

Berkeley Square First Addition

Parcel Closure

Project: J:\CIVIL\10572

COGO Revisions:

Date: Jan. 18, 2010

Client Contact: Laham Development

Parcel name: Final Plat Boundary – p3FPB_1

Line Course: S 00-48-07.4 E Length: 980.013	North: 1695808.714	East: 1686214.656	
Line Course: S 07-43-42.9 W Length: 54.526	North: 1694828.797	East: 1686228.374	
Line Course: S 88-53-46.0 W Length: 222.390	North: 1694774.766	East: 1686221.041	
Line Course: N 06-27-22.4 W Length: 78.972	North: 1694770.481	East: 1685998.692	
Curve Length: 459.613	Radius: 1967.000	North: 1694848.953	East: 1685989.813
Delta: 13-23-16.2	Tangent: 230.857		
Chord: 458.567	Course: S 86-54-16.8 W		
Course In: N 09-47-21.3 W	Course Out: S 03-35-54.9 W		
RP North: 1696787.313	East: 1685655.374		
End North: 1694824.191	East: 1685531.915		
Curve Length: 367.212	Radius: 984.000		
Delta: 21-22-54.4	Tangent: 185.767		
Chord: 365.084	Course: S 82-54-27.7 W		
Course In: S 03-35-54.9 W	Course Out: N 17-46-59.5 W		
RP North: 1693842.131	East: 1685470.153		
End North: 1694779.115	East: 1685169.624		
Curve Length: 75.981	Radius: 90.000		
Delta: 48-22-15.6	Tangent: 40.420		
Chord: 73.745	Course: S 48-01-52.7 W		
Course In: S 17-46-59.5 E	Course Out: N 66-09-15.1 W		
RP North: 1694693.415	East: 1685197.111		
End North: 1694729.800	East: 1685114.794		
Curve Length: 97.580	Radius: 64.500		
Delta: 86-40-51.0	Tangent: 60.868		
Chord: 88.537	Course: N 19-29-40.6 W		
Course In: N 66-09-15.1 W	Course Out: N 27-09-53.9 E		
RP North: 1694755.876	East: 1685055.800		
End North: 1694813.261	East: 1685085.247		
Curve Length: 71.120	Radius: 90.000		
Delta: 45-16-34.7	Tangent: 37.534		
Chord: 69.284	Course: S 85-28-23.4 E		
Course In: N 27-09-53.9 E	Course Out: S 18-06-40.8 E		

RP North: 1694893.334 East: 1685126.337
End North: 1694807.793 East: 1685154.315
Curve Length: 384.972 Radius: 1016.000
Delta: 21-42-35.7 Tangent: 194.822
Chord: 382.673 Course: N 82-44-37.1 E
Course In: S 18-06-40.8 E Course Out: N 03-35-54.9 E
RP North: 1693842.131 East: 1685470.154
End North: 1694856.128 East: 1685533.923
Line Course: N 00-48-07.2 W Length: 383.982

North: 1695240.072 East: 1685528.549

Line Course: S 88-53-46.3 W Length: 479.323

North: 1695230.839 East: 1685049.315

Line Course: S 00-54-24.4 E Length: 70.000

North: 1695160.848 East: 1685050.423

Line Course: S 88-53-46.3 W Length: 75.001

North: 1695159.403 East: 1684975.435

Line Course: N 00-54-24.4 W Length: 625.592

North: 1695784.916 East: 1684965.535

Line Course: N 88-54-30.9 E Length: 1249.347

North: 1695808.714 East: 1686214.655

Perimeter: 5675.623 Area: 1,016,658. sq.ft. 23.33 acres

Mapcheck Closure - (Uses listed courses and chords)

Error Closure: 0.000 Course: S 87-36-05.8 W

Error North: -0.0000 East: -0.0002

Precision 1: 5,657,036,000.000

Parcel name: Reserve "A" p3-RES1

Line Course: N 80-12-38.7 E Length: 79.823

North: 1694848.952 East: 1685989.813

North: 1694862.524 East: 1686068.473

Curve Length: 71.573 Radius: 200.000
Delta: 20-30-14.8 Tangent: 36.173
Chord: 71.192 Course: S 89-32-13.9 E
Course In: S 09-47-21.3 E Course Out: N 10-42-53.5 E
RP North: 1694665.436 East: 1686102.478
End North: 1694861.949 East: 1686139.663
Curve Length: 40.202 Radius: 200.000
Delta: 11-31-00.9 Tangent: 20.169
Chord: 40.134 Course: S 85-02-37.0 E
Course In: N 10-42-53.5 E Course Out: S 00-48-07.4 E
RP North: 1695058.462 East: 1686176.847
End North: 1694858.482 East: 1686179.647

Line Course: N 89-11-52.6 E Length: 48.307

North: 1694859.158 East: 1686227.949

Line Course: S 00-48-07.4 E Length: 30.365

North: 1694828.796 East: 1686228.374

Line Course: S 07-43-42.9 W Length: 54.526

North: 1694774.765 East: 1686221.042

Line Course: S 88-53-46.0 W Length: 222.390

North: 1694770.481 East: 1685998.693

Line Course: N 06-27-22.4 W Length: 78.972

North: 1694848.952 East: 1685989.813

Perimeter: 626.158 Area: 20,195. sq.ft. 0.46 acres

Mapcheck Closure - (Uses listed courses and chords)

