

Western Pacific Engineering and Survey
Monday, August 9, 2021 11:19:18 AM

Palomino Fields Plat - Div. ~~IV~~ PROJECT: S:\Data transfer\18146 BG6\18146
MP7.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		
1498		1+13.00	617450.9372431621340.000000	
	S00°00'00"W	74.22 ft		
1499		1+87.22	617376.7172431621340.000000	
	Center Point:	381	617376.7172431621315.000000	
	Radius:	25.00	ft	
	Delta:	85°00'00"	Right	
	Arc Length:	37.09	ft	
	Chord Bearing:	S42°30'00"W		
	Chord Length:	33.78	ft	
	Middle Ordinate:	6.57	ft	
	External:	8.91	ft	
	Deg of Curvature:	229°10'59"	Arc Definition	
	Tangent:	22.91	ft	
	Curve PI:		617353.8106721621340.000000	
1504		2+24.31	617351.8120151621317.178563	
	S85°00'00"W	107.47 ft		
1505		3+31.78	617342.4453871621210.117519	
	Center Point:	918	617013.7011371621238.878914	
	Radius:	330.00	ft	
	Delta:	18°41'16"	Left	
	Arc Length:	107.63	ft	
	Chord Bearing:	S75°39'22"W		
	Chord Length:	107.16	ft	
	Middle Ordinate:	4.38	ft	
	External:	4.44	ft	
	Deg of Curvature:	17°21'44"	Arc Definition	
	Tangent:	54.30	ft	
	Curve PI:		617337.7147011621156.022209	
1506		4+39.41	617315.8974391621106.298098	
	N33°40'50"W	162.28 ft		
1497		6+01.69	617450.9375031621016.303768	
	S90°00'00"E	323.69 ft		
1498		9+25.38	617450.9375031621329.999999	

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Closing latitude           = 0.00026
Closing departure         = -0.00623
Closing bearing           = S87°36'50"E
Closing distance          = 0.00624
Total traverse length     = 808.60 (812.38)
Total error of closure    = 1/129633
Error of closure in latitude = 1/3113602
Error of closure in departure = 1/129746

Area                       = 31648.2284 Sq. Ft.
Area                       = 0.727 Acres,
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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 2

Point Number	Description	Sta	Northing	Easting
Elevation	Bearing	Distance		
1473		7+93.05	617268.6973601621029.405679	
	Center Point:	918	617013.7034051621238.876639	
	Radius:	330.00 ft		
	Delta:	15°42'52" Right		
	Arc Length:	90.51 ft		
	Chord Bearing:	N58°27'18"E		
	Chord Length:	90.22 ft		
	Middle Ordinate:	3.10 ft		
	External:	3.13 ft		
	Deg of Curvature:	17°21'44" Arc Definition		
	Tangent:	45.54 ft		
	Curve PI:		617297.6042001621064.594824	
1506		8+83.56	617315.8975831621106.293828	
	N33°40'50"W	212.00 ft		
1474		10+95.56	617492.3117651620988.726672	
	N47°59'30"W	115.20 ft		
1513	Calc Pt	12+10.76	617569.4080621620903.127600	
	S42°00'30"W	137.71 ft		
1431		13+48.47	617467.0829911620810.966741	
	S47°45'11"E	295.07 ft		
1473		16+43.54	617268.6993661621029.393484	

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Closing latitude           = 0.00201
Closing departure         = -0.01220
Closing bearing           = S80°39'35"E
Closing distance          = 0.01236
Total traverse length     = 850.20 (850.49)
Total error of closure    = 1/68790
Error of closure in latitude = 1/423854
Error of closure in departure = 1/69714

Area                       = 37690.0112 Sq. Ft.
Area                       = 0.865 Acres,

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                                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 3

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Point Number	Description	Sta	Northing	Easting
Elevation	Bearing	Distance		
1471		0+00.00	617189.8398421620959.352839	
	N55°00'00"W	298.02 ft		
1434		2+98.02	617360.7770911620715.229147	
	N42°00'30"E	143.07 ft		
1431		4+41.09	617467.0848971620810.977125	
	S47°45'11"E	295.07 ft		
1473		7+36.17	617268.7012711621029.403868	
	Center Point:	918	617013.7073161621238.874828	
	Radius:	330.00 ft		
	Delta:	15°35'52" Left		
	Arc Length:	89.84 ft		
	Chord Bearing:	S42°47'56"W		
	Chord Length:	89.56 ft		
	Middle Ordinate:	3.05 ft		
	External:	3.08 ft		
	Deg of Curvature:	17°21'44" Arc Definition		
	Tangent:	45.20 ft		
	Curve PI:		617240.0073831620994.480529	
1452		8+26.00	617202.9872441620968.554379	
	S35°00'00"W	16.05 ft		
1471		8+42.05	617189.8398541620959.348478	

