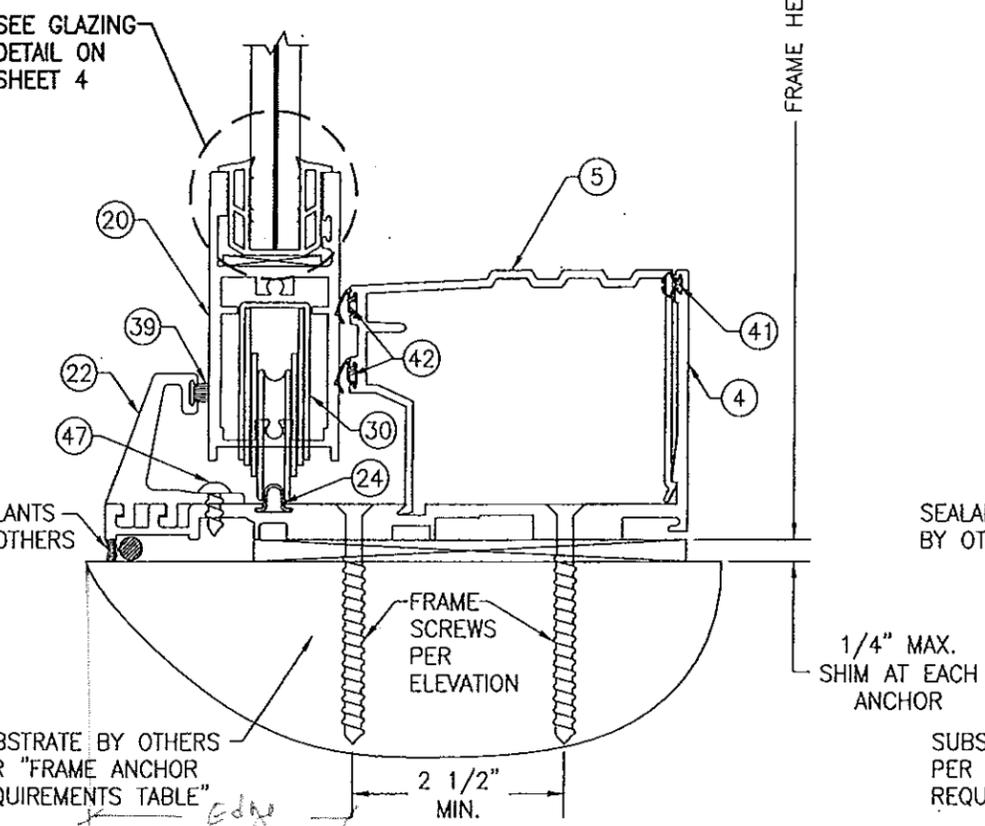
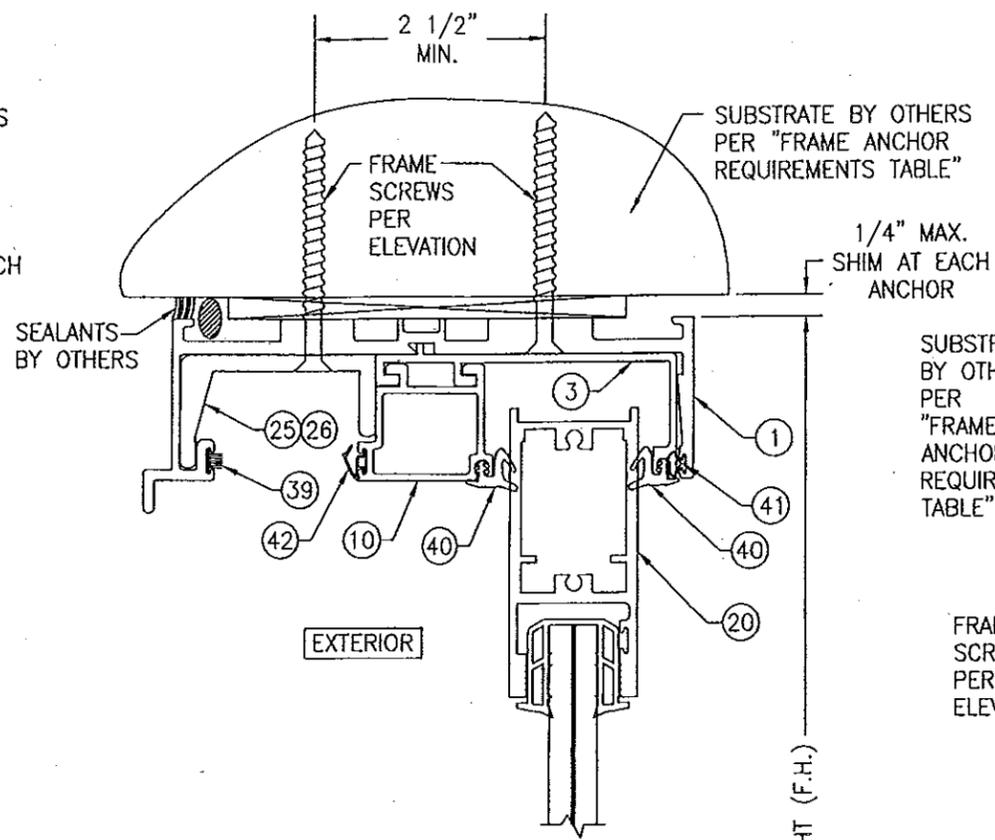
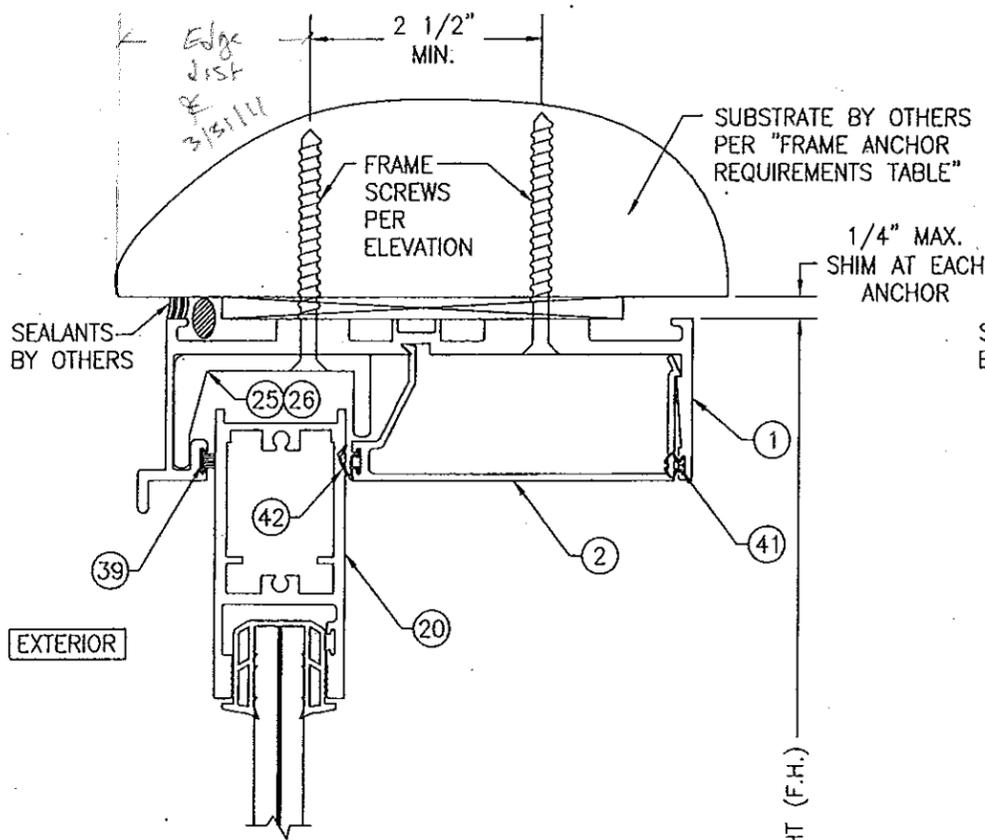
**PRODUCT REVISED**  
 as complying with the Florida  
 Building Code  
 Acceptance No. 14-0430.01  
 Expiration Date 07/27/16  
 By *Ishag I. Chanda*  
 Miami Dade Product Control

