

LOT CLOSURE CALCULATIONS
FOR
JENNIFER HSIAO
4100 81ST PL NE, MARYSVILLE
PRELIMINARY SHORT PLAT
2-6-2023

LOT 1

	North: 393019.2519	East : 1312206.9907
Line Course: S 87-59-30 E	Length: 57.04	
	North: 393017.2529	East : 1312263.9957
Line Course: S 00-52-08 W	Length: 100.00	
	North: 392917.2644	East : 1312262.4792
Line Course: N 87-59-30 W	Length: 57.04	
	North: 392919.2634	East : 1312205.4743
Line Course: N 00-52-06 E	Length: 100.00	
	North: 393019.2519	East : 1312206.9897

Perimeter: 314.08 **Area: 5,702 sq. ft. 0.13 acres**

Mapcheck Closure - (Uses listed courses and chords)

Error Closure: 0.0010	Course: N 89-07-53 W
Error North: 0.00001	East : -0.00097

Precision 1: 314,080.00

LOT 2

	North: 392917.2646	East : 1312262.4786
Line Course: N 00-52-08 E	Length: 100.00	
	North: 393017.2531	East : 1312263.9950
Line Course: S 87-59-30 E	Length: 57.04	
	North: 393015.2541	East : 1312321.0000
Line Course: S 00-52-10 W	Length: 100.00	
	North: 392915.2656	East : 1312319.4826
Line Course: N 87-59-30 W	Length: 57.04	
	North: 392917.2646	East : 1312262.4776

Perimeter: 314.08 **Area: 5,702 sq. ft. 0.13 acres**

Mapcheck Closure - (Uses listed courses and chords)

Error Closure: 0.0010	Course: N 89-07-51 W
Error North: 0.00001	East : -0.00097

Precision 1: 314,080.00

LOT 3

North: 392919.2634 East : 1312205.4751
Line Course: S 87-59-30 E Length: 114.08
North: 392915.2655 East : 1312319.4850
Line Course: S 00-52-10 W Length: 110.72
North: 392804.5582 East : 1312317.8049
Curve Length: 31.81 Radius: 20.00
Delta: 91-08-20 Tangent: 20.40
Chord: 28.56 Course: S 46-26-20 W
Course In: N 89-07-50 W Course Out: S 02-00-30 W
RP North: 392804.8617 East : 1312297.8072
End North: 392784.8767 East : 1312297.1092
Line Course: N 87-59-30 W Length: 19.50
North: 392785.5601 East : 1312277.6212
Line Course: N 00-45-19 E Length: 66.26
North: 392851.8143 East : 1312278.4946
Line Course: N 87-59-30 W Length: 74.04
North: 392854.4091 East : 1312204.5001
Line Course: N 00-52-06 E Length: 64.86
North: 392919.2616 East : 1312205.4830

Perimeter: 481.28 **Area: 9,955 sq. ft. 0.23 acres**

Mapcheck Closure - (Uses listed courses and chords)

Error Closure: 0.0081 Course: S 77-26-35 E
Error North: -0.00177 East : 0.00795

Precision 1: 59,014.81

LOT 4

North: 392849.3604 East : 1312348.4855
Line Course: S 87-59-30 E Length: 108.06
North: 392845.5735 East : 1312456.4791
Line Course: S 00-52-12 W Length: 71.26
North: 392774.3217 East : 1312455.3971
Line Course: N 87-59-30 W Length: 67.02
North: 392776.6704 East : 1312388.4183
Line Course: N 00-45-19 E Length: 5.00
North: 392781.6700 East : 1312388.4842
Line Course: N 87-59-30 W Length: 21.42
North: 392782.4206 East : 1312367.0774
Curve Length: 31.02 Radius: 20.00
Delta: 88-51-40 Tangent: 19.61
Chord: 28.00 Course: N 43-33-40 W
Course In: N 02-00-30 E Course Out: N 89-07-50 W
RP North: 392802.4083 East : 1312367.7783
End North: 392802.7105 East : 1312347.7818
Line Course: N 00-52-10 E Length: 46.65
North: 392849.3552 East : 1312348.4897

