

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:

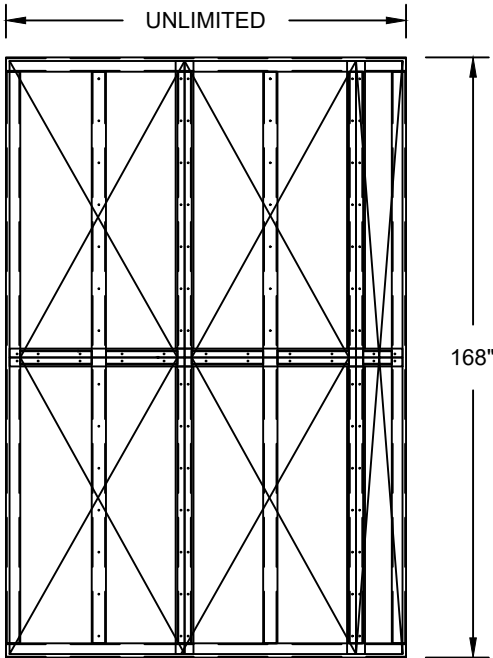
2.1. ROOF PANEL - CTLA 1749W-2
3. THE STRUCTURAL INTEGRITY OF THE SUPPORTING STRUCTURE TO WHICH THESE PANELS ARE ATTACHED IS NOT A PART OF THIS PRODUCT APPROVAL.
4. THE ASSEMBLY OF THIS ROOF PANEL MUST BE AS SHOWN IN THESE DRAWINGS.
5. DESIGN WIND AND LIVE LOADS SHALL BE DETERMINED IN ACCORDANCE WITH CHAPTER 16 OF THE CURRENT EDITION OF THE FLORIDA BUILDING CODE.
6. BUILDING DIMENSIONS, DETAILS, UPLIFT, OVERTURNING, FOUNDATION, ROOF AND OTHER ELEMENTS INCLUDING ATTACHMENT TO SUBSTRATE WHERE ROOF 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 ROOF PANEL SHALL BE SHEET ALUMINUM 5052-H32 ALLOY WITH A MINIMUM THICKNESS OF 0.090"
9. ROOF PANEL WIND LOAD EXTRUDED TUBES SHALL BE 6061-T6 ALLOY 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.



- (REFERENCE SHEET 2)
- ROOF PANEL TEST UNIT
1. 112" WIDE X 168" HIGH
2. 5 PANELS SECURED TOGETHER
3. ATTACHED AT HEAD AND SILL ONLY.
4. TESTED DESIGN PRESSURE