**PRODUCT REVISED**  
 as complying with the Florida  
 Building Code  
 Acceptance No. 11-1013.06  
 Expiration Date 7/27/16  
 By *Ishag I. Chanda*  
 Miami Dade Product Control

**PRODUCT REVISED**  
 as complying with the Florida  
 Building Code  
 Acceptance No. 10-0708.05  
 Expiration Date 06/21/2016  
 By *Ishag I. Chanda*  
 Miami Dade Product Control



DRAWN BY: W.R.M.	CHECKED BY: W.M.S.
PLOT: 1-24	DATE: 01/24/06
DATE	
BY	
REVISION DESCRIPTION	
NO.	
DRAWING TITLE: HPX SMALL MISSILE IMPACT SLIDING GLASS DOOR	
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: FEB 07 2011	
DRAWING NO. 1469	REV. A
SHEET NO. 2 OF 6	



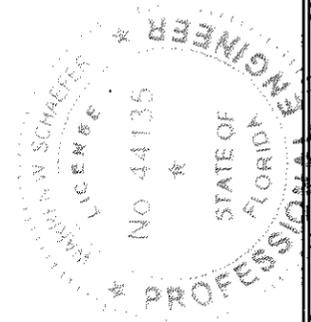
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as complying with the Florida  
Building Code  
Acceptance No. 14-0430-01  
Expiration Date 07/27/16  
By *Ismael J. Chant*  
Miami Dade Product Control

SECTION C  
SCALE: 1/2 FULL

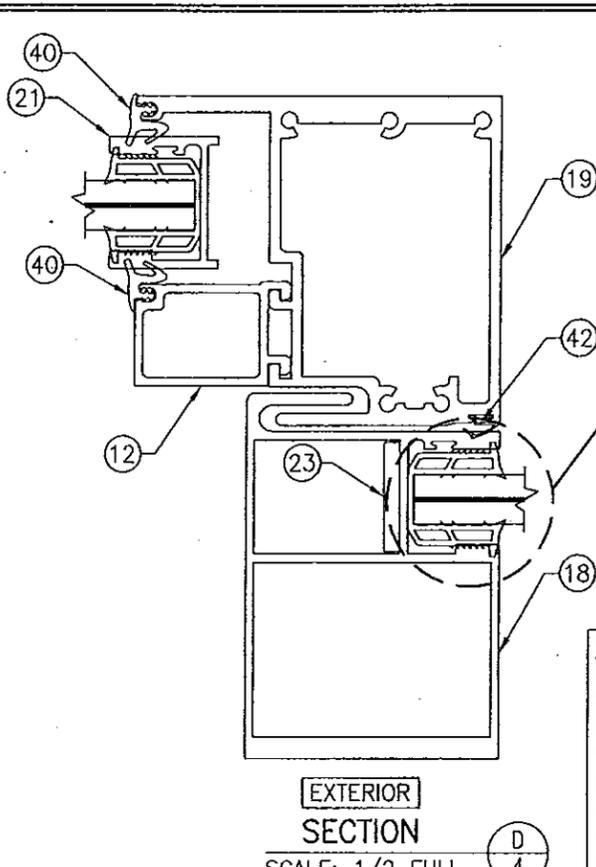
NOTE: 2 ANCHOR ROWS ARE SHOWN. 1 ROW ALSO APPLIES PER THE ELEVATIONS. WHEN 1 ROW IS USED, IT MAY BE POSITIONED AT EITHER THE INTERIOR OR EXTERIOR POSITION SHOWN.

