

SINGLE HUNG ELEVATION (NON-IMPACT) (SHOWN W/ DIFFERENT OPTIONS)

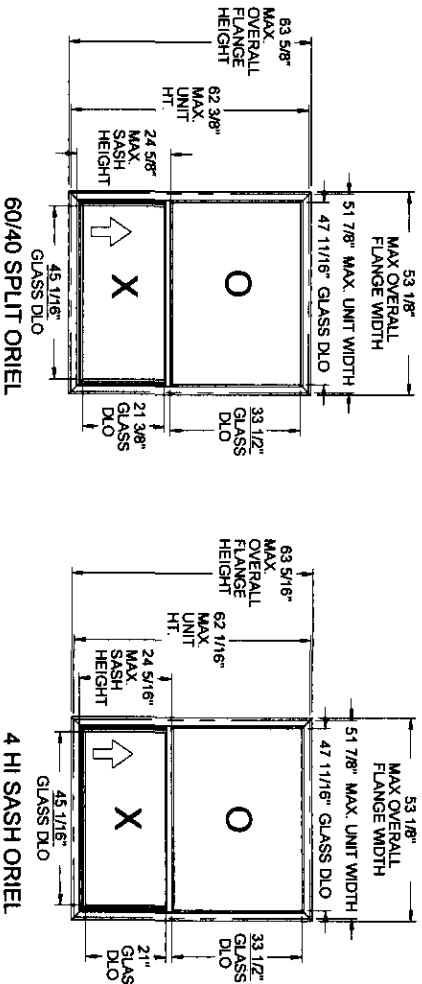
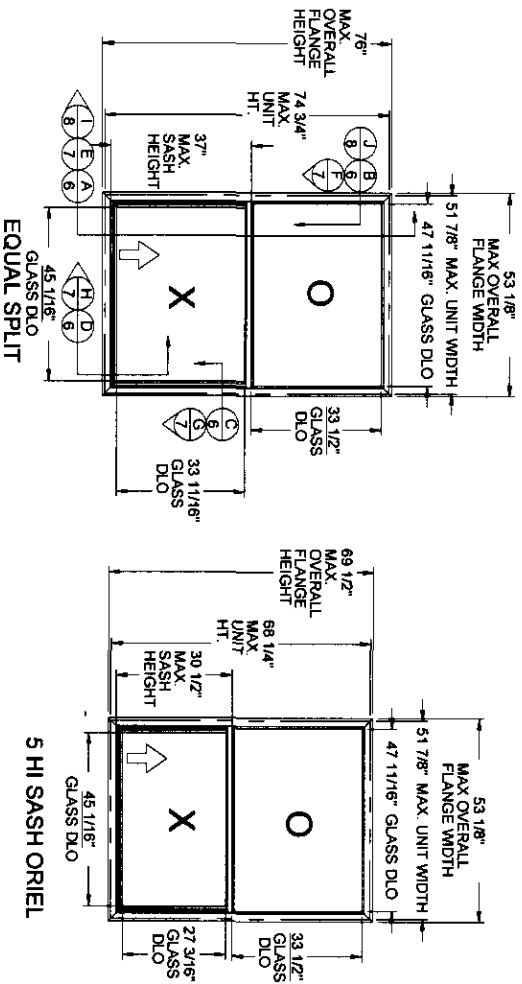


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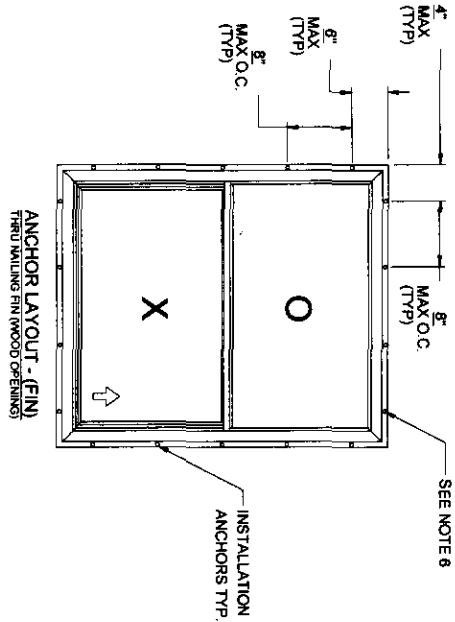
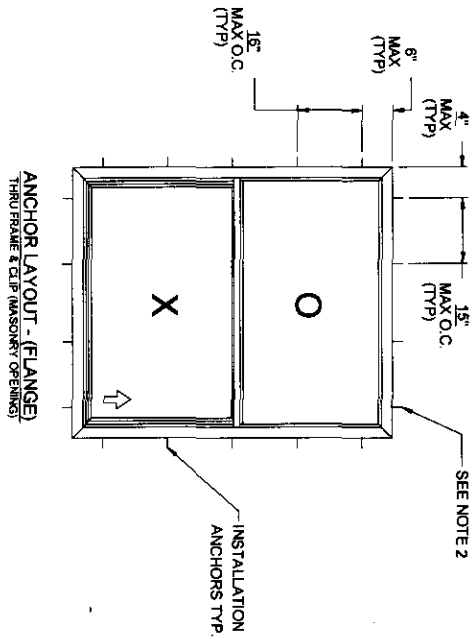
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PVC NON-IMPACT REQUIREMENT:

