

Western Pacific Engineering and Survey
Friday, October 15, 2021 1:49:20 PM

Palomino Fields Plat - Div. VIII PROJECT: S:\Data transfer\18146 BG6\18146
MP8.pro

CLOSURE REPORT

Coordinate values shown are computed based on the rounded bearing and
distance,
or chord bearing and chord lengths as indicated herein.
Boundary Name: LOT 1

Point Number	Description	Sta	Northing	Easting
Elevation	Bearing	Distance		
1568		0+00.00	617563.9372431620909.209497	
	S90°00'00"E	430.79 ft		
1584		4+30.79	617563.9372431621339.999497	
	S00°00'00"E	113.00 ft		
1589		5+43.79	617450.9372431621339.999497	
	N90°00'00"W	323.69 ft		
736		8+67.48	617450.9372431621016.309497	
0.00				
	N33°40'50"W	49.72 ft		
1566		9+17.21	617492.3113621620988.736671	
	N47°59'30"W	107.02 ft		
1568		10+24.23	617563.9332861620909.215728	

Closing latitude = -0.00396
Closing departure = 0.00623
Closing bearing = N57°35'00"W
Closing distance = 0.00738
Total traverse length = 1024.22 (1024.23)
Total error of closure = 1/138749
Error of closure in latitude = 1/258825
Error of closure in departure = 1/164361

Area = 41970.6819 Sq. Ft.
Area = 0.964 Acres,

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CLOSURE REPORT

Coordinate values shown are computed based on the rounded bearing and distance,
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 Boundary Name: LOT 2

Point Number Elevation	Description Bearing Distance	Sta	Northing	Easting
1568		1+50.79	617563.9372431620909.209497	
	N47°59'30"W 8.17 ft			
1569		1+58.97	617569.4049231620903.138799	
	N42°00'30"E 132.60 ft			
1570		2+91.57	617667.9330211620991.879849	
	S90°00'00"E 348.12 ft			
1574		6+39.69	617667.9330211621339.999849	
	S00°00'00"W 104.00 ft			
1585		7+43.69	617563.9330211621339.999849	
	N90°00'00"W 430.79 ft			
1568		11+74.48	617563.9330211620909.209849	

Closing latitude = -0.00422
 Closing departure = 0.00035
 Closing bearing = N04°45'39"W
 Closing distance = 0.00424
 Total traverse length = 1023.68 (1023.69)
 Total error of closure = 1/241632
 Error of closure in latitude = 1/242468
 Error of closure in departure = 1/2911273

 Area = 41045.4579 Sq. Ft.
 Area = 0.942 Acres,

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CLOSURE REPORT

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 or chord bearing and chord lengths as indicated herein.
 Boundary Name: LOT 3

Point Number Elevation	Description	Sta	Northing	Easting
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	Bearing	Distance	
1581			0+00.00 617800.9372431621075.443463
	S90°00'00"E	264.56 ft	
1576			2+64.56 617800.9372431621340.003463
	S00°00'00"E	133.00 ft	
1574			3+97.56 617667.9372431621340.003463
	N90°00'00"W	348.12 ft	
1570			7+45.68 617667.9372431620991.883463
	N42°00'30"E	37.43 ft	
1571			7+83.10 617695.7495111621016.933067
	N29°05'16"E	120.37 ft	
1581			9+03.48 617800.9379591621075.450819

Closing latitude = 0.00072
 Closing departure = 0.00736
 Closing bearing = S84°26'39"W
 Closing distance = 0.00739
 Total traverse length = 903.48 (903.48)
 Total error of closure = 1/122237
 Error of closure in latitude = 1/1262609
 Error of closure in departure = 1/122814

Area = 40239.4732 Sq. Ft.
 Area = 0.924 Acres,

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CLOSURE REPORT

Coordinate values shown are computed based on the rounded bearing and distance,
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 Boundary Name: LOT 4

Point Number	Description	Sta	Northing	Easting
1579		0+51.67	617981.9372431621346.046311	
	Center Point:	973	617931.0646291621557.040004	
	Radius:	217.04 ft		
	Delta:	13°33'21" Left		