PRODUCT REVISED  
as complying with the Florida  
Building Code  
Acceptance No. 11-1013-06  
Expiration Date 7/27/11  
By *Ismael J. Chant*  
Miami Dade Product Control

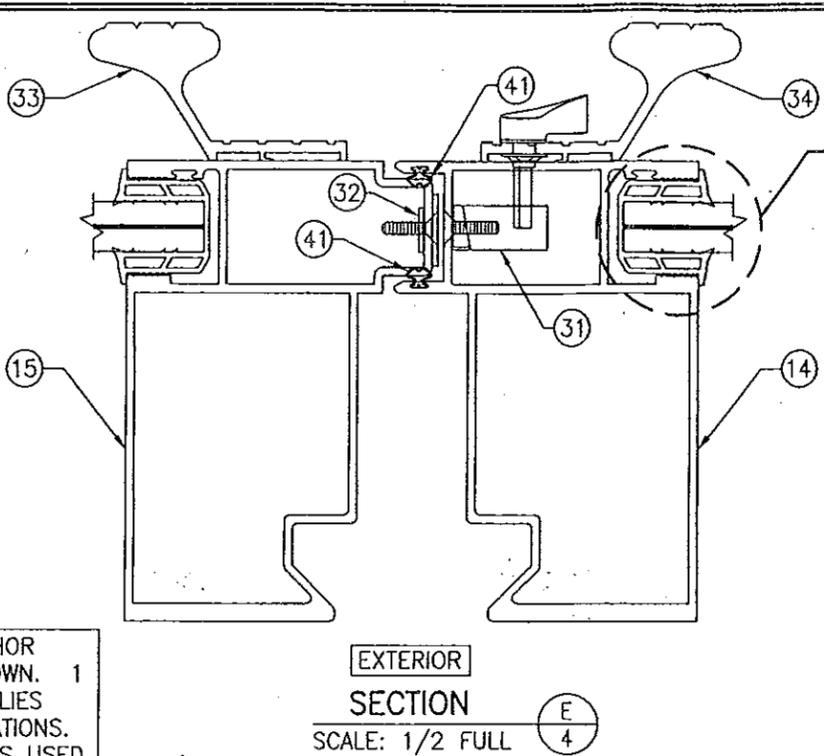
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as complying with the Florida  
Building Code  
Acceptance No. 10-0708-05  
Expiration Date July 27, 2016  
By *Ismael J. Chant*  
Miami Dade Product Control



DRAWN BY: W.F.W.	CHECKED BY: W.M.S.
PLOT: 1=2	DATE: 01/24/08
DATE	BY
REVISION DESCRIPTION	NO.
DRAWING TITLE HPX SMALL MISSILE IMPACT SLIDING GLASS DOOR	
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	FEB 07 2011
DRAWING NO. 1469	REV. A
SHEET NO. 3 OF 6	

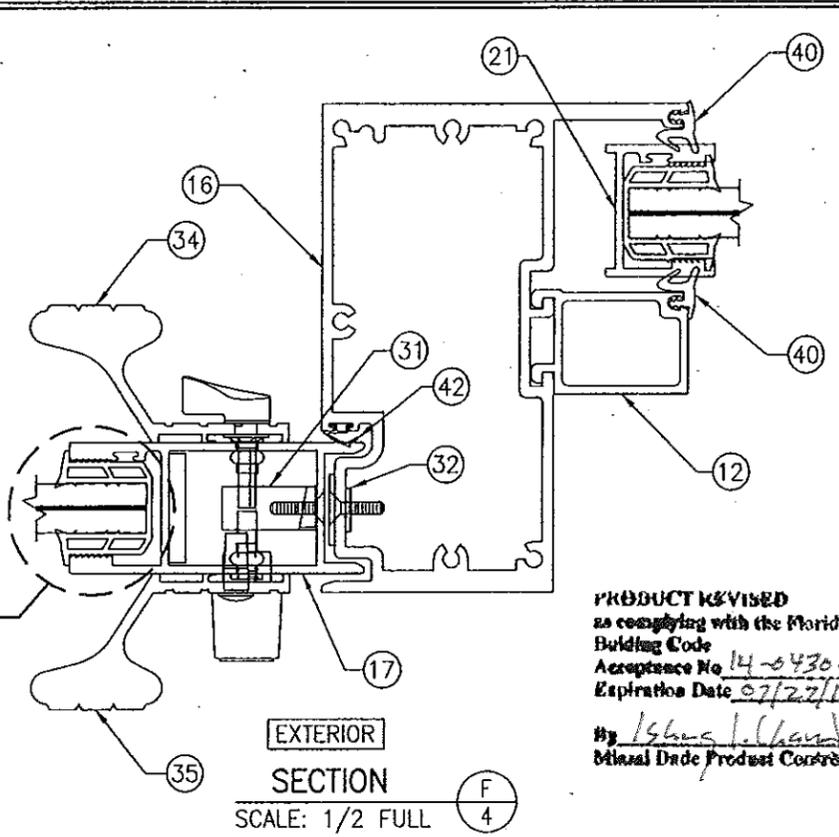


NOTE: 2 ANCHOR ROWS ARE SHOWN. 1 ROW ALSO APPLIES PER THE ELEVATIONS. WHEN 1 ROW IS USED, IT MAY BE POSITIONED AT EITHER THE INTERIOR OR EXTERIOR POSITION SHOWN.

