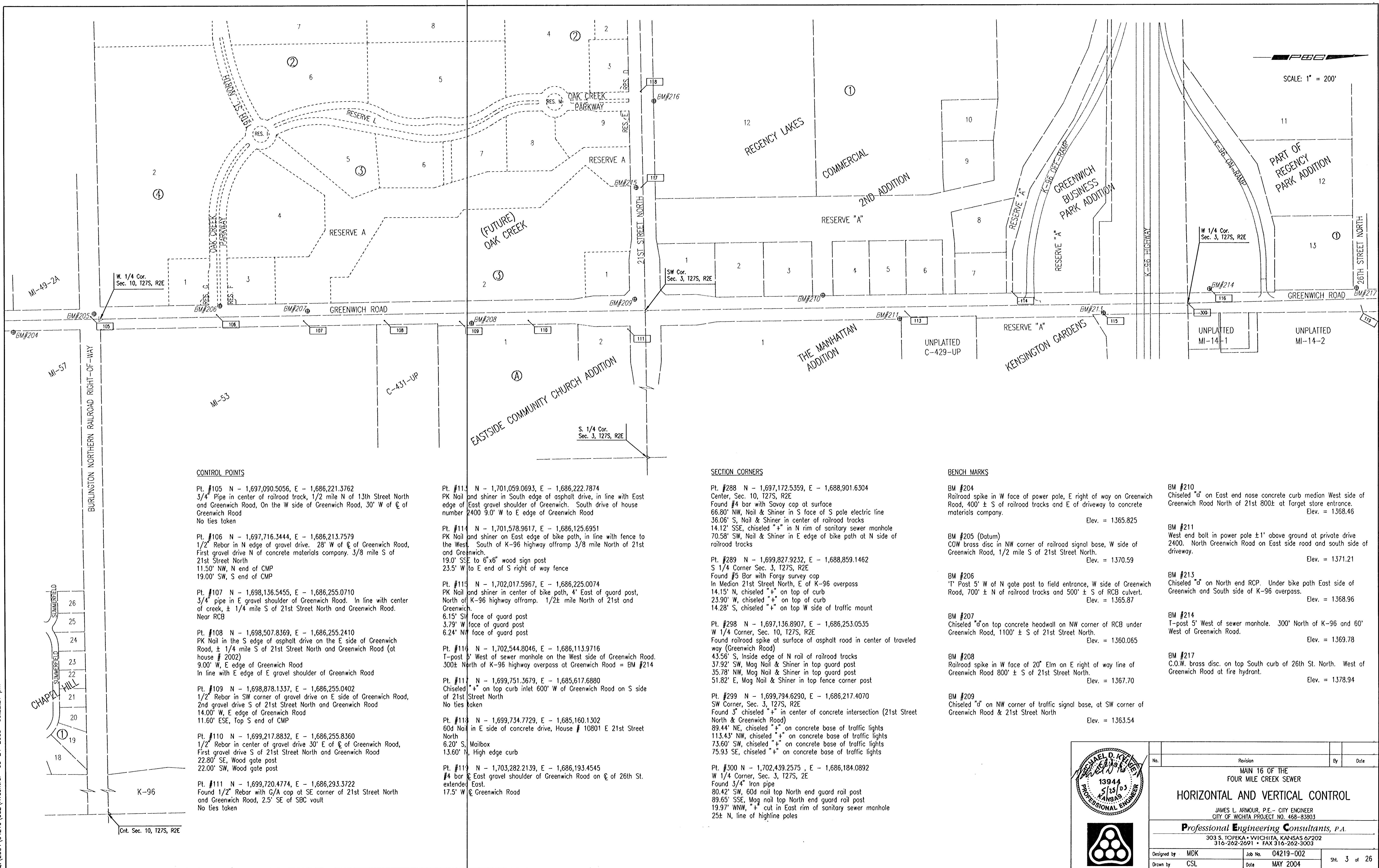


DSNR: MDK OPER: JAC SCALE: 1"=200.00  
Q: 2004-04219-002 H:\control 05-24-2005 03:22:21 pm



#### CONTROL POINTS

Pt. #105 N - 1,697,090.5056, E - 1,686,221.3762  
3/4" Pipe in center of railroad track, 1/2 mile N of 13th Street North and Greenwich Road, On the W side of Greenwich Road, 30' W of C of Greenwich Road  
No ties taken

Pt. #106 N - 1,697,716.3444, E - 1,686,213.7579  
1/2" Rebar in N edge of gravel drive, 28' W of C of Greenwich Road, First gravel drive N of concrete materials company, 3/8 mile S of 21st Street North  
11.50' NW, N end of CMP  
19.00' SW, S end of CMP

