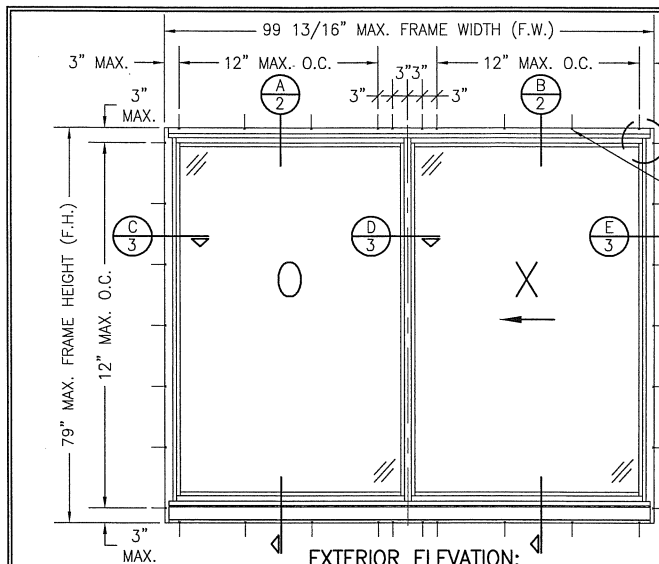




**EXTERIOR ELEVATION:
2 PANEL SLIDING WINDOW**

OX SHOWN, XO ALSO APPLIES
SCALE: 1/2"=1'-0"

CORNER CONSTRUCTION:

JAMB CORNERS:

HEAD: COPED, BUTTED AND JOINED WITH (2) NO. 8 X 1 1/4" PH TORX FASTENERS AND SEALED WITH TREMCO-TREMSIL 600 SEALANT.
SILL: COPED, BUTTED AND JOINED WITH (4) NO. 8 X 1 1/4" PH TORX FASTENERS AND SEALED WITH TREMCO-TREMSIL 600 SEALANT.

PANEL CORNERS:

VERTICAL MEMBERS ARE NOTCHED WHILE THE HORIZONTAL MEMBERS ARE SQUARE CUT AND JOINED TO THE VERTICAL MEMBERS WITH TWO (2) NO. 8 X 1 1/4" PH TORX FASTERS AND SEALED WITH TREMCO-TREMSIL 600 SEALANT.