Error Closure: 0.001 Course: S 39-53-23.8 E

Error North: -0.0004 East: 0.0003

Precision 1: 625,709.000

Parcel name: Reserve "B" p3-RES2

North: 1694892.655 East: 1686227.480

Curve Length: 12.566

Radius: 8.000

Delta: 90-00-00.1

Tangent: 8.000

Chord: 11.314

Course: S 44-11-52.5 W

Course In: S 89-11-52.4 W Course Out: S 00-48-07.5 E

RP North: 1694892.543 East: 1686219.481

End North: 1694884.543 East: 1686219.593

Line Course: S 89-11-52.6 W Length: 40.307

North: 1694883.979 East: 1686179.290

Curve Length: 46.504

Radius: 174.500

Delta: 15-16-09.7

Tangent: 23.391

Chord: 46.367

Course: N 83-10-02.5 W

Course In: N 00-48-07.4 W Course Out: S 14-28-02.3 W

RP North: 1695058.462 East: 1686176.847

End North: 1694889.495 East: 1686133.252

Curve Length: 5.231

Radius: 2.000

Delta: 149-51-40.2

Tangent: 7.428

Chord: 3.862

Course: N 00-36-07.6 W

Course In: N 14-28-02.3 E Course Out: N 15-40-17.5 W

RP North: 1694891.432 East: 1686133.752

End North: 1694893.357 East: 1686133.211

Curve Length: 46.325

Radius: 178.500

Delta: 14-52-10.1

Tangent: 23.293

Chord: 46.195

Course: N 81-45-47.5 E

Course In: S 15-40-17.5 E Course Out: N 00-48-07.4 W

RP North: 1694721.493 East: 1686181.428

End North: 1694899.975 East: 1686178.930
Line Course: N 89-11-52.6 E Length: 40.443

North: 1694900.541 East: 1686219.369

Curve Length: 12.566 Radius: 8.000
Delta: 89-59-59.8 Tangent: 8.000
Chord: 11.314 Course: S 45-48-07.5 E
Course In: S 00-48-07.4 E Course Out: N 89-11-52.4 E
RP North: 1694892.542 East: 1686219.481
End North: 1694892.654 East: 1686227.480

Perimeter: 203.943 Area: 1,300. sq.ft. 0.02 acres

Mapcheck Closure - (Uses listed courses and chords)

Error Closure: 0.001 Course: S 11-33-49.3 E
Error North: -0.0008 East: 0.0002
Precision 1: 199,802.000

Parcel name: Reserve "C" p3-RES3

Line Course: S 88-54-30.9 W Length: 359.336	North: 1695791.761	East: 1685324.806
Line Course: S 00-54-24.4 E Length: 625.592	North: 1695784.916	East: 1684965.535
Line Course: N 88-53-46.3 E Length: 75.001	North: 1695159.403	East: 1684975.435
Line Course: N 00-54-24.4 W Length: 70.000	North: 1695160.848	East: 1685050.422
Line Course: N 88-53-46.3 E Length: 283.320	North: 1695230.839	East: 1685049.315
Line Course: N 00-48-07.4 W Length: 555.519	North: 1695236.297	East: 1685332.582
	North: 1695791.761	East: 1685324.806

Perimeter: 1968.768 Area: 204,596. sq.ft. 4.69 acres

Mapcheck Closure - (Uses listed courses and chords)

Error Closure: 0.000 Course: N 17-53-57.9 E
Error North: 0.0003 East: 0.0001
Precision 1: 1,968,768,000.000

Parcel name: Berkeley Square Parkway p3-ST1

Line Course: S 89-11-52.6 W Length: 108.307	North: 1694872.747	East: 1686287.765
	North: 1694871.231	East: 1686179.468

Curve Length: 37.639 Radius: 187.250
 Delta: 11-31-00.9 Tangent: 18.883
 Chord: 37.576 Course: N 85-02-37.0 W
 Course In: N 00-48-07.4 W Course Out: S 10-42-53.5 W
 RP North: 1695058.462 East: 1686176.847
 End North: 1694874.477 East: 1686142.033
 Curve Length: 76.136 Radius: 212.750
 Delta: 20-30-14.8 Tangent: 38.479
 Chord: 75.730 Course: N 89-32-13.9 W
 Course In: S 10-42-53.5 W Course Out: N 09-47-21.3 W
 RP North: 1694665.436 East: 1686102.478
 End North: 1694875.089 East: 1686066.305
 Line Course: N 09-47-21.3 W Length: 3.250

