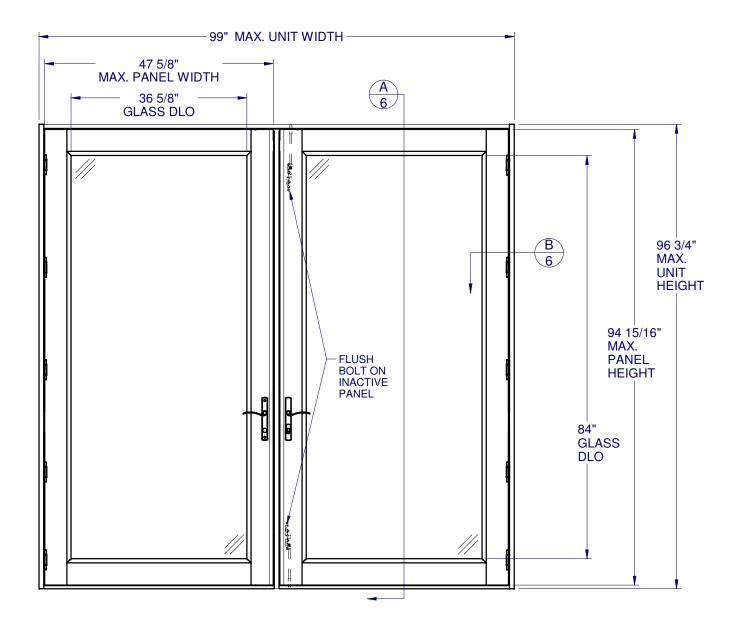
FRENCH DOOR - IMPACT



GENERAL NOTES:

- 1. THE PRODUCT SHOWN HEREIN IS DESIGNED AND MANUFACTURED TO COMPLY WITH THE FLORIDA BUILDING CODE (FBC), CURRENT EDITION INCLUDING THE HIGH VELOCITY HURRICANE ZONE (HVHZ) AND IS RATED FOR WIND ZONE 4 MISSILE LEVEL D IMPACT USE AS DEFINED IN ASTM E 1996 PER THE FBC.
- 2. GLAZING DETAIL: (SEE SHEET 2)
- 3. APPROVED CONFIGURATIONS: FRENCH DOOR
- 4. LOCK OPTIONS:
- * UP TO 6'8": MULTIPOINT(4PT)(HANDLE SET).
- * ABOVE 6'8":
 - MULTIPOINT(5PT)(HANDLE SET).
- 5. DESIGN PRESSURES:
- -NEGATIVE DESIGN LOADS BASED ON TESTED PRESSURE AND GLASS TABLES ASTM E-1300-04. -POSITIVE DESIGN LOADS BASED ON TESTED PRESSURE, WATER INFILTRATION TEST PRESSURE, AND GLASS TABLES ASTM E-1300-04.
- 6. ANCHORAGE: THE 33 1/3% STRESS INCREASE HAS NOT BEEN USED IN THE DESIGN OF THIS PRODUCT. SEE SHEET 6 FOR INSTALLATION DETAIL, WIND LOAD DURATION FACTOR Cd=1.6 WAS USED FOR WOOD ANCHOR CALCULATIONS.
- 7. PRODUCT APPROVED FOR IMPACT RESISTANCE. SHUTTERS ARE NOT RQUIRED.
- 8. ALL FRAMES ARE PROCESSED AND SCREWED TOGETHER. VENTS ARE PROCESSED ASSEMBLED VIA TIE RODS.
- 9. SERIES / MODEL DESIGNATION: FD-8750.
- 10. SECTION CALLOUTS APPLY TO ALL CONFIGURATIONS.
- 11. INTERIOR FLUSH BOLTS ON ACTIVE PANEL TO BE ENGAGED DURING SEVERE WEATHER.