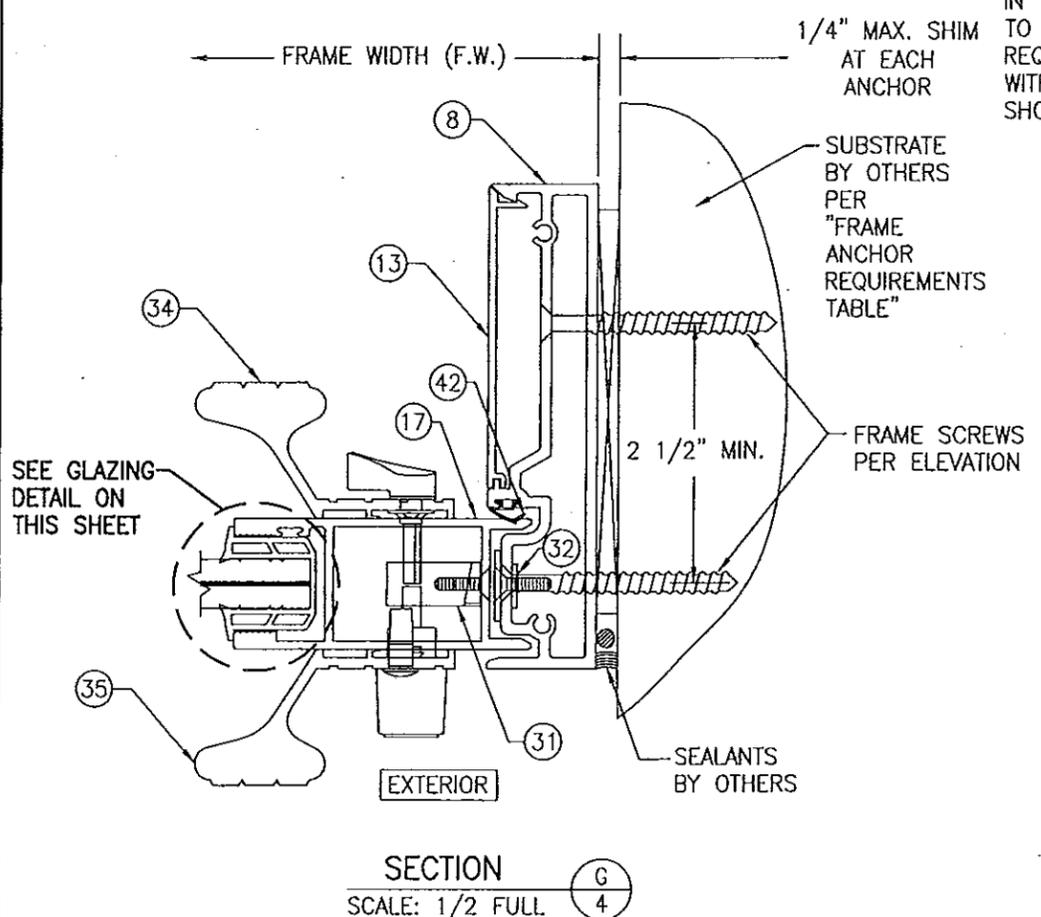


SEE GLAZING DETAIL ON THIS SHEET

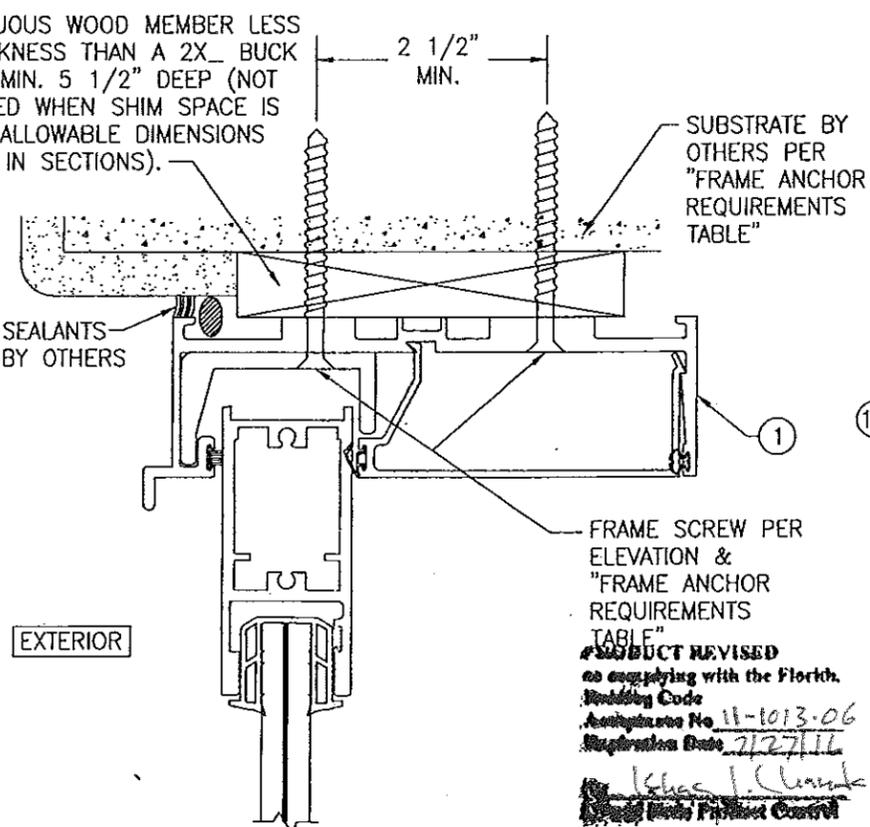
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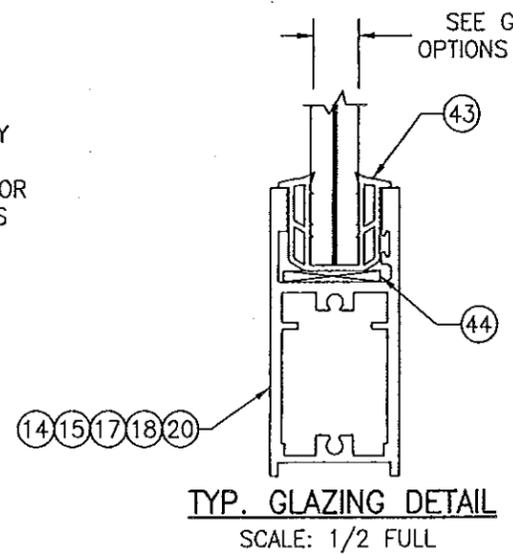
PRODUCT REVISED as complying with the Florida Building Code  
Acceptance No. 14-0430.0  
Expiration Date 07/27/16  
By: *Ishag I. Chant*  
Miami Dade Product Control



CONTINUOUS WOOD MEMBER LESS IN THICKNESS THAN A 2X BUCK TO BE MIN. 5 1/2" DEEP (NOT REQUIRED WHEN SHIM SPACE IS WITHIN ALLOWABLE DIMENSIONS SHOWN IN SECTIONS).