1. THE PRODUCT SHOWN HEREIN IS DESIGNED AND MANUFACTURED TO COMPLY WITH THE 2004 FLORIDA BUILDING CODE, CURRENT EDITION.
2. GLAZING OPTIONS: (SEE SHEET 3)
3. CONFIGURATIONS: "O/X"
4. DESIGN PRESSURE RATING (SEE SHEET 3):
-NEGATIVE DESIGN LOADS BASED ON, TESTED PRESSURE AND GLASS TABLES ASTM E 1300-02.
-POSITIVE DESIGN LOADS BASED ON, TESTED PRESSURE, WATER INFILTRATION TEST PRESSURE AND GLASS TABLES ASTM E 1300-02.
5. ANCHORAGE: THE 33 1/3% STRESS INCREASE HAS NOT BEEN USED IN THE DESIGN OF THIS PRODUCT. SEE SHEETS 6-8 FOR ANCHOR DETAIL.
6. NOT APPROVED FOR IMPACT RESISTANCE. IMPACT PROTECTIVE SYSTEM IS REQUIRED IN WIND BORNE DEBRIS REGION.
7. ALL FRAMES AND VENTS FULLY WELDED. SMALL JOINT SEAM SEALANT USED AT FIXED MEETING RAIL AND JAMB.
8. REFERENCE TEST REPORTS: CTIA-1344-WR
9. FLORIDA APPROVAL: FL4081.1
10. SERIES / MODEL DESIGNATION SH-8100.
11. WOOD BUCK OR STUD FRAMING TO BE DESIGNED AND ANCHORED TO PROPERLY TRANSFER ALL LOADS TO STRUCTURE. BUCK OR FRAMING IS RESPONSIBILITY OF ARCHITECT OR ENGINEER OF RECORD.
12. THE DESIGNATION X AND O STAND FOR THE FOLLOWING: X = OPERABLE SASH, O = FIXED SASH
13. SECTION CALLOUTS FROM EQUAL SPLIT ELEVATION APPLY TO ALL ELEVATIONS IN A SIMILAR LOCATION.

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<p>1900 SW 44TH AVE OCALA, FLORIDA 34474</p>	
<p>GENERAL NOTES & ELEVATIONS - NON IMPACT</p>	<p>DATE: 3/21/2007</p>
<p>SERIES: PVC SINGLE HUNG</p>	<p>DRAWN BY: BAT</p>
<p>MODEL: 8100</p>	<p>SCALE: NTS</p>
<p>REV LETTER:</p>	<p>DWG NO: CWS-154</p>
<p>SHEET: 1 OF 8</p>	



NOTES:

1. INSTALL ONE ANCHOR AT EACH INSTALLATION LOCATION.
2. SHIM AS REQ'D AT EACH SET OF INSTALLATION ANCHORS USING LOAD BEARING SHIMS. MAX. ALLOWABLE SHIM STACK TO BE 1/4". USE SHIMS WHERE SPACE GREATER THAN 1/16" IS PRESENT.
3. LOAD BEARING SHIMS SHALL BE CONSTRUCTED OF HIGH DENSITY PLASTIC OR BETTER. WOOD SHIMS ARE NOT ALLOWED.
4. 3/16" DIA. ELCO TAPCON (OR EQUIV.) MASONRY ANCHORS MUST BE OF SUFFICIENT LENGTH TO ACHIEVE A MIN. EMBEDMENT OF 1 1/4" INTO MASONRY THRU FRAME OR THRU 1 BY WOOD BUCK INTO MASONRY. A MINIMUM EDGE DISTANCE OF 2 1/2" SHALL BE ACHIEVED.
5. #10 WOOD SCREW ANCHORS MUST BE OF SUFFICIENT LENGTH TO ACHIEVE A MIN. EMBEDMENT OF 1 1/2" INTO 2 BY WOOD BUCK.
6. #8 WOOD SCREW ANCHORS MUST BE OF SUFFICIENT LENGTH TO ACHIEVE A MIN. EMBEDMENT OF 1 1/2" INTO 2 BY WOOD BUCK FOR FIN INSTALLATION.
7. SEAL CORNERS WITH SMALL JOINT SEAM SEALANT.
8. ALL INSTALLATION ANCHORS MUST BE MADE OF A CORROSION RESISTANT MATERIAL OR COATING.

