BENCHMARK:
City of Wichita benchmark at the SE corner of intersection of 135th Street West and 13th Street North.
Elev. = 167.83 (City Datum)

Brass Benchmark Disc
Adjacent to Fire Hydrant at E. End of E. Curb Return of Ponderosa & Ponderosa Ct.
Elev. = 170.96 (City Datum)

Scale: 1" = 20'
• = Iron

P.V.I.
Elev. = 174.00
30' V.C.

Sta. 0+00

Sta. 0+49.99

P.V.I.
Elev. = 171.99
No V.C.

Sta. 2+81.41=PC

Sta. 3+46.58=PT

Sta. 3+84.45
= ℄ Aksarben

-0.724%

45°00'00"

45°34'23"

-0.523%

-0.696%

COPPER GATE ESTATES

AKSARBEN CT.

AKSARBEN

Valve Box
Elev. = 173.60

Iron @ ℄ Sta. 0+40.23

Construct Std. Comb. Roll Type Curb & Gutter (J-5/8")

Construct 5" A.C. Pavement W/ 5" Reinf. Rock Base.

Sta. 1+79.59, 14.25' Rt. Install subdivision benchmark (Flat Survey Marker No. 8134-08 3" top diameter) in top of curb. Cost shall be incidental to L.F. Curb & Gutter.

Valve Box
Elev. = 172.50

Valve Box
Elev. = 171.40

Curve #4

Proposed Fire Hydrant

64' R/W

28' F-F

27.25' 10' Util. Esmt

Ex. 8" W

Ex. 8" W @ ℄ Sta. 3+32.23

NOTE: ROLL TYPE CURB & GUTTER TO BE CONSTRUCTED ON THE PAVEMENT SHOWN ON THIS SHEET. TOP OF CURB ELEVATIONS ARE GIVEN FOR FULL HEIGHT CURB.

Curve #4
Curve Data Based on Centerline
Rad. = 100' Delta = 37° 20' 13" Tangent = 33.79'
Arc = 65.17' L.C. = 64.02' Def/Ft. =17.18749 Min.

Station	Arc	FACE CHORD LENGTHS 8" Lt.	8" Rt.	Defl.	T. Defl.
2+81.41	→	→	→	0°00'00"	0°00'00"
3+00.00	18.59'	14.48'	22.65'	5°19'31"	5°19'31"
3+25.00	25.00'	19.45'	30.42'	7°09'41"	12°29'12"
3+46.58	21.58'	16.80'	26.27'	6°10'55"	18°40'07"

Baughman

Copper Gate Estates - Phase III

AKSARBEN CT.

STA. 0+00 TO STA. 3+84.45

Baughman Company, P.A. 315 Ella St. Wichita, KS 67211 P 316-262-7271 F 316-262-0149
ENGINEERING | SURVEYING | PLANNING | LANDSCAPE ARCHITECTURE

PROJECT NUMBER 4728601
DESIGN NBW
DRAWN TMS
REVISIONS
APPROVED
DATE 4/13/05
SCALE Noted
SHEET 11 OF 30

CopperGate\Phase 3\Sht6.dwg
0406-E956