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Closing latitude           = 0.00001
Closing departure         = -0.00436
Closing bearing           = S89°50'18"E
Closing distance          = 0.00436
Total traverse length     = 841.77 (842.05)
Total error of closure    = 1/193007
Error of closure in latitude = 1/68373939
Error of closure in departure = 1/193008

Area                       = 36440.8451 Sq. Ft.
Area                       = 0.837 Acres,

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                                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 4

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Point Number	Description	Sta	Northing	Easting
Elevation	Bearing	Distance		
1468		0+00.00	617095.6373571620893.391548	
	N55°00'00"W	304.86 ft		
1435		3+04.86	617270.4978691620643.664856	
	N15°59'04"E	16.51 ft		
444		3+21.37	617286.3695351620648.211320	
0.00	N42°00'30"E	100.14 ft		
1434		4+21.51	617360.7783111620715.228882	
	S55°00'00"E	298.02 ft		
1471		7+19.53	617189.8410621620959.352574	
	S35°00'00"W	115.00 ft		
1468		8+34.53	617095.6385771620893.391284	

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Closing latitude           = 0.00122
Closing departure         = -0.00026
Closing bearing           = S12°13'55"E
Closing distance          = 0.00125
Total traverse length     = 834.53 (834.53)
Total error of closure    = 1/668751
Error of closure in latitude = 1/684286
Error of closure in departure = 1/3156411

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Area = 35028.4107 Sq. Ft.
 Area = 0.804 Acres,

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 5

Point Number Elevation	Description Bearing Distance	Sta	Northing	Easting
1466		0+00.00	616996.5199601620823.988799	
	N55°00'00"W 263.16 ft			
1436		2+63.16	617147.4623351620608.420747	
	N15°59'04"E 127.98 ft			
1435		3+91.15	617270.4941791620643.663415	
	S55°00'00"E 304.86 ft			
1468		6+96.01	617095.6336671620893.390107	
	S35°00'00"W 121.00 ft			
1466		8+17.01	616996.5162701620823.987358	

Closing latitude = -0.00369
 Closing departure = -0.00144
 Closing bearing = N21°19'54"E
 Closing distance = 0.00396
 Total traverse length = 817.00 (817.01)
 Total error of closure = 1/206232
 Error of closure in latitude = 1/221400
 Error of closure in departure = 1/566941

Area = 34365.4116 Sq. Ft.
 Area = 0.789 Acres,

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 6

Point Number Elevation	Description Bearing Distance	Sta	Northing	Easting
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1464                                0+00.00  616885.9344341620746.555980
      N55°00'00"W      245.30 ft
1437                                2+45.30  617026.6327341620545.617983
      N39°23'29"E      68.21 ft
0.00 432                                3+13.51  617079.3473971620588.905030
      N15°59'04"E      70.86 ft
1436                                3+84.37  617147.4677011620608.418199
      S55°00'00"E      263.16 ft
1466                                6+47.53  616996.5253261620823.986251
      S35°00'00"W      135.00 ft
1464                                7+82.53  616885.9398001620746.553432

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Closing latitude           = 0.00537
Closing departure         = -0.00255
Closing bearing           = S25°23'52"E
Closing distance          = 0.00594
Total traverse length     = 782.53 (782.53)
Total error of closure    = 1/131730
Error of closure in latitude = 1/145824
Error of closure in departure = 1/307136

Area                       = 33361.0351 Sq. Ft.
Area                       = 0.766 Acres,

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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 7

Point Number	Description	Sta	Northing	Easting
Elevation	Bearing	Distance		
1463		0+00.00	616776.1680601620669.696737	
	N55°00'00"W	251.83 ft		
1438		2+51.83	616920.6118141620463.409678	
	N27°21'48"E	17.98 ft		
790		2+69.81	616936.5800271620471.673853	
	N39°23'29"E	116.52 ft		
1437		3+86.33	617026.6300571620545.619119	

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          Delta:          0°22'24" Left
          Arc Length:     1.50 ft
          Chord Bearing:  S34°48'48"W
          Chord Length:   1.50 ft
          Middle Ordinate: 0.00 ft
          External:       0.00 ft
          Deg of Curvature: 24°54'40" Arc Definition
          Tangent:        0.75 ft
          Curve PI:       616684.5782061620605.564830
1462                8+32.38 616683.9616361620605.139013