FRAME ANCHOR REQUIREMENTS TABLE

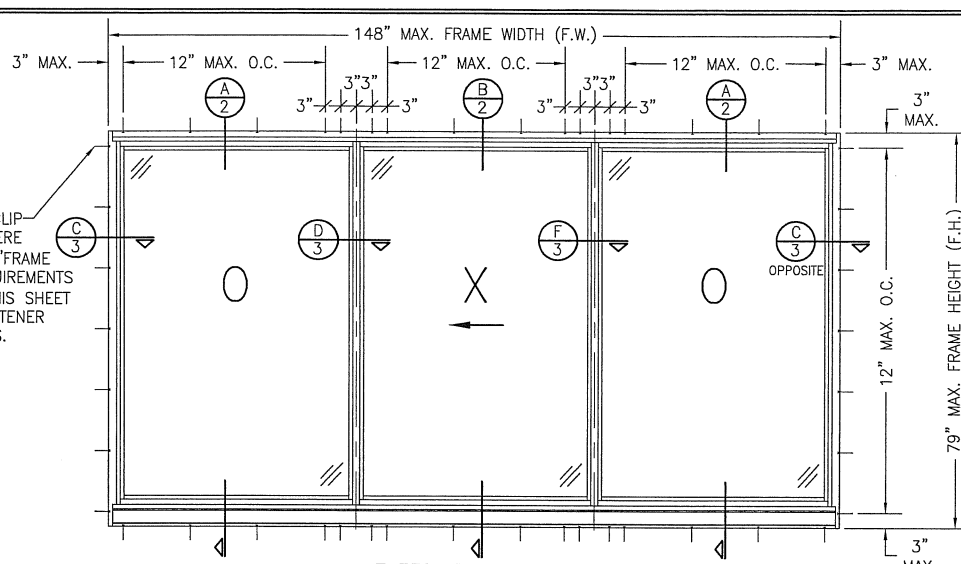
FRAME CLIP ANCHORS			
OPENING TYPE (SUBSTRATE)	JAMB TO OPENING FASTENER TYPE	MINIMUM EMBED	MINIMUM EDGE DIST.
2X_ WOOD FRAME OR BUCK	NO. 12 SCREW	1 3/8"	3/4"
MIN. 1800 PSI CMU/BLOCK	(1) 1/4" CONCRETE SCREW	1 1/4"	2"
MIN. 2500 PSI CONCRETE	(1) 1/4" CONCRETE SCREW	1 1/4"	2"
MIN. 16 GAGE 50 KSI METAL STUD	NO. 10 GR. 5 SELF TAPPING/DRILLING SCREW	FULL	1/2"
MIN. 1/8" THK. ALUMINUM OR STEEL	NO. 10 GR. 5 SELF TAPPING/DRILLING SCREW	FULL	1/2"
MULLION CLIP ANCHORS			
2X_ WOOD FRAME OR BUCK	NO. 12 SMS SCREW	1 3/8"	3/4"
MIN. 2500 PSI CONCRETE	(1) 1/4" CONCRETE SCREW	1 1/4"	2"
MIN. 16 GAGE 50 KSI METAL STUD	1/4" GR. 5 SELF TAPPING/DRILLING SCREW	FULL	1/2"
MIN. 1/8" THK. ALUMINUM OR STEEL	1/4" GR. 5 SELF TAPPING/DRILLING SCREW	FULL	1/2"

(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.).

EVALUATION OF THIS PRODUCT IS BASED ON APPLICABLE STANDARDS AND/OR INFORMATION & RESULTS FROM APPLICABLE TEST REPORTS. THE FLORIDA BUILDING CODE VERSION CONSIDERED WITH THIS EVALUATION WAS THAT IN FORCE AT THE TIME OF THE EVALUATION. IN THE EVENT OF CODE VERSION CHANGES/UPDATES OR IN THE EVENT THAT NEW OR ADDITIONAL TESTING IS COMPLETED ON THIS PRODUCT, PRIOR TO STATING CODE COMPLIANCE WITH THE STATE, THE MANUFACTURER SHALL CONFIRM WITH THE EVALUATION ENGINEER OF RECORD THAT EVERYTHING SPECIFIED HERE-IN IS CURRENT WITH ALL CURRENT TESTING, CODES AND APPLICABLE STANDARDS.

GENERAL NOTES:

