

COASTLINE POWER SOLUTIONS

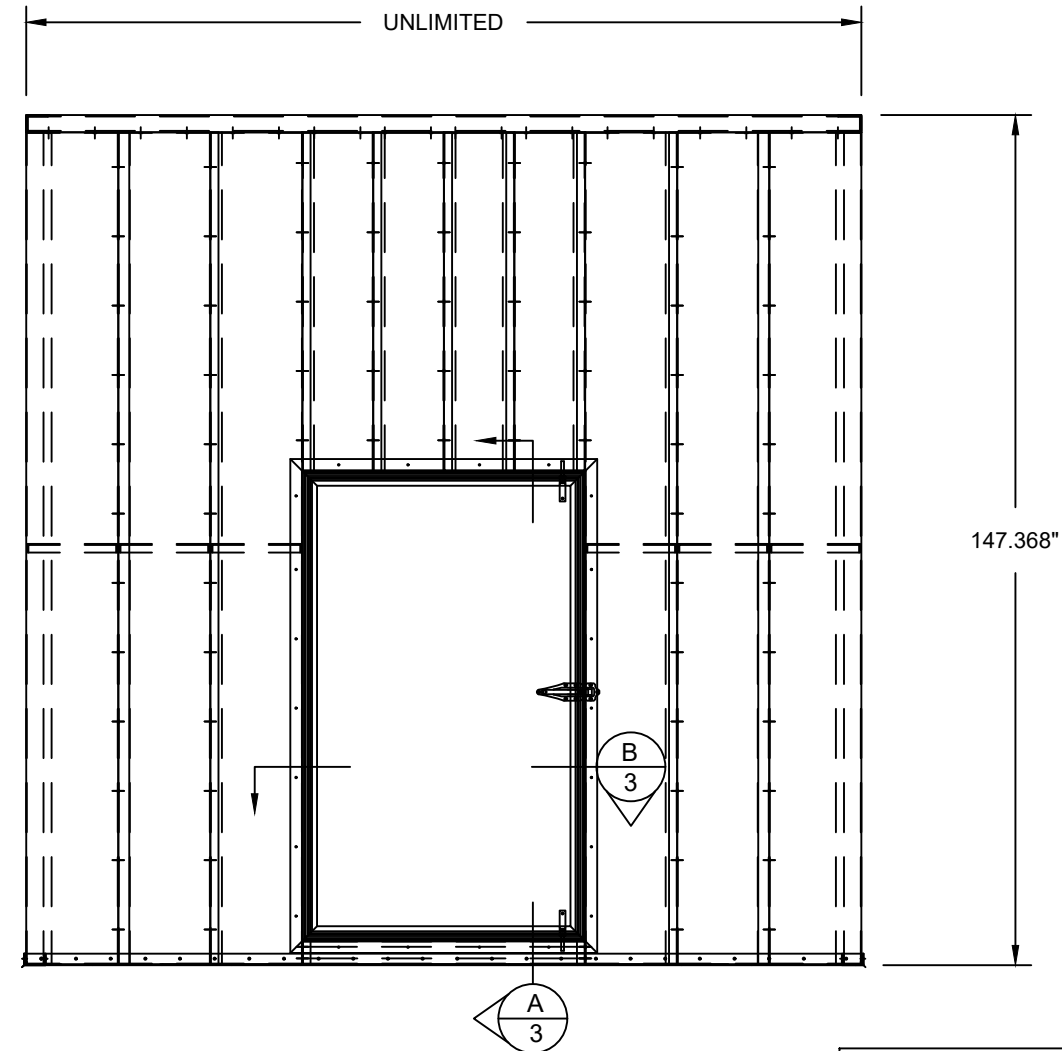
DOOR PANELS

GENERAL NOTES:

