BENCHMARKS:
BM#1: "□" Cut in top of curb, east return of SE corner of Lotus & Parkridge.
Elev. = 145.99 (City Datum)

BM #2: "X" Cut on walk at NW corner of Lot 1, Block F, Flat Creek Addition
Elev. = 146.22 (City Datum)

BM #3: "□" Cut in top of curb at the NW corner of Lot 1, Block B, Hunter's Ridge Addition.
Elev. = 146.63 (City Datum)

WICHITA UNITED METODIST DIST. UN
9440 E. BOSTON, #140
WICHITA, KS 67207
ZONED "SF-20"

SCALE:
1" = 20' HORIZONTAL
1" = 5' VERTICAL
• = IRON

UNPLATTED

Construct Erosion Control Straw Bale Barrier Around Inlet. See Detail, Sheet 16.

Sta. 0+67.9, Line 4
Construct Special Yard Inlet
Top Elev. = 144.20

CAUTION! Ex. 10" SS Crossing

18.15'

10'

68.84'

LINE 4

120.86'

62'

Sta. 3+42.7, Line 4
Const. Special Yard Inlet.
Top Elev. = 143.70

179°59'50"

5'

62'

62'

62'

62'

Sta. 5+90.4, End Line 4
Const. Special Yard Inlet.
Top Elev. = 143.80

South Line Flat Creek Addition

5'

10'

Ex. 10" SS

Ex. 8" SS

20' DRAINAGE & UTILITY EASEMENT

144

143

142

141

140

135

61.13'

131°09'11"

Sta. 0+00.0, Begin Line 4
Run 18" R.C.P. (SW)
Construct 18" Headwall

8'

20' DRNG. & 8" UTIL EASEMENT

Ex. 8" SS

62.78'

10'

9'

Install 20 S.Y. of Heavy Stone Rip-Rap as Indicated

Proposed Pond

RESERVE "C"

10

9

8

7

6

5

4

11

D

10' UTIL EASEMENT

Construct Erosion Control Straw Bale Barrier Around Inlet. See Detail, Sheet 16.

Construct Erosion Control Straw Bale Barrier Around Inlet. See Detail, Sheet 16.

FLAT CREEK ADDITION

Sta. 0+00.0, Begin Line 4
Run 18" R.C.P. (SW)
Construct 18" Headwall

Sta. 0+67.9, Line 4
Construct Special Yard Inlet
Top Elev. = 144.20

Sta. 3+42.7, Line 4
Const. Special Yard Inlet.
Top Elev. = 143.70

Sta. 5+90.4, End Line 4
Const. Special Yard Inlet.
Top Elev. = 143.80

150
145
140
135
130

Proposed Grade= Existing Grade

Static Pool = 141.70

67.9 L.F. 18" RCP @ +0.300%

274.8 L.F. 18" RCP @ +0.300%

247.7 L.F. 15" RCP @ 0.383%

CAUTION! Ex. 10" SS Crossing

LINE 4

139.05 = Flow Out
139.20 = Flow
139.25 = Flow Out
139.35 = Flow In
139.45 = Flow
139.60 = Flow
139.75 = Flow
139.90 = Flow
140.05 = Flow
140.18 = Flow Out
140.43 = Flow In
141.05 = Flow
141.24 = Flow
141.43 = Flow
141.62 = Flow
141.78 = Flow Out
142.03 = Flow In

0+00 0+50 0+67.9 1+00 1+50 2+00 2+50 3+00 3+42.7 4+00 4+50 5+00 5+90.4

FLAT CREEK ADDITION - PHASE II
LINE 4
STORM WATER SEWER IMPROVEMENTS

BAUGHMAN COMPANY P.A.
ENGINEERING, SURVEYING, & PLANNING
316-262-7271 • 315 ELLIS • WICHITA, KANSAS 67211

PROJECT NUMBER 472-83384

DESIGN	DRAWN	APPROVED	DATE	SCALE
NBW	ESB		8/21/02	NOTED

SHEET 17 OF 43

I:\FlatCreek\Phase2\sws4