TABLE OF CONTENTS

GENERAL NOTES & ELEVATIONS	1
SECTION VIEWS & GALZING DETAIL	2
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EXTRUSIONS	4
ANCHOR DETAIL & NOTES	5
INSTALLATION DETAILS	6

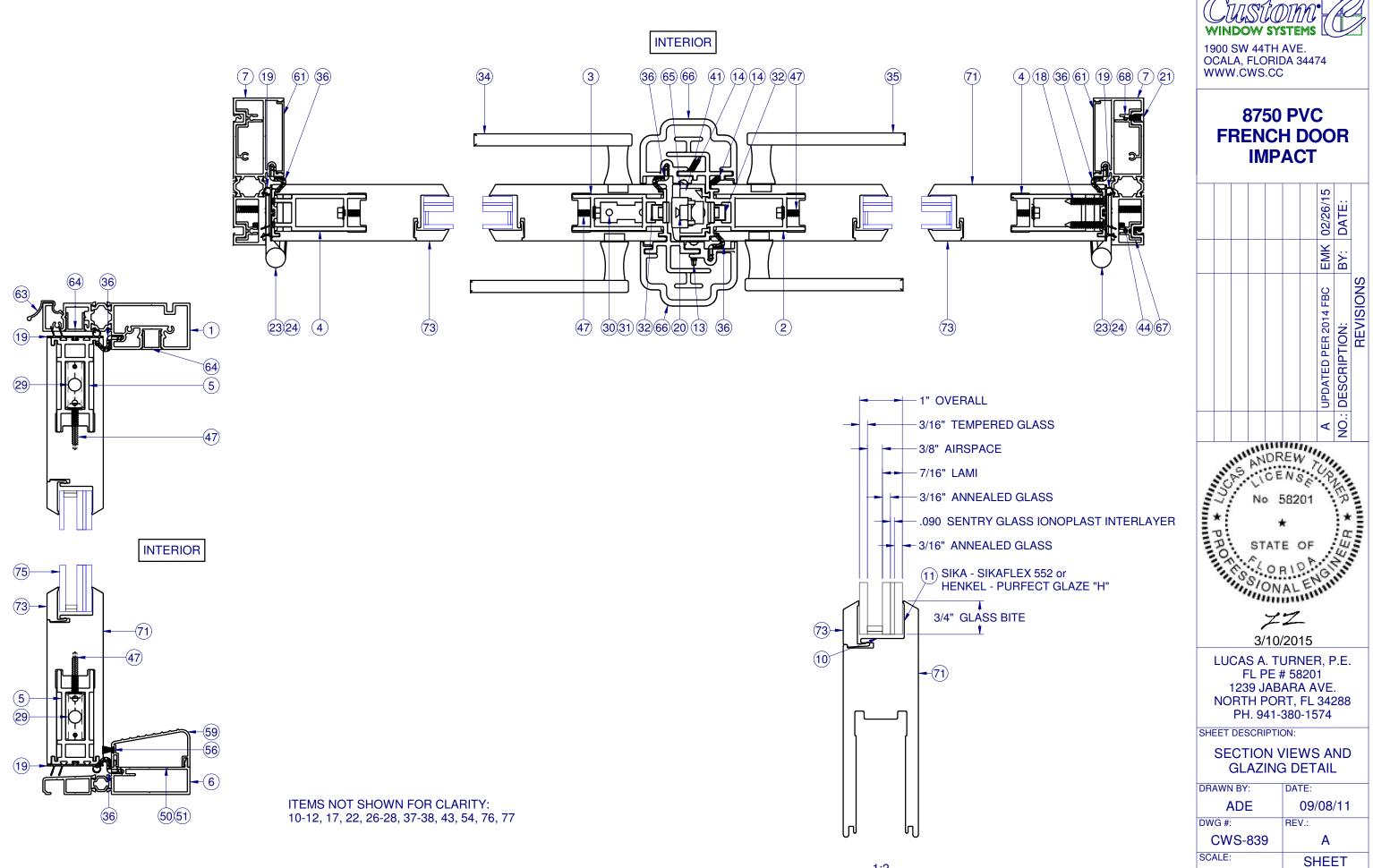
DESIGN PRESSURE RATING	IMPACT RATING
+/-60 PSF	LARGE MISSILE IMPACT



1900 SW 44TH AVE. OCALA, FLORIDA 34474 WWW.CWS.CC

8750 PVC **FRENCH DOOR IMPACT**

			02/26/15	DATE:	
			EMK	B≺.:	
			A UPDATED PER 2014 FBC	.: 0	REVISIONS
ANDREW ANDREW No 58201 No 58201 ANDREW No 58201 ANDREW					
3/10/2015 LUCAS A. TURNER, P.E. FL PE # 58201 1239 JABARA AVE. NORTH PORT, FL 34288 PH. 941-380-1574					
SHEET DESCRIPTION: GENERAL NOTES AND ELEVATIONS					
DRAW		DAT			
DWG #	ADE	REV	09/08	/11	
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SCALE		1	SHE		