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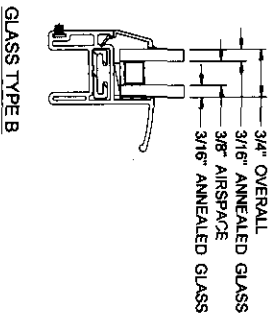
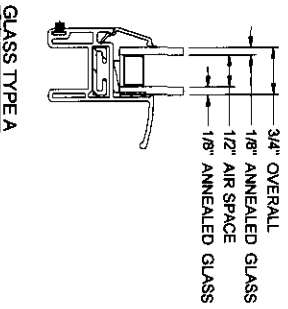
 <p>1900 SW 44TH AVE. OCALA, FLORIDA 34474</p>		<p>ANCHOR SCHEDULE & NOTES - NON IMPACT</p>	
<p>PROJECT: <i>Robert Williams</i></p> <p>DATE: 3/21/2007</p>	<p>SCALE: NTS</p> <p>DWG. NO: CWS-154</p>	<p>REV. LETTER: NTS</p> <p>SHEET: 2 OF 8</p>	<p>ANCHOR SCHEDULE & NOTES - NON IMPACT</p>
<p>8100</p>	<p>BAT</p>	<p>DATE: 3/21/2007</p>	<p>ANCHOR SCHEDULE & NOTES - NON IMPACT</p>

MODULAR SIZES (UNIT - WINDOW SIZE)

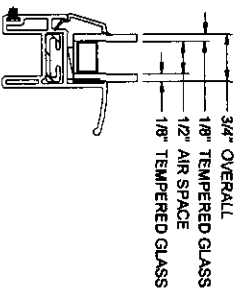
WIDTH (IN)	GLASS TYPE	27 1/2	28 1/2	31 1/2	35 1/2	39 1/2	41 1/2	43 1/2	47 1/2	51 1/2	53 1/2	55 1/2	59 1/2	63 1/2	65 1/2	67 1/2	71 1/2	74 3/4
23 1/2	A,B,C,D	+50/-50	+50/-50	+50/-50	+50/-50	+50/-50	+50/-50	+50/-50	+50/-50	+50/-50	+50/-50	+50/-50	+50/-50	+50/-50	+50/-50	+50/-50	+50/-50	+50/-50
27 1/2	A,B,C,D	+50/-50	+50/-50	+50/-50	+50/-50	+50/-50	+50/-50	+50/-50	+50/-50	+50/-50	+50/-50	+50/-50	+50/-50	+50/-50	+50/-50	+50/-50	+50/-50	+50/-50
29 1/2	A,B,C,D	+50/-50	+50/-50	+50/-50	+50/-50	+50/-50	+50/-50	+50/-50	+50/-50	+50/-50	+50/-50	+50/-50	+50/-50	+50/-50	+50/-50	+50/-50	+50/-50	+50/-50
31 1/2	A,B,C,D	+50/-50	+50/-50	+50/-50	+50/-50	+50/-50	+50/-50	+50/-50	+50/-50	+50/-50	+50/-50	+50/-50	+50/-50	+50/-50	+50/-50	+50/-50	+50/-50	+50/-50
35 1/2	A,B,C,D	+50/-50	+50/-50	+50/-50	+50/-50	+50/-50	+50/-50	+50/-50	+50/-50	+50/-50	+50/-50	+50/-50	+50/-50	+50/-50	+50/-50	+50/-50	+50/-50	+50/-50
39 1/2	A,B,C,D	+50/-50	+50/-50	+50/-50	+50/-50	+50/-50	+50/-50	+50/-50	+50/-50	+50/-50	+50/-50	+50/-50	+50/-50	+50/-50	+50/-50	+50/-50	+50/-50	+50/-50
41 1/2	A,B,C,D	+50/-50	+50/-50	+50/-50	+50/-50	+50/-50	+50/-50	+50/-50	+50/-50	+50/-50	+50/-50	+50/-50	+50/-50	+50/-50	+50/-50	+50/-50	+50/-50	+50/-50
43 1/2	A,B,C,D	+50/-50	+50/-50	+50/-50	+50/-50	+50/-50	+50/-50	+50/-50	+50/-50	+50/-50	+50/-50	+50/-50	+50/-50	+50/-50	+50/-50	+50/-50	+50/-50	+50/-50
47 1/2	A,B,C,D	+50/-50	+50/-50	+50/-50	+50/-50	+50/-50	+50/-50	+50/-50	+50/-50	+50/-50	+50/-50	+50/-50	+50/-50	+50/-50	+50/-50	+50/-50	+50/-50	+50/-50
51 1/2	A,B,C,D	+50/-50	+50/-50	+50/-50	+50/-50	+50/-50	+50/-50	+50/-50	+50/-50	+50/-50	+50/-50	+50/-50	+50/-50	+50/-50	+50/-50	+50/-50	+50/-50	+50/-50

COMMODITY SIZES (TP to TP)

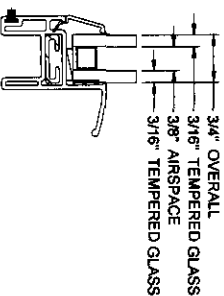
WIDTH (IN)	GLASS TYPE	26	38 3/8	50 5/8	56	63	72	76
19 1/8	A,B,C,D	+50/-50	+50/-50	+50/-50	+50/-50	+50/-50	+50/-50	+50/-50
26 1/2	A,B,C,D	+50/-50	+50/-50	+50/-50	+50/-50	+50/-50	+50/-50	+50/-50
37	A,B,C,D	+50/-50	+50/-50	+50/-50	+50/-50	+50/-50	+50/-50	+50/-50
53 1/8	A,B,C,D	+50/-50	+50/-50	+50/-50	+50/-50	+50/-50	+50/-50	+50/-50



