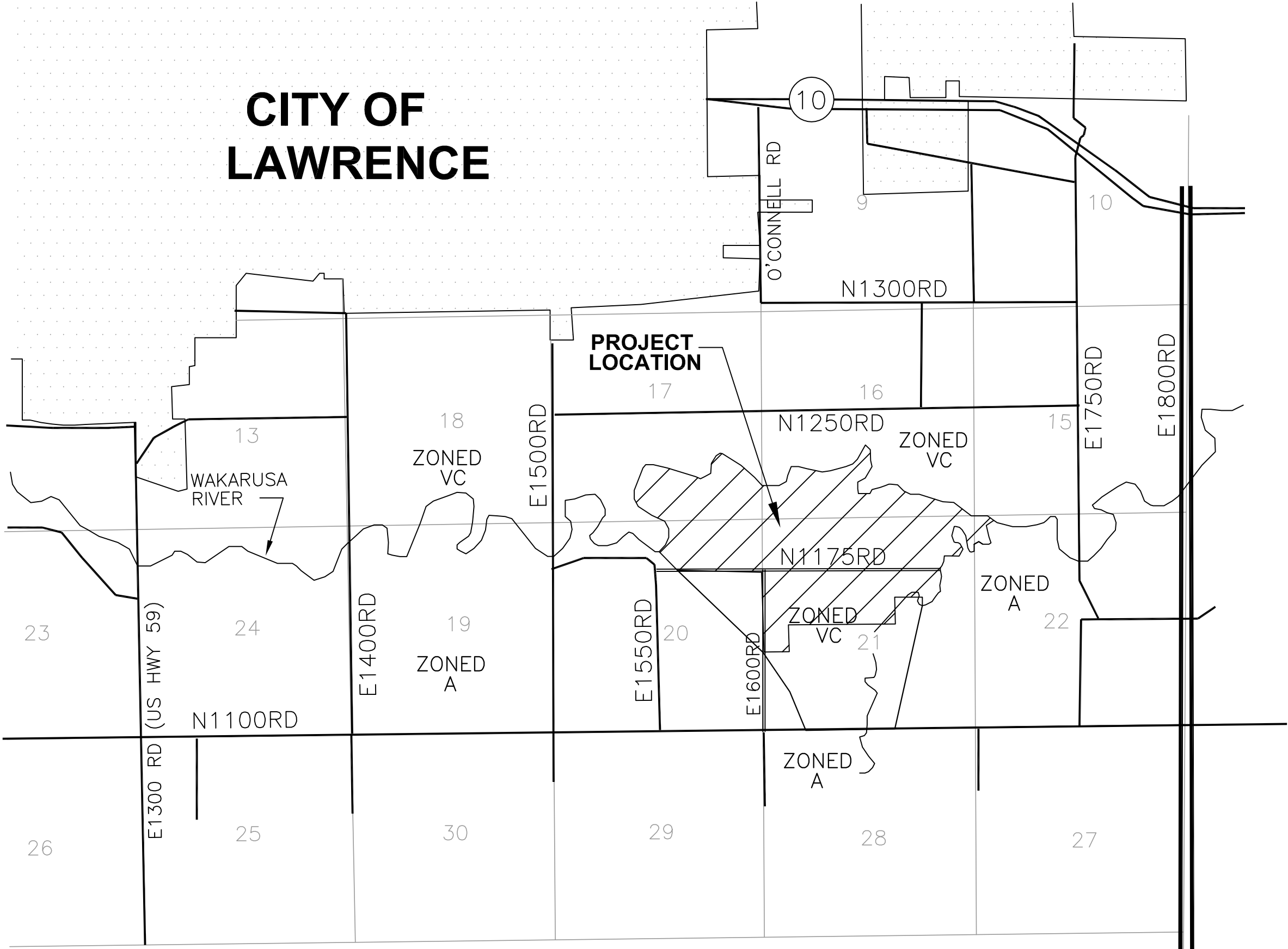


LEGAL DESCRIPTION

A tract of land in the Sections 15, 16, 17, 20, 21 and 22 Township 13 South, Range 20 East of the 6th P.M. all in Douglas County, Kansas and being more particularly described as follows:

Beginning at the Southwest corner of the Northwest Quarter of said Section 21; Thence on Azimuth (ASSUMED) 358 degrees 38 minutes 13 seconds coincident with the West line of the South one half of the Northwest Quarter of said Section 21 a distance of 1329.24 feet to the Northwest corner of the Southwest Quarter of the Northwest Quarter; thence on Azimuth 268 degrees 17 minutes 25 seconds coincident with the South line of the North on half of the Northeast Quarter of said Section 20, 1995.50 feet to the intersection of the said South line and the Easterly Right-of-Way line of the Atchison, Topeka and Santa Fe Railroad; thence on Azimuth 316 Degrees 18 Minutes 34 Seconds coincident with the Easterly Right-of-Way line of said Atchison, Topeka and Santa Fe Railroad, 740.93 feet to a point in the center of Wakarusa Creek said point being 1874.56? North and 147.45 feet East of the Northwest corner of the Southwest Quarter of said Section 20; thence along the centerline of said Wakarusa Creek the following courses on Azimuth 38 Degrees 46 Minutes 26 Seconds, 119.71 feet; Azimuth 14 Degrees 39 Minutes 57 Seconds, 181.49 feet, Azimuth 352 Degrees 54 Minutes 27 Seconds, 140.41 feet, Azimuth 357 Degrees 02 Minutes 28 Seconds, 58.34 feet; Azimuth 338 Degrees 22 Minutes 20 Seconds, 155.59 feet; Azimuth 299 Degrees 12 Minutes 58 Seconds, 239.18 feet; Azimuth 288 Degrees 09 Minutes 29 Seconds, 508.82 feet; Azimuth 308 Degrees 03 Minutes 01 Seconds, 183.22 feet; Azimuth 344 Degrees 34 Minutes 12 Seconds, 208.25 feet; Azimuth 04 Degrees 43 Minutes 31 Seconds, 259.13 feet; Azimuth 25 Degrees 40 Minutes 26 Seconds, 571.74 feet; Azimuth 50 Degrees 36 Minutes 10 Seconds, 145.11 feet; Azimuth 65 Degrees 49 Minutes 29 Seconds, 160.36 feet; Azimuth 115 Degrees 40 Minutes 26 Seconds, 131.87 feet to a point on the west line of the Southeast Quarter of said Section 17 that is 1350.68 feet South of the Northwest Corner of the Southeast Quarter of said Section 17; Azimuth 115 degrees 40 minutes 26 seconds, 45.95 feet; Azimuth 154 Degrees 24 Minutes 56 Seconds, 218.19 feet; Azimuth 117 Degrees 48 Minutes 49 Seconds, 144.20 feet; Azimuth 101 Degrees 10 Minutes 56 Seconds, 626.78 feet; Azimuth 95 Degrees 14 Minutes 18 Seconds, 250.94 feet; Azimuth 62 Degrees 16 Minutes 33 Seconds, 244.62 feet; Azimuth 357 Degrees 17 Minutes 40 Seconds, 270.80 feet; Azimuth 27 Degrees 28 Minutes 10 Seconds, 55.36 feet; Azimuth 8 Degrees 51 Minutes 44 Seconds, 128.16 feet; Azimuth 28 Degrees 57 Minutes 54 Seconds, 212.15 feet; Azimuth 79 Degrees 57 Minutes 31 Seconds, 171.56 feet; Azimuth 132 Degrees 50 Minutes 55 Seconds, 966.63 feet; Azimuth 123 Degrees 44 Minutes 05 Seconds, 271.22 feet; Azimuth 112 Degrees 10 Minutes 41 Seconds, 84.64 feet to a point on the West line of the Southwest Quarter of said Section 16 that is 729.51 feet North of the Southwest corner of the Southwest Quarter of said Section 16; Azimuth 112 degrees 10 minutes 41 seconds, 283.72 feet; Azimuth 93 Degrees 10 Minutes 08 Seconds, 256.15 feet; Azimuth 45 Degrees 43 Minutes 31 Seconds, 137.33 feet; Azimuth 03 Degrees 03 Minutes 00 Seconds, 397.35 feet; Azimuth 24 Degrees 24 Minutes 21 Seconds, 101.45 feet; Azimuth 57 Degrees 47 Minutes 48 Seconds, 103.83 feet; Azimuth 93 degrees 08 