BENCHMARKS:
BM #1: "X" on the West End of the Steel Casing Pipe at the Railrood Crossing South of 37th Street North Sta. 25+90, 41' Rt.
Elev. = 1336.58 MSL

BM #2: Steel T-Post Driven 4' Deep Sta. 18+00, 25' Rt.
Elev. = 1337.73 MSL

BM #3: "□" in the Concrete Footing of the SBC Pedestal in the South West Corner of 37th Street North and Tyler Road Sta. 8+56, 95' Rt.
Elev. = 1342.17 MSL

BM #4: Railrood Spike in the East Face of the 2nd Power Pole North of 37th Street and West of Tyler Rood Sta. 94+24, 48' Lt.
Elev. = 1342.85 MSL

Pond data:
Static ws elev. = 137.2
100-yr ws elev. is Variable along reach

CAUTION! Ex. Irrigation Line Crossing. Depth unknown. Contractor shall remove/replace/repair/adjust irrigation line and sprinkler heads as necessary for construction. Cost to be included in "Site Clearing & Restoration."

Scale: 1" = 20' Horizontal
1" = 5' Vertical
• = Iron

Sta 0+25.5, Begin Line 2
Begin construction of 36" RCP.
1 - 36" RC Headwall 27.0 S.Y.
light stone rip-rap.

Sta 1+08.6, Line 2
Construct std. shallow manhole (6' dia.).
Top Elev. = 144.50

Sta 2+30.4, Line 2
=Sta 0+00, Begin Line 2A
Construct std. drop inlet (2'x4').
Top Elev. = 145.90

Sta 4+92.6, Line 2
= Sta 0+00, Begin Line 2B
Construct std. shallow manhole (6' dia.) with grated lid (Neenah R-2501 or equivalent).
Top Elev. = 145.60
Match Point

Install hay bale sediment barrier per detail, sheet 37.

Install hay bale sediment barrier per detail, sheet 37.

Existing Pond

TYLER'S LANDING 2ND ADDITION

TYLER'S LANDING 3RD ADDITION

LINE 2A

LINE 2

LINE 2B

Res. "A"

CAUTION! 4" SS Crossing

10' Drng. & Util. Esmt.

20' Drng. Esmt.

20' Drng. & Util. Esmt.

10' Util. Esmt.

Proposed 8" SS

Irrigation Water Line

Prop. 8" SS

66.41'
142°45'10"
117.43'
104°28'54"
75°26'55"
95.97'
70.38'
83.96'
59.13'
17.16'
4.65'
45.34'
91°59'49"
8°17'16"

23 24 25 26 37 36 35 34 33 32

CAUTION! Ex. Irrigation Line Crossing. Exact location & depth unknown.

WS = 137.20

Proposed Grade

Existing Grade

83.1 L.F. 36" RCP @ +0.48%

121.8 L.F. 36" RCP @ +0.16%

262.2 L.F. 36" RCP @ +0.15%

Sta 0+25.5, Begin Line 2 Begin construction of 36" RCP. 1 - 36" RC Headwall 27.0 S.Y. light stone rip-rap.

Sta 1+08.6, Line 2 Construct std. manhole (6' dia.) Top Elev. = 144.50

Sta 2+30.4, Line 2 =Sta 0+00, Begin Line 2A Construct std. drop inlet (2'x4') Top Elev. = 145.90

Sta 4+92.6, Line 2 = Sta 0+00, Begin Line 2B Construct std. shallow manhole (6' dia.) with grated lid (Neenah R-2501 or equivalent). Top Elev. = 145.60 Match Point

1337.20 = Flow
1337.32 = Flow
1337.56 = Flow
1337.60 = Flow Out
1338.30 = Flow In
1339.37 = Flow
1339.45 = Flow
1339.50 = Flow Out
1339.60 = Flow In (N)
1341.25 = Flow In (W)
1339.63 = Flow
1339.71 = Flow
1339.78 = Flow
1339.86 = Flow
1339.94 = Flow
1340.00 = Flow Out
1341.00 = Flow In (NAE)

0+00 0+25.5 0+50 1+00 1+08.6 1+50 2+00 2+30.4 2+50 3+00 3+50 4+00 4+50 4+92.6

155 150 145 140 135

Baughman

Tyler's Landing 3rd Addition - Phase I

LINE 2

STORM WATER SEWER IMPROVEMENTS

Baughman Company, P.A. 315 Ella St. Wichita, KS 67211 P 316.263.3721 F 316.262.0149
ENGINEERING | SURVEYING | PLANNING | LANDSCAPE ARCHITECTURE

PROJECT NUMBER 472-84262

REVISIONS:

DESIGN AEG DRAWN JWH/TMS
APPROVED DATE 08/05
SCALE Noted
SHEET 20 OF 52

Tyler's Landing 3rd\SWS1

05-07-E283