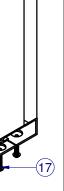
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2 OF 6

ITEM	PART NO.	DESCRIPTION	MATERIAL	VENDOR	
1	H-1833	MAIN FRAME, HEAD	ALUM	KEYMARK	
2	H-1847	ASTRAGAL, INACTIVE, FD, PVC	ALUM	KEYMARK	
3	H-1846	ASTRAGAL, ACTIVE, FD, PVC	ALUM	KEYMARK	
4	H-1825	REINFORCEMENT, VERT.	ALUM	KEYMARK	
5	H-1845	REINFORCEMENT, HORIZ.	ALUM	KEYMARK	
6	H-1878	MAIN FRAME, SILL	ALUM	KEYMARK	
7	H-1880	MAINFRAME, JAMB	ALUM	KEYMARK	
10	P-3039	SETTTING BLOCK, 1/8 X 1 X 2		FRANKLOWE	
11		SIKAFLEX 552 or PURFECT GLAZE "H"		SIKA - HENKE	
12	P-3503	SCREW #8 X 1/2" PH TRUSS SS @ ASTRAGAL CAP		FASTENAL	
13	P-3511	SCREW #8 x 5/8" SQ. PAN TEK @ TIEROD BRKT		FASTENAL	
14	P-3587	SCREW #8 X 1", PH FLAT TEK @ ASTRAGAL, INSERT,LOC	Ж	FASTENAL	
17	P-4144	SCREW #8 X 1", PH PAN SMS @FRAME ASSEM.		FASTENAL	
18	P-4522	SCREW #10 X 1-1/4", PH FLAT SMS HINGE @PANEL		FASTENAL	
19	P-4774B	WSTP, BULB/LEAFS, PANEL		AMESBURY	
20	P-4790	FLUSH BOLT, ASSM, TOP/BTM		SULLIVAN	
21	P-4794	SCREW #8 x 5/8" SQ.FLAT TEK @ INSERT ATTACH		FASTENAL	
22	P-4802	ALL THREADED ROD (TIE ROD)		McMASTER	
23	P-4807	HINGE, GUIDE		HOPPE	
24	P-4808/9	HINGE, SET		HOPPE	
26	P-4863	LOCK STRIKE PLATE		PADDOCK	
27	P-4864	RHINO STRIKE PLATE		PADDOCK	
28	P-4866A	GUIDE, TIE ROD	NYLON	M&M	
29	P-4871	TIE ROD BRACKET	ZINC	SULLIVAN	
30	P-4885	SHOOT BOLT, TOP		PADDOCK	
31	P-4886	SHOOT BOLT, BOTTOM		PADDOCK	
32	P-4851	LOCKBAR, INACTIVE, 8 FT		PADDOCK	
33	P-4884	LOCKBAR, MULTI-POINT, 5PT, 8 FT		PADDOCK	
34	P-4903	HANDLE SET, ACTIVE		PADDOCK	
35	P-4905	HANDLE SET, INACTIVE		PADDOCK	
36	P-4913	WSTP, .50X.50 FOLDED BULB SEAL, @ DOOR		SCHELGEL	
37	P-4917	CAP, ASTRAGAL, OUTSIDE	NYLON	M&M	
38	P-4925	CAP, ASTRAGAL, INSIDE	NYLON	M&M	
41	P-4889	GUIDE, SHOOT BOLT	NYLON	M&M	
43	P-4933	NUT, 3/8"-16 FLANGED W/ SERRATED LIP, SS, @ PANEL		McMASTER	
44	P-4934	SCREW, #12-24 X 1/2", PH FLAT, MS, @ HINGE		FASTENAL	
47	P-4969	SCREW, #10 X 2" REINF. ATTACH.		FASTENAL	
49	P-5127	SCREW, #12 X 2", PH PAN, SMS, ANCHOR		FASTENAL	
50	P-5130	GASKET, DOOR SILL, FRONT	FOAM	HO PRODUCTS	
51	P-5131	GASKET, DOOR SILL, BACK	FOAM	HO PRODUCTS	
54	P-5157	SCREW #10-24 x 1/2", FI Undercut PH, 18-8SS @ KEEPER		FASTENAL	
56	P-5172	WSTP, .370 X .187, TRI FIN, BLACK			
57	P-5174	SCREW #8 X 3/4" HEX WASHER HEAD, @ FRAME		FASTENAL	
59	S-1783	THRESHOLD, HIGH RISE	ALUM	KEYMARK	
61	S-1806	COVER, JAMB, ANCHOR	ALUM	KEYMARK	
63	S-1817	DRIP CAP	ALUM	KEYMARK	
64	S-1840	COVER, HEAD, ANCHOR	ALUM	KEYMARK	
65	S-1849	INSERT, INACTIVE PNL, LOCK HARDWARE		KEYMARK	