North: 1694878.291 East: 1686065.753

Line Course: S 80-12-38.7 W Length: 79.823

North: 1694864.720 East: 1685987.092

Curve Length: 455.874 Radius: 1951.000
 Delta: 13-23-16.2 Tangent: 228.979
 Chord: 454.837 Course: S 86-54-16.8 W
 Course In: N 09-47-21.3 W Course Out: S 03-35-54.9 W
 RP North: 1696787.313 East: 1685655.374
 End North: 1694840.160 East: 1685532.918
 Curve Length: 407.370 Radius: 1000.000
 Delta: 23-20-26.1 Tangent: 206.549
 Chord: 404.559 Course: S 81-55-41.8 W
 Course In: S 03-35-54.9 W Course Out: N 19-44-31.2 W
 RP North: 1693842.131 East: 1685470.153
 End North: 1694783.354 East: 1685132.367
 Line Course: S 70-15-28.8 W Length: 81.350

North: 1694755.876 East: 1685055.799

Parcel name: Block 1, Lot 1 p3-B1L1

Line Course: N 89-11-52.6 E Length: 285.000 North: 1695092.249 East: 1685629.642
 Line Course: N 89-11-52.6 E Length: 285.000 North: 1695096.238 East: 1685914.614
 Line Course: N 00-48-07.4 W Length: 30.024 North: 1695126.259 East: 1685914.194
 Line Course: N 89-11-52.6 E Length: 309.985 North: 1695130.599 East: 1686224.149
 Line Course: S 00-48-07.4 E Length: 208.467 North: 1694922.152 East: 1686227.067
 Line Course: S 89-11-52.6 W Length: 48.443 North: 1694921.474 East: 1686178.629
 Curve Length: 75.773 Radius: 200.000
 Delta: 21-42-26.9 Tangent: 38.346

Line Course: S 00-48-07.4 E Length: 8.411	North: 1695329.637	East: 1685909.259
Line Course: S 89-11-52.6 W Length: 75.002	North: 1695321.227	East: 1685909.377
Line Course: N 00-48-07.4 W Length: 21.335	North: 1695320.177	East: 1685834.382
Line Course: S 89-11-52.6 W Length: 207.910	North: 1695341.510	East: 1685834.083
Line Course: S 00-48-07.4 E Length: 246.375	North: 1695338.600	East: 1685626.194
	North: 1695092.249	East: 1685629.642

Perimeter: 1706.254 Area: 132,572. sq.ft. 3.04 acres

Mapcheck Closure - (Uses listed courses and chords)

Error Closure: 0.000 Course: S 00-00-00.0 W
 Error North: -0.0000 East: 0.0000
 Precision 1: 1,706,254,000.000

Parcel name: p3-B1L3

Line Course: N 00-48-07.4 W Length: 246.375	North: 1695092.249	East: 1685629.642
Line Course: N 89-11-52.6 E Length: 207.910	North: 1695338.600	East: 1685626.194
Line Course: S 00-48-07.4 E Length: 21.335	North: 1695341.510	East: 1685834.083
Line Course: N 89-11-52.6 E Length: 75.002	North: 1695320.177	East: 1685834.382
Line Course: N 00-48-07.4 W Length: 8.411	North: 1695321.227	East: 1685909.377
Line Course: N 89-11-52.6 E Length: 37.020	North: 1695329.637	East: 1685909.259
Line Course: N 00-48-07.4 W Length: 3.356	North: 1695330.155	East: 1685946.275
Line Course: N 89-11-52.6 E Length: 275.053	North: 1695333.511	East: 1685946.228
Line Course: N 00-48-07.4 W Length: 200.818	North: 1695337.361	East: 1686221.254
Line Course: S 89-11-52.6 W Length: 694.000	North: 1695538.160	East: 1686218.443
Line Course: S 00-48-07.4 E Length: 288.401	North: 1695528.445	East: 1685524.511
Line Course: S 00-48-07.4 E Length: 149.224	North: 1695240.072	East: 1685528.548

Line Course: N 89-11-52.6 E Length: 99.015

North: 1695090.863 East: 1685530.637

North: 1695092.249 East: 1685629.642

Perimeter: 2305.920 Area: 161,832. sq.ft. 3.71 acres

Mapcheck Closure - (Uses listed courses and chords)

Error Closure: 0.000 Course: N 45-00-00.0 E

Error North: 0.0000 East: 0.0000

Precision 1: 2,305,920,000.000

Parcel name: p3-B1L4

Line Course: S 88-53-46.3 W Length: 196.003

North: 1695240.073 East: 1685528.548

Line Course: N 00-48-07.4 W Length: 555.519

North: 1695236.297 East: 1685332.582

Line Course: N 88-54-30.9 E Length: 890.011

North: 1695791.761 East: 1685324.806

Line Course: S 00-48-07.4 E Length: 270.580

North: 1695808.714 East: 1686214.655

Line Course: S 89-11-52.6 W Length: 694.000

North: 1695538.161 East: 1686218.443

Line Course: S 00-48-07.4 E Length: 288.401

North: 1695528.446 East: 1685524.511

North: 1695240.073 East: 1685528.548

Perimeter: 2894.514 Area: 295,443. sq.ft. 6.78 acres

Mapcheck Closure - (Uses listed courses and chords)

Error Closure: 0.001 Course: N 49-27-27.9 W

Error North: 0.0005 East: -0.0006

Precision 1: 2,894,514.000