BENCHMARKS:

BM #1: C.O.W. disc at SW corner of intersection. 30.00'± S. of CL of 13th St. N. 35.00'± W. of CL of 135th St. W. Elev. = 168.25 City Datum

BM #2: Small RR spike in 4th HLP W. of 135th St. W. on south side of 13th St. N. (N. face of HLP). Elev. = 179.24 City Datum

BM #3: RR spike in Power Pole. 1321.65 W. of 135th St. W. 30' N. of 13th St. N. Elev. = 178.45 City Datum

Scale: 1" = 20'
• = Iron

P.V.I. Elev. = 175.60 No V.C. — Sta. 7+75.00 — −0.509% — −1.486% — P.V.I. Elev. = 173.00 No V.C. — Sta. 9+50.00 — −0.629% — P.V.I. Elev. = 172.80 48' V.C. — Sta. 9+81.79 — +0.735% — P.V.I. Elev. = 174.00 67.92' V.C. — Sta. 11+11.05-PC — Sta. 11+37.09-PT — Sta. 11+54.17 — −1.455% — P.V.I. Elev. = 173.05 No V.C. — −0.520% — Sta. 12+37.09-PT — P.V.I. Elev. = 173.05 No V.C. — −0.538%

Pond Data:
Static WS El = 169.0
100-yr. WS El = 171.8
Bottom Elev = 162.0

COPPER GATE NORTH ADDITION

DECKER

KIWI

RESERVE "B"

Existing Pond

Existing Riprap

Monhole Top Elev. = 173.50

Existing 8" Water Line

Existing 8" San. Sewer

20' Drng. & Util. Esmt.

10' Util. Esmt.

Match Line

Trans. from Roll-Type to Full-Height Curb & Gutter in 5' (This Side)

Sta. 7+75.00 to Sta. 10+34.50 Construct Full Height Curb & Gutter (6-5/8")(This Side)

Construct 4' Wide Concrete Sidewalk (4")

Trans. from Full-Height to Roll-Type Curb & Gutter in 5' (This Side)

Construct Roll-Type Curb & Gutter (3-5/8")

Proposed 4' Walk

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

Sta. 8+17.10, 17.25' 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. = 175.30

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

Adjust inlet top to match proposed grade, both sides. To be bid as "Inlet Adjustment".

Construct Roll-Type Curb & Gutter (3-5/8") (This Side)

Construct std. type 1A inlet hookups & inlet sediment barriers, both sides (See detail, sheet 18)

Iron @ Sta. 11+30.99

Sta. 11+37, 28' Rt. Install std. D3 (SNS) ass'y as per City specs. "Decker" & "Kiwi".

Valve Box Elev. = 174.00 Iron @ Sta. 11+77.35

Valve Box Elevs. = 174.10

Valve Box Elevs. = 173.80

Sta. 11+79.91

Construct 4' Wide Concrete Sidewalk (4")

Sta. 11+67.00, 29.40' 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.

Construct 64 L.F. Silt Fence Sediment Barrier as Shown.(See Detail, Sheet 18.)

Sta. 11+54.17, 33' Rt. Install End of Road Markers (Red) as Shown. (See detail, sheet 4.)

Curve #5
Curve Data Based on Centerline
Rad. = 80' Delta = 90° 16'01" Tangent = 80.37'
Arc = 126.04' L.C. = 113.40' Def/Ft. =21.48531 Min.

Station	Arc	FACE CHORD LENGTHS 8' Lt.	8' Rt.	Defl.	T. Defl.
11+11.05	–	–	–	0°00'00"	0°00'00"
11+25.00	13.95'	9.58'	18.29'	4°59'43"	4°59'43"
11+28.43	3.43'	2.36'	4.50'	1°13'42"	6°13'25"
11+54.17	25.74'	17.62'	33.64'	9°13'02"	15°26'27"
11+79.91	25.74'	17.62'	33.64'	9°13'02"	24°39'29"
12+00.00	20.09'	13.78'	26.30'	7°11'38"	31°51'07"
12+25.00	25.00'	17.12'	32.68'	8°57'08"	40°48'15"
12+37.09	12.09'	8.30'	15.85'	4°19'46"	45°08'01"

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

Copper Gate North Addition - Phase I

DECKER

STA. 7+75.00 TO STA. 12+37.09

Baughman Company, P.A. 315 Ella St. Wichita, KS 67211 P 3162622721 F 3162622149
ENGINEERING | SURVEYING | PLANNING | LANDSCAPE ARCHITECTURE

PROJECT NUMBER 472.84104

DESIGN NBW DRAWN TMS/JAK

APPROVED DATE 10/05/05

REVISIONS:

SCALE Noted

SHEET **11** OF **28**

Copper Gate North\Phase 1\Sht6 05-02-E162