minutes 40 seconds, 187.24 feet; Azimuth 104 Degrees 00 Minutes 21 Seconds, 125.23 feet; Azimuth 120 Degrees 08 Minutes 23 Seconds, 163.68 feet; Azimuth 100 Degrees 30 Minutes 17 Seconds, 271.34 feet; Azimuth 89 Degrees 07 Minutes 24 Seconds, 146.68 feet; Azimuth 72 Degrees 36 Minutes 50 Seconds, 588.38 feet; Azimuth 35 Degrees 12 Minutes 58 Seconds, 222.90 feet; Azimuth 20 Degrees 57 Minutes 08 Seconds, 295.71 feet; Azimuth 110 Degrees 06 Minutes 36 Seconds, 207.20 feet; Azimuth 145 Degrees 20 Minutes 43 Seconds, 161.75 feet; Azimuth 168 Degrees 43 Minutes 17 Seconds, 348.65 feet; Azimuth 212 Degrees 39 Minutes 54 Seconds, 197.87 feet; Azimuth 239 Degrees 54 Minutes 47 Seconds, 457.95 feet; Azimuth 143 Degrees 42 Minutes 27 Seconds, 324.61 feet; Azimuth 107 Degrees 16 Minutes 31 Seconds, 210.51 feet to a point on the East line of the Southwest Quarter of said Section 16 that is 410.55 feet North of the Southeast corner of the Southwest Quarter of said Section 16; Azimuth 107 degrees 16 minutes 31 seconds, 33.40 feet; Azimuth 30 Degrees 13 Minutes 47 Seconds, 452.49 feet; Azimuth 61 Degrees 19 Minutes 58 Seconds, 267.27 feet; Azimuth 130 Degrees 43 Minutes 23 Seconds, 586.28 feet; Azimuth 108 Degrees 57 Minutes 25 Seconds, 528.35 feet; Azimuth 74 Degrees 44 Minutes 22 Seconds, 328.99 feet; Azimuth 109 Degrees 37 Minutes 56 Seconds, 692.60 feet; Azimuth 102 Degrees 11 Minutes 26 Seconds, 292.24 feet to a point that is 2689.35 feet South of the Northeast Corner of the Southeast Quarter of said Section 16; Azimuth 102 Degrees 11 Minutes 26 Seconds, 198.78 feet; Azimuth 118 Degrees 06 Minutes 16 Seconds, 391.19 feet to the intersection of the center of said Wakarusa River and the centerline of Coal Creek; said point being 311.41 feet East and 130.43 feet South of the Northwest corner of the Northwest Quarter of said Section 22; thence coincident with the Centerline of said Coal Creek the following courses Azimuth 235 Degrees 38 Minutes 23 Seconds, 270.07 feet; Azimuth 184 Degrees 10 Minutes 55 Seconds, 119.66 feet; Azimuth 147 Degrees 14 Minutes 14 Seconds, 129.08 feet; Azimuth 128 Degrees 31 Minutes 17 Seconds, 157.83 feet; Azimuth 198 Degrees 46 Minutes 57 Seconds, 59.48 feet; Azimuth 243 Degrees 32 Minutes 06 Seconds, 78.10 feet; Azimuth 305 Degrees 27 Minutes 34 Seconds, 172.37 feet; Azimuth 271 Degrees 39 Minutes 27 Seconds, 50.59 feet; Azimuth 237 Degrees 32 Minutes 25 Seconds, 122.76 feet; Azimuth 205 Degrees 08 Minutes 56 Seconds, 119.11 feet; Azimuth 207 Degrees 27 Minutes 41 Seconds, 119.91 feet; Azimuth 259 Degrees 12 Minutes 10 Seconds, 76.69 feet; Azimuth 329 Degrees 30 Minutes 24 Seconds, 122.25 feet; Azimuth 350 Degrees 30 Minutes 54 Seconds, 348.61 feet; Azimuth 324 Degrees 51 Minutes 13 Seconds, 191.59 feet; Azimuth 304 Degrees 37 Minutes 24 Seconds, 100.00 feet; Azimuth 269 Degrees 06 Minutes 33 Seconds, 83.10 feet; Azimuth 195 Degrees 47 Minutes 33 Seconds, 265.35 feet; Azimuth 149 Degrees 53 Minutes 25 Seconds, 157.73 feet; Azimuth 107 Degrees 40 Minutes 03 Seconds, 122.69 feet; Azimuth 150 Degrees 17 Minutes 58 Seconds, 152.83 feet; Azimuth 207 Degrees 26 Minutes 14 Seconds, 205.22 feet; Azimuth 270 Degrees 21 Minutes 43 Seconds, 131.94 feet; Azimuth 273 Degrees 48 Minutes 01 Seconds, 156.87 