

Western Pacific Engineering & Survey, Inc.
 1328 Hunter Place
 Moses Lake, WA
 (509)765-1023
 Friday, July 10, 2020 9:39:24 AM

Palomino Fields Plat - Div. III - Pr PROJECT: S:\18146\18146 DIV 3\18146 MP3.pro

 GEOMETRY REPORT

Traverse name: DIV. III, LOT 1

Point Number	Description	Vertical Angle	Northing	Easting	Elevation
	Bearing	Distance			
PC367			616783.1261801621649.773019		
N62°00'00"E	321.93 ft				
PC368			616934.2618361621934.017849		
717		Arc Center	616768.0028331621449.216074		
	Radius:	512.52 ft			
	Delta:	2°40'48" Right			
	Arc Length:	23.97 ft			
	Chord Bearing:	S17°35'20"E			
	Chord Length:	23.97 ft			
	Middle Ordinate:	0.14 ft			
	External:	0.14 ft			
	Deg of Curvature:	11°10'45" Arc Definition			
	Tangent:	11.99 ft			
877			616911.4112781621941.261636		
874		Arc Center	617060.5507881622452.970927		
	Radius:	533.00 ft			
	Delta:	9°03'14" Left			
	Arc Length:	84.22 ft			
	Chord Bearing:	S20°46'33"E			
	Chord Length:	84.14 ft			
	Middle Ordinate:	1.66 ft			
	External:	1.67 ft			
	Deg of Curvature:	10°44'59" Arc Definition			
	Tangent:	42.20 ft			
PC265	Set Iron Pin		616832.7456851621971.105972		
Set Iron Pin					
N89°45'28"W	1.15 ft				
PC365			616832.7505591621969.953704		
S62°00'00"W	306.00 ft				
PC364			616689.0922611621699.771741		
N28°00'00"W	106.50 ft				
PC367			616783.1261801621649.773019		

 Total Perimeter = 843.78 ft
 Area = 33348.4022 Sq. Ft.
 Area = 0.766 Acres,

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 GEOMETRY REPORT

Traverse name: DIV. III, LOT 2

Point Number	Description	Vertical Angle	Northing	Easting	Elevation
	Bearing Distance				
PC369			616879.8089411621598	365883	
N62°00'00"E	328.14 ft				
216			617033.8631261621888	099667	
S28°24'43"E	25.01 ft				
878			617011.8623061621900	001361	
717		Arc Center	616768.0028331621449	216074	
	Radius:		512.52 ft		
	Delta:		9°28'58" Right		
	Arc Length:		84.83 ft		
	Chord Bearing:		S23°40'14"E		
	Chord Length:		84.73 ft		
	Middle Ordinate:		1.75 ft		
	External:		1.76 ft		
	Deg of Curvature:		11°10'45" Arc Definition		
	Tangent:		42.51 ft		
PC368			616934.2618361621934	017849	
S62°00'00"W	321.93 ft				
PC367			616783.1261801621649	773019	
N28°00'00"W	109.50 ft				
PC369			616879.8089411621598	365883	

 Total Perimeter = 869.41 ft
 Area = 35778.0843 Sq. Ft.
 Area = 0.821 Acres,

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 GEOMETRY REPORT

Traverse name: DIV. III, LOT 3

Point Number	Description	Vertical Angle	Northing	Easting	Elevation
Bearing	Distance				
PC371			616976.0502291621547.193483		
N62°00'00"E	327.36 ft				
PC372			617129.7365491621836.235413		
S28°24'43"E	109.00 ft				
216			617033.8631261621888.099667		
S62°00'00"W	328.14 ft				
PC369			616879.8089411621598.365883		
N28°00'00"W	109.00 ft				
PC371			616976.0502291621547.193483		

 Total Perimeter = 873.51 ft
 Area = 35724.9701 Sq. Ft.
 Area = 0.820 Acres,

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 GEOMETRY REPORT

Traverse name: DIV. III, LOT 4

Point Number	Description	Vertical Angle	Northing	Easting	Elevation
	Bearing	Distance			
PC373			617072.2915161621496.021083		
N62°00'00"E	326.58 ft				
PC374			617225.6099721621784.371160		
S28°24'43"E	109.00 ft				
PC372			617129.7365491621836.235413		
S62°00'00"W	327.36 ft				
PC371			616976.0502291621547.193483		
N28°00'00"W	109.00 ft				
PC373			617072.2915161621496.021083		

