

Western Pacific Engineering and Survey  
Wednesday, March 10, 2021 10:21:29 AM

Palomino Fields Plat - Di PROJECT: S:\Data transfer\18146 BG6\18146  
MP6vrev1.pro

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GEOMETRY REPORT

Traverse name: LOT 1 DIV 6

Point Number Elevation	Description Bearing	Vertical Angle Distance	Northing	Easting
PC602			616833.0987481621555	247931
S62°00'00"W PC603	125.00 ft		616774.4148021621444	879481
S28°00'00"E PC601	116.00 ft		616671.9928821621499	338183
N62°00'00"E PC600	125.00 ft		616730.6768271621609	706632
N28°00'00"W PC602	116.00 ft		616833.0987481621555	247931

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Total Perimeter = 482.00 ft  
Area = 14500.0000 Sq. Ft.  
Area = 0.333 Acres,  
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GEOMETRY REPORT

Traverse name: LOT 2 DIV 6

Point Number Elevation	Description Bearing	Vertical Angle Distance	Northing	Easting
PC605			616935.5206691621500	789229
S28°00'00"E PC602	116.00 ft		616833.0987481621555	247931
S62°00'00"W PC603	125.00 ft		616774.4148021621444	879481
N28°00'00"W PC604	116.00 ft		616876.8367231621390	420780
N62°00'00"E PC605	125.00 ft		616935.5206691621500	789229

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 Total Perimeter = 482.00 ft  
 Area = 14500.0000 Sq. Ft.  
 Area = 0.333 Acres

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 GEOMETRY REPORT

Traverse name: LOT 3 DIV 6

Point Number Elevation	Description Bearing	Vertical Angle Distance	Northing	Easting
PC606			617037.9425891621446	330528
S28° 00' 00"E PC605	116.00 ft		616935.5206691621500	789229
S62° 00' 00"W PC604	125.00 ft		616876.8367231621390	420780
N28° 00' 00"W PC607	116.00 ft		616979.2586441621335	962079
N62° 00' 00"E PC606	125.00 ft		617037.9425891621446	330528

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 Total Perimeter = 482.00 ft  
 Area = 14500.0000 Sq. Ft.  
 Area = 0.333 Acres,

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 GEOMETRY REPORT

Traverse name: LOT 4 DIV 6

Point Number Elevation	Description Bearing	Vertical Angle Distance	Northing	Easting
PC609			617140.5722701621392	262567
909	Radius: Delta: Arc Length: Chord Bearing: Chord Length: Middle Ordinate: External:	Arc Center 530.00 ft 2° 20' 30" Left 21.66 ft S26° 49' 45"E 21.66 ft 0.11 ft 0.11 ft	617370.0650691621870	000000

	Deg of Curvature:	10° 48' 38"	Arc Definition
	Tangent:	10.83	ft
431			617121.2451411621402.037776
S28° 00' 00"E	94.35 ft		
PC606			617037.9425891621446.330528
S62° 00' 00"W	125.00 ft		
PC607			616979.2586441621335.962079
N28° 00' 00"W	116.00 ft		
PC610			617081.6805651621281.503378
N62° 00' 00"E	125.44 ft		
PC609			617140.5722701621392.262567

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Total Perimeter = 482.45 ft  
Area = 14503.1937 Sq. Ft.  
Area = 0.333 Acres,

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GEOMETRY REPORT

Traverse name: LOT 5 DIV 6

Point Number	Description	Vertical Angle	Northing	Easting
Elevation	Bearing	Distance		
PC614			617267.2272561621146.002948	
S28° 00' 00"E	212.70 ft			
PC611			617079.4217281621245.860918	
N86° 22' 25"E	35.71 ft			
PC610			617081.6805651621281.503378	
N62° 00' 00"E	125.44 ft			
PC609			617140.5722701621392.262567	
909		Arc Center	617370.0650691621870.000000	
	Radius:	530.00	ft	
	Delta:	15° 26' 32"	Right	
	Arc Length:	142.84	ft	
	Chord Bearing:	N17° 56' 14"W		
	Chord Length:	142.41	ft	
	Middle Ordinate:	4.81	ft	
	External:	4.85	ft	
	Deg of Curvature:	10° 48' 38"	Arc Definition	
	Tangent:	71.86	ft	
26			617276.0627201621348.402877	

