

Western Pacific Engineering and Survey
 Thursday, August 11, 2022 3:04:09 PM

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

 GEOMETRY REPORT

Traverse name:

Point Number	Description	Vertical Angle	Northing	Easting
Elevation	Bearing	Distance		
4		Z90°36'53"	619492.50014801619928.5794724	
1603.46	S00°00'53"E	1320.35 ft		
	nw27	3" bc ls1474	618172.15217631619928.9156699	
1589.29				
	3" bc ls1474			
	S89°30'21"E	1131.51 ft		
	1104		618162.39329561621060.3822899	
	N26°56'41"W	54.64 ft		
	136		618211.09939081621035.6244187	
	N26°21'02"E	81.77 ft		
	135		618284.37420841621071.9194122	
	N35°45'38"E	25.02 ft		
	134		618304.68055331621086.5435254	
	N34°41'52"E	59.35 ft		
	133		618353.47427481621120.3271474	
	N41°32'01"E	64.99 ft		
	132		618402.12294071621163.4185704	
	N35°50'43"E	31.33 ft		
	131		618427.52165871621181.7672288	
	N28°17'12"E	27.09 ft		
	130		618451.37458671621194.6035193	
	N35°00'59"E	124.38 ft		
	129		618553.23937501621265.9733209	
	N38°46'52"E	66.17 ft		
	128		618604.82072621621307.4179530	
	N35°14'08"E	82.45 ft		
	127		618672.16500511621354.9868006	
	N40°07'28"E	113.56 ft		
	126		618758.99575721621428.1683104	

N31°14'51"E	48.19 ft		618800.19444051621453.1658802
125			
N62°17'16"W	33.95 ft		618815.98188911621423.1106961
39			
N62°44'09"W	29.65 ft		618829.56558631621396.7524809
40			
N67°39'18"W	66.55 ft		618854.86576361621335.2019234
41			
N65°50'34"W	40.40 ft		618871.40026641621298.3371731
42			
N57°40'55"W	28.20 ft		618886.47613071621274.5060621
43			
N49°00'19"W	41.01 ft		618913.37560021621243.5559589
44			
N45°29'51"W	2.65 ft		618915.23191271621241.6671302
121	calc pt		
calc pt			
N45°29'51"W	82.11 ft		618972.78874471621183.1021007
45			
N41°41'24"W	166.52 ft		619097.14045131621072.3475780
46			
N39°29'01"W	117.29 ft		619187.66734761620997.7665079
47			
48		Arc Center	619053.68800571620822.5731460
	Radius:	220.55 ft	
	Delta:	44°07'17" Left	
	Arc Length:	169.84 ft	
	Chord Bearing:	N59°28'04"W	
	Chord Length:	165.67 ft	
	Middle Ordinate:	16.15 ft	
	External:	17.42 ft	
	Deg of Curvature:	25°58'42" Arc Definition	
	Tangent:	89.38 ft	
49			619271.83357741620855.0644937
N78°26'19"W	92.67 ft		619290.40635731620764.2752600
50			
N83°54'31"W	105.51 ft		619301.60211331620659.3632182
51			
N86°37'24"W	144.74 ft		619310.12757811620514.8716463
52			
N87°01'44"W	63.96 ft		619313.44302211620450.9953417
53			

N80°06'33"W	68.31 ft		619325.17636231620383.7026297
55			
N73°39'56"W	38.36 ft		619335.96467871620346.8914392
56			
N67°03'12"W	42.12 ft		619352.38482361620308.1078447
57			
N58°36'16"W	46.32 ft		619376.51620931620268.5673592
58			
N43°40'24"W	38.00 ft		619404.00179941620242.3260239
59			
N34°03'59"W	35.69 ft		619433.56815311620222.3332964
60			
N24°56'52"W	63.85 ft		619491.46337491620195.4004198
26			
N24°56'52"W	4.97 ft		619495.96930371620193.3042602
61			
N16°43'59"W	222.42 ft		619708.97107641620129.2668067
62			
N19°19'15"W	49.34 ft		619755.52817871620112.9438315
63			
N23°42'47"W	49.26 ft		619800.62966341620093.1332907
64			
N27°49'58"W	30.20 ft		619827.33660591620079.0327197
65			
67		Arc Center	619802.72047521620041.9258789
	Radius:	44.53 ft	
	Delta:	80°21'27" Left	
	Arc Length:	62.45 ft	
	Chord Bearing:	N73°44'19"W	
	Chord Length:	57.46 ft	
	Middle Ordinate:	10.51 ft	
	External:	13.75 ft	
	Deg of Curvature:	128°40'10" Arc Definition	
	Tangent:	37.60 ft	
68			619843.42625011620023.8728621
S68°45'14"W	22.87 ft		619835.14035791620002.5614613
69			
S72°09'52"W	24.44 ft		619827.65546901619979.2983173
70			
S81°25'59"W	30.65 ft		619823.08985021619948.9913135
71			

