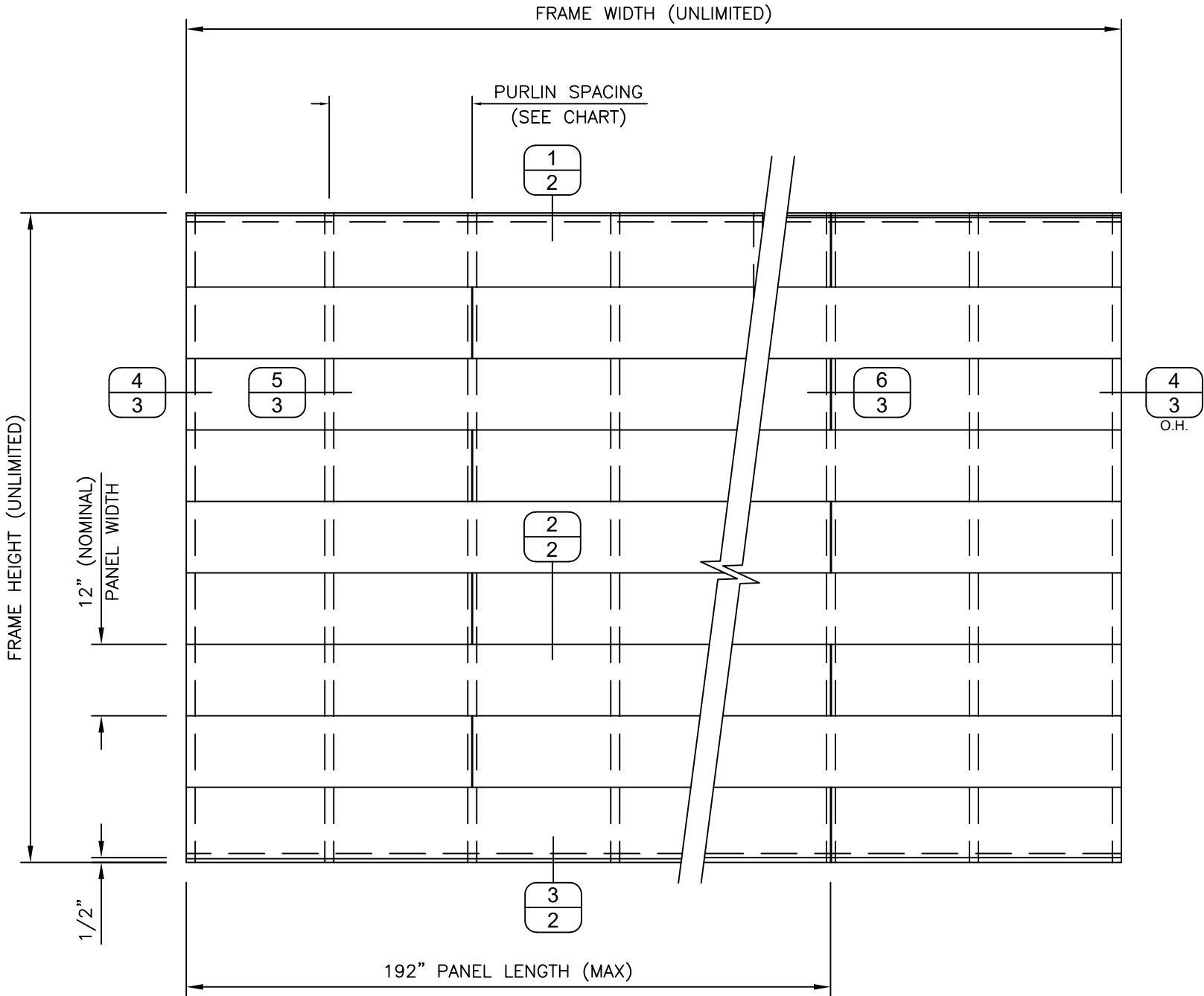


SENTRIGARD FP100 SERIES WALL PANELS
0.032" ALUMINUM PANELS OVER 16 Ga. STEEL PURLINS

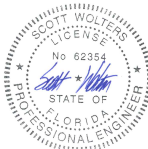
GENERAL NOTES:

- 1. THIS SYSTEM HAS BEEN DESIGNED AND TESTED TO MEET ALL OF THE REQUIREMENTS OF THE 8TH EDITION (2023) FLORIDA BUILDING CODE, FOR USE OUTSIDE OF THE HIGH VELOCITY HURRICANE ZONE (HVHZ).
- 2. THIS SYSTEM HAS BEEN TESTED PER TAS 202. THIS SYSTEM HAS NOT BEEN TESTED FOR IMPACT RESISTANCE, SHUTTERS ARE REQUIRED IN WINDBORNE DEBRIS REGIONS.
- 3. THIS SYSTEM HAS BEEN DESIGNED FOR INSTALLATION OVER OPEN 16 Ga. STEEL PURLINS (Fut = 45 ksi min). THE PURLINS MUST ADEQUATELY SUPPORT THE LOADS IMPOSED BY THE PANEL SYSTEM AND TRANSFER THEM SAFELY TO THE BUILDING STRUCTURE.
- 4. DESIGN LOADS MUST BE CALCULATED BY A PROFESSIONAL ENGINEER OR ARCHITECT FOR EACH PROJECT. THE (ASD) PROJECT PRESSURE CANNOT EXCEED THE DESIGN PRESSURES LISTED IN THE TABLE ON THIS SHEET.
- 5. ALL ANCHORS SECURING THE SYSTEM TO PRESSURE TREATED WOOD SHALL BE CAPABLE OF RESISTING CORROSION CAUSED BY THE CHEMICALS IN THE WOOD.
- 6. MATERIALS INCLUDING BUT NOT LIMITED TO STEEL/METAL SCREWS THAT COME INTO CONTACT WITH OTHER DISSIMILAR MATERIALS SHALL BE PROTECTED PER FBC REQUIREMENTS.
- 7. NO INCREASE IN ALLOWABLE STRESS HAS BEEN USED IN THE DESIGN OF THIS PRODUCT. Cd=1.6 WAS USED FOR WOOD SCREWS ONLY.
- 8. PANELS ARE MADE FROM 0.032" ALUMINUM (Fy = 24 ksi min).
- 9. PANELS ARE FASTENED TO THE 16 Ga. PURLINS WITH #8-18 x 3/4" PAN FLAT HEAD TEKS SCREWS (OR EQUAL). (1) FASTENER AT JAMBS, (1) PER PURLIN FOR 12" PURLIN SPACING, (2) PER PURLIN FOR 60" PURLIN SPACING, AND (2) PER PURLIN AT PANEL JOINTS.

PURLIN SPACING (in)	MAXIMUM DESIGN PRESSURE (+/- psf)
12	100
60	26.6



EXTERIOR VIEW
(NOT TO SCALE)



Digitally signed
by Scott Walters
Date: 2026.04.16
12:14:54 -05'00'

SENTRIGARD
METAL ROOFING SYSTEMS

65 10TH STREET
LYNCHBURG, VA 24504

PH: (434) 847-2445
www.sentrigard.com

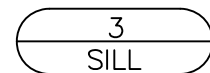
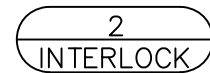
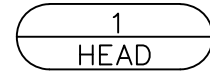
1ST SUBMITTAL
PRINTS ISSUED FDR

4/16/26
DATE

SEAL:
SCOTT WALTERS
FL PE# 62354
WALTERS ENGINEERING
(CO.# 27194)
15211 97TH ROAD N
WEST PALM BEACH, FL 33412
PH/FAX:(561) 225-1982