 Total Perimeter = 871.94 ft
 Area = 35639.5608 Sq. Ft.
 Area = 0.818 Acres,

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 GEOMETRY REPORT

Traverse name: DIV. III, LOT 5

Point Number	Description	Vertical Angle	Northing	Easting	Elevation
	Bearing	Distance			
PC374			617225.6099721621784.371160		
S62°00'00"W	326.58 ft				
PC373			617072.2915161621496.021083		
N28°00'00"W	87.35 ft				
PC375			617149.4134341621455.014631		
972		Arc Center	617370.0650691621870.000000		
	Radius:	470.00 ft			
	Delta:	2°38'26" Right			
	Arc Length:	21.66 ft			
	Chord Bearing:	N26°40'47"W			
	Chord Length:	21.66 ft			
	Middle Ordinate:	0.12 ft			
	External:	0.12 ft			
	Deg of Curvature:	12°11'26" Arc Definition			
	Tangent:	10.83 ft			
PC376			617168.7671131621445.289354		
N62°00'00"E	322.34 ft				
1119			617320.0956791621729.896992		
S32°36'26"E	4.99 ft				
880			617315.8956311621732.583775		
713		Arc Center	616794.8023501620917.997504		
	Radius:	967.00 ft			
	Delta:	4°11'43" Right			
	Arc Length:	70.81 ft			
	Chord Bearing:	S30°30'34"E			
	Chord Length:	70.79 ft			
	Middle Ordinate:	0.65 ft			
	External:	0.65 ft			
	Deg of Curvature:	5°55'30" Arc Definition			
	Tangent:	35.42 ft			
879			617254.9072791621768.522315		
S28°24'43"E	33.31 ft				
PC374			617225.6099721621784.371160		

 Total Perimeter = 867.02 ft
 Area = 35475.7232 Sq. Ft.
 Area = 0.814 Acres,

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 GEOMETRY REPORT

Traverse name: DIV. III, LOT 6

Point Number	Description Bearing Distance	Vertical Angle	Northing	Easting	Elevation
PC379			617355.0650691621400.239423		
	N90°00'00"E 1053	307.29 ft	617355.0650701621707.526967		
	S32°36'26"E 1119	41.51 ft	617320.0956791621729.896992		
	S62°00'00"W PC376	322.34 ft	617168.7671131621445.289354		
972		Arc Center	617370.0650691621870.000000		
	Radius:	470.00 ft			
	Delta:	23°31'49" Right			
	Arc Length:	193.02 ft			
	Chord Bearing:	N13°35'39"W			
	Chord Length:	191.67 ft			
	Middle Ordinate:	9.87 ft			
	External:	10.09 ft			
	Deg of Curvature:	12°11'26" Arc Definition			
	Tangent:	97.89 ft			
PC379			617355.0650691621400.239423		

 Total Perimeter = 864.16 ft
 Area = 36556.7742 Sq. Ft.
 Area = 0.839 Acres,

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 GEOMETRY REPORT

Traverse name: DIV. III, LOT 7

Point Number	Description	Vertical Angle	Northing	Easting	Elevation
	Bearing Distance				
661			617475.0650691621400.000000		
S90°00'00"E	230.85 ft				
104			617475.0650691621630.854659		
716		Arc Center	617595.5180901621830.304075		
	Radius:	233.00 ft			
	Delta:	1°28'42" Left			
	Arc Length:	6.01 ft			
	Chord Bearing:	S31°52'05"E			
	Chord Length:	6.01 ft			
	Middle Ordinate:	0.02 ft			
	External:	0.02 ft			
	Deg of Curvature:	24°35'26" Arc Definition			
	Tangent:	3.01 ft			
881			617469.9599601621634.028361		
S32°36'26"E	136.39 ft				
1053			617355.0650701621707.526967		
S90°00'00"W	307.29 ft				
PC379			617355.0650691621400.239423		
972		Arc Center	617370.0650691621870.000000		
	Radius:	470.00 ft			
	Delta:	1°49'44" Right			
	Arc Length:	15.00 ft			
	Chord Bearing:	N00°54'52"W			
	Chord Length:	15.00 ft			
	Middle Ordinate:	0.06 ft			
	External:	0.06 ft			
	Deg of Curvature:	12°11'26" Arc Definition			
	Tangent:	7.50 ft			
1050			617370.0650691621400.000000		
N00°00'00"E	105.00 ft				
661			617475.0650691621400.000000		