Pt. #107 N - 1,698,136.5455, E - 1,686,255.0710  
3/4" pipe in E gravel shoulder of Greenwich Road. In line with center of creek, ± 1/4 mile S of 21st Street North and Greenwich Road.  
Near RCB

Pt. #108 N - 1,698,507.8369, E - 1,686,255.2410  
PK Nail in the S edge of asphalt drive on the E side of Greenwich Road, ± 1/4 mile S of 21st Street North and Greenwich Road (at house # 2002)  
9.00' W, E edge of Greenwich Road  
In line with E edge of E gravel shoulder of Greenwich Road

Pt. #109 N - 1,698,878.1337, E - 1,686,255.0402  
1/2" Rebar in SW corner of gravel drive on E side of Greenwich Road, 2nd gravel drive S of 21st Street North and Greenwich Road  
14.00' W, E edge of Greenwich Road  
11.60' ESE, Top S end of CMP

Pt. #110 N - 1,699,217.8832, E - 1,686,255.8360  
1/2" Rebar in center of gravel drive 30' E of C of Greenwich Road, First gravel drive S of 21st Street North and Greenwich Road  
22.80' SE, Wood gate post  
22.00' SW, Wood gate post

Pt. #111 N - 1,699,720.4774, E - 1,686,293.3722  
Found 1/2" Rebar with G/A cap at SE corner of 21st Street North and Greenwich Road, 2.5' SE of SBC vault  
No ties taken

Pt. #112 N - 1,701,059.0693, E - 1,686,222.7874  
PK Nail and shiner in South edge of asphalt drive, in line with East edge of East gravel shoulder of Greenwich. South drive of house number 2400 9.0' W to E edge of Greenwich Road

Pt. #113 N - 1,701,578.9617, E - 1,686,125.6951  
PK Nail and shiner on East edge of bike path, in line with fence to the West. South of K-96 highway off ramp 3/8 mile North of 21st and Greenwich.  
19.0' SSE to 6"x6" wood sign post  
23.5' W to E end of S right of way fence

Pt. #115 N - 1,702,017.5967, E - 1,686,225.0074  
PK Nail and shiner in center of bike path, 4' East of guard post, North of K-96 highway off ramp. 1/2± mile North of 21st and Greenwich.  
6.15' SW face of guard post  
3.79' W face of guard post  
6.24' NW face of guard post

Pt. #116 N - 1,702,544.8046, E - 1,686,113.9716  
T-post 5' West of sewer manhole on the West side of Greenwich Road.  
300E North of K-96 highway overpass at Greenwich Road = BM #214

Pt. #117 N - 1,699,751.3679, E - 1,685,617.6880  
Chiseled "d" on top curb inlet 600' W of Greenwich Road on S side of 21st Street North  
No ties taken

Pt. #118 N - 1,699,734.7729, E - 1,685,160.1302  
60d Nail in E side of concrete drive, House # 10801 E 21st Street North  
6.20' S, Mailbox  
13.60' N, High edge curb

Pt. #119 N - 1,703,282.2139, E - 1,686,193.4545  
#4 bar East gravel shoulder of Greenwich Road on C of 26th St. extended East.  
17.5' W of Greenwich Road

#### SECTION CORNERS

Pt. #288 N - 1,697,172.5359, E - 1,688,901.6304  
Center, Sec. 10, T27S, R2E  
Found #4 bar with Savoy cap at surface  
66.80' NW, Nail & Shiner in S face of S pole electric line  
36.06' S, Nail & Shiner in center of railroad tracks  
14.12' SSE, chiseled "d" in N rim of sanitary sewer manhole  
70.58' SW, Nail & Shiner in E edge of bike path at N side of railroad tracks

Pt. #289 N - 1,699,827.9232, E - 1,688,859.1462  
S 1/4 Corner Sec. 3, T27S, R2E  
Found #5 Bar with Fargy survey cap  
In Median 21st Street North, E of K-96 overpass  
14.15' N, chiseled "d" on top of curb  
23.90' W, chiseled "d" on top of curb  
14.28' S, chiseled "d" on top W side of traffic mount

Pt. #298 N - 1,697,136.8907, E - 1,686,253.0535  
W 1/4 Corner, Sec. 10, T27S, R2E  
Found railroad spike at surface of asphalt road in center of traveled way (Greenwich Road)  
43.56' S, Inside edge of N rail of railroad tracks  
37.92' SW, Mag Nail & Shiner in top guard post  
35.78' NW, Mag Nail & Shiner in top guard post  
51.82' E, Mag Nail & Shiner in top fence corner post