1. THESE PRODUCT EVALUATION DOCUMENTS REPRESENT A MODULAR WALL PANEL COMPONENT SYSTEM DESIGNED AND TESTED IN ACCORDANCE WITH THE PROVISIONS FOR THE HIGH VELOCITY HURRICANE ZONE (HVHZ) OF THE 9TH EDITION (2026) FLORIDA BUILDING CODE AND MEETS THE LARGE MISSILE IMPACT REQUIREMENTS.
2. PRODUCT TESTING WAS TO TAS 201, TAS 202 (STRUCTURAL ONLY) AND TAS 203. PROTOCOLS WHERE AXIAL LOADS WERE NOT CONSIDERED. TEST REPORTS:
 - 2.1. WALL SECTION WITH DOOR- CTLA 1749W-1
3. THE STRUCTURAL INTEGRITY OF THE SUPPORTING STRUCTURE TO WHICH DOOR UNIT IS ATTACHED IS NOT A PART OF THIS PRODUCT APPROVAL.
4. THE ASSEMBLY OF THIS DOOR PANEL MUST BE AS SHOWN IN THESE DRAWINGS.
5. DESIGN WIND AND LIVE LOADS SHALL BE DETERMINED IN ACCORDANCE WITH CHAPTER 16 OF THE CURRENT EDITION OF THE FLORIDA BUILDING CODE.
6. BUILDING DIMENSIONS, DETAILS, AND OTHER ELEMENTS INCLUDING ATTACHMENT TO SUBSTATE WHERE DOOR PANEL WILL BE INSTALLED SHALL BE DESIGNED BY A FLORIDA LICENSED PROFESSIONAL ENGINEER OR ARCHITECT.
 - 6.1. SUPPORTING SUBSTRATE AS REQUIRED BASED ON INSTALLATION REQUIREMENTS AND LOCATION.
 - 6.2. SUBSTRATE ANCHOR AS REQUIRED BASED ON INSTALLATION REQUIREMENTS AND SUBSTRATE MATERIAL.
7. ALTERATIONS OR ADDITIONS TO THIS DOCUMENT ARE NOT PERMITTED.
8. COMBINATION WALL PANEL/STUDS SHALL BE SHEET ALUMINUM 5052-H32 ALLOY WITH A MINIMUM THICKNESS OF 0.090"
9. DOOR EXTRUDED FRAME COMPONENTS SHALL BE 6063-T6 ALUMINUM.
10. FASTENER CORROSION PROTECTION:
 - 10.1. ALL SCREWS AND OTHER FASTENERS SHALL BE CORROSION RESISTANT MATERIAL OR HAVE CORROSION RESISTANT COATING. SEE NOTE 10.2 BELOW.
 - 10.2. FASTENERS EXPOSED TO SALTWATER ENVIRONMENTS WITHIN 3,000 FEET OF A SALTWATER COASTLINE SHALL COMPLY WITH SECTION 1711 OF THE 9TH EDITION (2026) FLORIDA BUILDING CODE AND SECTION R332 OF THE 9TH EDITION (2026) FLORIDA RESIDENTIAL CODE WHEN APPLICABLE.

DOOR WALL PANEL TEST UNIT

1. 145" WIDE X 147.368" HIGH
2. 10 PANELS SECURED TOGETHER
3. ATTACHED AT HEAD AND SILL ONLY
4. TESTED DESIGN PRESSURE
 - 4.1. TAS 202 +60, -50 PSF DP
 - 4.2. TAS 203 +60, -50 PSF DP



(REFERENCE SHEET 2 AND 3)

This item has been digitally signed and sealed by Robert J. Amoruso, PE on the date adjacent to the seal. Signature must be verified on any electronic copies.

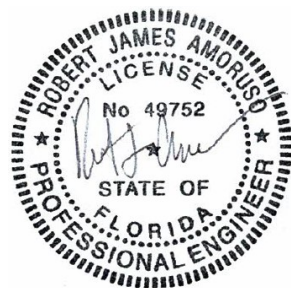
DESIGN PRESSURE RATING (PSF)		IMPACT RATING
WHERE WATER RATING IS REQUIRED	WHERE WATER RATING IS NOT REQUIRED	LARGE MISSILE IMPACT
N/A	+60/-50 PSF	

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SHEET		SHEET DESCRIPTION
1		GENERAL NOTES AND D.P. CHART
2		DOOR PARTS AND BILL OF MATERIALS
3		DOOR PARTS AND SECTIONS
4		MOUNTING DETAILS