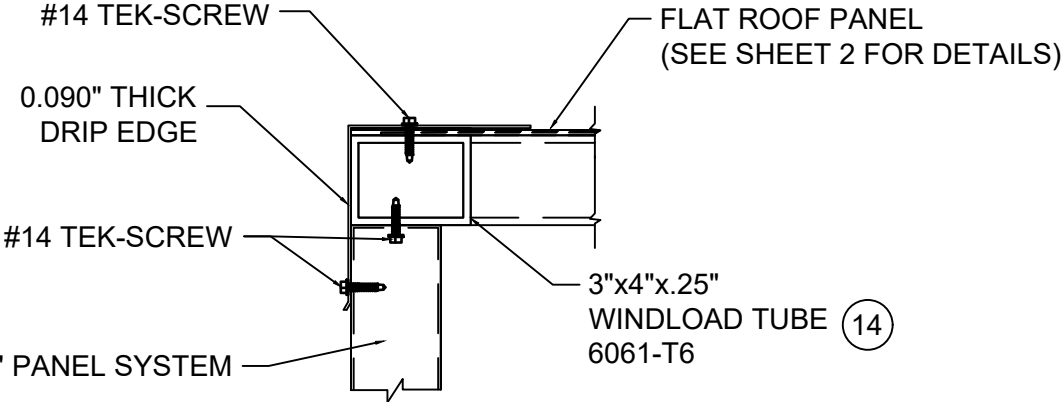
4.1. TAS 202 +65, -60 PSF DP

4.2. TAS 203 +60, -50 PSF DP

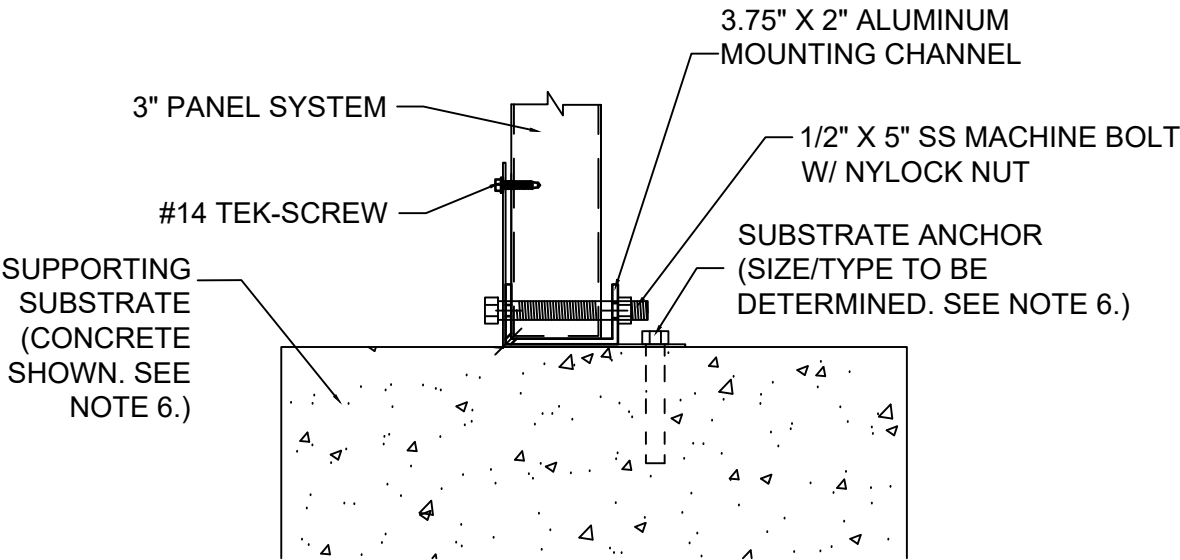
COASTLINE POWER SOLUTIONS

ROOF PANELS

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.



SOLID PANEL OR DOOR PANEL AT ROOF PANEL HEAD
(SEE ADVM0001 FOR SOLID PANEL AND ADVM0002 FOR DOOR PANEL)



SOLID OF DOOR PANEL AT SILL
(SEE ADVM0001 FOR SOLID WALL PANEL AND ADVM0002 FOR DOOR PANEL)

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	

BILL OF MATERIALS					
ITEM#	LOCATION	DESCRIPTION	MATERIAL	QTY.	NOMINAL SIZE
14	WINDLOAD	WINDLOAD TUBE	3"x4"x.25" ALUMINUM TUBE 6061-T6	2	112" LENGTHS
15	WINDLOAD	WINDLOAD TUBE	3"x4"x.25" ALUMINUM TUBE 6061-T6	6	160" LENGTHS
16	WINDLOAD	WINDLOAD TUBE	3"x4"x.25" ALUMINUM TUBE 6061-T6	4	20" LENGTHS
17	WINDLOAD	WINDLOAD TUBE	3"x4"x.25" ALUMINUM TUBE 6061-T6	1	8" LENGTHS
18	ROOF	ROOF PANNEL	.090" ALUMINUM 5052-H32	2	49"x 83"
19	ROOF	ROOF PANNEL	.090" ALUMINUM 5052-H32	2	61"x 83"
20	ROOF	ROOF PANNEL	.090" ALUMINUM 5052-H32	2	13"x 83"
21	ROOF	ROOF SEAM	.090" ALUMINUM 5052-H32	1	5"x 110"
22	ROOF	ROOF SEAM	.090" ALUMINUM 5052-H32	4	5"x 80.5"
23	ROOF	TRIM	.090" ALUMINUM 5052-H32	5	114" LENGTHS

