POND #4
Static Pool=166.0
DWS 100 =168.7

Sta. 39+36
Begin Temporary Channel Construction

CAUTION !!!
Existing Irrigation Line (Private)

@ CURVE DATA
P.I. Sta. 43+58.84 Bk.
P.I. Sta. 42+91.89 Ahd.
Δ=90°57'57"
D=38°11'50"
R=150.00'
T=152.55'
L=238.15'
E=63.94'

@ Sta. 42+06.29 P.C.

@ Sta. 44+44.44 P.T.

@ Temporary Channel

@ Sta. 47+53.78 P.T.

@ Sta. 47+31.85 P.C.

@ CURVE DATA
P.I. Sta. 47+99.32 Bk.
P.I. Sta. 47+96.31 Ahd.
Δ=32°03'58"
D=28°39'52"
R=200.00'
T=57.47'
L=111.93'
E=8.09'

PARK RIDGE

RESERVE "E"

Existing Contour (Typ.)

Proposed Contour (Typ.)

75' KGE Easement Misc. Bk. 445 pg. 475,476

@ 20' Utility Easement

@ 10' Util. Esm't.

@ 20' Drng. & Util. Esm't.

Irrigation Line

50'-0"

8'-0"

SCALE: 1"=40'

| COORDINATE LIST | | |
|---|---|---|
| POINT | NORTH | EAST |
| 491 | 27,735.7958 | 16,170.1458 |
| 492 | 27,735.7958 | 15,899.8567 |
| 493 | 27,583.2674 | 15,749.8780 |
| 494 | 27,285.8977 | 15,754.8911 |
| 495 | 27,179.2190 | 15,726.1724 |

492 COORDINATE POINT NO.
SEE SHEET NO. 3 FOR PLAT COORDINATES

Var. 8'-0" Var.
3:1 3:1 Exist. Ground

TYPICAL CHANNEL SECTION

BRIAN D. BOUTWELL LICENSED 10889 PROFESSIONAL ENGINEER
3/14/06

Existing Irrigation Line

Existing Ground

+0.22%

Proposed Profile Grade

F=166.00 (-36.00)
F=166.14
F=166.36
F=166.58
F=166.80
F=167.02
F=167.24
F=167.46
F=167.68
F=167.90
F=168.12
F=168.34

PLAN
CHECKED
DRAWN
BY
DATE

PROFILE
CHECKED
DRAWN

Saved: 03-14-2006 8:18:48 AM by BJS
Plot: Scale 1:40 03-14-2006 11:00:23 AM by JMJ
Q:\2004\04485\000\CHANNEL39-50

FONTANA ADDITION-PHASE 1

# TEMPORARY CHANNEL

JAMES L. ARMOUR, P.E.-CITY ENGINEER
CITY OF WICHITA PROJECT NO. 472-84086

Professional Engineering Consultants, P.A.
303 S. TOPEKA • WICHITA, KANSAS 67202
316-262-2691 • FAX 316-262-3063

Designed By: BLB, BDB
Drawn By: BJS
Job No. 35-04485-000
Date: SEPTEMBER 2004