

PORTILLO BOCA SERIES IMPACT RESISTANT BI-FOLD DUTSWING ENTRANCE DOORS GENERAL NOTES:

1. THIS APPROVAL APPLIES TO (2) AND (4) PANEL IMPACT RESISTANT BI-FOLDING DUTSWING PORTILLO SERIES BOCA

ALLOWABLE DESIGN PRESSURE: +/-65 PSF.

THESE DOORS HAVE BEEN DESIGNED AND TESTED PER TAS 201, 202, AND 203 PROTOCOLS IN ACCORDANCE WITH THE REQUIREMENTS OF THE CURRENT EDITION OF THE FLORIDA BUILDING CODE (FBC), INCLUDING THE HIGH VELOCITY HURRICANE ZONE PROVISIONS.

THIS PRODUCT AS SHOWN HEREIN IS LARGE AND SMALL MISSILE IMPACT RESISTANT. SHUTTERS ARE NOT REQUIRED. WOOD OR MASONRY OPENINGS, BUCKS, AND BUCK FASTENERS, BY OTHERS, SHALL BE PROPERLY DESIGNED AND

INSTALLED TO TRANSFER LOADS TO THE STRUCTURE.

ANCHOR TYPE, SIZE, SPACING, AND EMBEDMENT SHALL BE AS INDICATED IN THIS APPROVAL. ANCHOR EMBEDMENT TO SUBSTRATE SHALL BE BEYOND WALL DRESSING OR STUCCO.

ALL FASTENERS PENETRATING INTO PRESSURE TREATED WOOD SHALL BE CAPABLE OF PREVENTING CORROSION DUE TO REACTION WITH PRESSURE TREATMENT CHEMICALS.

DISSIMILAR MATERIALS THAT COME INTO CONTACT SHALL BE PROTECTED TO PREVENT REACTIONS IN ACCORDANCE WITH FBC CHAPTERS 20 AND 23.

A WIND LOAD DURATION FACTOR Cd = 1.6 WAS USED FOR THE ANALYSIS OF WOOD SCREWS ONLY. THE 4/3 ALLOWABLE INCREASE IN STRESS FOR WIND HAS NOT BEEN USED IN THE ANALYSIS FOR THIS SYSTEM.

ALL WOOD MEMBERS OF DOORS THAT MAY POSSIBLY COME INTO CONTACT WITH MASONRY OR CONCRETE SUBSTRATES, ARE SUBJECT TO MOISTURE &/OR ARE SUBJECT TO THE DUTSIDE ENVIRONMENT SHALL BE OF AN APPROVED DURABLE SPECIES OR BE TREATED IN AN APPROVED METHOD WITH AN APPROVED PRESERVATIVE PER FBC SECTION 2326.

11. MEMBERS NOTCHED AS NEEDED TO FIT HARDWARE.

12. ALL HARDWARE SEALED WITH CLEAR GE SILICONE I WINDOW AND DOOR CAULK.

RELEASE ZND SUBMITTAL DRIGINAL 10/08/2012

> DOOR BOCA ERIES S RTILLO

irida Impact Door Systems, 3850 W. Industrial Way, #1 Riviera Beach, FL 33404 PHONE: 561.841.8590 FAX: 561.841.9440