1. THIS PRODUCT HAS 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. THIS PRODUCT HAS BEEN DESIGNED IN ACCORDANCE WITH AND MEETS THE REQUIREMENTS OF THE FLORIDA BUILDING CODE (FBC) FOR NON-HIGH VELOCITY HURRICANE ZONES (NON-HVHZ).
5. THIS PRODUCT IS NON-IMPACT RATED & MUST BE SHUTTERED WITH A FLORIDA CODE APPROVED SHUTTER WHERE REQUIRED BY CODE.
6. ALL ANCHORS SECURING PRODUCT FRAMES TO PRESSURE TREATED BUCKS OR WOOD FRAMING SHALL BE CAPABLE OF RESISTING CORROSION CAUSED BY THE PRESSURE TREATING CHEMICALS IN THE WOOD.
7. 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.
8. MATERIALS, INCLUDING BUT NOT LIMITED TO STEEL SCREWS, THAT COME INTO CONTACT WITH OTHER DISSIMILAR MATERIALS SHALL MEET THE REQUIREMENTS OF FLORIDA BUILDING CODE.
9. TO THE BEST OF OUR KNOWLEDGE, THE PRODUCT SHOWN HEREIN IS QUALITY ASSURED BY A FLORIDA STATE APPROVED CERTIFICATION/OA ENTITY & SHALL BE LABELED IN ACCORDANCE WITH THE FBC AND THE FLORIDA DEPARTMENT OF BUSINESS & PROFESSIONAL REGULATION SPECIFICATIONS. THESE DRAWINGS SHOW ALL APPLICABLE ELEVATION, COMBINATION, INSTALLATION & COMPARATIVE ANALYSIS CONDITIONS AS DETERMINED THROUGH TESTING & ENGINEERING RATIONAL ANALYSIS. PRODUCT ASSEMBLY SHALL BE IN ACCORDANCE WITH THESE DRAWINGS, THE MANUFACTURER'S QUALITY ASSURANCE SPECIFICATIONS & TESTING REPORTS.
10. CERTIFICATION OF THIS PRODUCT SHALL BE CONSIDERED VOID IF IT IS INSTALLED WITHOUT A BUILDING PERMIT FROM THE APPLICABLE LOCAL BUILDING DEPARTMENT OR IF IT IS INSTALLED BY ANYONE OTHER THAN A LICENSED CONTRACTOR EXPERIENCED WITH INSTALLATIONS OF THIS TYPE OF PRODUCT.



**EXTERIOR ELEVATION:
3 PANEL SLIDING WINDOW**

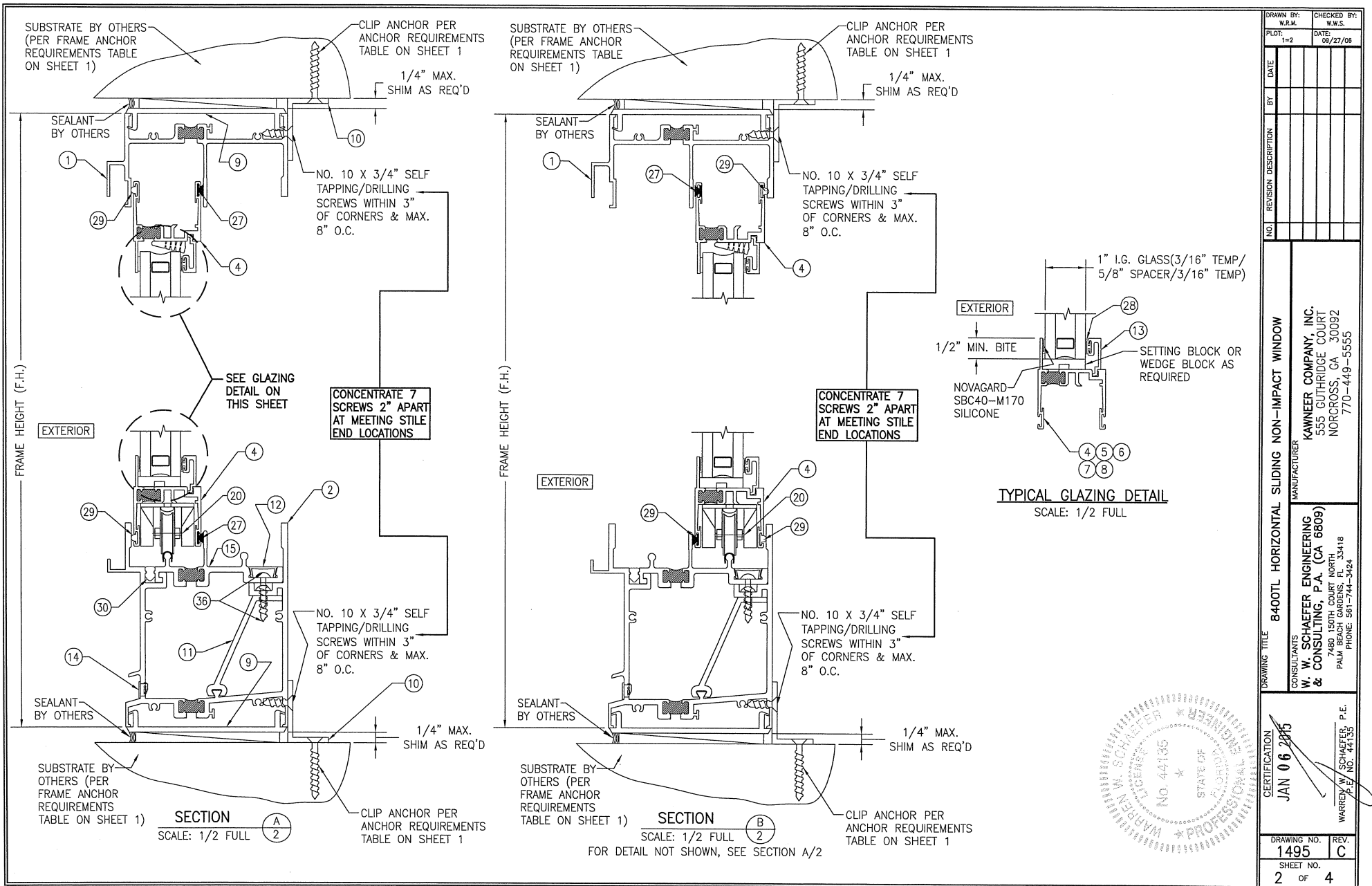
SCALE: 1/2"=1'-0"
(FOR DETAIL NOT SHOWN, SEE OX SLIDING WINDOW.)