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Closing latitude          = -0.00019
Closing departure         = -0.00018
Closing bearing           = N43°37'46"E
Closing distance          = 0.00026
Total traverse length     = 832.38 (832.38)
Total error of closure    = 1/3243739
Error of closure in latitude = 1/4481438
Error of closure in departure = 1/4701123

Area                     = 36381.9985 Sq. Ft.
Area                     = 0.835 Acres,

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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 9

Point Number	Description	Sta	Northing	Easting
Elevation	Bearing	Distance		
1462		0+00.00	616683.9618221620605.139190	
	N70°00'00"W	278.12 ft		
1439		2+78.12	616779.0844641620343.791878	
	S53°23'02"W	4.96 ft		
773		2+83.08	616776.1260691620339.810735	
	S26°11'12"W	90.16 ft		
767		3+73.24	616695.2199941620300.023394	
	S10°20'12"W	80.69 ft		
1440		4+53.93	616615.8395591620285.545040	
	S87°00'00"E	284.24 ft		
1461		7+38.17	616600.9635871620569.395499	
	Center Point:	927	616553.2649731620794.395149	

Radius: 230.00 ft
 Delta: 22°39'27" Right
 Arc Length: 90.95 ft
 Chord Bearing: N23°17'53"E
 Chord Length: 90.36 ft
 Middle Ordinate: 4.48 ft
 External: 4.57 ft
 Deg of Curvature: 24°54'40" Arc Definition
 Tangent: 46.08 ft
 Curve PI: 616646.0450011620578.955944
 1462 8+29.12 616683.9556151620605.134175

 Closing latitude = -0.00621
 Closing departure = -0.00502
 Closing bearing = N38°56'12"E
 Closing distance = 0.00798
 Total traverse length = 828.53 (829.12)
 Total error of closure = 1/103825
 Error of closure in latitude = 1/133478
 Error of closure in departure = 1/165205

 Area = 37107.9386 Sq. Ft.
 Area = 0.852 Acres,

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 10

Point Number	Description	Sta	Northing	Easting
Elevation	Bearing	Distance		
1489		0+00.00	616610.2398821620392.483348	
	N87°00'00"W	107.08 ft		
1440		1+07.08	616615.8440171620285.550098	
	S10°20'12"W	55.47 ft		
764		1+62.56	616561.2742721620275.597015	
	S26°41'48"E	115.75 ft		
1441		2+78.31	616457.8635081620327.599673	
	N77°00'00"E	93.36 ft		
1491		3+71.67	616478.8649381620418.566862	
	N77°00'00"E	153.26 ft		
1460		5+24.93	616513.3409371620567.898818	

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Center Point:          927 616553.2756251620794.405376
  Radius:             230.00 ft
  Delta:              21°58'05" Right
  Arc Length:         88.19 ft
  Chord Bearing:      N00°59'07"E
  Chord Length:       87.65 ft
  Middle Ordinate:    4.21 ft
  External:           4.29 ft
  Deg of Curvature:   24°54'40" Arc Definition
  Tangent:            44.64 ft
  Curve PI:           616557.2974341620560.141876
1461                  6+13.11 616600.9779781620569.406003

  N87°00'00"W        177.16 ft
1489                  7+90.27 616610.2498161620392.488795

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Closing latitude      = 0.00993
Closing departure     = 0.00545
Closing bearing       = S28°44'08"W
Closing distance      = 0.01133
Total traverse length = 789.73 (790.27)
Total error of closure = 1/69711
Error of closure in latitude = 1/79502
Error of closure in departure = 1/145000

Area                  = 34283.9645 Sq. Ft.
Area                  = 0.787 Acres,

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                          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 11

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Point Number	Description	Sta	Northing	Easting
Elevation	Bearing	Distance		
1460		14+32.50	616513.3343041620567.892929	
Center Point:		927	616553.2689931620794.399487	
Radius:		230.00	ft	
Delta:		22°10'06"	Left	
Arc Length:		88.99	ft	
Chord Bearing:		S21°04'59"E		
Chord Length:		88.44	ft	
Middle Ordinate:		4.29	ft	
External:		4.37	ft	
Deg of Curvature:		24°54'40"	Arc Definition	
Tangent:		45.06	ft	