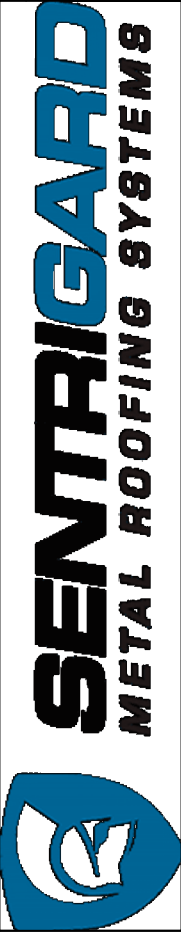
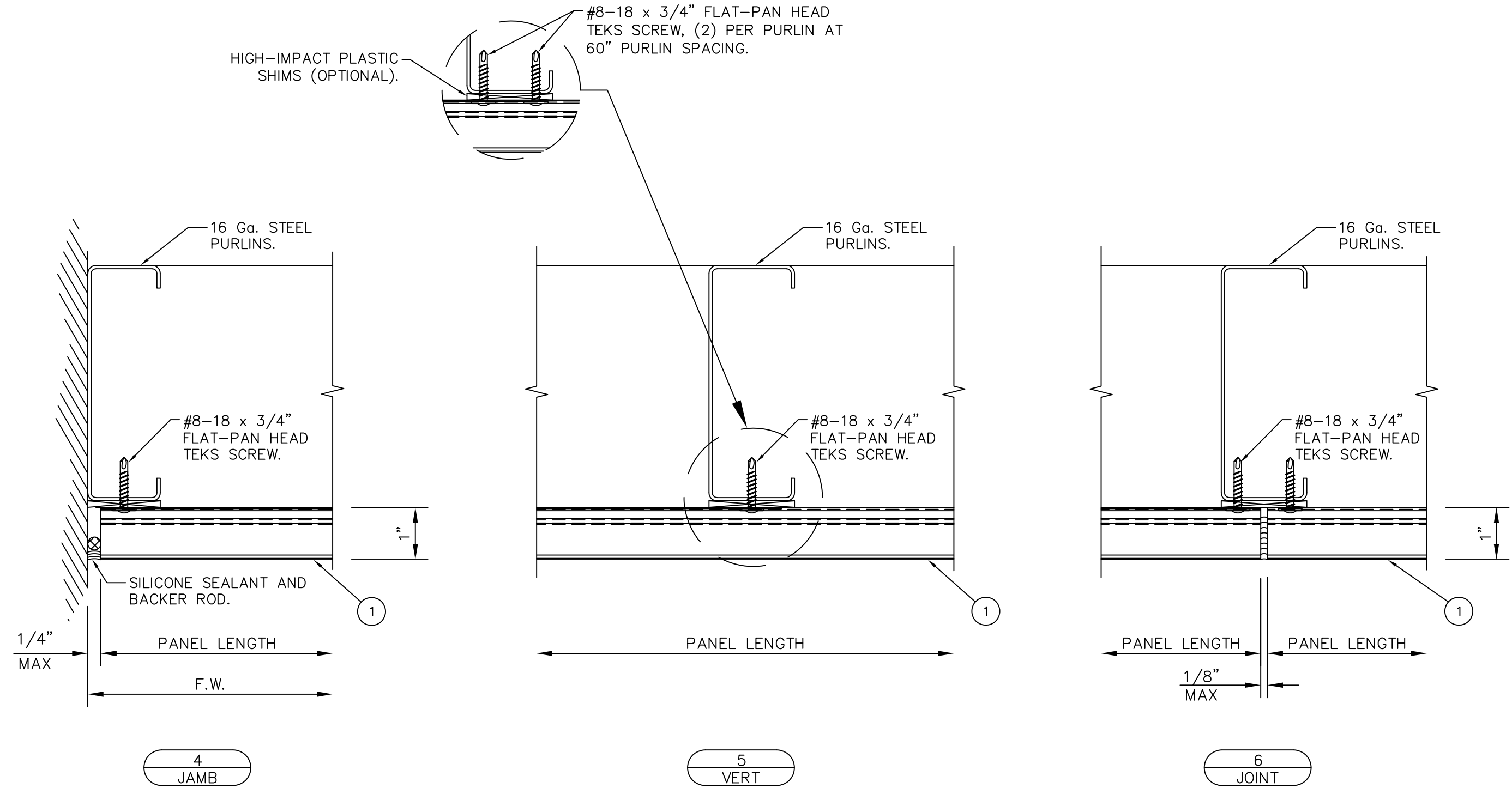
DWG: FP100AW-PUR
SHEET: 1/4

0.032" ALUMINUM PANELS OVER 16 Ga. STEEL PURLINS



 SENTRIGARD METAL ROOFING SYSTEMS	PH: (434) 847-2445 www.sentrigard.com	1ST SUBMITTAL	4/16/26
	65 10TH STREET LYNCHBURG, VA 24504	PRINTS ISSUED FOR	DATE
SEAL: SCOTT WOLTERS FL PE# 62354 WOLTERS ENGINEERING (COA# 27194) 15211 97TH ROAD N WEST PALM BEACH, FL 33412 PH/FAX: (561) 225-1982			
DWG: FP100AW-PUR		SHEET: 2/4	

SENTRIGARD FP100 SERIES WALL PANELS
0.032" ALUMINUM PANELS OVER 16 Ga. STEEL PURLINS



SEAL:

SCOTT WOLTERS
FL PE# 62354

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PH/FAX: (561) 225-1982

STATE OF FLORIDA
PROFESSIONAL ENGINEER
APR 06 2026
No 62354

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
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0.032" ALUMINUM PANELS OVER 16 Ga. STEEL PURLINS



WOLTERS ENGINEERING
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SEAL

SCOTT WOLTERS
FL PE# 62354

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WEST PALM BEACH, FL 33412
PH/FAX: (561) 225-1982

SHEET: 4/4



PH: (434) 847-2445
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1ST SUBMITTAL	—	REV.#	DATE
PRINTS ISSUED FOR	4/16/26		