1295		Arc Center	617272.5181681621328.719479
	Radius:		20.00 ft
	Delta:		84° 47' 30" Left
	Arc Length:		29.60 ft
	Chord Bearing:	N52° 36' 15"W	
	Chord Length:		26.97 ft
	Middle Ordinate:		5.23 ft
	External:		7.08 ft
	Deg of Curvature:	286° 28' 44"	Arc Definition
	Tangent:		18.26 ft
PC613			617292.4420621621326.976364
S85° 00' 00"W	112.06 ft		
PC637			617282.6754961621215.344007
918		Arc Center	617013.7029271621238.876058
	Radius:		270.00 ft
	Delta:		15° 07' 09" Left
	Arc Length:		71.25 ft
	Chord Bearing:	S77° 26' 25"W	
	Chord Length:		71.04 ft
	Middle Ordinate:		2.35 ft
	External:		2.37 ft
	Deg of Curvature:	21° 13' 14"	Arc Definition
	Tangent:		35.83 ft
PC614			617267.2272561621146.002948

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Total Perimeter = 729.61 ft  
Area = 33657.8388 Sq. Ft.  
Area = 0.773 Acres,

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GEOMETRY REPORT  
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Traverse name: LOT 6 DIV 6

Point Number Elevation	Description Bearing	Vertical Angle	Northing	Easting
	Distance			
PC616			617141.9674121620999.078678	
S55° 00' 02"E	125.00 ft			
PC615			617070.2711761621101.473257	
N86° 22' 25"E	144.68 ft			
PC611			617079.4217281621245.860918	
N28° 00' 00"W	212.70 ft			
PC614			617267.2272561621146.002948	
918		Arc Center	617013.7029271621238.876058	
	Radius:		270.00 ft	
	Delta:		34° 52' 51" Left	
	Arc Length:		164.37 ft	

Chord Bearing: S52°26'25"W  
 Chord Length: 161.85 ft  
 Middle Ordinate: 12.41 ft  
 External: 13.01 ft  
 Deg of Curvature: 21°13'14" Arc Definition  
 Tangent: 84.82 ft  
 PC638 617168.5685661621017.705006  
 S35°00'00"W 32.47 ft  
 PC616 617141.9674121620999.078678

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 Total Perimeter = 679.23 ft  
 Area = 27828.3207 Sq. Ft.  
 Area = 0.639 Acres,  
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 GEOMETRY REPORT  
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Traverse name: LOT 7 DIV 6

Point Number Elevation Bearing	Description Distance	Vertical Angle	Northing	Easting
PC618			617056.4055871620939.167643	
S55°00'00"E PC617	125.00 ft		616984.7085321621041.561648	
N35°00'00"E PC615	104.45 ft		617070.2711761621101.473257	
N55°00'02"W PC616	125.00 ft		617141.9674121620999.078678	
S35°00'00"W PC618	104.45 ft		617056.4055871620939.167643	

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 Total Perimeter = 458.90 ft  
 Area = 13056.5252 Sq. Ft.  
 Area = 0.300 Acres,  
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 GEOMETRY REPORT  
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Traverse name: LOT 8 DIV 6

Point Number Elevation Bearing	Description Distance	Vertical Angle	Northing	Easting
PC620			616970.8429431620879.256034	
S55°00'00"E PC619	125.00 ft		616899.1458881620981.650039	

N35°00'00"E	104.45 ft	
PC617		616984.7085321621041.561648
N55°00'00"W	125.00 ft	
PC618		617056.4055871620939.167643
S35°00'00"W	104.45 ft	
PC620		616970.8429431620879.256034

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 Total Perimeter = 458.91 ft  
 Area = 13056.5877 Sq. Ft.  
 Area = 0.300 Acres,  
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 GEOMETRY REPORT  
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Traverse name: LOT 9 DIV 6

Point Number Elevation	Description Bearing	Vertical Angle Distance	Northing	Easting
PC621			616904.8661451620833	058582
S55°00'00"E	125.00 ft		616833.1690901620935	452588
PC622				
N35°00'00"E	80.54 ft		616899.1458881620981	650039
PC619				
N55°00'00"W	125.00 ft		616970.8429431620879	256034
PC620				
S35°00'00"W	80.54 ft		616904.8661451620833	058582
PC621				