GLASS TYPE C





GLASS TYPE D

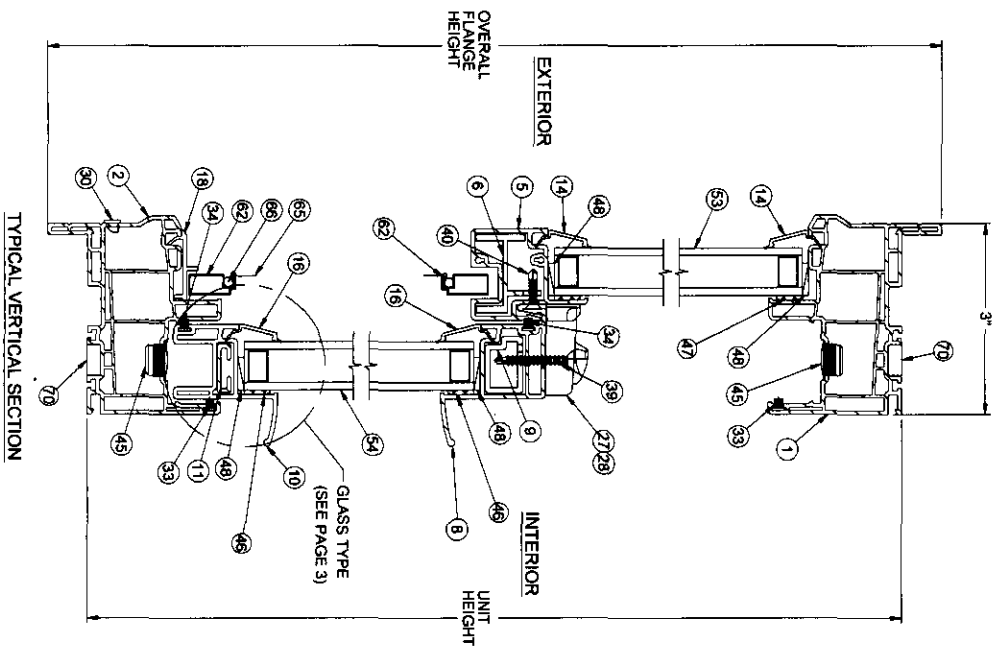


NOTE:

1. IF SIZE INTENDED IS NOT SHOWN,
USE NEXT LARGER SIZE.

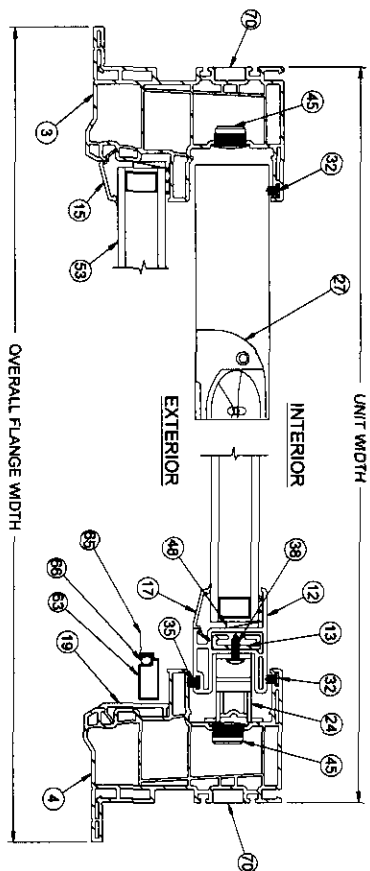
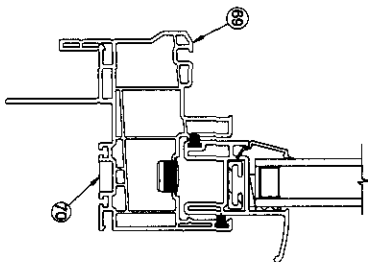
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L. ROBERT ADAMS FLGT NO. 78015 8100		1980 SW 44TH AVE OCALA, FLORIDA 34474	
TITLE: DESIGN PRESSURE CHART / GLAZING - NON IMPACT		DATE: 3/21/2007	
SERIES: PVC SINGLE HUNG		DRAWN BY: BAT	
SCALE: NTS		DWG. NO.: CWS-154	
REV. LETTER:		SHEET: 3 OF 8	



TYPICAL VERTICAL SECTION

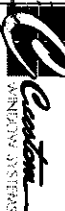
ALTERNATE FIN FRAME



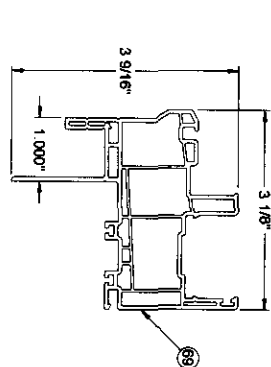
TYPICAL HORIZONTAL SECTION
NOTE: LEFT SIDE SHOWS FIXED LITE CUTAWAY,
RIGHT SIDE SHOWS SASH CUT AWAY

