

Lot Closure Calculations for City of Puyallup Short Plat Amendment



BOUNDARY

Course: N1°31'56"E	Length: 638.13'
Course: S88°33'38"E	Length: 342.57'
Course: S1°32'48"W	Length: 638.87'
Course: N88°26'14"W	Length: 342.41'
Perimeter: 1,961.98'	Area: 218,679.676Sq.Ft.
Error Closure: 0.0030	Course: S30°19'59"W
Error North : -0.00262	East: -0.00153
Precision 1: 653,993.33	

LOT 1

Course: S1°32'22"W	Length: 122.52'
Course: N88°26'14"W	Length: 171.20'
Course: N1°31'56"E	Length: 82.07'
Course: S70°37'29"E	Length: 15.05'
Course: S71°13'24"E	Length: 25.22'
Course: S88°26'14"E	Length: 52.31'
Length: 17.59'	Radius: 60.00'
Delta: 16°48'05"	Tangent: 8.86'
Chord: 17.53'	Course: N58°16'32"E
Course In: N23°19'26"W	Course Out: S40°07'31"E
Course: N49°52'29"E	Length: 19.72'
Length: 30.33'	Radius: 60.00'
Delta: 28°58'02"	Tangent: 15.50'
Chord: 30.01'	Course: N35°23'28"E
Course In: N40°07'31"W	Course Out: S69°05'32"E
Course: N20°54'27"E	Length: 2.96'
Course: N65°18'51"E	Length: 21.03'

Lot 1 continued

Course: S59°44'44"E	Length: 7.61'
Length: 8.64'	Radius: 60.00'
Delta: 8°14'45"	Tangent: 4.33'
Chord: 8.63'	Course: S63°52'07"E
Course In: N30°15'16"E	Course Out: S22°00'30"W
Perimeter: 576.28'	Area: 14,966.263Sq.Ft.
Error Closure: 0.0120	Course: N67°49'46"W
Error North : 0.00452	East: -0.01108
Precision 1: 48,020.83	

LOT 2

Length: 21.94'	Radius: 60.00'
Delta: 20°56'59"	Tangent: 11.09'
Chord: 21.82'	Course: N18°07'35"W
Course In: S82°20'55"W	Course Out: N61°23'54"E
Course: N28°36'05"W	Length: 10.25'
Course: S88°29'56"E	Length: 87.65'
Course: S1°32'48"W	Length: 319.43'
Course: N88°26'14"W	Length: 171.20'
Course: N1°32'22"E	Length: 122.52'
Length: 0.36'	Radius: 60.00'
Delta: 0°20'26"	Tangent: 0.18'
Chord: 0.36'	Course: S68°09'42"E
Course In: N22°00'30"E	Course Out: S21°40'05"W
Course: S68°19'55"E	Length: 10.44'
Course: S46°23'50"E	Length: 21.15'
Length: 12.50'	Radius: 60.00'
Delta: 11°56'28"	Tangent: 6.28'
Chord: 12.48'	Course: S52°22'04"E
Course In: N43°36'10"E	Course Out: S31°39'42"W

Lot 2 continued

Course: S58°20'18"E	Length: 19.65'
Length: 46.86'	Radius: 60.00'
Delta: 44°44'56"	Tangent: 24.70'
Chord: 45.68'	Course: S80°42'46"E
Course In: N31°39'42"E	Course Out: S13°05'14"E
Course: N76°54'46"E	Length: 10.31'
Length: 100.47'	Radius: 60.00'
Delta: 95°56'41"	Tangent: 66.57'
Chord: 89.14'	Course: N28°56'26"E
Course In: N13°05'14"W	Course Out: N70°58'06"E
Course: N19°01'54"W	Length: 17.43'
Length: 47.67'	Radius: 60.00'
Delta: 45°31'13"	Tangent: 25.17'
Chord: 46.43'	Course: N41°47'31"W
Course In: S70°58'06"W	Course Out: N25°26'52"E
Course: N64°33'08"W	Length: 8.40'
Course: N0°11'44"E	Length: 27.98'
Length: 8.22'	Radius: 60.00'
Delta: 7°50'49"	Tangent: 4.12'
Chord: 8.21'	Course: N3°43'41"W
Course In: N89°48'16"W	Course Out: N82°20'55"E
Course: N7°39'05"W	Length: 37.74'
Perimeter: 1,102.17'	Area: 26,986.670Sq.Ft.
Error Closure: 0.0070	Course: N31°54'36"E
Error North : 0.00594	East: 0.00370