Pt. #299 N - 1,699,794.6290, E - 1,686,217.4070  
SW Corner, Sec. 3, T27S, R2E  
Found 3" chiseled "d" in center of concrete intersection (21st Street North & Greenwich Road)  
89.44' NE, chiseled "d" on concrete base of traffic lights  
113.43' NW, chiseled "d" on concrete base of traffic lights  
73.60' SW, chiseled "d" on concrete base of traffic lights  
75.93' SE, chiseled "d" on concrete base of traffic lights

Pt. #300 N - 1,702,439.2575, E - 1,686,184.0892  
W 1/4 Corner, Sec. 3, T27S, R2E  
Found 3/4" Iron pipe  
80.42' SW, 60d nail top North end guard rail post  
89.65' SSE, Mag nail top North end guard rail post  
19.97' WNW, "d" cut in East rim of sanitary sewer manhole  
25± N, line of highline poles

#### BENCH MARKS

BM #204  
Railroad spike in W face of power pole, E right of way on Greenwich Road, 400' ± S of railroad tracks and E of driveway to concrete materials company.  
Elev. = 1365.825

BM #205 (Datum)  
COW brass disc in NW corner of railroad signal base, W side of Greenwich Road, 1/2 mile S of 21st Street North.  
Elev. = 1370.59

BM #206  
"T" Post 5' W of N gate post to field entrance, W side of Greenwich Road, 700' ± N of railroad tracks and 500' ± S of RCB culvert.  
Elev. = 1365.87

BM #207  
Chiseled "d" on top concrete headwall on NW corner of RCB under Greenwich Road, 1100' ± S of 21st Street North.  
Elev. = 1360.065

BM #208  
Railroad spike in W face of 20" Elm on E right of way line of Greenwich Road 800' ± S of 21st Street North.  
Elev. = 1367.70

BM #209  
Chiseled "d" on NW corner of traffic signal base, at SW corner of Greenwich Road & 21st Street North  
Elev. = 1363.54

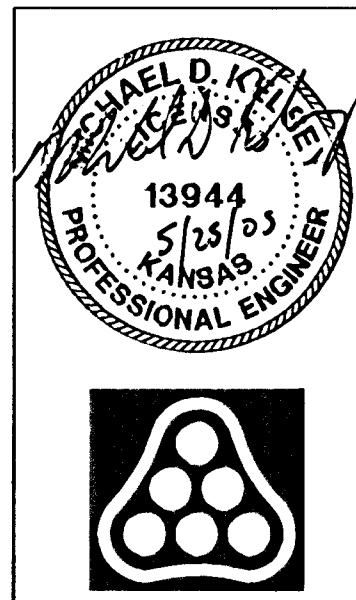
BM #210  
Chiseled "d" on East end nose concrete curb median West side of Greenwich Road North of 21st 800E at Target store entrance.  
Elev. = 1368.46

BM #211  
West end bolt in power pole ±1' above ground at private drive 2400. North Greenwich Road on East side road and south side of driveway.  
Elev. = 1371.21

BM #213  
Chiseled "d" on North end RCP. Under bike path East side of Greenwich and South side of K-96 overpass.  
Elev. = 1368.96

BM #214  
T-post 5' West of sewer manhole. 300' North of K-96 and 60' West of Greenwich Road.  
Elev. = 1369.78

BM #217  
C.O.W. brass disc, on top South curb of 26th St. North. West of Greenwich Road at fire hydrant.  
Elev. = 1378.94



| No.         | Revision                                                                       | By      | Date      |
|-------------|--------------------------------------------------------------------------------|---------|-----------|
|             | MAIN 16 OF THE<br>FOUR MILE CREEK SEWER                                        |         |           |
|             | <b>HORIZONTAL AND VERTICAL CONTROL</b>                                         |         |           |
|             | JAMES L. ARMOUR, P.E. - CITY ENGINEER<br>CITY OF WICHITA PROJECT NO. 468-83803 |         |           |
|             | <b>Professional Engineering Consultants, P.A.</b>                              |         |           |
|             | 303 S. TOPEKA • WICHITA, KANSAS 67202<br>316-262-2691 • FAX 316-262-3003       |         |           |
| Designed by | MDK                                                                            | Job No. | 04219-002 |
| Drawn by    | CSL                                                                            | Date    | MAY 2004  |
|             |                                                                                | Shl.    | 3 of 26   |