 Total Perimeter = 800.55 ft
 Area = 32296.3347 Sq. Ft.
 Area = 0.741 Acres,

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 GEOMETRY REPORT

Traverse name: DIV. III, LOT 8

Point Number	Description	Vertical Angle	Northing	Easting	Elevation
Bearing	Distance				
655			617620.0650691621400	0.000000	
S90°00'00"E	195.92 ft				
207			617620.0650691621595	916827	
S02°39'10"E	35.37 ft				
715			617584.7343891621597	553755	
716		Arc Center	617595.5180901621830	304075	
	Radius:	233.00 ft			
	Delta:	28°28'34" Left			
	Arc Length:	115.80 ft			
	Chord Bearing:	S16°53'27"E			
	Chord Length:	114.61 ft			
	Middle Ordinate:	7.16 ft			
	External:	7.38 ft			
	Deg of Curvature:	24°35'26" Arc Definition			
	Tangent:	59.12 ft			
104			617475.0650691621630	854659	
N90°00'00"W	230.85 ft				
661			617475.0650691621400	0.000000	
N00°00'00"W	145.00 ft				
655			617620.0650691621400	0.000000	

 Total Perimeter = 722.94 ft
 Area = 29893.8352 Sq. Ft.
 Area = 0.686 Acres,

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 GEOMETRY REPORT

Traverse name: DIV. III, LOT 9

Point Number	Description	Vertical Angle	Northing	Easting	Elevation
Bearing	Distance				
656			617774.0650691621400.000000		
S90°00'00"E	188.86 ft				
209			617774.0650691621588.858913		
S02°11'50"E	9.69 ft				
700			617764.3784291621589.230554		
S02°39'10"E	144.47 ft				
207			617620.0650691621595.916827		
N90°00'00"W	195.92 ft				
655			617620.0650691621400.000000		
N00°00'00"E	154.00 ft				
656			617774.0650691621400.000000		

 Total Perimeter = 692.94 ft
 Area = 29622.1646 Sq. Ft.
 Area = 0.680 Acres,

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 GEOMETRY REPORT

Traverse name: DIV. III, LOT 10

Point Number	Description	Vertical Angle	Northing	Easting	Elevation
Bearing	Distance				
29			617931.0650691621400.000000		
N90°00'00"E	182.84 ft				
208			617931.0650701621582.835396		
S02°11'50"E	157.12 ft				
209			617774.0650691621588.858913		
N90°00'00"W	188.86 ft				
656			617774.0650691621400.000000		
N00°00'00"W	157.00 ft				
29			617931.0650691621400.000000		

 Total Perimeter = 685.81 ft
 Area = 29178.0033 Sq. Ft.
 Area = 0.670 Acres,

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 GEOMETRY REPORT

Traverse name: DIV. III, LOT 11

Point Number	Description	Vertical Angle	Northing	Easting	Elevation
	Bearing Distance				
100			618087.9364531621576	816813	
S02°11'50"E 208	156.99 ft		617931.0650701621582	835396	
S90°00'00"W 29	182.84 ft		617931.0650691621400	000000	
973		Arc Center	617931.0650691621557	036151	
	Radius:	157.04 ft			
	Delta:	90°29'39" Right			
	Arc Length:	248.03 ft			
	Chord Bearing:	N45°14'49"E			
	Chord Length:	223.04 ft			
	Middle Ordinate:	46.47 ft			
	External:	66.01 ft			
	Deg of Curvature:	36°29'09" Arc Definition			
	Tangent:	158.40 ft			
28			618088.0953791621558	390535	
S89°30'21"E 100	18.43 ft		618087.9364531621576	816813	

 Total Perimeter = 606.28 ft
 Area = 22944.9719 Sq. Ft.
 Area = 0.527 Acres,