ALLOWABLE DESIGN PRESSURE
(ALL WINDOWS)

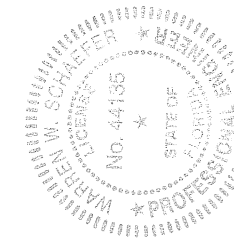
+/-70 PSF

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.

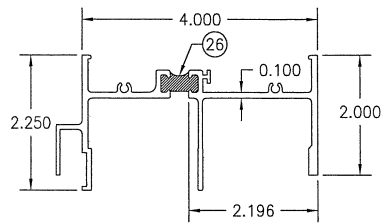
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PLOT: 1=24		DATE: 09/27/08	
NO.	REVISION DESCRIPTION	DATE	BY
A1	UPDATE TO PRESENT STANDARDS	05/28/08	W.R.M.
B1	UPDATE TO PRESENT STANDARDS	08/24/11	W.R.M.
C1	UPDATE TO PRESENT STANDARDS	12/15/14	W.W.S.
DRAWING TITLE: 8400TL HORIZONTAL SLIDING NON-IMPACT WINDOW			
MANUFACTURER: KAWNEER COMPANY, INC. 555 GUTHRIE COURT NORCROSS, GA 30092 770-449-5555		CONSULTANTS: W. W. SCHAEFER ENGINEERING & CONSULTING, P.A. (CA 6809) 7480 130TH COURT NORTH PALM BEACH GARDENS, FL 33418 PHONE: 561-744-3424	
CERTIFICATION: JAN 06 2015		WARREN W. SCHAEFER, P.E. P.E. NO. 44135	
DRAWING NO. 1495		REV. C	
SHEET NO. 1		OF 4	



