

Western Pacific Engineering and Survey
 Thursday, August 11, 2022 3:01:09 PM

PROJECT: rvey Boundary and Topo projects\1 WPES Boundary CAD file\22140 BLA.pro

 GEOMETRY REPORT

Traverse name:

Point Number Elevation Bearing	Description Distance	Vertical Angle	Northing	Easting
PC818	Calc pt		618159.70561391621371	.9981660
Calc pt				
S38°08'28"E	77.11 ft			
PC819			618099.05887951621419	.6215577
973		Arc Center	617931.06506881621557	.0361510
	Radius:	217.04 ft		
	Delta:	39°46'35" Right		
	Arc Length:	150.67 ft		
	Chord Bearing:	N70°36'21"E		
	Chord Length:	147.67 ft		
	Middle Ordinate:	12.94 ft		
	External:	13.77 ft		
	Deg of Curvature:	26°23'57" Arc Definition		
	Tangent:	78.52 ft		
1301			618148.09314761621558	.9080116
S89°30'21"E	81.27 ft			
1440			618147.39223991621640	.1728330
N02°15'32"W	10.01 ft			
1532			618157.39601551621639	.7782061
N89°30'21"W	48.99 ft			
120	calc pt		618157.81851061621590	.7931783
calc pt				
N01°43'17"W	27.06 ft			
28			618184.86179071621589	.9804689
N00°04'10"E	86.04 ft			
29			618270.90447681621590	.0847709
N02°19'20"W	188.79 ft			
30			618459.53626471621582	.4350342
N04°04'11"W	52.71 ft			
31			618512.11288351621578	.6942046
N02°52'02"W	24.80 ft			
32			618536.88410531621577	.4535854

N00°47'19"W	63.12 ft				618599.99790621621576.5848452
33					
N01°00'39"E	44.01 ft				618644.00247661621577.3613674
34					
35		Arc Center	618655.76112011621447.7249234		
	Radius:		130.17 ft		
	Delta:		58°46'07" Left		
	Arc Length:		133.51 ft		
	Chord Bearing:	N24°12'05"W			
	Chord Length:		127.74 ft		
	Middle Ordinate:		16.75 ft		
	External:		19.22 ft		
	Deg of Curvature:	44°01'00"	Arc Definition		
	Tangent:		73.30 ft		
36					618760.51389841621524.9954142
N59°31'12"W	35.58 ft				618778.56155761621494.3319572
37					
N62°14'59"W	12.09 ft				618784.18958601621483.6349485
38					
N62°17'16"W	34.42 ft				618800.19444051621453.1658802
125					
S31°14'51"W	48.19 ft				618758.99575721621428.1683104
126					
S40°07'28"W	113.56 ft				618672.16500511621354.9868006
127					
S35°14'08"W	82.45 ft				618604.82072621621307.4179530
128					
S38°46'52"W	66.17 ft				618553.23937501621265.9733209
129					
S35°00'59"W	124.38 ft				618451.37458671621194.6035193
130					
S28°17'12"W	27.09 ft				618427.52165871621181.7672288
131					
S35°50'43"W	31.33 ft				618402.12294071621163.4185704
132					
S41°32'01"W	64.99 ft				618353.47427481621120.3271474
133					
S34°41'52"W	59.35 ft				618304.68055331621086.5435254
134					
S35°45'38"W	25.02 ft				618284.37420841621071.9194122
135					

S26°21'02"W	81.77 ft	
136		618211.09939081621035.6244187
S26°56'41"E	54.64 ft	
1104		618162.39329561621060.3822899
S89°30'21"E	311.63 ft	
PC818	Calc pt	618159.70561391621371.9981660

Calc pt

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Total Perimeter = 2160.74 ft
Area = 232032.941 Sq. Ft.
Area = 5.3267 Acres