(17)SILL

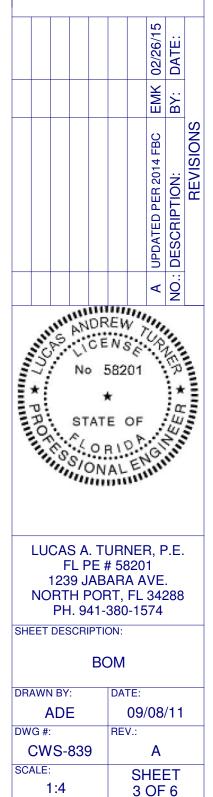
HEAD

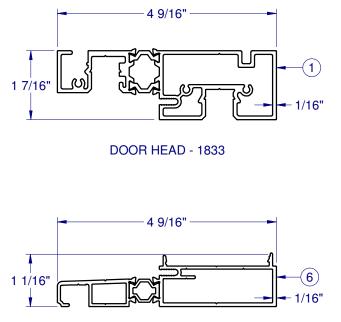


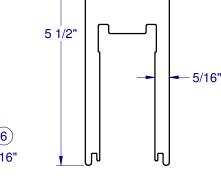


1900 SW 44TH AVE. OCALA, FLORIDA 34474 WWW.CWS.CC

8750 PVC **FRENCH DOOR** IMPACT



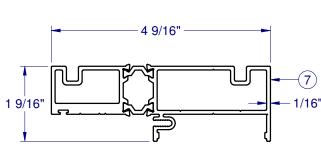




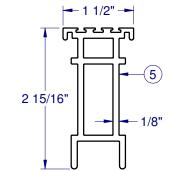
──1 3/4" ─►

-(71)

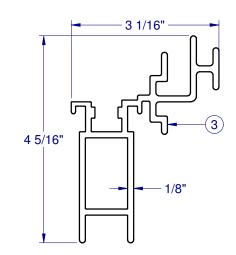
DOOR SILL - 1878



DOOR JAMB - 1880



REINF. HORZ. - 1845



REINF. ACTIVE PANEL - 1846

3 3/16"

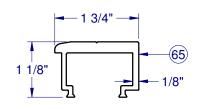
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4 5/16"

(2)

1/8'

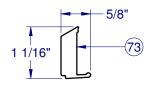
1/4'



INSERT INACTIVE PNL -1849

5/8'

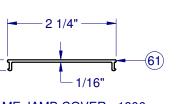
13/16"



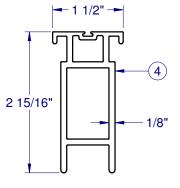
PVC GLAZING BEAD - 6084

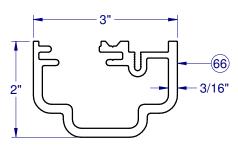
5/8'

9/16"