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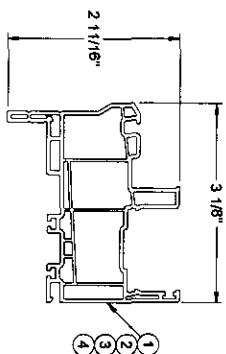
NOTES: ITEMS 20, 23, 25, 26, 31, 36, 37, 44,
51, 52, 55, 56, 64, 67, 68 ARE USED BUT NOT
SHOWN FOR CLARITY

	
1000 SW 44TH AVE MIAMI, FLORIDA 33144	
TITLE: SECTION VIEWS / ALT. FRAME - NON IMPACT	DATE: 3/21/2007
SERIES: PVC SINGLE HUNG	DWG. NO.: CWS-154
SCALE: NTS	SHEET: 4 OF 8
REV. LETTER:	DRAWN BY: BAT

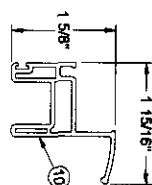
Item #	Part #	Description
1	H-6031	Main Ft. SH. w/fig. PVC, Head
2	H-6031	Main Ft. SH. w/fig. PVC, Sill
3	H-6031	Main Ft. SH. w/fig. PVC, L. Jb.
4	H-6031	Main Ft. SH. w/fig. PVC, R. Jb.
5	H-6001	Meat Rail, Fxd.
6	S-1499	Reinf. Fxd M/R.
8	H-6027	Sash Meet Rail, PVC
9	H-1497	Reinf. Sash Meet Rail
10	H-6028	Sash Bottom Rail, PVC
11	S-1498	Reinf. S.B.R./S.S.R.
12	H-6004	Sash Side/TopBot Rail
13	S-1498	Reinf. S.B.R./S.S.R.
14	S-6016	Gz. Bd. 3/4" Fxd. Horiz
15	S-6016	Gz. Bd. 3/4" Fxd. Vert
16	S-6016	Gz. Bd. 3/4" Sash Horiz
17	S-6016	Gz. Bd. 3/4" Sash Vert
18	S-6013	Scm. Adapt. w/mb. PVC, Horiz
19	S-6014	Scm. Adapt. PVC, Vert
20	S-6029	Sash Stop/Filter, PVC, Vert
23	P-3780	Anchor Clip
24	P-2190	Balance
25	P-3059	Sash Cam, PVC
26	P-3046	Take Out Clip
27	P-3783	Lock Impact, PVC
28	P-3784	Keeper, Impact, PVC
30	P-3715	Wetp Cover w/ Flap
31	P-3893	Reinf. Plane, F.M.R.
32	P-3429	Wetp. 0.270 x 1.87 back FinSeal, Gray
33	P-3429	Wetp. 0.270 x 1.87 back FinSeal, Gray
34	P-3429	Wetp. 0.270 x 1.87 back FinSeal, Gray
35	P-3429	Wetp. 0.270 x 1.87 back FinSeal, Gray
36	P-3429	Wetp. 0.270 x 1.87 back FinSeal, Gray
37	P-3765	#6 x 2.000 Ph PH SMS
38	P-3768	#8 x 0.625 Ph PH SMS
39	P-4051W	#8 x 1.250 Ph PH TEK, Wht
40	P-3748W	#6 x 0.625 Quad FH TEK, Wht
44	P-3342	Seam Sealer, SM-5504
45	P-3752	Cap Plug, 1/2" Hole
46	P-3438	Hot Melt, FinSeal, "H"
47	P-3438	Hot Melt, FinSeal, "H"
48	P-3352	Set. Bk. .85 Dur. 1/8" x 5/8" x 2" Lg
51	P-3881	Temporary Lbl. (NFRCDP)
52	P-3613	CMS Lbl. (10g)
53		Glass, Fixed
54		Glass, Sash
55	P-3281	Spacer (see sheet 3)
56	P-3281	Spacer (see sheet 3)
62	P-3218	Screen Frame, Horiz
63	P-3218	Screen Frame, Vert
64	P-3321	Screen Frame Corner Key
65	P-3381	Screen Cloth, 18 x 16 Fiberglass
66	P-3328	Screen Spine, .155 Dia. Bk.
67	P-3029	Screen Pull Tab
68	P-3033	Screen Spring, SS
69	H-6026	Main Ft. SH. w/fin. PVC
70	P-3113	Screw Support for PVC



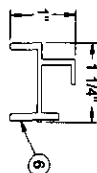
PVC FRAME FIN-6026



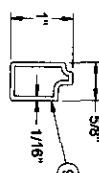
PVC FRAME FLANGE-6031



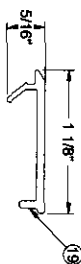
PVC SASH BTM. RAIL-6028



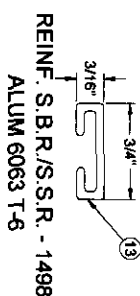
REINF. FIXED MTG. RAIL-1499
ALUM 6063 T-6