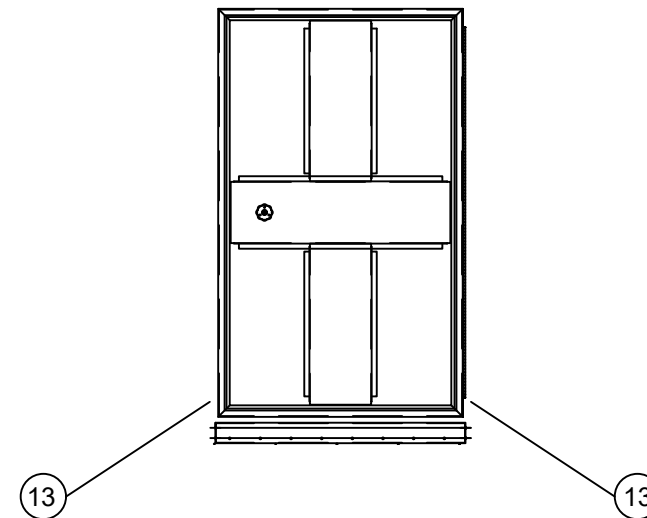
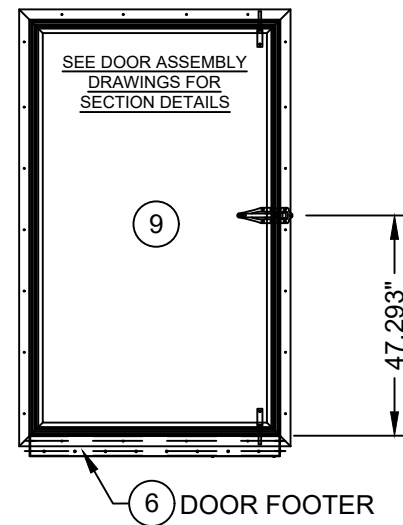
PROJECT # ACE-2025-130				
REV	DESCRIPTION	DATE	BY	
A	UPDATE TO 9TH EDITION (2026) FBC	7/24/26	RJA	

COASTLINE POWER SOLUTIONS 1965 BENNETT DRIVE DELAND, FLORIDA 32724		DOOR PANELS GENERAL NOTES & D.P. CHART	
AMORUSO CONSULTING ENG., LLC FBPE REGISTRATION NO. 38327 226 N NOVA RD, NO. 142 ORMOND BEACH, FL 32174 RJAENGPE@GMAIL.COM		DRAWN BY: RJA	DATE: 12/15/20
		SCALE:	DRAWING NO: CPS0002
		REV:	SHEET: 1 OF 4

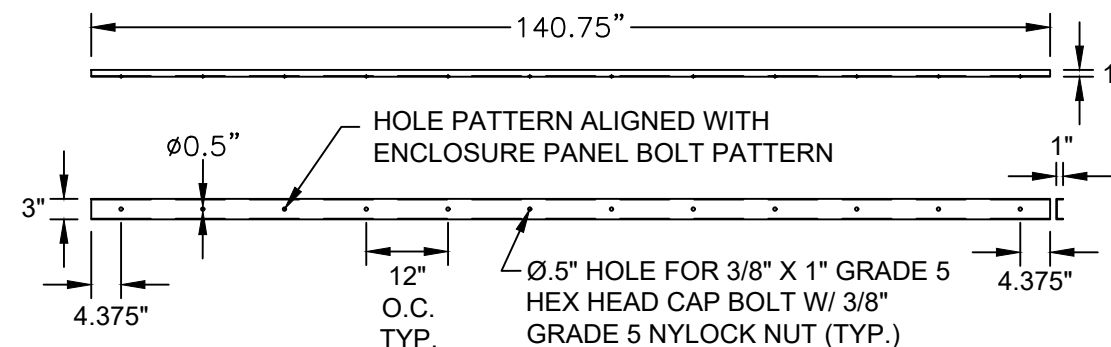
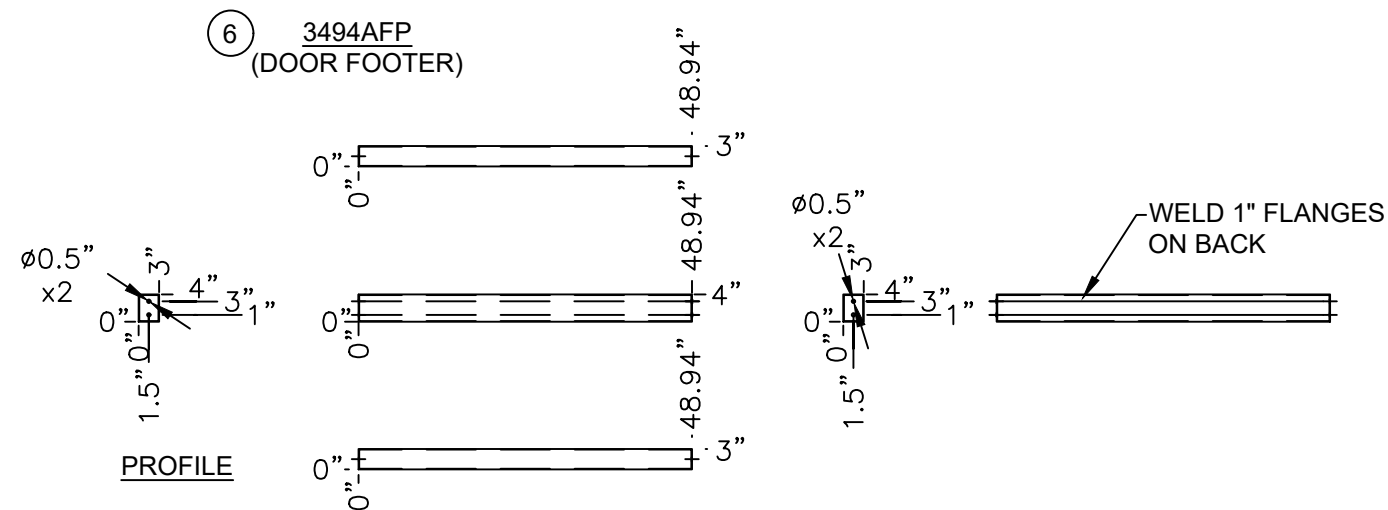
Robert J. Amoruso, P.E.
Florida P.E. No. 49752