feet; Azimuth 253 Degrees 54 Minutes 54 Seconds, 67.00 feet; Azimuth 195 Degrees 58 Minutes 39 Seconds, 181.18 feet; Azimuth 209 Degrees 10 Minutes 42 Seconds, 166.77 feet; Azimuth 158 Degrees 22 Minutes 51 Seconds, 189.61 feet; Azimuth 189 Degrees 09 Minutes 16 Seconds, 141.28 feet; Azimuth 201 Degrees 46 Minutes 46 Seconds, 139.14 feet; Azimuth 170 Degrees 14 Minutes 55 Seconds, 129.38 feet; Azimuth 223 Degrees 40 Minutes 54 Seconds, 253.19 feet; Azimuth 210 Degrees 35 Minutes 10 Seconds, 108.52 feet; Azimuth 242 Degrees 17 Minutes 50 Seconds, 184.61 feet; Azimuth 276 Degrees 08 Minutes 14 Seconds, 62.27 feet to a point on the West line of the Southeast Quarter of the Northeast Quarter of said Section 21 that is 1346.08 feet West and 444.86 feet North of the Southwest corner of the Northeast Quarter of said Section 21; Thence on Azimuth 358 Degrees 19 Minutes 57 Seconds, coincident with the West line of the Southeast Quarter of the Northeast Quarter of said Section 21, 213.72 feet to the Southeast corner of the Northeast Quarter of the Southwest Quarter of the Northeast Quarter of said Section 21; Thence on Azimuth 269 Degrees 04 Minutes 21 Seconds coincident with the South line of Northeast Quarter of the Southwest Quarter of the Northeast Quarter of said section 21, 672.64 feet to the Southwest Corner of Northeast Quarter of the Southwest Quarter of the Northeast Quarter of said Section 21; thence on Azimuth 178 Degrees 22 Minutes 05 Seconds coincident with the East line of the Southwest Quarter of the Southwest Quarter of the Northeast Quarter of said Section 21, 658.84 feet to the Southeast corner of the Southwest Quarter of the Southwest Quarter of the Northeast Quarter of said Section 21; thence on Azimuth 269 Degrees 01 Minutes 43 Seconds coincident with the South line of Southwest Quarter of the Southwest Quarter of the Northeast Quarter of said Section 21 673.04 feet to the Southwest corner of the Southwest Quarter of the Northeast Quarter of said section 21; thence on Azimuth 269 Degrees 00 Minutes 44 Seconds coincident with the South line of the South one half of the Northwest Quarter of said section 21, 2021.44 feet to the Northeast corner of the Northwest Quarter of the Northwest Quarter of the Southwest Quarter of said Section 21; thence on Azimuth 178 Degrees 40 Minutes 07 Seconds coincident with the East line of Northwest Quarter of the Northwest Quarter of the Southwest Quarter of said Section 21 663.76 feet to the Southeast corner of the Northwest Quarter of the Northwest Quarter of the Southwest Quarter of said Section 21; thence on Azimuth 268 Degrees 56 Minutes 48 Seconds coincident with the South line of the Northwest Quarter of the Northwest Quarter of the Southwest Quarter of said Section 21, 673.15 feet to the Southwest corner of the Northwest Quarter of the Northwest Quarter of the Southwest Quarter of said Section 21; thence on Azimuth 358 Degrees 39 Minutes 47 Seconds coincident with the West line of the Northwest Quarter of the Northwest Quarter of the Southwest Quarter of said Section 21, 664.56 feet to the Point of Beginning containing 536.88 acres more or less and being subject to any easements, restrictions, right-of-ways, covenants or conditions, if any, now of record.

