

Tallgrass Villas Addition

Boundary Closure Computations

J:\Projects\2013\1301010787_Perfection - Tallgrass\11-Project Management\Development\Documents\Plat\Tallgrass Villas Addition - Closure Comps.doc

Revisions: none

Date: Sept. 3th, 2014

Client Contact: Perfection Signature Properties, LLC

Parcel name: Final Plat Boundary

End North: 1700148.9885' East: 1677705.4960'

Segment #1 : Curve

Length: 161.285' Radius: 123.800'
 Delta: 74°38'39.12" Tangent: 94.386'
 Chord: 150.119' Course: N23°29'17.93"E
 Course In: N29°11'22.59"W Course Out: N76°09'58.46"E
 RP North: 1700257.0672' East: 1677645.1185'
 End North: 1700286.6688' East: 1677765.3277'

Segment #2 : Line

Course: N73°46'10.24"E Length: 135.738'
 North: 1700324.6079' East: 1677895.6559'

Segment #3 : Line

Course: S06°10'09.50"E Length: 135.215'
 North: 1700190.1760' East: 1677910.1870'

Segment #4 : Line

Course: S14°42'12.08"W Length: 92.595'
 North: 1700100.6132' East: 1677886.6850'

Segment #5 : Line

Course: N89°15'20.74"W Length: 155.208'
 North: 1700102.6292' East: 1677731.4901'

Segment #6 : Line

Course: N29°16'44.89"W Length: 53.149'
 North: 1700148.9883' East: 1677705.4968'

Perimeter: 733.191' Area: 31,554 sq. ft. or 0.724

Error Closure: 0.0009 Course: S75°05'11.35"E

Error

North: -0.00023 East: 0.00085

Precision 1: 802248.889