S86°21'03"W 20.54 ft
75

619821.78269411619928.4956278

S00°00'53"E 329.28 ft
4

619492.50014801619928.5794724

1603.46

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Total Perimeter = 5594.91 ft
Area = 1555267.765 Sq. Ft.
Area = 35.7040 Acres

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Point Number	Description	Vertical Angle	Northing	Easting
Elevation	Bearing	Distance		
124	calc pt		619491.18001801620268.3243240	
calc pt				
107	S24°56'52"E 27.57 ft		619466.17850351620279.9550369	
106	S34°03'59"E 24.88 ft		619445.56636761620293.8929347	
105	S43°40'24"E 23.81 ft		619428.34775261620310.3320742	
104	S58°36'16"E 32.80 ft		619411.26144381620338.3288478	
103	S67°03'12"E 33.43 ft		619398.22841371620369.1122397	
102	S73°39'56"E 30.83 ft		619389.55724321620398.6994427	
101	S80°06'33"E 60.60 ft		619379.14746601620458.4012949	
100	S87°01'44"E 60.21 ft		619376.02674811620518.5259508	
99	S86°37'24"E 146.54 ft		619367.39541911620664.8117336	
98	S83°54'31"E 110.22 ft		619355.69915071620774.4139260	
96	S78°26'19"E 94.16 ft		619336.82788521620866.6622465	
48		Arc Center	619053.68800571620822.5731460	
	Radius:	286.55 ft		
	Delta:	43°29'15" Right		
	Arc Length:	217.49 ft		
	Chord Bearing:	S59°24'20"E		
	Chord Length:	212.31 ft		

	Middle Ordinate:	20.39 ft
	External:	21.95 ft
	Deg of Curvature:	19°59'42" Arc Definition
	Tangent:	114.29 ft
95		619228.77106641621049.4166206
S39°29'01"E	114.90 ft	
94		619140.08797241621122.4786643
S41°41'24"E	163.06 ft	
93		619018.32354181621230.9288156
S45°29'51"E	14.86 ft	
122		619007.91047121621241.5242873
S45°29'51"E	65.69 ft	
92		618961.86468361621288.3766386
S49°00'19"E	33.98 ft	
91		618939.57552041621314.0221964
S57°40'55"E	18.48 ft	
90		618929.69361901621329.6429717
S65°50'34"E	34.65 ft	
89		618915.51309781621361.2593669
S67°39'18"E	68.34 ft	
88		618889.53190831621424.4666986
S62°44'09"E	32.75 ft	
87		618874.53131591621453.5742998
S62°17'16"E	44.25 ft	
123		618853.95154451621492.7528165
N44°54'58"E	38.16 ft	
12		618880.97484461621519.6971488
N38°59'42"E	210.01 ft	
11		619044.19468281621651.8466268
N38°14'26"E	308.16 ft	
10		619286.22922201621842.5869409
N42°05'46"E	78.51 ft	
9		619344.48527061621895.2182329
N48°47'51"E	78.95 ft	
8		619396.49134231621954.6191673
N52°00'08"E	32.48 ft	
7		619416.48701151621980.2145500
N33°52'20"E	81.74 ft	
6		619484.35119811622025.7697363

N89°46'39"W 784.99 ft
25 calc pt 619487.40137401621240.7852612

calc pt
N89°46'39"W 972.47 ft
124 calc pt 619491.18001801620268.3243240

calc pt

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Total Perimeter = 4038.97 ft
Area = 481691.830 Sq. Ft.
Area = 11.0581 Acres