1" = 250'

BENCHMARK LIST

BM #1 – CHIS. "d" ON THE TOP SOUTH SIDE OF LIGHT POLE BASE. ±430' NORTH OF THE NORTH LINE OF THE SOUTH 1/2 NW 1/4 SEC. 3 AND 2.36' E. OF THE WEST LINE OF SEC. 3, T27S, R1E.
ELEV.= 1320.20 (NGVD 29)

BM #2 – CHIS. "d" ON THE TOP NORTH END OF THE SOUTH HEADWALL OF RCBC. ±996' W. AND ±136' N. OF THE NE COR. NW 1/4 SEC. 3, T27S, R1E.
ELEV.= 1318.19 (NGVD 29)

BM #3 – FOUND RAILROAD SPIKE IN THE N. FACE OF GUY POLE, JUST S. OF THE UNION PACIFIC RAILROAD AND 1/2 MILE W. OF HILLSIDE AVE.
ELEV.= 1331.815 (NGVD 29)

BM #4 – (CP #1003) SET "T" POST ± 16.5' S. OF THE S. TRACK FOR THE UNION PACIFIC RAILROAD AND ±1540' WEST OF HILLSIDE AVE.
ELEV.= 1332.88 (NGVD 29)

BM #5 – (CP #1004) SET "T" POST ±18.5' S. OF THE S. TRACK FOR THE UNION PACIFIC RAILROAD AND ±710' WEST OF HILLSIDE AVE., ±20.5' E. OF THE CNTR. OF DRAINAGE DITCH TO THE S.
ELEV.= 1336.825 (NGVD 29)

BM #6 – FOUND RAILROAD SPIKE ON THE N. FACE OF LIGHT POLE. ±60' S. OF THE UNION PACIFIC RAILROAD AND ±35' W. OF THE CNTR. OF HILLSIDE AVE.
ELEV.= 1344.125 (NGVD 29)

BM #7 – SET CHIS. "d" ON TOP OF W. CURB NEW YORK ST. AT 2711 N. NEW YORK ST. ON THE CURB RETURN.
ELEV.= 1317.47 (NGVD 29)

BM #8 – SET CHIS. "d" ON TOP OF W. CURB NEW YORK ST., ADJACENT TO POWER POLE AT 2645 N. NEW YORK ST.
ELEV.= 1315.07 (NGVD 29)

BM #9 – SET 3' "T" POST 65' SSE OF CP #1009, 47' NNW OF THE HEARTLAND PREPAREDNESS CENTER PLAT CORNER #23.
ELEV.= 1320.51 (NGVD 29)

BM #10– SET 3' "T" POST ±45' SSE OF CP #1010. 8' N. OF 2 TRACK RD.
ELEV.= 1325.755 (NGVD 29)

BM #11– (CP #1011) SET 3' "T" POST ±65' NW OF THE N. TOP OF THE EAST BRANCH CHISHOLM CREEK. ±13' SE OF THE FENCE LINE. 558' NE TO THE HEARTLAND PREPAREDNESS CENTER PLAT CORNER #22.
ELEV.= 1325.755 (NGVD 29)

BM #12– (CP #1012) SET 3' "T" POST IN THE FENCE LINE. ±45' N. OF THE N. TOP OF BANK EAST BRANCH CHISHOLM CREEK. 12' E. TO THE PIPELINE MARKER.
ELEV.= 1320.785 (NGVD 29)

BM #13– (CP #1013) SET 3' "T" POST ON THE N. SIDE OF BANK EAST BRANCH CHISHOLM CREEK. ±50' NW OF THE HEARTLAND PREPAREDNESS CENTER PLAT CORNER #24.
ELEV.= 1320.785 (NGVD 29)

BM #14– (CP #1014) SET 3' "T" POST IN THE NW CORNER OF LOT 7, BLOCK 1, POWER C.D.C 3RD ADDITION. 30' NE TO SSMH #5650-013. IN LINE WITH SMALL ELM ROW TO THE S.
ELEV.= 1322.60 (NGVD 29)

BM #15– TOP OF THE SW BOLT ON LIGHT POLE IN THE NW CORNER OF THE PARK. 50' N. OF PAVILION. ±86' E. OF CP #1015.
ELEV.= 1332.66 (NGVD 29)

BM #16– SET CHIS. "d" ON THE E. SIDE OF CONCRETE SIDEWALK. IN GROVE PARK ON THE WEST SIDE. ADJACENT TO THE CENTER COURT LINE OF THE BASKETBALL COURT.
ELEV.= 1335.05 (NGVD 29)

BM #17– SET CHIS. "d" ON TOP OF CURB ON THE WEST SIDE OF SPRUCE AT THE END OF THE CURB. 2755 N. SPRUCE.
ELEV.= 1335.05 (NGVD 29)

BM #18– SET CHIS. "d" ON TOP OF CURB IN THE CENTER APPROACH TO 27TH ST. N. ON THE W. SIDE OF GROVE. ±30' E. TO THE CENTER OF GROVE AND ±35' N. TO THE CENTER OF 27TH ST. N. TO THE E.
ELEV.= 1342.73 (NGVD 29)

CONTROL POINTS

Pt. No. 1000
N: 38,716.0126, E: 37,660.4503
Set #4 bar at the East edge of road. Mid point of curve.
1. At the East edge of road. Mid point of curve.
2. E. of I-135
3. In line with center of under pass at New York St.
4. In line with Gravel road to the N.

Pt. No. 1001
N: 40,548.3931, E: 40,004.3035
Set #4 bar.
1. 1/2 mile W. of Hillside Ave.
2. ±36' S. of the S. track for UP RR near mile marker 481.
3. 16' WSW of Guy Pole with RR spike in N. face. BM #3.