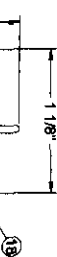
REINF. SASH MTG. RAIL-1497
ALUM 6063 T-6



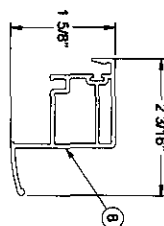
PVC SCREEN SUPPORT - 6014



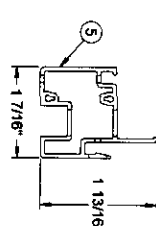
PVC SASH SIDE RAIL-6004



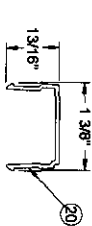
REINF. S.B.R./S.S.R. - 1498
ALUM 6063 T-6



PVC SASH MTG. RAIL-6027



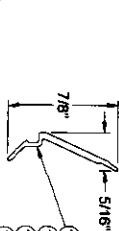
PVC FIXED MTG. RAIL-6001



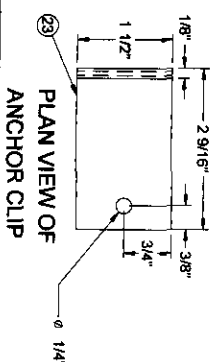
PVC SASH STOP-6029



ANCHOR CLIP, 1504
ALUMINUM 6063-T6



PVC GLAZING BEAD-6016

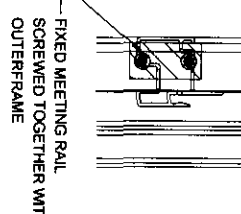
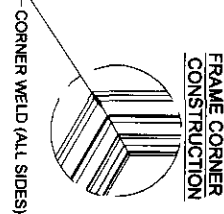