Precision 1: 157,452.86

TRACT A

Course: S1°32'48"W	Length: 319.43'
Course: N88°29'56"W	Length: 87.65'

Tract A continued

Course: S28°36'05"E	Length: 10.25'
Length: 21.94'	Radius: 60.00'
Delta: 20°56'59"	Tangent: 11.09'
Chord: 21.82'	Course: S18°07'35"E
Course In: S61°23'55"W	Course Out: N82°20'56"E
Course: S7°39'05"E	Length: 37.74'
Length: 8.22'	Radius: 60.00'
Delta: 7°50'49"	Tangent: 4.12'
Chord: 8.21'	Course: S3°43'41"E
Course In: S82°20'55"W	Course Out: S89°48'16"E
Course: S0°11'44"W	Length: 27.98'
Course: S64°33'08"E	Length: 8.40'
Length: 47.67'	Radius: 60.00'
Delta: 45°31'13"	Tangent: 25.17'
Chord: 46.43'	Course: S41°47'31"E
Course In: S25°26'52"W	Course Out: N70°58'06"E
Course: S19°01'54"E	Length: 17.43'
Length: 100.47'	Radius: 60.00'
Delta: 95°56'41"	Tangent: 66.57'
Chord: 89.14'	Course: S28°56'26"W
Course In: S70°58'06"W	Course Out: S13°05'14"E
Course: S76°54'46"W	Length: 10.31'
Length: 46.86'	Radius: 60.00'
Delta: 44°44'56"	Tangent: 24.70'
Chord: 45.68'	Course: N80°42'46"W
Course In: N13°05'14"W	Course Out: S31°39'42"W
Course: N58°20'18"W	Length: 19.65'
Length: 12.50'	Radius: 60.00'
Delta: 11°56'28"	Tangent: 6.28'
Chord: 12.48'	Course: N52°22'04"W
Course In: N31°39'42"E	Course Out: S43°36'10"W

Tract A continued

Course: N46°23'50"W	Length: 21.15'
Course: N68°19'55"W	Length: 10.44'
Length: 8.99'	Radius: 60.00'
Delta: 8°35'11"	Tangent: 4.50'
Chord: 8.98'	Course: N64°02'20"W
Course In: N21°40'05"E	Course Out: S30°15'16"W
Course: N59°44'44"W	Length: 7.61'
Course: S65°18'51"W	Length: 21.03'
Course: S20°54'27"W	Length: 2.96'
Length: 30.33'	Radius: 60.00'
Delta: 28°58'02"	Tangent: 15.50'
Chord: 30.01'	Course: S35°23'28"W
Course In: N69°05'33"W	Course Out: S40°07'31"E
Course: S49°52'29"W	Length: 19.72'
Length: 17.59'	Radius: 60.00'
Delta: 16°48'05"	Tangent: 8.86'
Chord: 17.53'	Course: S58°16'32"W
Course In: N40°07'31"W	Course Out: S23°19'26"E
Course: N88°26'14"W	Length: 52.31'
Course: N71°13'24"W	Length: 25.22'
Course: N70°37'29"W	Length: 15.05'
Course: N1°31'56"E	Length: 556.06'
Course: S88°33'38"E	Length: 342.57'
Perimeter: 1,907.56'	Area: 176,726.742Sq.Ft.
Error Closure: 0.0165	Course: S78°16'05"E
Error North : -0.00335	East: 0.01612
Precision 1: 115,607.88	