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

COASTLINE POWER SOLUTIONS 1965 BENNETT DRIVE DELAND, FLORIDA 32724	ROOF PANELS			
	GENERAL NOTES, D.P. CHART & MOUNTING DETAILS	DATE: 12/15/20	DRAWING NO: CPS0003	SHEET: 1 OF 2
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

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



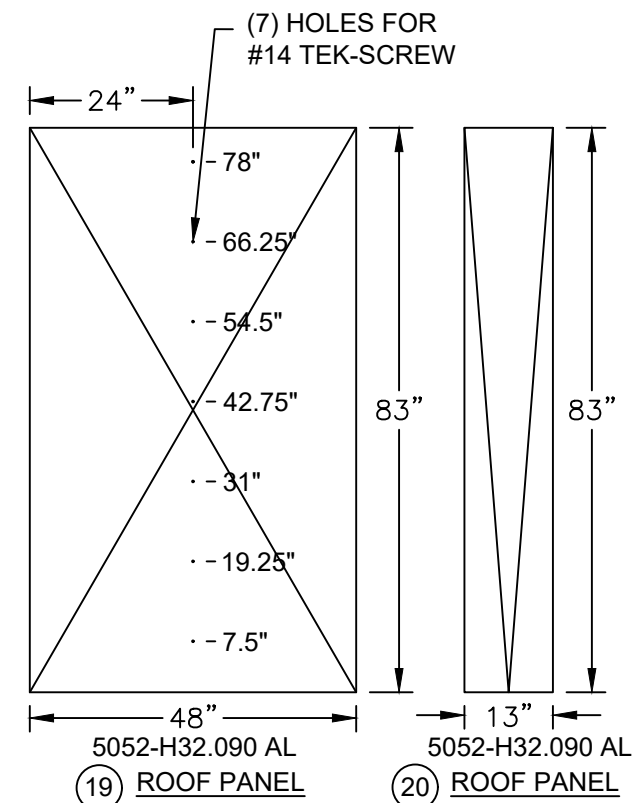
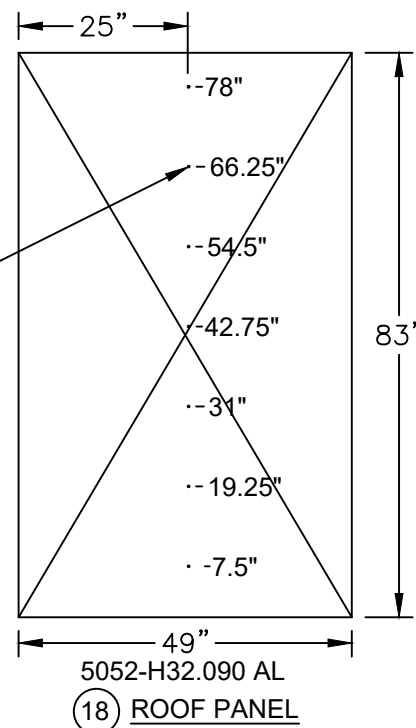
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TOP INTERIOR VIEW WITHOUT PANELS



TOP EXTERIOR VIEW W/ PANELS



FASTENING INFORMATION		
ITEM	MATERIAL	DESCRIPTION
#14 HEX WASHER HEAD SELF DRILLING SCREW W/ BONDING SEAL WASHER	SCREW: 410 STAINLESS	MNT. CHANNEL TO ENCLOSURE WINDLOAD TO ENCLOSURE, WINDLOAD TO TRIM/ROOF CONNECTIONS
	WASHER: 18-8 STAINLESS	

SECTION 1504.3.1.1 METAL HIP AND RIDGE COVERS OF THE 9TH EDITION (2026)
FLORIDA BUILDING CODE IS NOT APPLICABLE TO THIS PRODUCT.
THE ROOF PANEL IS NOT A HIP OR RIDGE COVER. THE ROOF PANEL HAS BEEN
TESTED USING TAS 201, TAS 202 AND TAS 203



Digitally signed
by Robert J
Amoruso
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