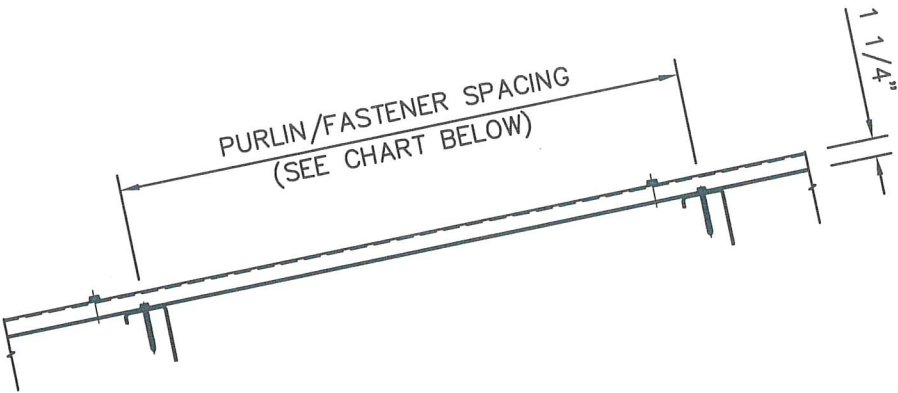
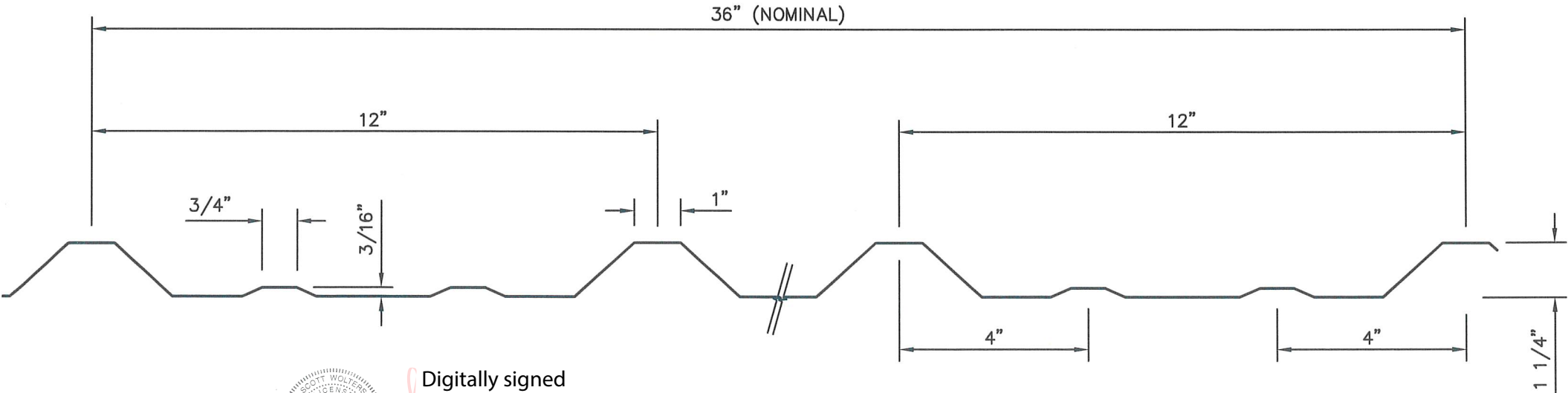
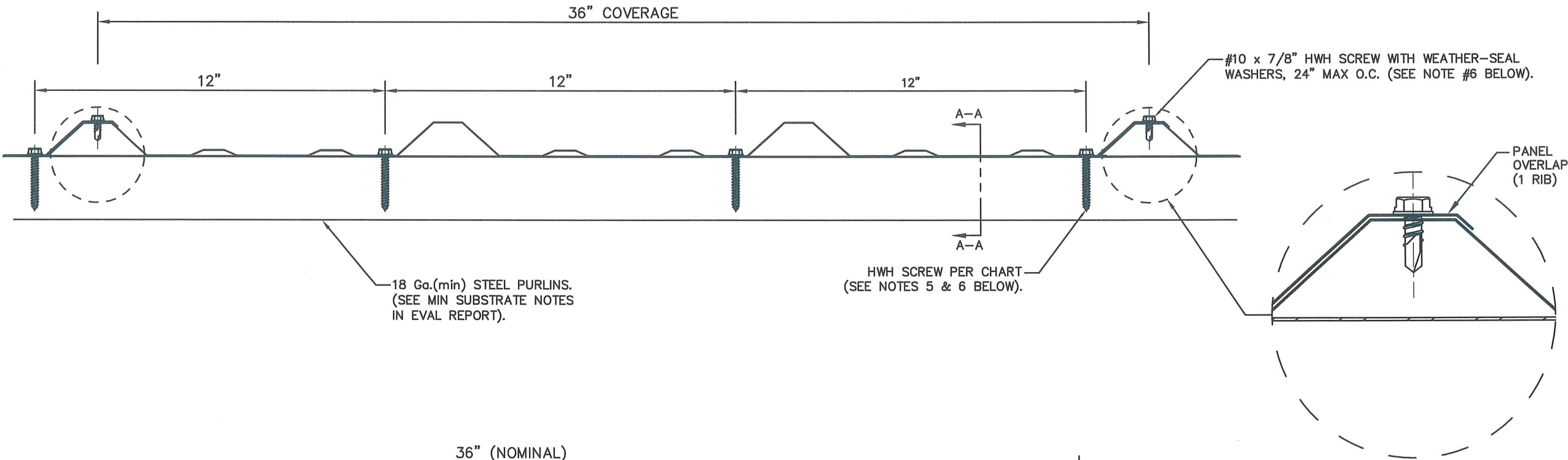


