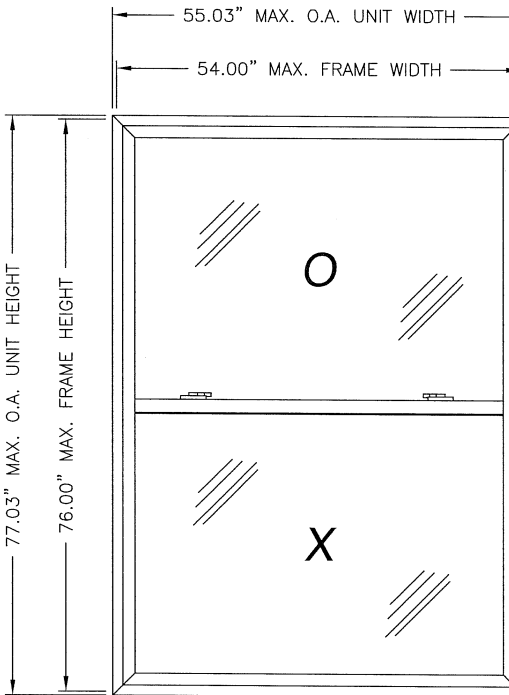


MODEL 3100 EXTRUDED PVC SINGLE HUNG WINDOW WITH FLANGE "IMPACT"

GENERAL NOTES

1. THIS PRODUCT HAS BEEN EVALUATED AND IS IN COMPLIANCE WITH THE 2004 FLORIDA BUILDING CODE EXCLUDING THE "HIGH VELOCITY HURRICANE ZONE".
2. PRODUCT ANCHORS SHALL BE AS LISTED AND SPACED AS SHOWN ON DETAILS. ANCHOR EMBEDMENT TO BASE MATERIAL SHALL BE BEYOND WALL DRESSING OR STUCCO.
3. WHEN USED IN WIND-BORNE DEBRIS REGIONS EXCLUDING WIND ZONE 4 (> 140 MPH WIND SPEED) THIS PRODUCT COMPLIES WITH SECTION 1609.1.4 OF THE FLORIDA BUILDING CODE AS AN IMPACT RESISTANT PRODUCT AND DOES NOT REQUIRE THE USE OF AN EXTERNAL IMPACT RESISTANT COVERING. THIS PRODUCT DOES NOT MEET THE REQUIREMENTS FOR ENHANCED PROTECTION OF ESSENTIAL FACILITIES AS DEFINED IN ASTM E1996.
4. FOR 2X STUD FRAMING CONSTRUCTION, ANCHORING OF THESE UNITS SHALL BE THE SAME AS THAT SHOWN FOR 2X BUCK MASONRY CONSTRUCTION.
5. CONDITIONS NOT COVERED BY THIS DRAWING ARE SUBJECT TO FURTHER ENGINEERING ANALYSIS.



SINGLE HUNG WINDOW

TABLE OF CONTENTS	
1	TYPICAL ELEVATION, DESIGN PRESSURES & GENERAL NOTES
2	VERTICAL, HORIZONTAL CROSS SECTIONS & GLAZING DETAIL
3	BUCK & FRAME ANCHORING
4	BILL OF MATERIALS & COMPONENTS

OVERALL UNIT DIMENSION	OVERALL FRAME DIMENSION	OVERALL (O) D.L.O. DIMENSION	OVERALL (X) D.L.O. DIMENSION	GLASS TYPE	DESIGN PRESSURE (PSF)	
					POSITIVE	NEGATIVE
55.03"	54.00"	49.14"	49.14"	1/8" ANNEALED - AIR -	+50.0	-50.0
X	X	X	X	1/8" ANNEALED		
77.03"	76.00"	34.69"	34.53"	.090" SOLUTIA SAFLEX 1/8" ANNEALED		

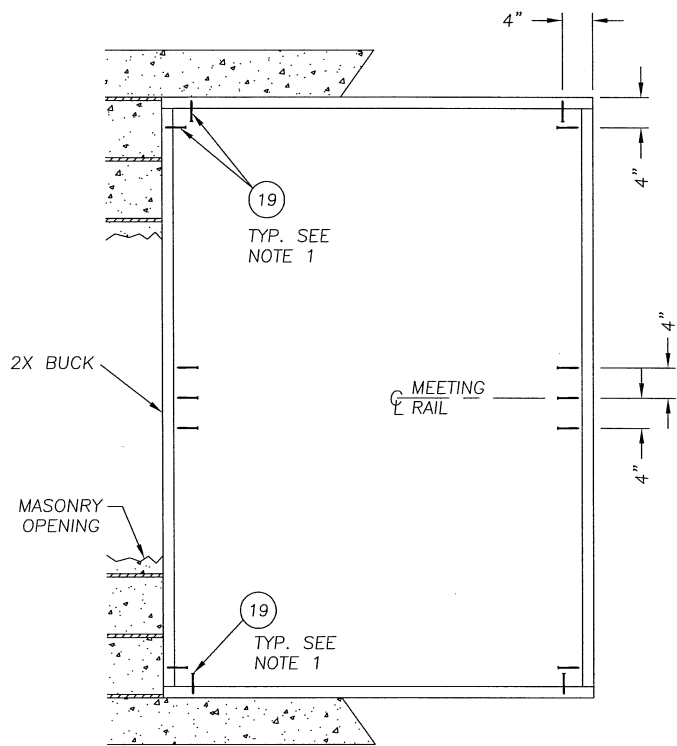
Documents Prepared By:
RW BUILDING CONSULTANTS, INC.
 P.O. Box 230 Valrico FL 33595
 Phone No.: 813.659.9197
 Florida Board of Professional Engineers
 Certificate Of Authorization No. 9813
 5-3-06
 Wendell W. Alford, P.E. No. 54158