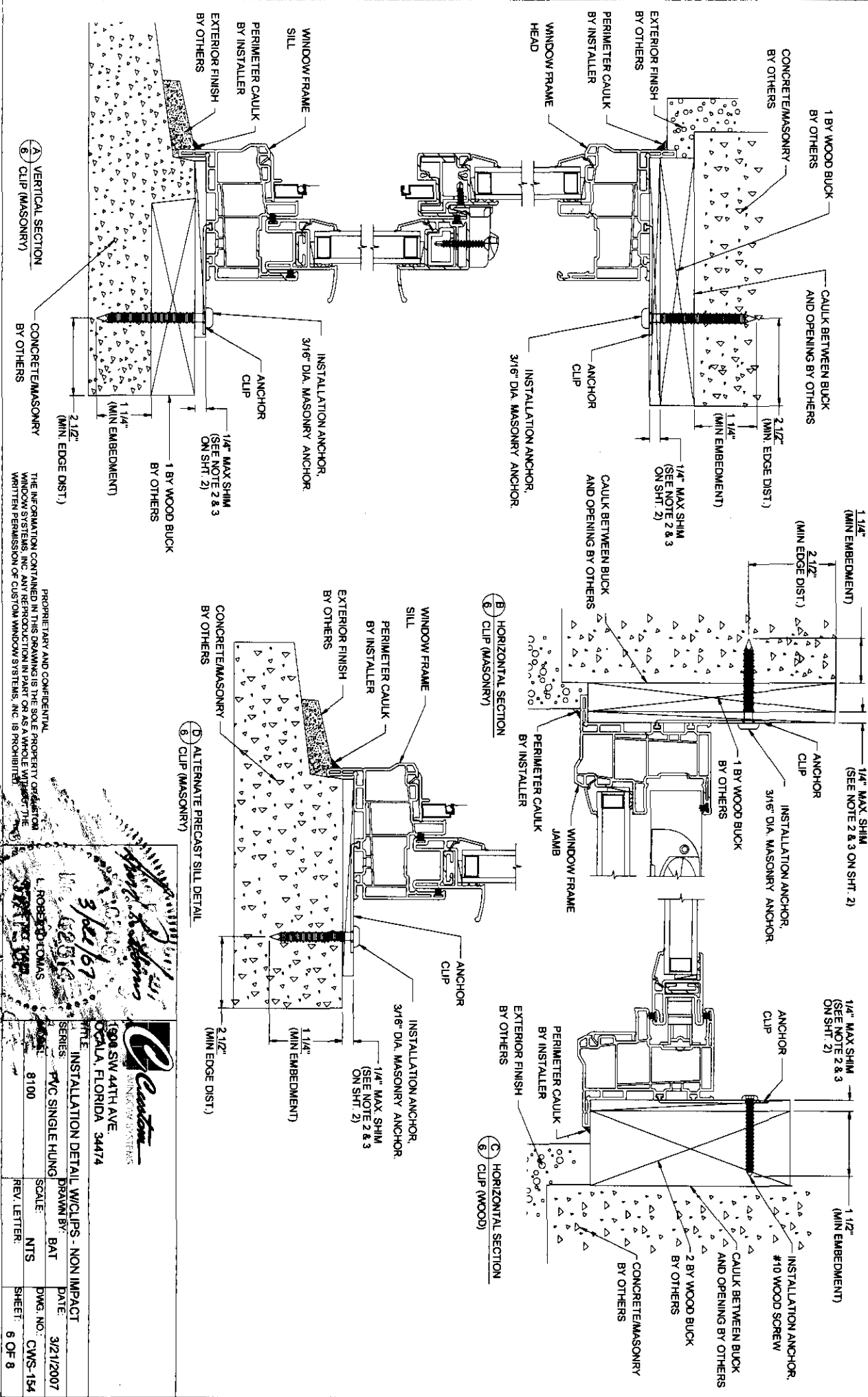
PLAN VIEW OF
ANCHOR CLIP

NOTES: ITEMS 21, 22, 29, 41,
42, 43, 49, 50, 57, 61 ARE NOT
USED ON THIS PRODUCT

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Custom
WINDOW SYSTEMS, INC.
1800 SW 44TH AVE.
OCALA, FLORIDA 34474
SERIES: EXTRUSIONS / B.O.M. - NON IMPACT
MODEL: PVC SINGLE HUNG
REV. LETTER: BAT
SCALE: NTS
DATE: 3/19/2007
DWG. NO.: CWS-154
SHEET: 5 OF 8

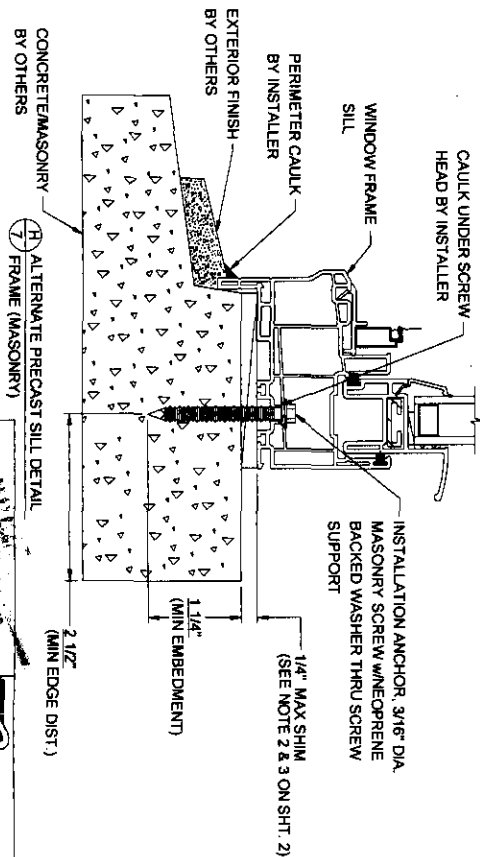
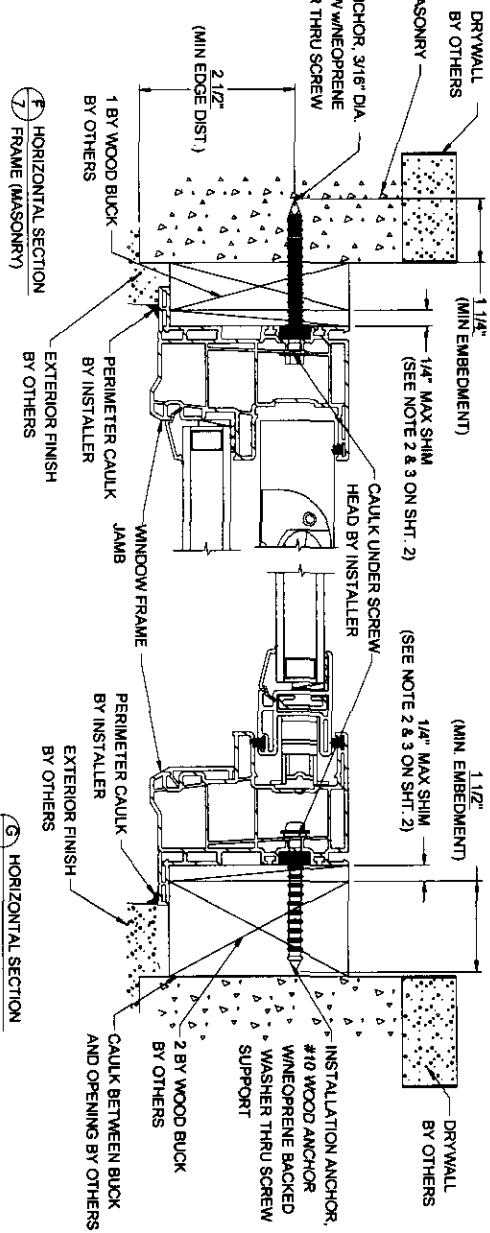




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Custom Window Systems
 1908 SW 44TH AVE.
 OCALA, FLORIDA 34474
 PHONE: 352/237-1111
 FAX: 352/237-1112
 EMAIL: info@customwindow.com
 WEBSITE: www.customwindow.com

PROJECT INFORMATION
 PROJECT: 3/02/07
 DRAWN BY: BAT
 DATE: 3/21/2007
 SCALE: NTS
 DWG. NO.: CWS-154
 REV. LETTER: SHEET: 6 OF 8