DIXIE SUPPLY 26 GA. STEEL PBR ROOF PANEL
36" WIDE x 1 1/4" RIB HEIGHT OVER 18 Ga. (min) STEEL PURLINS

PURLIN/ FASTENER SPACING (in)	FASTENER SIZE	MAXIMUM (ASD) DESIGN PRESSURE (+/- psf)					
		STEEL SUPPORT PURLIN					
		F _{UT} = 45 ksi (min)			F _{UT} = 68 ksi (min)		
		18 Ga.	16 Ga.	14 Ga.	18 Ga.	16 Ga.	14 Ga.
60	#10-16 HWH FASTENER WITH WEATHER-SEAL WASHER	23	29	36	33	41	45
	#12-14 HWH FASTENER WITH WEATHER-SEAL WASHER	26	33	41	38	45	45
	#10-16 DEWALT DRILIT (#1 POINT) WITH WEATHER-SEAL WASHER	37	45	45	45	45	45



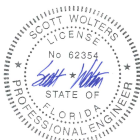
SECTION A-A



PANEL PROFILE

GENERAL NOTES:

1. ROOF SLOPE IS LIMITED PER THE REQUIREMENTS OF FBC SECTION 1504.7 AND 1507.4.2.
2. DESIGN OF STEEL PURLINS IS BY OTHERS AND NOT A PART OF THIS APPROVAL.
3. DESIGN OF PANELS AS DIAPHRAGMS OR TO PROVIDE LATERAL SUPPORT FOR PURLINS IS NOT PART OF THIS APPROVAL.
4. ALL PANEL SYSTEM PERIMETERS, PENETRATIONS, AND TRANSITIONS TO BE FLASHED AND SEALED PER THE MANUFACTURER'S INSTALLATION INSTRUCTIONS AND RAS 133.
5. FASTENERS MUST BE OF SUFFICIENT LENGTH TO FULLY PENETRATE THE STEEL PURLINS, WITH 3 ADDITIONAL THREADS BEYOND (min).
6. 300 SERIES STAINLESS STEEL FASTENERS ARE REQUIRED WITHIN 3000 FT OF A SALTWATER COASTLINE.



Digitally signed
by Scott Wolters
Date: 2026.09.07
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STATE OF FLORIDA
PROFESSIONAL ENGINEER
SEP 06 2026
9/6/26
DATE