PRODUCT: MODEL 3100 EXTRUDED PVC SINGLE HUNG WINDOW WITH FLANGE "IMPACT"
 PART OR ASSEMBLY:

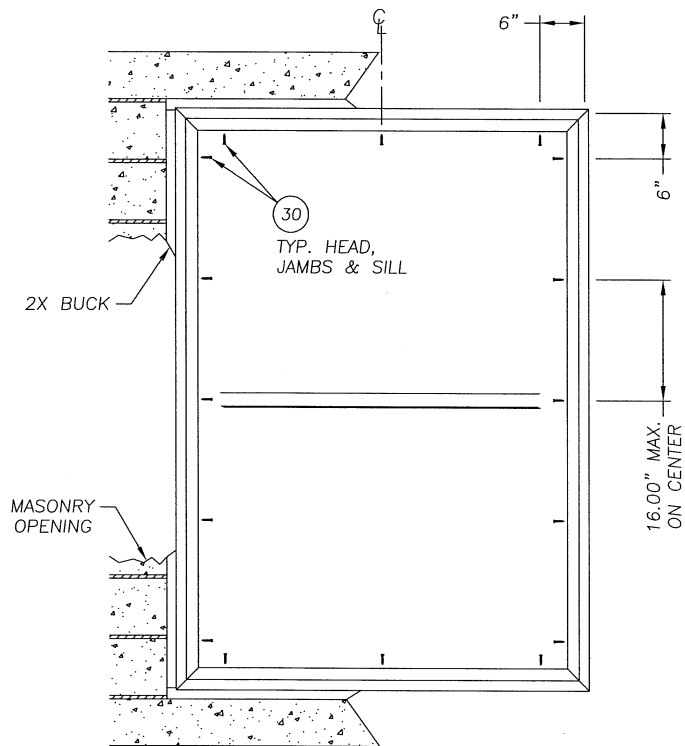
TYPICAL ELEVATION, DESIGN PRESSURES & GENERAL NOTES

NO.	DATE	BY	REVISIONS

DATE: 03/03/06
 SCALE: N.T.S.
 DWG. BY: AEM
 CHK. BY: WWH
 DRAWING NO.: FL-920
 SHEET 1 OF 4



BUCK ANCHORING



FRAME ANCHORING

NOTES:

1. 3/16" TAPCONS REQUIRE A MINIMUM 2" CLEARANCE TO MASONRY EDGES AND A MINIMUM 2-1/4" CLEARANCE TO ADJACENT TAPCONS.

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Wendell W. Henney P.E. No. 3306
 Wendell W. Henney, P.E. No. 54158

PRODUCT: MODEL 3100
 EXTRUDED PVC SINGLE HUNG
 WINDOW WITH FLANGE "IMPACT"
 PART OR ASSEMBLY: BUCK & FRAME ANCHORING

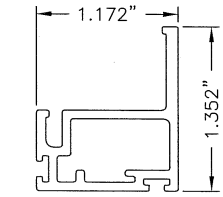
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DATE: 03/03/06
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 DWG. BY: AEM
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 SHEET 3 OF 4

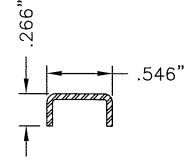
\\wobcvr\wobcvr\proj 901 - 1000\p919\FL-920\FL-920-4.dwg