PRELIMINARY PLAT
OF
WAKARUSA WATER RECLAMATION FACILITY
ADDITION



LOCATION MAP
NOT TO SCALE

SITE SUMMARY

LOT 1
GROSS AREA: 536.88 ACRES

ANNOTATIONS

R/W - RIGHT-OF-WAY
U/E - UTILITY EASEMENT
(R) - RECORD
(M) - MEASURED
(CM) - CALCULATED FROM MEASUREMENTS

GENERAL NOTES

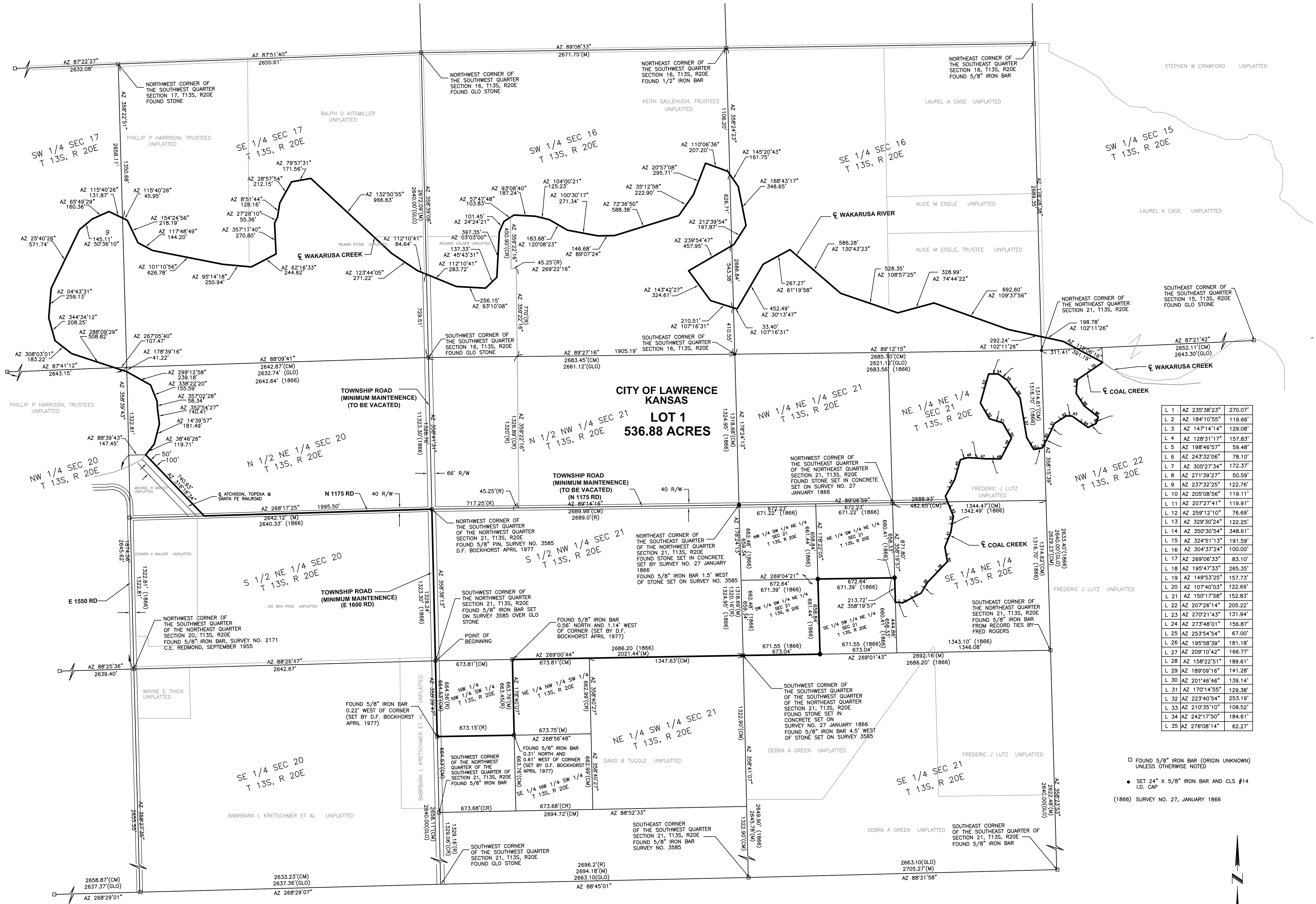
- DEVELOPER/APPLICANT:
CITY OF LAWRENCE
DAVE WAGNER
DEPARTMENT OF UTILITIES
6 EAST 6TH STREET
LAWRENCE, KANSAS 66044
- LANDPLANNER:
BARTLETT AND WEST ENGINEERS, INC.,
628 VERMONT STREET,
LAWRENCE, KANSAS 66044-2252
- TOPOGRAPHY PROVIDED BY:
GENE WAINNER
BARTLETT AND WEST ENGINEERS, INC.,
628 VERMONT STREET
LAWRENCE, KANSAS 66044-2252
- EXISTING ZONING: VC
- EXISTING LAND USE: AGRICULTURAL
- PENDING ZONING: GPI
- PROPOSED LAND USE: PUBLIC FACILITY
- TYPICAL SOIL TYPE: KB--KENEBC SILT LOAM
KC--KENEBC SOILS CHANNELED
RE--READING SILT LOAM
WH--WABASH SILTY CLAY
WS--WOODSON SILT LOAM
1 TO 3 PERCENT SLOPES