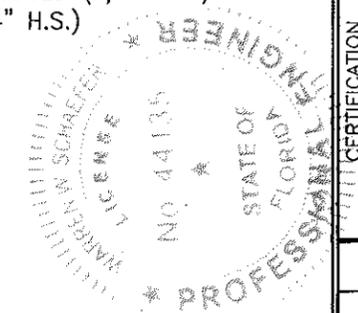
SEE GLASS OPTIONS BELOW



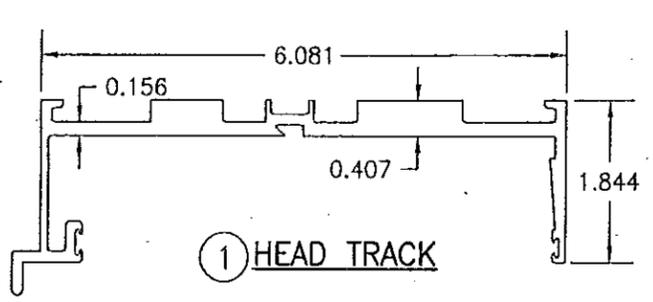
GLASS OPTION 1: 9/16" LAMINATED (1/4" H.S./0.06 SOLUTIA SAFLEX IIIIG PVB/1/4" H.S.)  
GLASS OPTION 2: 9/16" LAMINATED (1/4" H.S./0.09 SOLUTIA SAFLEX IIIIG PVB/1/4" H.S.)

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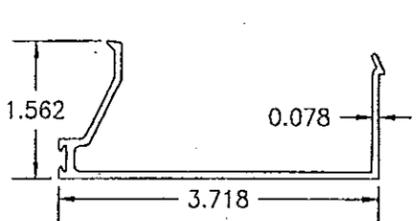
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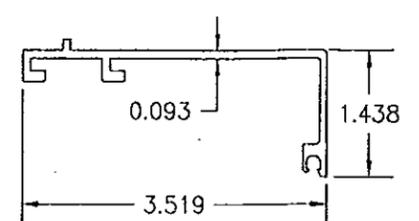
DRAWN BY: W.R.M.		CHECKED BY: W.W.S.	
PLOT: 1=2		DATE: 01/24/06	
NO.	REVISION DESCRIPTION	BY	DATE
DRAWING TITLE: HPX SMALL MISSILE IMPACT SLIDING GLASS DOOR			
CONSULTANTS: W. W. SCHAEFER ENGINEERING & CONSULTING, P.A. (CA 6809) 7480 150TH COURT NORTH, PALM BEACH GARDENS, FL 33418 PHONE: 561-744-3424		MANUFACTURER: KAWNEER COMPANY, INC. 555 GUTHRIDGE COURT NORCROSS, GA 30092 770-449-5555	
CERTIFICATION: FEB 07 2011		REV. A	
DRAWING NO. 1469		SHEET NO. 4 OF 6	