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      Arc Length:          51.35 ft
      Chord Bearing:      S06°46'41"W
      Chord Length:       51.23 ft
      Middle Ordinate:    1.52 ft
      External:           1.53 ft
      Deg of Curvature:   26°23'57" Arc Definition
      Tangent:            25.80 ft
      Curve PI:           617956.8604671621340.000000
1564                      1+03.02 617931.0653011621339.999959

      S00°00'00"W         130.13 ft
1576                      2+33.15 617800.9353011621339.999959

      N90°00'00"W         264.56 ft
1581                      4+97.70 617800.9353011621075.439959

      N29°03'52"E         207.17 ft
1582                      7+04.87 617982.0171811621176.081707

      S89°58'22"E         169.96 ft
1579                      8+74.83 617981.9364301621346.041688

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Closing latitude          = -0.00081
Closing departure         = -0.00462
Closing bearing           = N80°01'46"E
Closing distance          = 0.00469
Total traverse length     = 823.05 (823.16)
Total error of closure    = 1/175340
Error of closure in latitude = 1/1012700
Error of closure in departure = 1/178028

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Area                      = 38889.5779 Sq. Ft.
Area                      = 0.893 Acres,

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CLOSURE REPORT

Coordinate values shown are computed based on the rounded bearing and distance,
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Boundary Name: LOT 5

Point Number	Description	Sta	Northing	Easting
Elevation	Bearing	Distance		
1590	S38°08'28"E	77.11 ft	1+66.54	618159.7056141621371.998166

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1577                2+43.65 618099.0592101621419.621330
      Center Point:          973 617931.0622841621557.038195
      Radius:                217.04 ft
      Delta:                  37°09'42" Left
      Arc Length:             140.77 ft
      Chord Bearing:          S32°08'13"W
      Chord Length:           138.31 ft
      Middle Ordinate:        11.31 ft
      External:                11.94 ft
      Deg of Curvature:       26°23'57" Arc Definition
      Tangent:                 72.96 ft
      Curve PI:                618052.8648001621363.147793
1579                3+84.42 617981.9411921621346.048059
      N89°58'22"W           169.96 ft
1582                5+54.38 617982.0219431621176.088078
      N32°40'41"W           214.29 ft
1561                7+68.68 618162.3936151621060.389054
      S89°30'21"E           311.63 ft
1590                Calc pt   10+80.31 618159.7058911621372.007464

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Closing latitude           = 0.00028
Closing departure          = 0.00930
Closing bearing            = S88°17'35"W
Closing distance           = 0.00930
Total traverse length      = 911.30 (913.76)
Total error of closure     = 1/97970
Error of closure in latitude = 1/3288802
Error of closure in departure = 1/98013

Area                       = 47027.6286 Sq. Ft.
Area                       = 1.080 Acres,

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                          CLOSURE REPORT
Coordinate values shown are computed based on the rounded bearing and
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Boundary Name: LOT 6

Point Number      Description      Sta      Northing      Easting
Elevation
      Bearing      Distance
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1577		0+00.00	618099.0588791621419.621558
	N38°08'28"W	77.11 ft	
1590	Calc pt	0+77.11	618159.7052841621371.998394
	S89°30'21"E	267.79 ft	
1583		3+44.90	618157.3956681621639.778434
	S02°15'32"E	10.01 ft	
1572		3+54.91	618147.3934461621640.172976
	N89°30'21"W	81.27 ft	
1565		4+36.18	618148.0943781621558.905999
	Center Point:	973	617931.0624501621557.034088
	Radius:	217.04	ft
	Delta:	39°46'35"	Left
	Arc Length:	150.67	ft
	Chord Bearing:	S70°36'21"W	
	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
	Curve PI:		618148.7703161621480.395407
1577		5+86.85	618099.0583251621419.615316

Closing latitude = -0.00055
Closing departure = -0.00624
Closing bearing = N84°55'13"E
Closing distance = 0.00627
Total traverse length = 583.85 (586.85)
Total error of closure = 1/93172
Error of closure in latitude = 1/1052312
Error of closure in departure = 1/93539

Area = 5854.4143 Sq. Ft.
Area = 0.134 Acres,