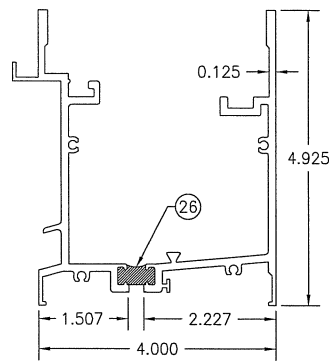
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PLOT: 1-2	DATE: 08/27/06
DATE	
BY	
REVISION DESCRIPTION	
NO.	
DRAWING TITLE B400TL HORIZONTAL SLIDING NON-IMPACT WINDOW	
MANUFACTURER KAWNEER COMPANY, INC. 555 GUTHRIE COURT NORCROSS, GA 30092 770-449-5555	
CONSULTANTS W. W. SCHAEFER ENGINEERING & CONSULTING, P.A. (CA 6809) 7480 130TH COURT NORTH PALM BEACH GARDENS, FL 33418 PHONE: 561-744-3424	
CERTIFICATION JAN 06 2015 WARREN W. SCHAEFER, P.E. No. 44135	
DRAWING NO. 1495	REV. C
SHEET NO. 2 OF 4	



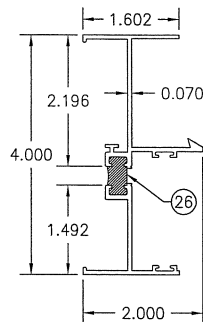
DRAWING NO. 1495		REV. C	
SHEET NO. 3 OF 4		CERTIFICATION JAN 06 2015 WARENE W. SCHAEFER, P.E. P.E. NO. 44135	
DRAWING TITLE 8400TL HORIZONTAL SLIDING NON-IMPACT WINDOW			
CONSULTANTS W. W. SCHAEFER ENGINEERING & CONSULTING, P.A. (CA 6809)		MANUFACTURER KAWNEER COMPANY, INC. 555 GUTHRIE COURT NORCROSS, GA 30092 770-449-5555	
DRAWN BY: W.R.M.		CHECKED BY: W.W.S.	
PLOT: 1=2		DATE: 09/27/06	
NO	REVISION DESCRIPTION	BY	DATE



