




 SCALE: 1" = 150'

CONTROL POINTS 9999

Pt. #251 N-1,684,279.7861, E-1,650,649.4867
 Found Chiseled "+" South of the Right of Way of Waterman St. at the East Right of Way of Commerce St.

Pt. #252 N-1,684,339.0823, E-1,650,478.9397
 Set Chiseled "+"
 No Ties Taken

Pt. #253 N-1,684,333.8372, E-1,650,098.2059
 Set 60d Nail in the Concrete Joint of the Sidewalk on the Northeast Corner of Waterman St. and Emporia St. 3.0' S to the Back of Curb of Waterman St. 16.0' W to the Back of Curb of Emporia St.

Pt. #254 N-1,684,326.5000, E-1,649,717.4953
 Set 60d Nail in the Concrete Joint of the Sidewalk on the Northeast Corner of Waterman St. and Topeka St. 1.7' S to the Back of Curb of Waterman St. 10.4' W to the Back of Curb of Topeka St.

Pt. #255 N-1,684,320.1507, E-1,649,334.5174
 Set Mag. Nail at the Midpoint of the Back of Curb at the Northeast corner of Waterman St. and Broadway Ave. 7.5' S and 3.0' W of Traffic Signal Base

Pt. #256 N-1,684,310.3794, E-1,648,966.0369
 Set 60d Nail in the Concrete Joint at the Northeast Corner of Waterman St. and Market St. 2.5' S to the Back of Curb of Waterman St. 8.5' W to the Back of Curb of Market St.

Pt. #257 N-1,684,305.2410, E-1,648,580.6820
 Set Mag. Nail in the Concrete Joint of the Flowline of the Curb at the Midpoint of the Curve at the Northeast Corner of Waterman St. and Main St. 4.0' S to the Back of Curb of Waterman St. 1.0' W to the Back of Curb of Main St.

Pt. #260 N-1,684,269.4780, E-1,649,497.2524
 Set 60d Nail in the Concrete Joint North of the South Curb line of Waterman St. on the East Edge of the Alley West of Topeka St.

Pt. #300 N-1,684,420.0038, E-1,651,951.2221
 Mag. Nail in the Concrete Joint at the Northwest Corner of Waterman St. and Washington St. 2.5' E and 0.5' S South of the South east Corner Brick Building

Pt. #301 N-1,684,407.5324, E-1,651,785.7849
 Chiseled "+" on the Northeast Corner of the Area Inlet on the North Side of Waterman St. 10.0' S of the Southeast Corner of the Brick Building West Side of the Alley West of Washington St.

Pt. #302 N-1,684,400.5685, E-1,651,603.3677
 Chiseled "+" on the Concrete Pavement 10.0' W of the West rail on the Railroad 8.4' N of the North Edge of the Concrete Pavement of Waterman St. 100± East of Rock Island St.

Pt. #303 N-1,684,319.3098, E-1,651,401.2938
 60d Nail in the Concrete Joint Located at the High Edge of the Curb of the Median at the Entrance to the Bus Maintenance Facility South of Waterman St. and 25± W of Rock Island St.

Pt. #304 N-1,684,380.6499, E-1,651,199.4099
 60d Nail in the Sidewalk Joint at the Northwest Corner of Waterman St. and the Parking Lot Access Road. East of the BNSF Railroad and West of the Building at 800 E. Waterman St. 1.8' S of the Back of the Sidewalk 11.0' W of the West Curb Line

BENCH MARKS BM#9999

BM#1 - Chiseled square on the Southwest corner of the curb inlet on the North side of Waterman Street on the West side of the Railroad track bridge.
 Elev.= 1294.96

BM#1A - Chiseled square on the West top of curb of the roadway along the West side of the building at 800 E. Waterman Street, opposite a 20' Cottonwood, 73' North of the North curb line of Waterman Street.
 Elev.= 1297.89

BM#1B - Chiseled square on the footing, level with the ground at the Southwest corner of the loading dock, located on the South side of a building at 906 E. Waterman Street
 Elev.= 1296.64

BM#1C - Chiseled square on the top of curb at the North end of the curb return at the Northeast corner of Waterman Street and Washington Street.
 Elev.= 1294.95

BM#2 - Chiseled square on the West edge of the concrete parking lot on the South side of the concrete drive 25± North of the Northeast corner of Waterman Street and St. Francis Street.
 Elev.= 1296.05

BM#3 - Chiseled square on the Southwest corner on the concrete slab sign base at the Northwest corner of Waterman Street and Emporia Street.
 Elev.= 1294.80

BM#3A - Chiseled square on the concrete base for the cross walk signal pole at the Southwest corner of Emporia Street and English Street.
 Elev.= 1294.71

BM#4 - Chiseled square on the East end of the concrete island at the "Bank of America" ATM on the Southwest corner of Waterman Street and Topeka Street.
 Elev.= 1297.95

BM#5 - Chiseled square on the West top of curb on Broadway Avenue 100± South of the centerline of Waterman Street on the South side of McDonald's entrance.
 Elev.= 1297.00

BM#6 - Chiseled square on the East curb on Market Street 60.00' North of the North curb line on Waterman Street.
 Elev.= 1297.69

BM#7 - Chiseled square on the top of curb on the Southwest corner of the Century II parking lot on the Northwest corner of Waterman Street and Main Street.
 Elev.= 1298.52

S:\2007-02-26-2007-447-04 PM by REJ
 Plot Scale 1:150 02-27-2007 11:31:01 AM by REJ
 J:\SEN\001\2006\06237\2007-02-28 Final to DWM\DWG\WDS-Horizontal-VerticalControl

No.	Revision	By	Date
SOUTHEAST 48" WATERLINE - PHASE 1B			
HORIZONTAL AND VERTICAL CONTROL			
JAMES L. ARMOUR, P.E. - CITY ENGINEER CITY OF WICHITA PROJECT NO. 448-90182 Professional Engineering Consultants, P.A. 303 S. TOPEKA • WICHITA, KANSAS 67202 316-262-2691 • FAX 316-262-3003			
Designed by	MDK	Job No.	35-05787-001-42
Drawn by	JAN	Date	March 2006
			Sht. W3 of 31