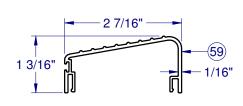


FRAME JAMB COVER - 1806



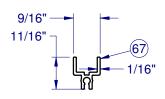


ASTRAGAL COVER - 1848



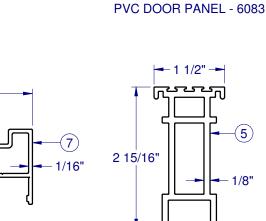
REINF. INACTIVE PANEL - 1847

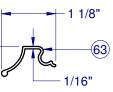
THRESHOLD - 1783



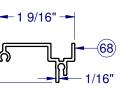
INSERT, FRONT - 1864

REINF. VERT. - 1825

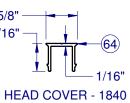


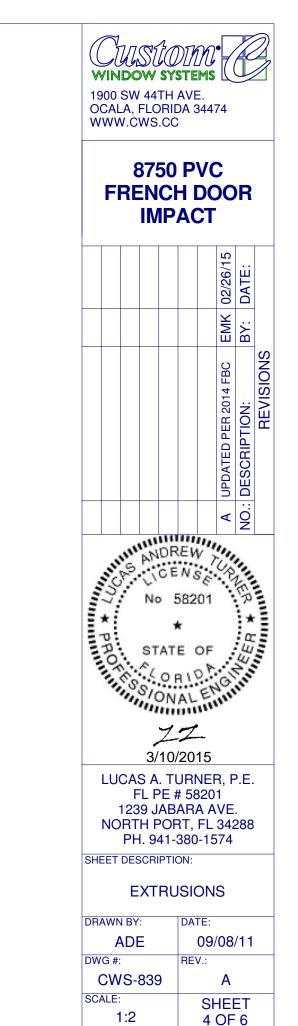


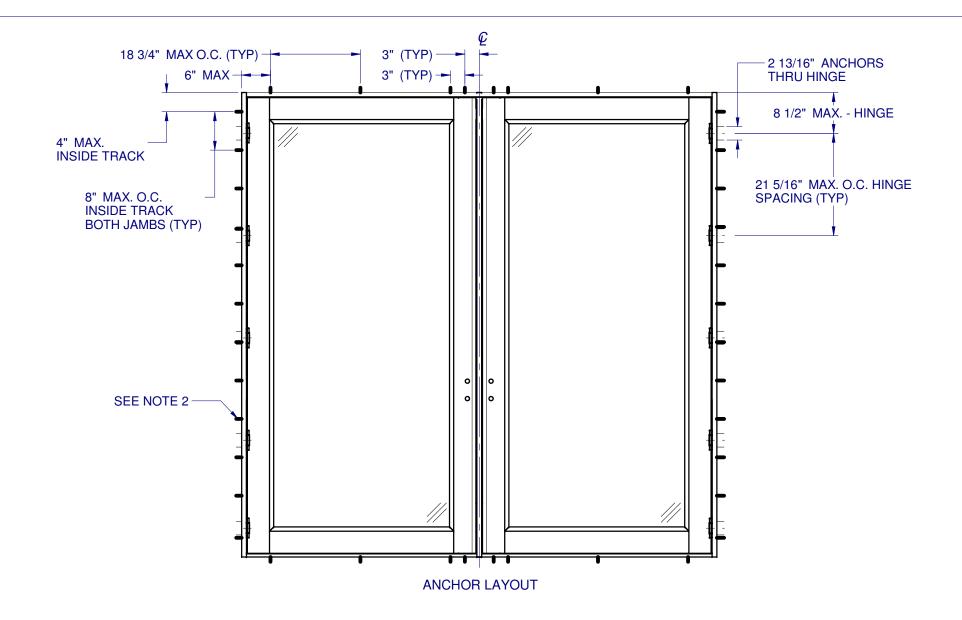




INSERT, BACK - 1865







NOTES:

- 1. INSTALL ONE ANCHOR AT EACH JAMB LOCATION AND NSTALL TWO ANCHORS AT EACH HEAD & SILL LOCATION, SEE SHEET 6 FOR DETAILS. BOTH INSIDE TRACK ANCHORS AND HINGE ANCHORS ARE REQUIRED ON BOTH JAMBS. SILL ANCHOR SPACING SAME AS HEAD.
- 2. SHIM AS REQ AT EACH INSTALLATION ANCHOR USING LOAD BEARING SHIMS. MAX. ALLOWABLE SHIM STACK TO BE 1/4". USE SHIMS WHERE SPACE GREATER THAN 1/16" IS PRESENT. LOAD BEARING SHIMS SHALL B CONSTRUCTED OF HIGH DENSITY PLASTIC OR BETTER. WOOD SHIMS ARE NOT ALLOWED.
- 3. ANCHOR TYPE, SIZE, SPACING AND EMBEDMENT SHALL BE AS SPECIFIED IN THESE DRAWINGS, SEE TABLE 1, SHEET 6.
- 4. ALL INSTALLATION ANCHORS MUST BE MADE OF OR PROTECTED WITH A CORROSION RESISTANT MATERIAL OR COATING. DISSIMILAR METALS OR MATERIALS IN CONTACT WITH PRESSURE TREATED WOOD MUST BE PROTECTED TO PREVENT REACTION.
- 5. INSTALLATION ANCHORS SHALL BE IN ACCORDANCE WITH ANCHOR MANUFACTURER'S INSTALLATION INSTRUCTIONS, AND ANCHORS SHALL NOT BE USED IN SUBSTRATES WITH STRENGTHS LESS THAN THE MINIMU SPECIFIED IN TABLE 1, SHEET 6.
- 6. ANCHOR EMBEDMENT TO SUBSTRATE SHALL BE BEYOND WALL DRESSING OR STUCCO. FOR CONCRETE/CMU OPENINGS, EMBEDMENT SHALL BE BEYOND WOOD BUCKS, IF USED, INTO SUBSTRATE. INSTALLATIONS TO SOLID CONCRETE OR GROUT-FILLED CMU MAY INCLUDE BUT DO NOT REQUIRE 1X WOOD BUCKS BETWEEN THE PRODUCT AND THE SUBSTRATE. INSTALLATIONS TO HOLLOW CMU REQUIRE THE USE OF 1X BUCKS BETWEEN THE PRODUCT AND SUBSTRATE.
- 7. A MINIMUM 2-5/16" CENTER-TO-CENTER SPACING SHALL BE MAINTAINED BETWEEN ALL MASONRY FASTENERS AT THE HEAD AND SILL, 2-7/16" MIN. SHALL BE MAINTAINED AT THE HINGES, 3" MIN. SHALL BE MAINTAINED AT THE JAMBS AND ALL OTHER ANCHORS. A MINIMUM 1" CENTER-TO-CENTER SPACING SHALL BE MAINTAINED BETWEEN ALL WOOD AND METAL FASTENERS.
- 8. WOOD OR MASONRY OPENINGS, BUCKS AND BUCK FASTENERS SHALL BE PROPERLY DESIGNED BY THE ARCHITECT OR ENGINEER OF RECORD AND INSTALLED TO TRANSFER WIND LOADS TO THE STRUCTURE. SUBSTRATES SHALL MEET THE MINIMUM STRENGTH REQUIREMENTS AS SHOWN IN TABLE1, SHEET 8. CONCRETE AND MASONRY SUBSTRATES MAY NOT BE CRACKED.
- 9. SEALING AND FLASHING STRATEGIES FOR OVERALL WATER RESISTANCE OF INSTALLATION SHALL BE DONE BY OTHERS FOLLOWING THE CURRENT VERSION OF THE REFERENCE DOCUMENTS: FMA/AAMA 100(FIN WINDOWS), FMA/AAMA 200(FLANGE WINDOWS), FMA/WDMA 250(BOX WINDOWS), FMA/AAMA/WDMA 300(EXTERIOR DOORS)

	WINDOW SYSTEMS 1900 SW 44TH AVE. OCALA, FLORIDA 34474 WWW.CWS.CC			
	8750 PVC FRENCH DOOR IMPACT			
		02/26/15 DATE:		
		BX EMK		
		UPDATED PER 2014 FBC DESCRIPTION: REVISIONS		
3E	* PROTICINAL OF	E OF		
JM	LUCAS A. TURNER, P.E. FL PE # 58201 1239 JABARA AVE. NORTH PORT, FL 34288 PH. 941-380-1574 SHEET DESCRIPTION:			
	ANCHOR SCHEDULE AND NOTES			
	DRAWN BY: ADE DWG #:	DATE: 09/08/11 REV.:		
	CWS-839 SCALE:	A		
	1:20	5 OF 6		