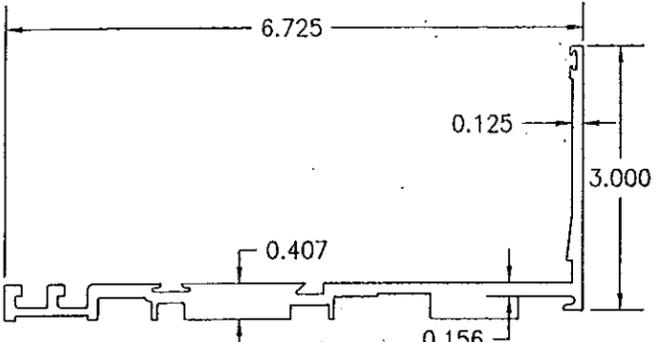
① HEAD TRACK



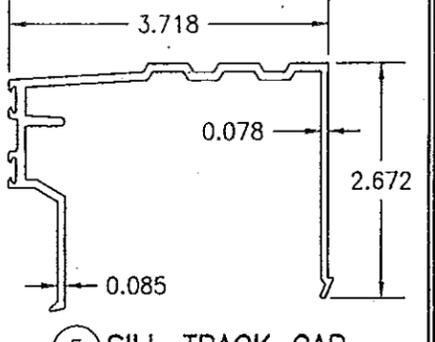
② HEAD TRACK CAP



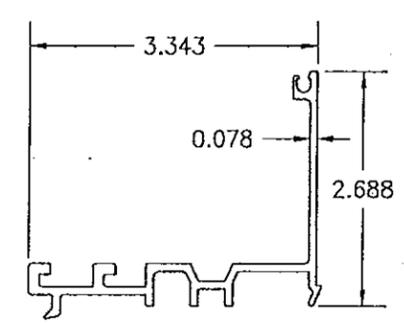
③ TRACK FILLER



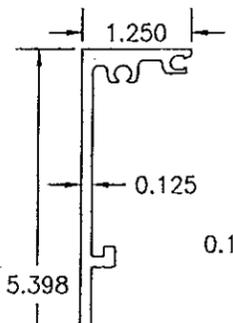
④ SILL TRACK



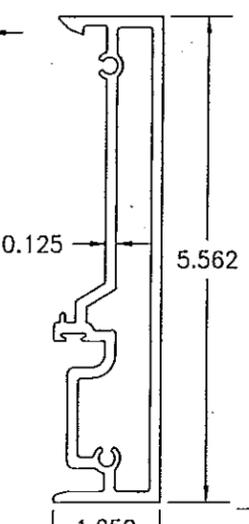
⑤ SILL TRACK CAP



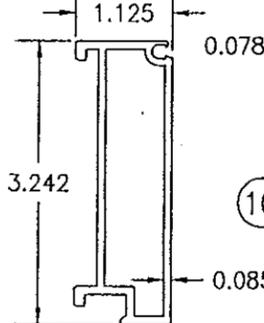
⑥ SILL TRACK FILLER



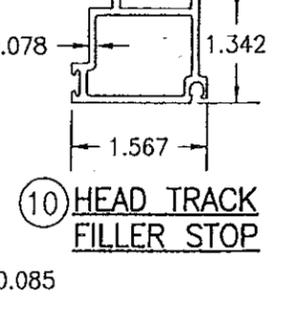
⑦ FIXED JAMB BASE



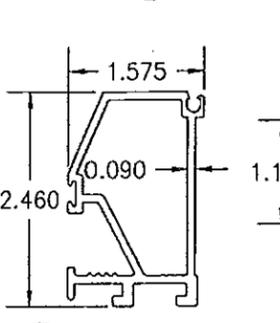
⑧ TWO PIECE LOCK JAMB



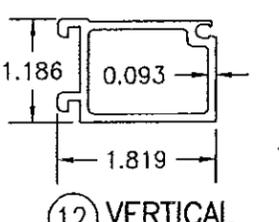
⑨ FIXED JAMB STOP



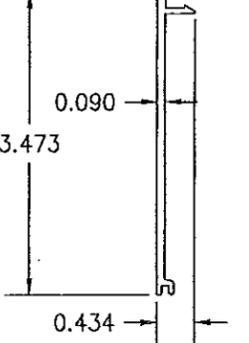
⑩ HEAD TRACK FILLER STOP



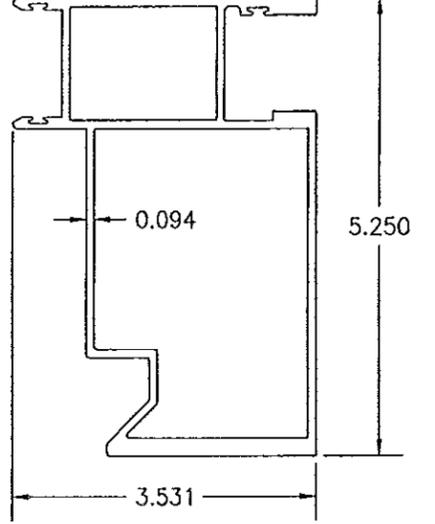
⑪ SILL TRACK STOP



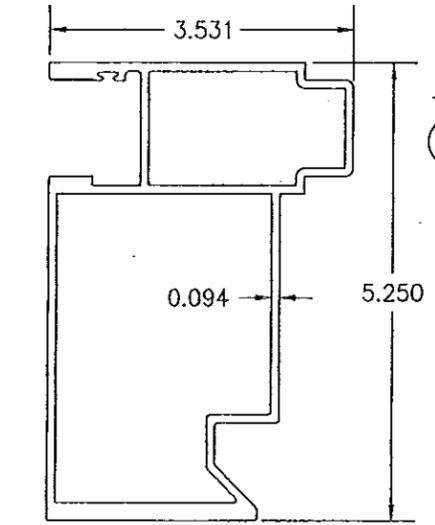
⑫ VERTICAL STOP



⑬ OPEN BACK FILLER



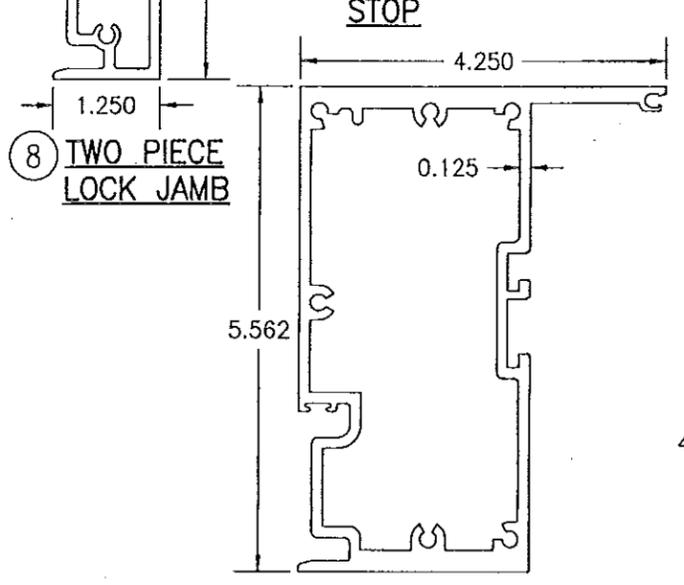
⑭ LOCK STILE - OXXO



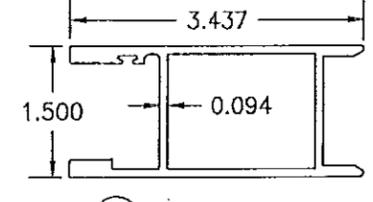
⑮ LATCH STILE - OXXO



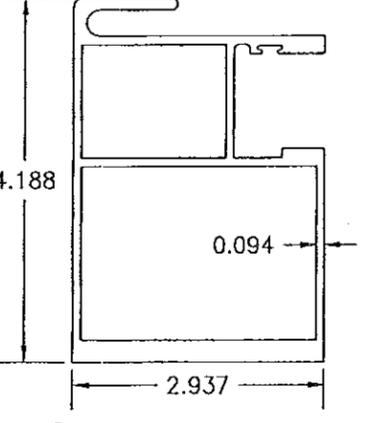
⑦ FIXED JAMB BASE



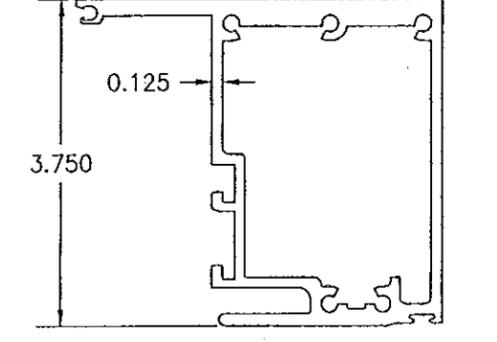
⑯ LOCK STILE MULLION



