

LOT CLOSURE CALCULATIONS
FOR
JENNIFER HSIAO
81ST PLACE SHORT PLAT
12-5-2022

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: 111.72
North: 392803.5583 East : 1312317.7897
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: 392803.8618 East : 1312297.7920
End North: 392783.8768 East : 1312297.0940
Line Course: N 87-59-30 W Length: 19.50
North: 392784.5602 East : 1312277.6060
Line Course: N 00-45-19 E Length: 67.26
North: 392851.8144 East : 1312278.4926
Line Course: N 87-59-30 W Length: 74.04
North: 392854.4091 East : 1312204.4981
Line Course: N 00-52-06 E Length: 64.86
North: 392919.2616 East : 1312205.4810

Perimeter: 483.28 **Area: 9,995 sq. ft. 0.23 acres**

Mapcheck Closure - (Uses listed courses and chords)

Error Closure: 0.0062 Course: S 73-41-47 E
Error North: -0.00174 East : 0.00596

Precision 1: 77,422.58

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: 392776.7019 East : 1312387.5188
Line Course: N 00-52-12 E Length: 4.00
North: 392780.7015 East : 1312387.5796
Line Course: N 87-59-30 W Length: 21.42
North: 392781.4213 East : 1312367.0522
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: 392801.4090 East : 1312367.7531
End North: 392801.7112 East : 1312347.7566
Line Course: N 00-52-10 E Length: 47.65
North: 392849.3557 East : 1312348.4797

Perimeter: 350.45 **Area: 7,452 sq. ft. 0.17 acres**

Mapcheck Closure - (Uses listed courses and chords)

Error Closure: 0.0075 Course: S 51-09-49 W
Error North: -0.00470 East : -0.00584

Precision 1: 46,324.00

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

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

TRACT

North: 393015.2543 East : 1312320.9993
Line Course: S 87-59-30 E Length: 30.00
North: 393014.2026 East : 1312350.9909
Line Course: S 00-52-10 W Length: 212.52
North: 392801.7070 East : 1312347.7661
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: 392801.4036 East : 1312367.7638
End North: 392781.4171 East : 1312367.0617
Line Course: S 87-59-30 E Length: 21.42
North: 392780.6665 East : 1312388.4685
Line Course: S 00-45-19 W Length: 4.00
North: 392776.6668 East : 1312388.4158
Line Course: S 87-59-30 E Length: 67.02
North: 392774.3181 East : 1312455.3946
Line Course: S 00-52-12 W Length: 20.01
North: 392754.3204 East : 1312455.0910
Line Course: N 87-59-30 W Length: 177.92
North: 392760.5556 East : 1312277.2803
Line Course: N 00-45-19 E Length: 24.01
North: 392784.5635 East : 1312277.5967
Line Course: S 87-59-30 E Length: 19.50
North: 392783.8801 East : 1312297.0848
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: 392803.8678 East : 1312297.7857
End North: 392803.5616 East : 1312317.7805
Line Course: N 00-52-10 E Length: 211.72
North: 393015.2572 East : 1312320.9931

Perimeter: 850.95 **Area: 11,137 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