

VECTOR GALVASHIELD TIDAL CATHODIC PROTECTION JACKET

NOTES

*1 - Pumping ports installed 6 inches off the bottom of the jacket and then installed on opposite sides of the jacket staggered every 4 feet.

*2 - 1/4" x 1.5" Nylon Push pins installed in the tongue and groove FRP seam every 10 inches

*3 - 5/8" - 11 Nylon standoffs installed on every 4 sq ft of FRP jacket at 24" spacing

*4 - Bulk Anode length sufficient to route to the junction box, #8 AWG red copper stranded wire with HMWPE insulation potted connection

*5 - Zinc Mesh Anode pre-attached to the inside face of the FRP forms with non-metallic nylon fasteners at a minimum of 1 every 2.25 sq ft. Mesh Anode wire of sufficient length to reach the junction box. Anode wire is #10 AWG red copper stranded wire with HMWPE insulation soldered to zinc mesh with 100% solids epoxy coating

*6 - Two 3.5" Tongue and Groove seams running full length of the jacket on opposite sides

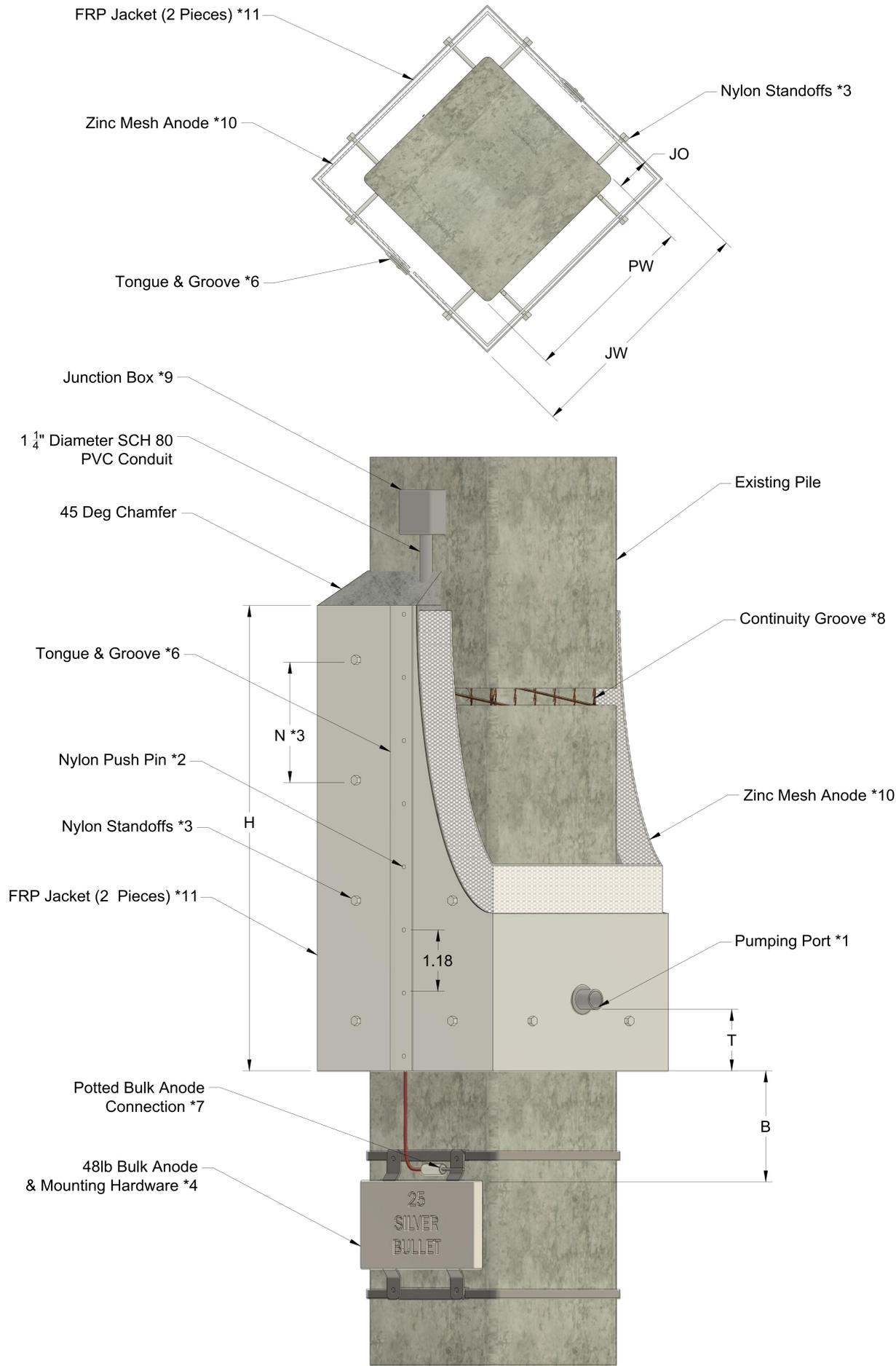
*7 - Lower 8" of the potted bulk anode connection to be filled with non-conductive epoxy. The remaining length of PVC shall extend into the bottom of the jacket 3"

8* - Refer to original plans and specs if a continuity groove is required to correct discontinuous steel within the pile

9* - Mount the junction box at appropriate elevation above the jacket show on the plans

10* - Zinc mesh anode is factory pre-installed and secured with the nylon standoffs with nylon washers and nuts. Each FRP shell has expanded zinc mesh anode pre-attached.

11* - FRP Stay-in-place form work is $\frac{3}{16}$ " diameter with tongue and groove joints that are filled with epoxy and secured with nylon pins ever 10"



ELEVATION VIEW

Galvashield DAS Jacket Properties		
ITEM	DESCRIPTION	INCHES
JW	Jacket Width	
PW	Pile Width	
JO	Jacket Overbuild	
H	Jacket Height	
N	Nylon Standoff Spacing	24
T	Pump Port Spacing	6
B	Bulk Anode	12
P	Push Pin Spacing	10
ND	Number of DAS Per Face	2



PROJECT			
TITLE			
APPROVED	SIZE	CODE	DWG NO
CHECKED	E		
DRAWN	SCALE	WEIGHT	SHEET 1/1