BENCHMARKS:

BM #1: "□" CL face of catch basin, west side of Lot 4, Block 5, Falcon Falls Addition. Elev. = 1352.47 MSL

BM #2: "□" south end of the south curb return at Kite and Peregrine, Falcon Falls Addition. Elev. = 1359.85 MSL

Scale: 1" = 20'
• = Iron

P.V.I. Elev. = 1369.50 No V.C.
P.V.I. Elev. = 1368.60 No V.C.
P.V.I. Elev. = 1364.75 No V.C.
P.V.I. Elev. = 1370.10 No V.C.
P.V.I. Elev. = 1367.10 No V.C.
P.V.I. Elev. = 1366.40 No V.C.

Sta 5+00.00 — Match Point
Sta 6+45.51–PC
Sta 7+02.76
Sta 7+11.65–PT
Sta 7+80.65
Sta 8+59.65
Sta 8+93.65 = ℄ Kite Ct.
Sta 9+27.65
Sta 10+12.00–PC — Match Point
Sta 5+00.00

-0.875%
-1.130%
-1.899%
-1.311%
-0.876%
-1.899%
-1.029%
-1.938%
-1.956%
-2.569%

FALCON FALLS 2ND ADDITION

KITE

KITE CT.

MARBLEFALLS

Match Point

Construct std. type A wheel chair ramp with detectable warning (both sides) (See detail, sheet 5)

Adjust Existing Manhole Top From Elev. = 1369.80 to Elev. = 1369.30.

Construct std. type A wheel chair ramp with detectable warning (both sides) (See detail, sheet 5)

Construct 4' wide sidewalk

Construct std. comb. roll type curb & gutter (3-5/8")

Valve Box Elev. =1369.30

Proposed Fire Hydrant

Construct 5" A.C. pavement W/ 5" reinf. rock base.

Manhole Top Elev. = 1371.80

Valve Box Elev. = 1367.20

Manhole Top Elev. = XXX.XXX

Sta 9+20.00, 34' Lt. Install std. D3 (SNS) ass'y as per City specs. "Kite" & Metro SNS "Kite Ct (_____-_____)".

Sta 7+22.00, 35' Rt. Install std. D3 (SNS) ass'y as per City specs. "Kite" & "Marblefalls".

Curve #1
Curve Data Based on Centerline
Rad. = 84.84' Delta = 44° 39' 45" Tangent = 34.85'
Arc = 66.14' L.C. = 64.47' Def/Ft. =20.25816 Min.

Station	Arc	FACE CHORD LENGTHS 8' Lt.	8' Rt.	Defl.	T. Defl.
6+45.51	–	–	–	0°00'00"	0°00'00"
6+50.00	4.49'	5.81'	3.17'	1°30'57"	1°30'57"
6+75.00	25.00'	32.25'	17.57'	8°26'27"	9°57'25"
7+00.00	25.00'	32.25'	17.57'	8°26'27"	18°23'52"
7+02.76	2.76'	3.57'	1.95'	0°55'55"	19°19'47"
7+11.65	8.89'	11.50'	6.27'	3°00'06"	22°19'52"

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.

Baughman

FALCON FALLS 2ND ADD. - PH. I
KITE
STA 5+00.00 TO STA 10+12.00

Baughman Company, P.A. 315 Ella St. Wichita, KS 67211 P 316.263.2771 F 316.263.2149
ENGINEERING | SURVEYING | PLANNING | LANDSCAPE ARCHITECTURE

PROJECT NUMBER 472-84264
REVISIONS:
DESIGN TJW
DRAWN TMS
APPROVED AEG
DATE 01/06
SCALE Noted
SHEET **7** OF **44**

FalconFalls2nd\Ph1\Str2
05-10E376