BENCHMARKS:
BM #1 "□" Cut on Top of Curb, North Side Siefkes, NW of Center Line of Siefkes Ct., Shadybrook Meadow Addition.
Elev. = 135.19 City Datum

BM #2 "□" Cut on SW corner of concrete base of SWB box 156' north and 41.5' west of E 1/4 Sec. 23, T-27-S, R-2-E.
Elev. = 143.39 City Datum

BM #3 "□" Cut on concrete base of R/W fence brace post 510' NE of SW corner of Shoal Creek Addition. (South side of Turnpike).
Elev. = 154.13 City Datum

SHOAL CREEK ADDITION

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

Existing Pond
Edge Existing High Bank
Proposed Pond
RESERVE "E"
Sta. 0+00, Line 3
Begin Construction of 36" R.C.P. w/ End Section.
Install 20 S.Y. of Light Stone Rip-Rap as Indicated.
10'
10'
18'
20' Util. Esm't
8"
SS
CAUTION! 8" San. Sewer Crossing
LINE 3
166°49'45"
5.50°
MH
20' Drng. & Util. Esm't
63.22'
128.22'
65'
28.79
20' Drng. & Util. Esm't
78.26'
Ex. 8" SS
Sta. 0+76.2, Line 3
Construct Std. Type "A" Shallow Manhole. (5' Dia.)
Top Elev. = 142.50
RESERVE "E"
34' (Fc-Fc)
64' R/W
Proposed 4" Wtr
Ex. 8" Wtr
Proposed 10" Wtr Joint
SIEFKES
CAUTION! 8" Wtr Line Crossing
172°29'39"
20.67'
21.17'
4.62'
90°
MH
50'
10' Util. Esm't
Ex. 8" SS
Sta. 2+10.2 to Sta. 2+52.0
Install 41.8 L.F. Flowable Fill
Per City Specifications.
Fill to Elev. 143.90
Sta. 2+52.0, Line 3
Const. Std. Type-1A Single Curb Inlet. (5' x 4')
Top Elev. = 147.10
Match Point
Sta. 2+10.2, Line 3
Const. Std. Type-1A Single Curb Inlet. (5' x 3')
Top Elev. = 147.10
SHOAL CREEK ADDITION

Sta. 0+00 Line 3 Begin Construction of 36" R.C.P. w/ End Section.
Sta. 0+76.2, Line 3 Construct Std. Type "A" Shallow Manhole. (5' Dia.) Top Elev. = 142.50
Sta. 2+10.2, Line 3 Const. Std. Type-1A Single Curb Inlet. (5' x 3') Top Elev. = 147.10
Sta. 2+52.0, Line 3 Const. Std. Type-1A Single Curb Inlet. (5' x 4') Top Elev. = 147.10 Match Point
Existing Grade
Proposed Grad by Son. Sewer Contractor
Proposed Grade This Contract
Install 41.8 L.F. Flowable Fill
Static Pool = 137.0
Bottom = 127.0
CAUTION! 8" Wtr Line Crossing
CAUTION! 8" San. Sewer Crossing
134.0 L.F. 36" R.C.P. @ +1.642%
41.8 L.F. 30" R.C.P. @ +0.239%
76.2 L.F. 36" R.C.P. @ +4.856%
LINE 3
135.50 = Flow Out
135.63 = Flow
137.20 = Flow Out
137.30 = Flow In
137.69 = Flow
138.51 = Flow
139.33 = Flow
139.50 = Flow Out
140.00 = Flow In
140.10 = Flow Out
140.20 = Flow In
150
145
140
135
130
0+00
+50
01+78.2
1+00
+50
2+00
2+10.2
2+52.0

SHOAL CREEK ADDITION
LINE 3
STORM WATER SEWER IMPROVEMENTS

BAUGHMAN COMPANY P.A.
ENGINEERING, SURVEYING, & PLANNING
316-262-7271 • 313 ELLIS • WICHITA, KANSAS 67211

PROJECT NUMBER 488-83187
SHEET 5 OF 28

| DESIGN | DRAWN | APPROVED | DATE | SCALE |
|---|---|---|---|---|
| DMV | JAK | | 01/01 | NOTED |

Shoals 13764 00-1-2851