	Curve PI:		616468.9604571620575.716395
1459		15+21.49	616430.8144821620599.706644
	S58°22'46"W	251.84 ft	
1493		17+73.33	616298.7769261620385.255089
	N51°45'11"W	117.12 ft	
733		18+90.45	616371.2803041620293.274904
1580.11			
	N25°19'03"E	49.93 ft	
738		19+40.38	616416.4146261620314.626668
	N78°09'30"E	10.33 ft	
749		19+50.71	616418.5344231620324.736830
	N19°19'02"E	28.09 ft	
750		19+78.80	616445.0430001620334.028947
	N26°41'48"W	14.33 ft	
1441		19+93.13	616457.8453871620327.590951
	N77°00'00"E	93.36 ft	
1491		20+86.49	616478.8468171620418.558140
	N77°00'00"E	153.26 ft	
1460		22+39.75	616513.3228161620567.890096
	S77°00'00"W	153.26 ft	
1491		23+93.01	616478.8468171620418.558140
	N77°00'00"E	153.26 ft	
1460		25+46.27	616513.3228161620567.890096

Closing latitude	=	-0.01149
Closing departure	=	-0.00283
Closing bearing	=	N13°51'06"E
Closing distance	=	0.01183
Total traverse length	=	1113.22 (1113.76)
Total error of closure	=	1/94077
Error of closure in latitude	=	1/96895
Error of closure in departure	=	1/392958
Area	=	36141.1792 Sq. Ft.
Area	=	0.830 Acres,

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 12

Point Number	Description	Sta	Northing	Easting
Elevation	Bearing	Distance		
1459		15+21.49	616430.8187851620599	705096
	Center Point:	927	616553.2689681620794	399607
	Radius:	230.00	ft	
	Delta:	19°35'09"	Left	
	Arc Length:	78.62	ft	
	Chord Bearing:	S41°57'37"E		
	Chord Length:	78.24	ft	
	Middle Ordinate:	3.35	ft	
	External:	3.40	ft	
	Deg of Curvature:	24°54'40"	Arc Definition	
	Tangent:	39.70	ft	
	Curve PI:		616397.2141501620620	840287
1450		16+00.11	616372.6388521620652	017552
	S51°45'11"E	32.15	ft	
1458		16+32.26	616352.7363281620677	266553
	S45°00'00"W	224.56	ft	
1457		18+56.82	616193.9484301620518	478654
	N51°48'01"W	169.52	ft	
1493		20+26.35	616298.7803751620385	259685
	N58°22'46"E	251.84	ft	
1459		22+78.18	616430.8179311620599	711240

Closing latitude = -0.00085
 Closing departure = 0.00614
 Closing bearing = N82°05'20"W
 Closing distance = 0.00620
 Total traverse length = 756.31 (756.69)
 Total error of closure = 1/121924
 Error of closure in latitude = 1/885830
 Error of closure in departure = 1/123096

 Area = 32003.8052 Sq. Ft.
 Area = 0.735 Acres,

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 13

Point Number Elevation	Description Bearing Distance	Sta	Northing	Easting
1457		0+00.00	616193.9498061620518.479982	
	S51°41'42"E 137.94 ft			
1453		1+37.94	616108.4480401620626.724574	
	N45°00'00"E 224.70 ft			
1456		3+62.64	616267.3349341620785.611467	
	N51°45'11"W 137.96 ft			
1458		5+00.60	616352.7393571620677.264589	
	S45°00'00"W 224.56 ft			
1457		7+25.15	616193.9514581620518.476690	

Closing latitude = 0.00165
 Closing departure = -0.00329
 Closing bearing = S63°20'59"E
 Closing distance = 0.00368
 Total traverse length = 725.16 (725.15)
 Total error of closure = 1/196875
 Error of closure in latitude = 1/438922
 Error of closure in departure = 1/220276

 Area = 30774.0908 Sq. Ft.
 Area = 0.706 Acres,

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 14

Point Number Elevation	Description Bearing Distance	Sta	Northing	Easting
1453		0+00.00	616108.4475211620626.724955	
	S51°45'11"E 212.20 ft			
1428 1581.64		2+12.20	615977.0846721620793.376214	
	N31°45'23"E 30.55 ft			
1502		2+42.76	616003.0611401620809.454946	

0.00	N14°37'12"W	69.24 ft	
1501			3+12.00 616070.0592261620791.978275
0.00	N45°00'00"E	152.04 ft	
1500			4+64.03 616177.5677411620899.486790
0.00	N51°45'11"W	145.01 ft	
1456			6+09.04 616267.3364821620785.603195
	S45°00'00"W	224.70 ft	
1453			8+33.74 616108.4495881620626.716301

Closing latitude = 0.00207
Closing departure = -0.00865
Closing bearing = S76°33'57"E
Closing distance = 0.00890
Total traverse length = 833.74 (833.74)
Total error of closure = 1/93705
Error of closure in latitude = 1/403334
Error of closure in departure = 1/96341

Area = 35546.6627 Sq. Ft.
Area = 0.816 Acres,