PLAN	CHECKED	BY	DATE
	CHECKED		

PROFILE	CHECKED	BY	DATE
	CHECKED		

DSNR: BLB OPER: BJS SCALE: 1=20.00
C:\2004\04688\000\04688-000-C-CHANNEL64-69 08-23-2005 08:55:30 am

CHATEAU PARKWAY

48" RCP (SMS Line No. 5)

℄ 40' Prom. & Util. Esmt. Prop. 8" Water (by Others)

Prop. 8" San. Sewer (by Others)

20' Util. Esmt.

Prop. SS MH
Top Elev.=1379.1
℄ In=1366.93 (W)
℄ Out=1366.93 (E)

Prop. SS MH
Top Elev.=1378.9
℄ In=1367.71 (Stub)(E)
℄ Out=1367.51 (E)

Existing Contour (Typ.)

Proposed Contour (Typ.)

Drainage Easement

Prop. Ditch Check

℄ Temporary Channel

48" RCP

5'-10"

Remove Exist. Soil Saver Subsidiary to Channel Excavation.

Prop. Ditch Check

B Sta. 68+54.88 P.C.

B Sta. 68+90.46 P.T.

B Sta. 69+17.94

Prop. Ditch Check

SCALE: 1"=20'

B CURVE DATA
P.I. Sta. 68+61.93 (Ahd.)=
P.I. Sta. 68+63.41 (Bk.)
Δ=31°50'39"
D=57°17'45"
R=100.00'
T=28.53'
L=55.58'
E=3.99'

Var. 5'-10" Var.
6:1 6:1
Exist. Ground

TYPICAL CHANNEL SECTION

COORDINATE LIST		
POINT	NORTH	EAST
604	386,554.8690	2,372,099.3879
605	386,340.6905	2,371,814.2973
606	386,296.9662	2,371,781.1547
607	386,271.3513	2,371,771.1989

(604) = COORDINATE POINT NO.
SEE SHEET NO. 3 FOR PLAT COORDINATES

BRIAN L. BOUTWELL LICENSED 10889 PROFESSIONAL ENGINEER
8/23/05

Sta. 64+49.0 SMS Line No. 6
Std. Type 'A' Curb Inlet
Top Elev.=1378.57
Cross 8" Water
Top of Pipe=1371.00
Sta. 64+78.3 SMS Line No. 6 (684)
Reinf. Conc. Headwall (45°)

℄ Chateau Parkway

29.3 LF 48" RCP @ +0.08%

℄ Out=1371.95
℄ In=1377.96

℄ Out=1371.98

E=1379.00' (+63.30)
E=1375.12

E=1378.88

E=1378.64

E=1380.40

E=1382.16

E=1382.47 (+17.94)
Match Existing

Existing Ground

+1.76%

Proposed Profile Grade

1395 1390 1385 1380 1375 1370 1365 1360 1355

64 65+00 66 67 68 69

TEMPORARY CHANNEL (WEST)
OAK CREEK - PHASE 1
STA. 64+87.00 TO STA. 68+98.76
JAMES L. TAYLOR, P.E. - CITY ENGINEER
CITY OF WICHITA PROJECT NO. 472-84209

Professional Engineering Consultants, P.A.
303 S. TOPEKA • WICHITA, KANSAS 67202
316-262-2691 • FAX 316-262-5063

Designed By	BOB, BLB	Job No.	35-04688-000
Drawn By	BJS	Date	October 2004

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