DRAWING # 001

MINITED TO WOLFER COTT WOLTE

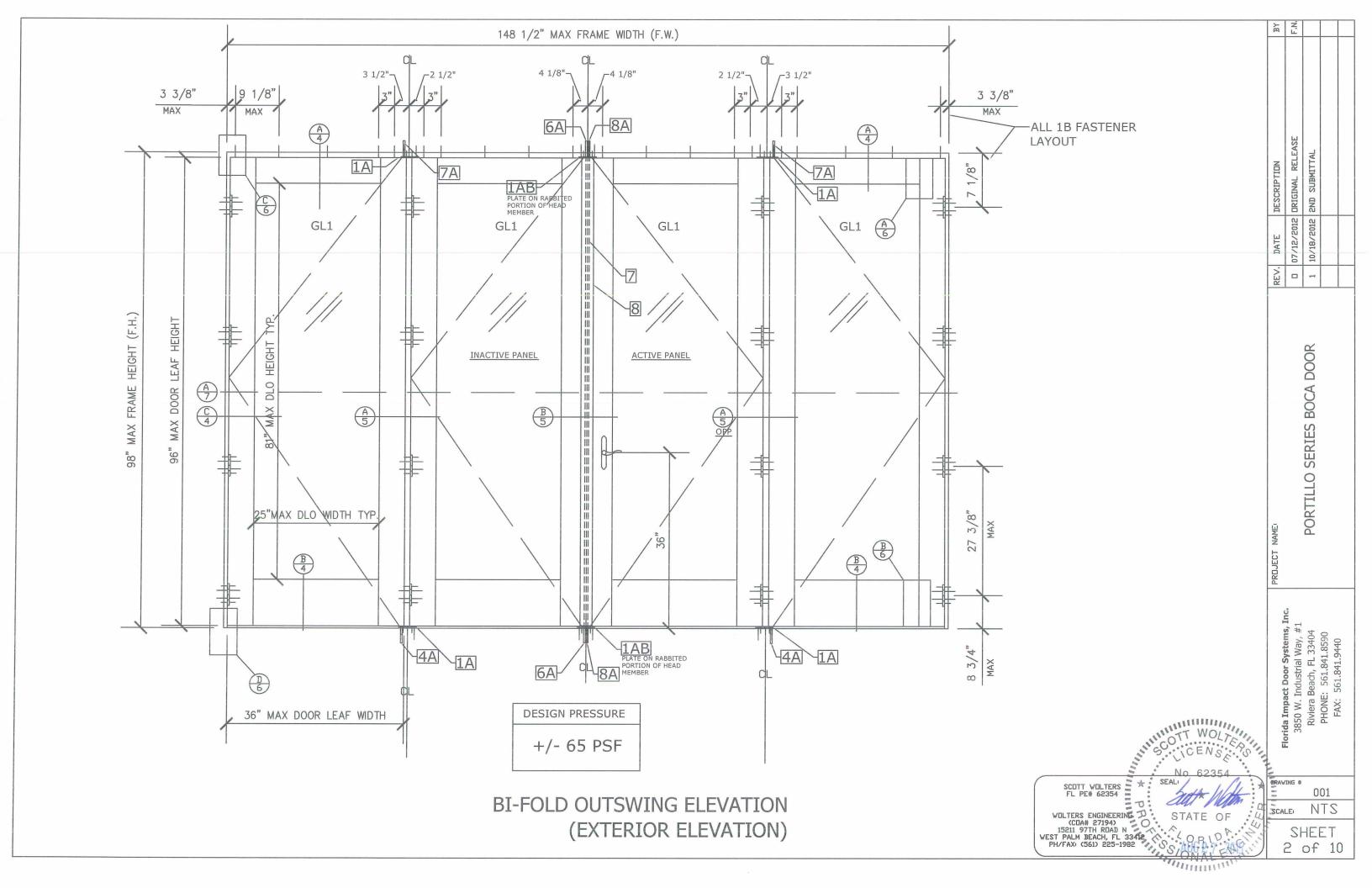
No 62354

SCOTT WOLTERS FL PE# 62354

VOLTERS ENGINEERING
(CDIA# 27194)
15211 97TH RDAD N
WEST PALM BEACH, FL 33412
PH/FAXI (561) 225-1982

NTS SCALE

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BILL OF MATERIALS

WOOD DOOR COMPONENTS

	D DOOK CO	JI'II OIVLIVI J		
CODE	PART NO.	DESCRIPTION	MATERIAL	MANUFACTURER
1	FIDS-1	HEAD AND JAMB RABBETED AND KERFED	SOLID	FLORIDA IMPACT DOOR
2	FIDS-2	STILES AND TOP RAIL*	VDDD	FLORIDA IMPACT DOOR
3	FIDS-3	BOTTOM RAIL*	VDDD	FLORIDA IMPACT DOOR
4	FIDS-4	GLASS STOP	SOLID WOOD	FLORIDA IMPACT DOOR
5	FIDS-5	THRESHOLD SILL CAP	SOLID WOOD	FLORIDA IMPACT DOOR
6	FIDS-6	DOOR BRACE	SOLID WOOD	FLORIDA IMPACT DOOR
7	FIDS-7	ASTRAGAL*	WOOD	FLORIDA IMPACT DOOR
8	FIDS-8	ASTRAGAL COVER	SOLID WOOD	FLORIDA IMPACT DOOR
9	FIDS-9	TOP RAIL TENDON	SOLID WOOD	FLORIDA IMPACT DOOR
10	FIDS-10	BOTTOM RAIL TENDON	SOLID WOOD	FLORIDA IMPACT DOOR