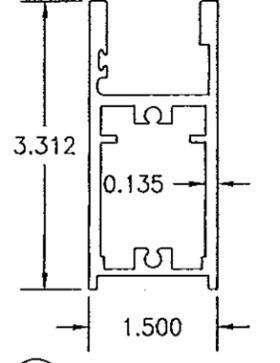
⑰ LOCK STILE



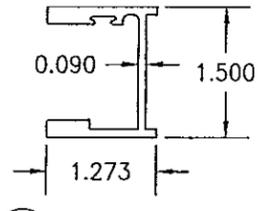
⑱ INTERLOCK STILE



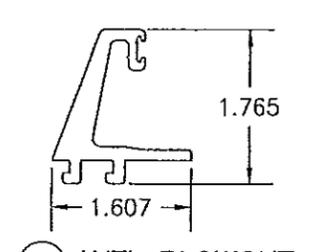
⑲ FIXED INTERIOR INTERLOCK



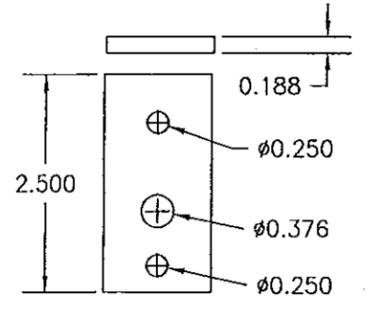
⑳ TOP & BOTTOM RAIL



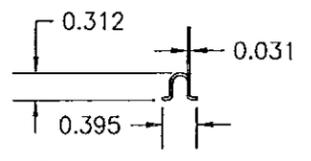
㉑ FIXED PANEL VERTICAL RAIL



㉒ ANTI-BLOWOUT ADAPTOR



㉓ CORNER REINFORCING PLATE

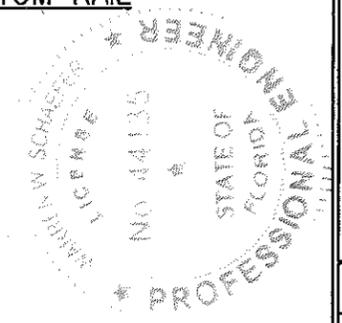


㉔ SILL TRACK

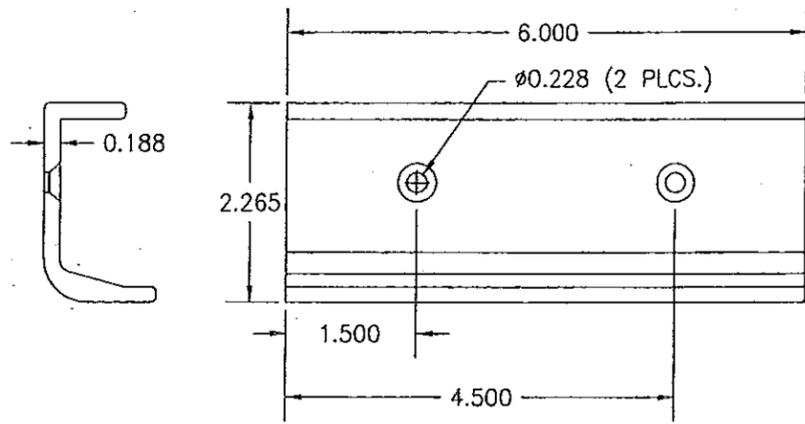
PRODUCT REVISED  
to comply with the Florida  
Building Code  
Acceptance No. 11-1013-06  
Expiration Date 7/27/16  
By *Ishag I. Chaudhry*  
Miami Dade Product Control

PRODUCT REVISED  
to comply with the Florida  
Building Code  
Acceptance No. 14-0430-01  
Expiration Date 07/27/16  
By *Ishag I. Chaudhry*  
Miami Dade Product Control

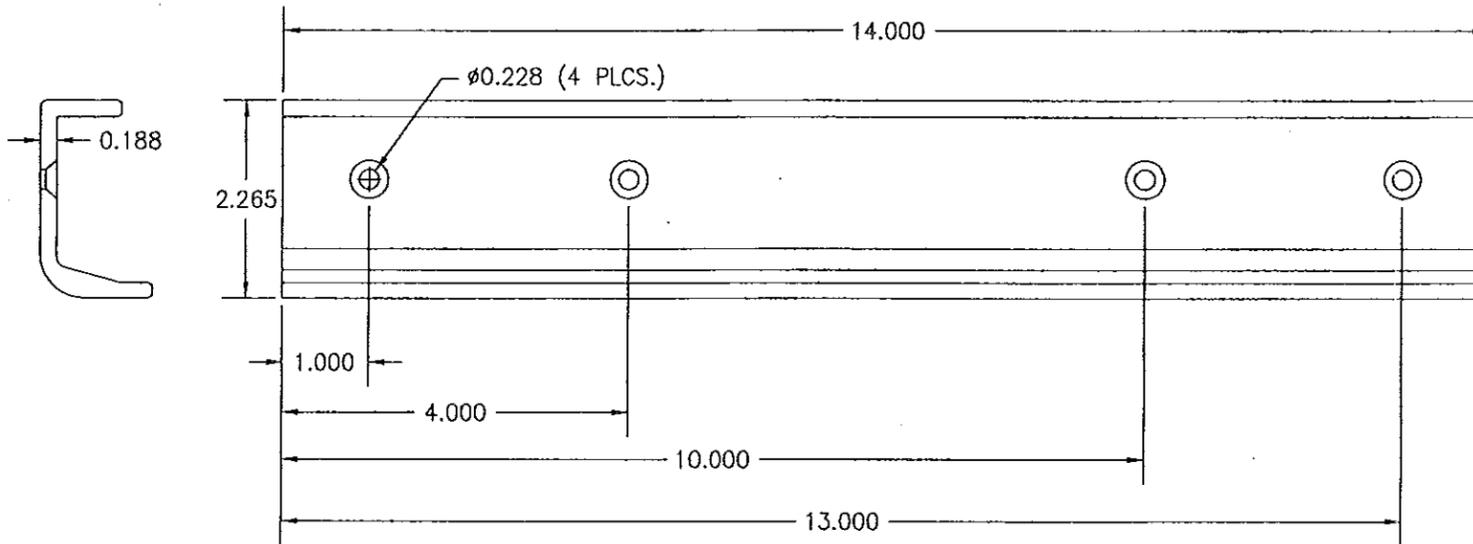
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Building Code  
Acceptance No. 10-0708-05  
Expiration Date July 27, 2016  
By *Ishag I. Chaudhry*  
Miami Dade Product Control