ITEM	DESCRIPTION	MATERIAL
1	EXTRUDED VINYL HEAD / SILL & JAMB / FRAME BY VEKA INC.	* RIGID PVC
2	EXTRUDED VINYL STILE / RAIL SASH BY VEKA INC.	* RIGID PVC
3	EXTRUDED VINYL SASH INTERLOCK BY VEKA INC.	* RIGID PVC
4	EXTRUDED VINYL FIXED INTERLOCK BY VEKA INC.	* RIGID PVC
5	EXTRUDED VINYL 3/4" GLAZING BEAD BY VEKA INC.	* RIGID PVC
6	EXTRUDED VINYL BALANCE COVER BY VEKA INC.	* RIGID PVC
7	EXTRUDED VINYL SASH STOP BY VEKA INC.	* RIGID PVC
8	SASH INTERLOCK (SH45) REINFORCEMENT BY VEKA	STEEL
9	JAMB STILE (SH46) REINFORCEMENT BY VEKA	STEEL
10	KEEPER RAIL (SH34) REINFORCEMENT BY VEKA	ALUMINUM
11	SILL INSERT REINFORCEMENT BY VEKA	ALUMINUM
12	SWEEP LATCH BY TRUTH (9200/402)	-
13	LATCH KEEPER BY TRUTH (12904)	-
14	TILT LATCH ASSEMBLY BY ASHLAND (76925) RIGHT (NOT SHOWN)	-
15	TILT LATCH ASSEMBLY BY ASHLAND (76825) LEFT (NOT SHOWN)	-
16	BALANCE AND BALANCE SHOES BY CALDWELL (NOT SHOWN)	-
17	PIVOT BARS BY CALDWELL (NOT SHOWN)	-
18	WEEP HOLE COVERS BY ASHLAND (79500) OUTER (NOT SHOWN)	-
19	3/16 x 2-3/4" TAPCON	STEEL
20	PURFECT GLAZE HOT MELT SEALANT (34-937A)	SEALANT
21	3/4" INSULATED LAMINATED GLASS 1/8" ANN. - AIR - / 1/8" ANN./ .090" SOULUTIA SAFLEX / 1/8" ANN.	GLASS
22	SILICONE SEALANT	SILICONE
23	#8 x 3/4" FHP (LOCK) SCREWS BY MERCHANTS (NOT SHOWN)	STEEL
24	#6 x 3/4" FHP (KEEPER) SCREWS BY MERCHANTS (NOT SHOWN)	STEEL
25	#8 x 1" FHP (BALANCE) SCREWS BY MERCHANTS (NOT SHOWN)	STEEL
26	#6 x 3/8" FHP (PIVOT BAR) SCREWS BY CALDWELL (NOT SHOWN)	STEEL
27	#6 x 3/4" FHP (PIVOT BAR) SCREWS BY MERCHANTS (NOT SHOWN)	STEEL
28	#8 x 3" PT (MEETING RAIL) SCREWS BY MERCHANTS (NOT SHOWN)	STEEL
29	#6 x 3" PT (SILL SNAP-IN) SCREWS BY MERCHANTS (NOT SHOWN)	STEEL
30	#10 x 1 1/4" PPH SCREW	STEEL
31	WEATHER PILE .187" x .270" BY AMESBURY	-
32	FOAM BULB SEAL #32684 (BOTTOM SASH) BY AMESBURY	-
33	FOAM BULB SEAL #91250 (BOTTOM SASH) BY AMESBURY	-
34	2X BUCK	WOOD
35	MASONRY	CONCRETE
36	1/4" MAX. SHIM SPACE	WOOD

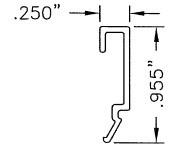
* THE APPROVED WHITE RIGID PVC EXTERIOR EXTRUSIONS FOR WINDOWS ARE TO BE PRODUCED BY EXTRUDERS LICENSEES IN "AAMA CERTIFICATION PROGRAMS FOR RIGID PVC EXTRUSIONS".



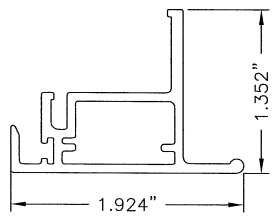
2 STILE / RAIL



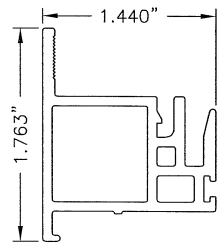
8 SASH INTERLOCK REINF.



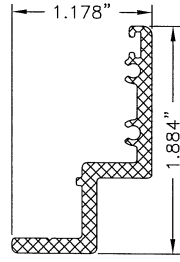
5 GLAZING BEAD



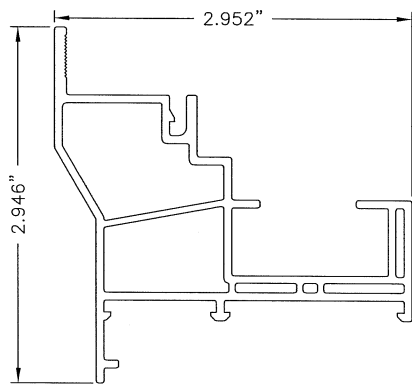
3 SASH INTERLOCK



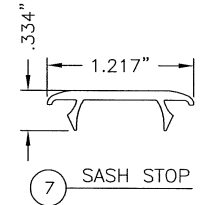
4 FIXED INTERLOCK



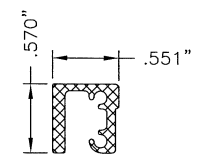
11 SILL INSERT REINF.



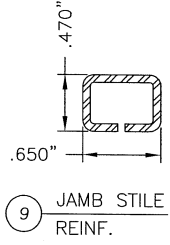
1 HEAD / SILL / JAMB



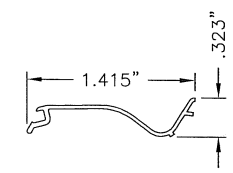
7 SASH STOP



10 KEEPER RAIL REINF.



9 JAMB STILE REINF.



6 BALANCE COVER

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Wendell W. Hervey 3-3-06
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