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INTERIOR VIEW
W/ DOOR ASSEMBLY



13 DOOR FRAME SUPPORT CHANNEL: 5052-H32.090AL
(2 PLACES)

BILL OF MATERIALS					
ITEM#	LOCATION	DESCRIPTION	MATERIAL	QTY.	NOMINAL SIZE
24	DOOR ASSY.	OUTER DOOR SKIN	.090" ALUMINUM 5052-H32	1	47.5" X 79.5
25	DOOR ASSY.	EXTRUDED DOOR FRAME	EXTRUDED ALUMINUM 6063 T6	2	81.875" *CRITICAL
26	DOOR ASSY.	EXTRUDED DOOR FRAME	EXTRUDED ALUMINUM 6063 T6	2	49.875" *CRITICAL
27	DOOR ASSY.	EXTRUDED DOOR JAMB	EXTRUDED ALUMINUM 6063 T6	2	79.813" *CRITICAL
28	DOOR ASSY.	EXTRUDED DOOR JAMB	EXTRUDED ALUMINUM 6063 T6	2	47.813" *CRITICAL
29	DOOR ASSY.	DOOR PIANO HINGE	S.S. PIANO HINGE	1	72.5" X 1" X 1" X .375"
30	LATCH ASSY.	SLIDE LATCHES	PART #SB453-8-TB-US	2	IVES
31	LATCH ASSY.	DOOR HANDLE, LATCH, STRIKE, LOCK	PART #43493	1	N/A
32	LATCH ASSY.	INTERIOR HANDLE	PART #43506	1	N/A
33	DOOR ASSY.	CENTER DOOR LATCH STANDOFF (HORIZ.)	.090" 5052-H32	1	SEE DRAWING
34	DOOR ASSY.	TOP/BOTTOM DOOR GUIDE STANDOFFS	.090" 5052-H32	2	SEE DRAWING

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COASTLINE POWER SOLUTIONS
1965 BENNETT DRIVE
DELAND, FLORIDA 32724

DOOR PANELS
DOOR PARTS AND BILL OF MATERIALS

AMORUSO CONSULTING ENG., LLC FBPE REGISTRATION NO. 38327 226 N NOVA RD, NO. 142 ORMOND BEACH, FL 32174 RJAENGPE@gmail.com	DRAWN BY: RJA SCALE: N.T.S. REV: A-	DATE: 12/15/20 DRAWING NO: CPS0002 SHEET: 2 OF 4
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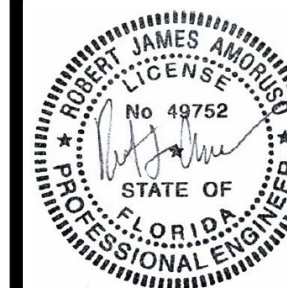
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