Pt. No. 1002
N: 40,585.1424, E: 40,053.6604
Found #4 Bar
1. 61.5' NNE of CP #1001
2. ±1/2 mile W. of Hillside Ave.
3. ±18' S. of the S. track for UP RR near mile marker 481.
4. 45' ENE of Guy Pole with RR spike in N. face. BM #3.

Pt. No. 1003 (BM #4)
N: 40,997.3988, E: 41,142.2787
Set 3' "T" Post
1. Edge of Gravel along S. side of UP RR.
2. 16.5' S. of the S. track for UP RR.
3. ±26' W. of the W. edge of Heavy Brush.
4. ±1540' WSW of Hillside Ave. and the UP RR crossing.

Pt. No. 1004 (BM #5)
N: 41,278.0364, E: 41,920.1763
Set 3' "T" Post
1. 18.5' S. of the S. track for UP RR.
2. 20.5' E. of the center of the Drainage Channel to S.
3. ±710' WSW of Hillside Ave. and the UP RR crossing.

Pt. No. 1005
N: 41,501.7623, E: 42,539.7748
Found #4 Bar
1. NE corner of 3209 N. Hillside Ave.
2. 50' W of the center of Hillside Ave.
3. 25' S. of the center of UP RR tracks.

Pt. No. 1006
N: 38,462.8898, E: 37,352.1296
Set 60D Nail
1. Center of Concrete Joint in New York St.
2. ±36' S. to Point of Curve in road.
3. In front of 2711 N. New York St.

Pt. No. 1007
N: 38,423.3496, E: 37,697.1343
Set #4 Bar
1. ±4' E. of the E. fence line for I-135 Highway.
2. ±165' N. to the fence PI that goes S-W at the under pass at I-135 and New York St., on the E. side.

Pt. No. 1008
N: 37,623.3656, E: 37,354.3283
Set 60D Nail
1. Center of Concrete Joint in New York St.
2. Adjacent to Power Pole on W. side of road.
3. In front of 2645 N. New York St.

Pt. No. 1009
N: 39,509.3668, E: 39,004.6561
Set #4 Bar
1. N. of the East Branch Chisholm Creek.
2. W. of Drainage Channel.
3. 112.5' NNW of Heartland Preparedness Center Plat Corner #23.

Pt. No. 1010
N: 39,101.6105, E: 38,791.6746
Found #4 Bar with cap "CFS Control"
1. On the N. top of bank of the East Branch Chisholm Creek.
2. 127' N. to Heartland Preparedness Center Plat Corner #22.
3. ±23' E. of old cable that crosses East Branch Chisholm Creek.

Pt. No. 1011 (BM #11)
N: 38,764.8441, E: 38,470.7351
Set 3' "T" Post
1. 65' NW of top of bank of the East Branch Chisholm Creek.
2. ±15' SE of fence line.
3. 558' NE to Heartland Preparedness Center Plat Corner #22.

Pt. No. 1012 (BM #12)
N: 38,435.1841, E: 38,213.0538
Set 3' "T" Post
1. ±45' N. of N. top of bank of the East Branch Chisholm Creek.
2. In fence line.
3. 12' E. to NUSTAR Pipeline Marker.

Pt. No. 1013 (BM #13)
N: 39,613.9740, E: 39,542.4387
Set 3' "T" Post
1. N. side of the East Branch Chisholm Creek near SE corner of Heartland Preparedness Center Plat.
2. ±50' NW of Heartland Preparedness Center Plat corner #24.

Pt. No. 1014 (BM #14)
N: 38,572.1041, E: 38,657.7423
Set 3' "T" Post
1. In NW corner of Lot 7, Block 1, Power C.D.C. 3rd Addition.
2. 30' NE to SSMH #5650-013.
3. In line with small Elm row to the S.

Pt. No. 1015
N: 39,463.7320, E: 39,740.5822
Set #4 Bar
1. NW corner of Grove Park.
2. ±36' N. to the S. top of bank of East Branch Chisholm Creek.
3. ±16' W to center of Pine Tree row to S.
4. In line with sidewalk to S.
5. ±86' E. to BM #15

Pt. No. 1016
N: 38,986.2814, E: 39,744.0955
Set #4 Bar
1. At E. of sidewalk on W. side of Grove Park.
2. Adjacent to center court line of Basketball Court.
3. BM #16 on E. edge of sidewalk, adjacent to CP.

Pt. No. 1017
N: 38,582.6738, E: 39,735.9824
Set #4 Bar
1. ±36' E. of the center of Spruce.
2. ±25' N. of the N. line of 2756 N. Spruce.

Pt. No. 1018
N: 38,588.2996, E: 40,047.2579
Found #4 Bar with cap "Baughman"
1. SE corner of Grove and 27th St. N.

No.	Revision	By	Date

HEARTLAND PREPAREDNESS CENTER
LATERAL 127, SS #23

HORIZONTAL AND VERTICAL CONTROL

JAMES L. ARMOUR, P.E. – CITY ENGINEER
CITY OF WICHITA PROJECT NO. 468-84675

Professional Engineering Consultants, P.A.
303 S. TOPEKA • WICHITA, KANSAS 67202
316-262-2691 • FAX 316-262-3003

Designed by	MDK	Job No.	35-09307-259
Drawn by	JLM	Date	January 2010

Sht. 3 of 12

Saved 06-30-2010 8:57:22 AM by JLM
Plot Scale: 1:250 07-01-2010 11:07:57 AM by JLM
Q:\2009\09307\000\SS\09307-C-SSHControl