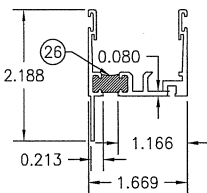
① FRAME HEAD



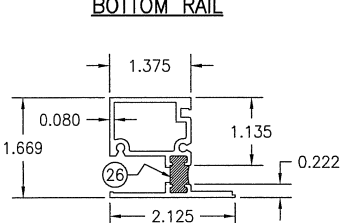
② SILL



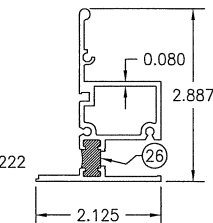
③ FRAME JAMB



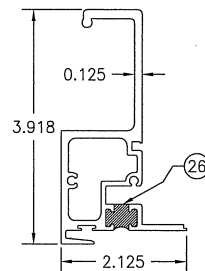
④ TOP & BOTTOM RAIL



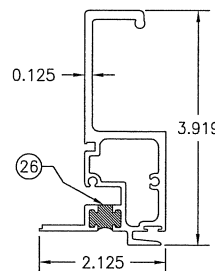
⑤ FIXED JAMB STILE



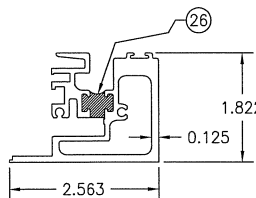
⑥ ACTIVE STILE



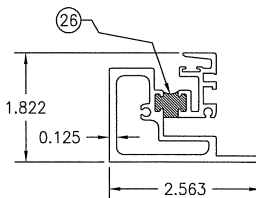
⑦A ACTIVE MEETING LOCK STILE



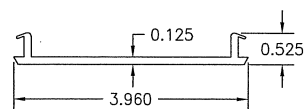
⑦B ACTIVE MEETING INTERLOCK STILE



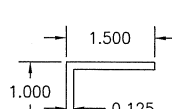
⑧A KEEPER LOCK STILE



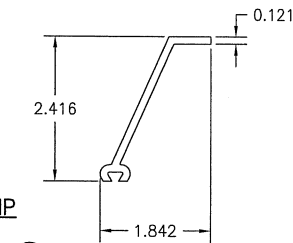
⑧B KEEPER INTERLOCK STILE



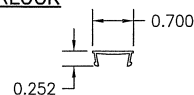
⑨ PERIMETER REINFORCEMENT



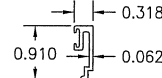
⑩ CONTINUOUS FRAME MOUNTING CLIP



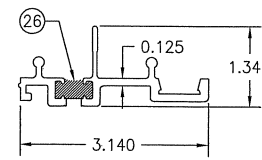
⑪ SILL REINFORCEMENT



⑫ SCREW COVER



⑬ GLAZING BEAD



⑮ SILL INSERT

ITEM #	PART #	ITEM DESCRIPTION	MANUFACTURER/NOTES
PARTS			
1	345-202	FRAME HEAD	6063-T6 ALUMINUM
2	345-203	SILL	6063-T6 ALUMINUM
3	245-269	FRAME JAMB	6063-T6 ALUMINUM
4	345-351	TOP & BOTTOM RAIL	6063-T6 ALUMINUM
5	345-352	FIXED JAMB STILE	6063-T6 ALUMINUM
6	245-350	ACTIVE STILE	6063-T6 ALUMINUM
7A	345-355	ACTIVE MEETING LOCK STILE	6063-T6 ALUMINUM
7B	345-354	ACTIVE MEETING INTERLOCK STILE	6063-T6 ALUMINUM
8A	345-353	KEEPER LOCK STILE	6063-T6 ALUMINUM
8B	345-357	KEEPER INTERLOCK STILE	6063-T6 ALUMINUM
9	245-435	PERIMETER REINFORCEMENT	PVC
10	027-963	FRAME MOUNTING CLIP	6063-T6 ALUMINUM
11	345-006	SILL REINFORCEMENT	6063-T6 ALUMINUM
12	420-035	SCREW COVER	6063-T6 ALUMINUM
13	245-194	GLAZING BEAD	6063-T6 ALUMINUM
14	245-521	WEEP COVER	PVC
15	345-205	SILL INSERT	6063-T6 ALUMINUM
HARDWARE			
20	245-421,422	ROLLER & TRACK ASSEMBLY	KENCO, PDDI
21	245-400	LOCK KEEPER	KAWNEER - WHITE BRONZE
22	245-460	SWEEP LOCK	KAWNEER - WHITE BRONZE
SEALS AND SEALANTS			
26	-	DEBRIDGING	2-PART POLYURETHANE
27	127-098	PILE WEATHERSTRIP	POLYPROPYLENE
28	127-077	BULB WEATHERSTRIP	TPE/POLYPROPYLENE
29	127-076	VINYL SPACER	RIGID PVC
30	127-038	VINYL SPACER	RIGID PVC
MISC. FASTENERS			
34	-	NO. 6 X 3/8" S.S. SCREW	2 PER LOCK KEEPER
35	-	NO. 10 X 1/2" S.S. SCREW	2 PER SWEEP LOCK
36	128-507	NO. 10 X 3/4" S.S. SCREW	6" FROM ENDS & 18" O.C.

DRAWN BY: W.R.M.		CHECKED BY: W.W.S.	
PLOT: 1=2		DATE: 09/27/06	
DATE	BY	REVISION	DESCRIPTION
DRAWING TITLE: 8400TL HORIZONTAL SLIDING NON-IMPACT WINDOW MANUFACTURER: KAWNEER COMPANY, INC. CONSULTANTS: W. W. SCHAEFER ENGINEERING & CONSULTING, P.A. (CA 6809) 7480 130TH COURT NORTH PALM BEACH GARDENS, FL 33418 PHONE: 361-744-3424			
CERTIFICATION JAN 06 2008 W. W. SCHAEFER, P.E. No. 44136 STATE OF FLORIDA PROFESSIONAL ENGINEER		DRAWING NO. 1495 SHEET NO. 4 OF 4 REV. C	