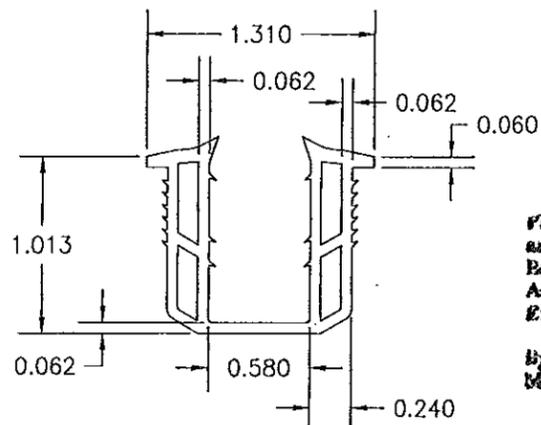
DRAWN BY: W.R.M.		CHECKED BY: W.W.S.	
PLOT: 1=2		DATE: 01/24/06	
NO.	REVISION DESCRIPTION	BY	DATE
DRAWING TITLE: HPX SMALL MISSILE IMPACT SLIDING GLASS DOOR			
CONSULTANTS		MANUFACTURER	
W. W. SCHAEFER ENGINEERING & CONSULTING, P.A. (CA 6809) 7480 150TH COURT NORTH PALM BEACH GARDENS, FL 33418 PHONE: 561-744-3424		KAWNEER COMPANY, INC. 555 GUTHRIDGE COURT NORCROSS, GA 30092 770-449-5555	
CERTIFICATION			
FEB 07 2011			
DRAWING NO. 1469		REV. A	
SHEET NO. 5 OF 6			



25 6" HEAD TRACK REINFORCEMENT



26 14" HEAD TRACK REINFORCEMENT - OXXO



43 GLAZING CHANNEL FULL SIZE

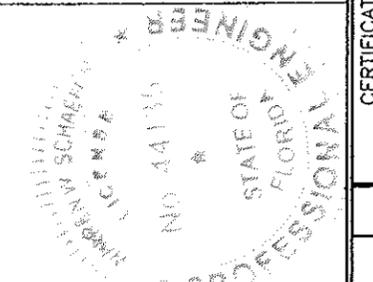
PRODUCT REVISED  
 as complying with the Florida  
 Building Code  
 Acceptance No. 14-0430-01  
 Expiration Date July 27, 2016  
 By *Isaac J. Chant*  
 Miami Dade Product Control

TENSILE STRENGTH = 2350 PSI  
 ELONGATION AT BREAK = 275%  
 TANGENT MODULOUS = 2820 PSI  
 DUROMETER = 85 +/- 3  
 SPECIFIC GRAVITY = 1.32  
 MASS GAIN = -4%

ITEM #	PART #	ITEM DESCRIPTION	MANUFACTURER/NOTES
PARTS			
1	592-028	HEAD TRACK	6063-T6 ALUMINUM
2	592-005	HEAD TRACK CAP	6063-T6 ALUMINUM
3	592-007	HEAD TRACK FILLER	6063-T6 ALUMINUM
4	592-029	SILL TRACK	6063-T6 ALUMINUM
5	592-027	SILL TRACK CAP	6063-T6 ALUMINUM
6	592-011	SILL TRACK FILLER	6063-T6 ALUMINUM
7	592-023	FIXED JAMB BASE	6063-T6 ALUMINUM
8	591-070	TWO PIECE LOCK JAMB	6063-T6 ALUMINUM
9	592-024	FIXED JAMB STOP	6063-T6 ALUMINUM
10	592-008	HEAD TRACK FILLER STOP	6063-T6 ALUMINUM
11	592-026	SILL TRACK STOP	6063-T6 ALUMINUM
12	592-022	VERTICAL STOP	6063-T6 ALUMINUM
13	162-021	OPEN BACK FILLER	6063-T6 ALUMINUM
14	592-021	LOCK STILE - OXXO	6063-T6 ALUMINUM
15	591-039	LATCH STILE - OXXO	6063-T6 ALUMINUM
16	592-013	LOCK STILE MULLION	6063-T6 ALUMINUM
17	592-014	LOCK STILE	6063-T6 ALUMINUM
18	592-017	INTERLOCK STILE	6063-T6 ALUMINUM
19	592-016	FIXED INTERIOR INTERLOCK	6063-T6 ALUMINUM
20	592-018	TOP & BOTTOM RAIL	6063-T6 ALUMINUM
21	592-012	FIXED PANEL VERTICAL RAIL	6063-T6 ALUMINUM
22	592-009	ANTI-BLOWOUT ADAPTOR	6063-T6 ALUMINUM
23	590-403	CORNER REINFORCING PLATE	6063-T6 ALUMINUM
24	925-393	SILL TRACK	310 STAINLESS STEEL
25	592-405	6" HEAD TRACK REINFORCEMENT	6063-T6 ALUMINUM
26	592-406	14" HEAD TRACK REINFORCEMENT - OXXO	6063-T6 ALUMINUM
HARDWARE			
30	594-451	TANDEM WHEEL ASSEMBLY	STAINLESS STEEL
31	911-581	LATCH LOCK (2 PER PANEL)	ADAMS RITE 1847 (STAINLESS STEEL)
32	089-426	LOCK STRIKE & BACKER PLATE	STAINLESS STEEL
33	591-412	INTERIOR PULL AS REQ'D	6063-T6 ALUMINUM
34	591-415	INTERIOR PULL AS REQ'D	6063-T6 ALUMINUM
35	591-416	EXTERIOR PULL AS REQ'D	6063-T6 ALUMINUM
36	591-417	EXTERIOR PULL AS REQ'D	6063-T6 ALUMINUM
SEALS AND SEALANTS			
39	027-088	PILE WEATHER STIPPING	PB 9322 POLY BOND
40	027-074	FIXED GASKET (70+/-5 DUROMETER)	EPDM BY KRP
41	027-579	BULB WEATHER STRIP	INTEK #50230A
42	027-110	WEATHERING GASKET	G.E. GELOY BY ASTRO PLASTICS
43	127-003	GLAZING CHANNEL	FLEXIBLE PVC UNITED PLASTICS CORP
44	027-423	SETTING BLOCK	EPDM BY KRP
MISC. FASTENERS			
47	977-108	NO. 10 X 1/2" PFHTFS	2 13/16" FROM ENDS & MAX. 6" O.C.

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DRAWN BY: W.R.M.	CHECKED BY: W.W.S.
PLOT: 1=2	DATE: 01/24/06
DATE	
BY	
REVISION DESCRIPTION	
NO.	
DRAWING TITLE HPX SMALL MISSILE IMPACT SLIDING GLASS DOOR	
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 FEB 07 2011 WARREN W. SCHAEFER, P.E. P.E. NO. 44135	
DRAWING NO. 1469	REV. A
SHEET NO. 6 OF 6	