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 Total Perimeter = 411.09 ft  
 Area = 10067.8498 Sq. Ft.  
 Area = 0.231 Acres,  
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 GEOMETRY REPORT  
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Traverse name: LOT 10 DIV 6

Point Number Elevation	Description Bearing	Vertical Angle Distance	Northing	Easting
PC624			616838.8893481620786	861131

S55°00'00"E PC623	125.00 ft	616767.1922931620889.255136
N35°00'00"E PC622	80.54 ft	616833.1690901620935.452588
N55°00'00"W PC621	125.00 ft	616904.8661451620833.058582
S35°00'00"W PC624	80.54 ft	616838.8893481620786.861131

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Total Perimeter = 411.09 ft  
Area = 10067.8498 Sq. Ft.  
Area = 0.231 Acres,  
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GEOMETRY REPORT  
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Traverse name: LOT 11 DIV 6

Point Number Elevation	Description Bearing	Vertical Angle Distance	Northing	Easting
PC625			616769.2614241620738.107134	
S55°00'00"E PC626	125.00 ft		616697.5643691620840.501139	
N35°00'00"E PC623	85.00 ft		616767.1922931620889.255136	
N55°00'00"W PC624	125.00 ft		616838.8893481620786.861131	
S35°00'00"W PC625	85.00 ft		616769.2614241620738.107134	

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Total Perimeter = 420.00 ft  
Area = 10625.0000 Sq. Ft.  
Area = 0.244 Acres,  
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GEOMETRY REPORT  
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Traverse name: LOT 12 DIV 6

Point Number Elevation	Description Bearing	Vertical Angle Distance	Northing	Easting
PC628			616699.6253091620689.347401	

S55°00'15"E	125.00 ft	
PC627		616627.9355121620791.746488
N35°00'00"E	85.00 ft	
PC626		616697.5643691620840.501139
N55°00'00"W	125.00 ft	
PC625		616769.2614241620738.107134
S35°00'00"W	85.01 ft	
PC628		616699.6253091620689.347401

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 Total Perimeter = 420.01 ft  
 Area = 10625.6962 Sq. Ft.  
 Area = 0.244 Acres,

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 GEOMETRY REPORT  
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Traverse name: LOT 13 DIV 6

Point Number	Description	Vertical Angle	Northing	Easting
Elevation	Bearing	Distance		
PC631			616393.1404941620722.930642	
N38°14'49"E	237.14 ft			
PC633			616579.3747881620869.729819	
N63°21'32"W	33.69 ft			
PC632			616594.4808091620839.617654	
N55°03'08"W	58.40 ft			
PC627			616627.9355121620791.746488	
N55°00'15"W	125.00 ft			
PC628			616699.6253091620689.347401	
S35°00'00"W	59.63 ft			
PC629			616650.7772181620655.143599	
927		Arc Center	616553.2692241620794.399446	
	Radius:		170.00 ft	
	Delta:		86°45'11" Left	
	Arc Length:		257.40 ft	
	Chord Bearing:		S08°22'35"E	
	Chord Length:		233.51 ft	
	Middle Ordinate:		46.43 ft	
	External:		63.88 ft	
	Deg of Curvature:		33°42'12" Arc Definition	
	Tangent:		160.63 ft	
PC630			616419.7597331620689.160595	
S51°45'11"E	43.00 ft			



PC631

616393.1404941620722.930642

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Total Perimeter = 814.26 ft  
Area = 42133.9099 Sq. Ft.  
Area = 0.967 Acres,

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GEOMETRY REPORT

Traverse name: LOT 14 DIV 6

Point Number Elevation	Description Bearing	Vertical Angle Distance	Northing	Easting
PC636			616324.1161881620810.497161	
N38° 14' 49"E PC635	250.00 ft		616520.4536751620965.260178	
N51° 45' 11"W PC634	48.86 ft		616550.7015381620926.886738	
N63° 21' 32"W PC633	63.95 ft		616579.3747881620869.729819	
S38° 14' 49"W PC631	237.14 ft		616393.1404941620722.930642	
S51° 45' 11"E PC636	111.50 ft		616324.1161881620810.497161	

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Total Perimeter = 711.44 ft  
Area = 27472.0917 Sq. Ft.  
Area = 0.631 Acres,

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