**HIGH STRENGTH
STRUCTURAL
GROUT BY OTHERS**

**VERTICAL SECTION
FRAME (MASONRY)**

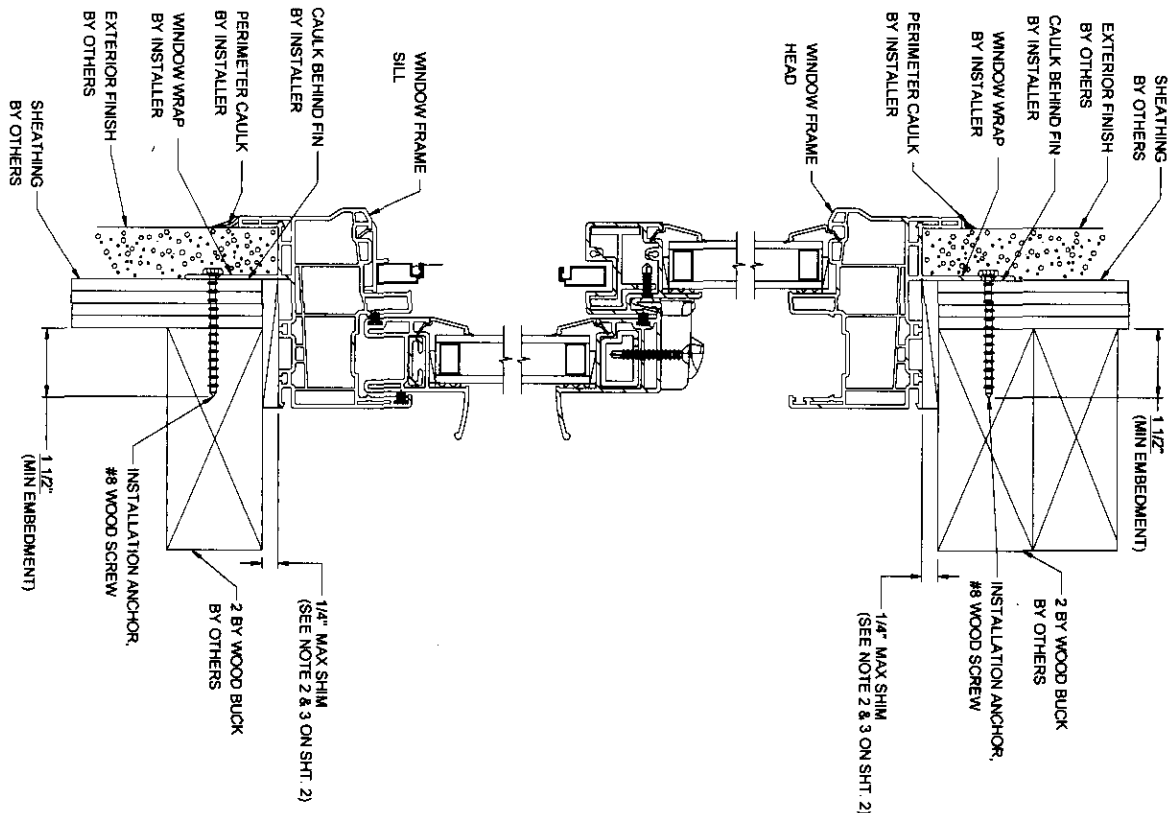
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L. ROBERTO LOMAS
ST-74E NO 21925

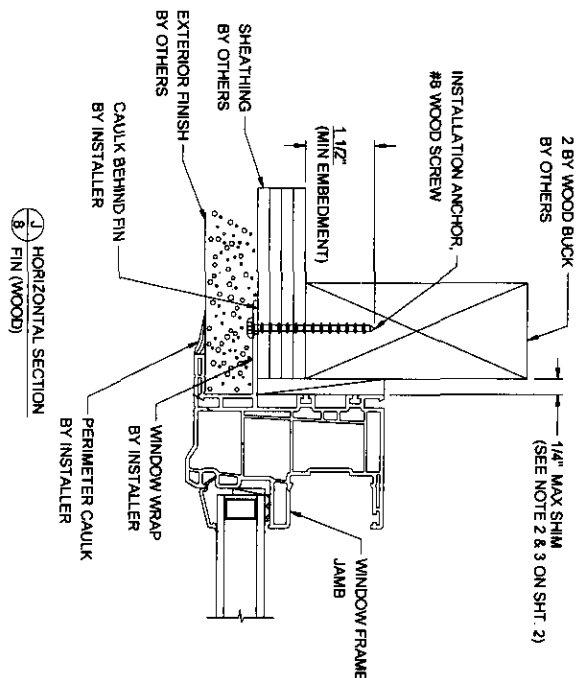
8100

SCALE:	NTS	DWG. NO.:	CWS-154
REV. LETTER:		SHEET:	7 OF 8

CWS-154
SHEET: 7 OF 8



1
 8
 VERTICAL SECTION
 FIN (WOOD)



1
 8
 HORIZONTAL SECTION
 FIN (WOOD)

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1900 SW 44TH AVE
 CAULA, FLORIDA 34474
 L. ROBERTO LOMAS
 3/2/07
 8100
 NTS
 8 OF 8