DOOR HARDWARE

1A	FIDS-1A	STRIKE PLATE	ALUMINUM-6063-T6	FLORIDA IMPACT DOOR
2A	FIDS-2A	REINFORCING PLATE @ DOOR LEAF TOP AND BOTTOM	ALUMINUM-6063-T6	FLORIDA IMPACT DOOR
3A	FIDS-3A	DOOR BRACE PLATE	ALUMINUM-6063-T6	FLORIDA IMPACT DOOR
4A	DBF0400NRN	DROP BOLT - BOTTOM	ALUMINUM-6063-T6/SS	CENTOR
5A	DBS45B	HINGE	BRASS	DELTANA
6A	12EFB26D	FLUSH BOLT	BRASS	DELTANA
7A	DBF0600NRN	DROP BOLT - TOP	ALUMINUM/STAINLESS STEEL	CENTOR
8A	6-29385-11-0-8	GU MULTIPOINT DOOR LOCK SYSTEM	STAINLESS STEEL	G-U
1AB	FIDS-1AB	STRIKE PLATE	ALUMINUM-6063-T6	FLORIDA IMPACT DOOR

FASTENERS/MISC

1B	N/A	#12 X 2 1/4" SMS SCREW PFHD	1/4" SMS SCREW PFHD STAINLESS STEEL	
2B	N/A	#12 X 1 3/4" SMS SCREW PFHD	ZINC	N/A N/A
3B	N/A	#12 X 3/4" SMS SCREW PFHD	ZINC	N/A
4B	N/A	#8 X 1 1/4" SMS SCREW PFHD	ZINC	N/A
5B	4866	HIGH DAM THRESHOLD	ALUMINUM-6063-T6	N/A
6B	N/A	#8 X 3/4" SMS SCREW PFHD	STAINLESS STEEL	N/A
7B	N/A	#12 X 1 1/4" SMS SCREW PFHD	ZINC	N/A
8B	QEBD-650C8	WEATHER STRIP - Q-LON 650	RUBBER-NEOPRENE	SCHLEGEL
9B	DDW 995	SEALANT - 1/16" BEAD	DDW 995	DOW CORNING
10B	N/A	#10 X 2" SMS SCREW PFHD	STAINLESS STEEL	N/A
11B	LTP	LOCK THROW PLATE	STAINLESS STEEL	N/A
12B	N/A	#8 X 1 1/2" SMS SCREW PFHD	ZINC	N/A
12B	N/A	ALUMINUM CHANNEL	ALUMINUM-6063-T6	N/A

WOOD MAKE UP:

THE FOLLOWING TYPES OF WOOD DOORS AND FRAMES WERE TESTED:

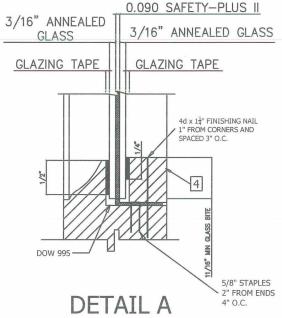
SAPELE (SG= 0.55,E= 1.70×10⁶ PSI) KHAYA (SG= 0.44 ,E= 1.3×10⁶ PSI) MARA MACHO (SG= 0.51,E= 1.58×10⁶ PSI) ANY DURABLE SPECIES WITH A SPECIFIC GRAVITY OF 0.44 AND A MODULUS OF ELASTICITY OF 1.3×10⁶ PSI MAY BE USED.

* THESE WOOD SHAPES ARE CONSTRUCTED FROM SOLID WOOD PIECES FACE AND EDGE-GLUED TOGETHER USING EITHER CP ADHESIVE'S CP-503 UREA RESIN OR CASCO'S 3010 SYSTEM WOOD ADHESIVE. ANY UREA-FORMALDEHYDE RESIN THAT MEETS THE REQUIREMENTS OF ASTM D4690 MAY BE USED. SEE SHEETS 8-9 FOR THE MAKE-UP OF THE FACE AND EDGE-GLUED SHAPES.

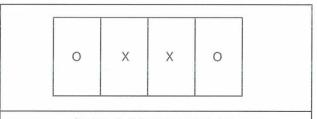
GLASS MAKE UP:

GL1: 7/16" LAMINATED GLASS 3/16" ANNEALED GLASS *0.090 SAFETY-PLUS II 3/16" ANNEALED GLASS

> *POLYLAM, POLYURETHANE LAMINATING POLYMER BY POLYMER EXTRUSION TECHNOLOGY, INC. (dba GLASSLAM)



		DET
HINGE REQU	JIREMENTS	
DOOR HEIGHT	# HINGES REQ'D MAX SPACING 27 3/8"	
8' - 2"	4	



SHAPES CONSIDERED AS PART OF THIS APPROVAL

	DESCRIPTION	2/27/2012 DRIGINAL RELEASE	1 10/08/2012 RND SUBMITTAL	
LASS	DATE	2/27/2012	10/08/2012	
	REV.		-	
NAIL ND TAPLES JM ENDS	PRDJECT NAME		PORTILLO SERIES BOCA DOOR	

BY LAT

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