Perimeter: 350.44 **Area: 7,411 sq. ft. 0.17 acres**

Mapcheck Closure - (Uses listed courses and chords)
Error Closure: 0.0067 Course: S 38-17-54 E
Error North: -0.00526 East : 0.00415
Precision 1: 51,852.24

LOT 5

North: 392845.5736 East : 1312456.4806
Line Course: S 87-59-30 E Length: 108.06
North: 392841.7867 East : 1312564.4743
Line Course: S 00-52-15 W Length: 91.26
North: 392750.5372 East : 1312563.0873
Line Course: N 87-59-30 W Length: 108.06
North: 392754.3242 East : 1312455.0936
Line Course: N 00-52-12 E Length: 91.27
North: 392845.5837 East : 1312456.4795

Perimeter: 398.65 **Area: 9,860 sq. ft. 0.23 acres**

Mapcheck Closure - (Uses listed courses and chords)
Error Closure: 0.0101 Course: N 06-41-27 W
Error North: 0.01002 East : -0.00118
Precision 1: 39,470.30

TRACT

North: 393014.2028 East : 1312350.9868
Line Course: S 00-52-10 W Length: 211.52
North: 392802.7071 East : 1312347.7772
Curve Length: 31.02 Radius: 20.00
Delta: 88-51-40 Tangent: 19.61
Chord: 28.00 Course: S 43-33-40 E
Course In: S 89-07-50 E Course Out: S 02-00-30 W
RP North: 392802.4036 East : 1312367.7749
End North: 392782.4172 East : 1312367.0728
Line Course: S 87-59-30 E Length: 21.42
North: 392781.6666 East : 1312388.4796
Line Course: S 00-45-19 W Length: 5.00
North: 392776.6670 East : 1312388.4137
Line Course: S 87-59-30 E Length: 67.02
North: 392774.3183 East : 1312455.3926
Line Course: S 00-52-12 W Length: 20.00
North: 392754.3206 East : 1312455.0889
Line Course: N 87-59-30 W Length: 177.92
North: 392760.5558 East : 1312277.2782
Line Course: N 00-45-19 E Length: 25.01
North: 392785.5636 East : 1312277.6079
Line Course: S 87-59-30 E Length: 19.50
North: 392784.8802 East : 1312297.0959
Curve Length: 31.81 Radius: 20.00
Delta: 91-08-20 Tangent: 20.40
Chord: 28.56 Course: N 46-26-20 E
Course In: N 02-00-30 E Course Out: S 89-07-50 E
RP North: 392804.8679 East : 1312297.7968
End North: 392804.5617 East : 1312317.7916
Line Course: N 00-52-10 E Length: 210.72
North: 393015.2575 East : 1312320.9891
Line Course: S 87-59-30 E Length: 30.01
North: 393014.2058 East : 1312350.9806

Perimeter: 850.95 **Area: 11,218 sq. ft. 0.26 acres**

Mapcheck Closure - (Uses listed courses and chords)

Error Closure: 0.0069 Course: N 64-20-47 W

Error North: 0.00298 East : -0.00621

Precision 1: 122,417.39

TOTAL

	North: 393019.2519	East : 1312206.9907
Line	Course: S 87-59-30 E	Length: 144.08
	North: 393014.2026	East : 1312350.9822
Line	Course: S 00-52-10 W	Length: 164.86
	North: 392849.3616	East : 1312348.4806
Line	Course: S 87-59-30 E	Length: 216.12
	North: 392841.7877	East : 1312564.4679
Line	Course: S 00-52-15 W	Length: 91.26
	North: 392750.5383	East : 1312563.0809
Line	Course: N 87-59-30 W	Length: 285.98
	North: 392760.5604	East : 1312277.2765
Line	Course: N 00-45-19 E	Length: 91.27
	North: 392851.8225	East : 1312278.4796
Line	Course: N 87-59-30 W	Length: 74.04
	North: 392854.4172	East : 1312204.4851
Line	Course: N 00-52-06 E	Length: 164.86
	North: 393019.2583	East : 1312206.9835

Perimeter: 1232.49 **Area: 49,852 sq. ft. 1.14 acres**

Mapcheck Closure - (Uses listed courses and chords)

Error Closure: 0.0096	Course: N 48-37-56 W
Error North: 0.00635	East : -0.00721

Precision 1: 128,382.29