LEGEND

BARTLETT & WEST
ENGINEERS
628 VERMONT STREET - LAWRENCE, KS 66044
PHONE 785-843-5961
WWW.BARTWEST.COM

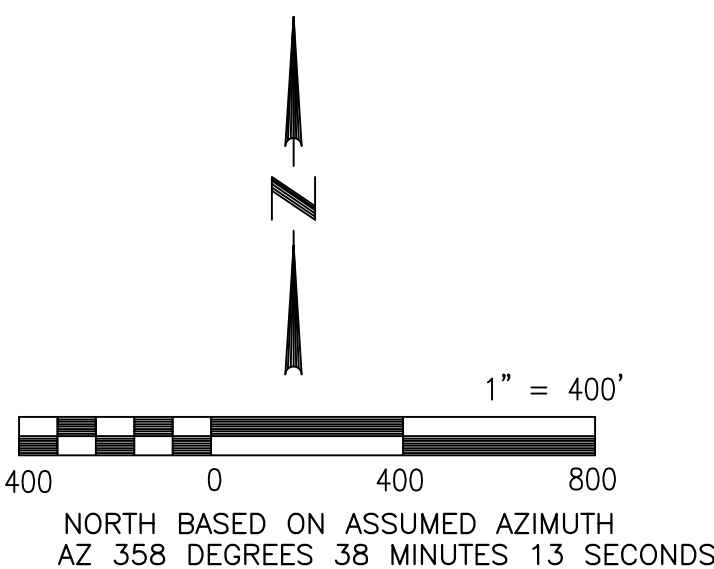
PRELIMINARY PLAT
WAKARUSA WATER RECLAMATION
FACILITY ADDITION
CITY OF LAWRENCE
DOUGLAS COUNTY, KANSAS

DESIGNED BY:	DRA
DRAWN BY:	JRW
APPROVED BY:	JGC
DESIGN PROJ:	14507.001
CONST PROJ:	---
SCALE:	NTS
DATE:	MARCH 2007
DRAWING NO:	PP 01
SHEET NO:	1 of 2



L 1	AZ 235°38'23"	270.07'
L 2	AZ 184°10'55"	119.66'
L 3	AZ 147°14'14"	129.08'
L 4	AZ 128°31'17"	157.83'
L 5	AZ 198°46'57"	59.48'
L 6	AZ 243°32'06"	78.10'
L 7	AZ 305°27'34"	172.37'
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L 35	AZ 276°08'14"	62.27'

- FOUND 5/8" IRON BAR (ORIGIN UNKNOWN) UNLESS OTHERWISE NOTED
- SET 24" X 5/8" IRON BAR AND CLS #14 I.D. CAP
- (1866) SURVEY NO. 27, JANUARY 1866



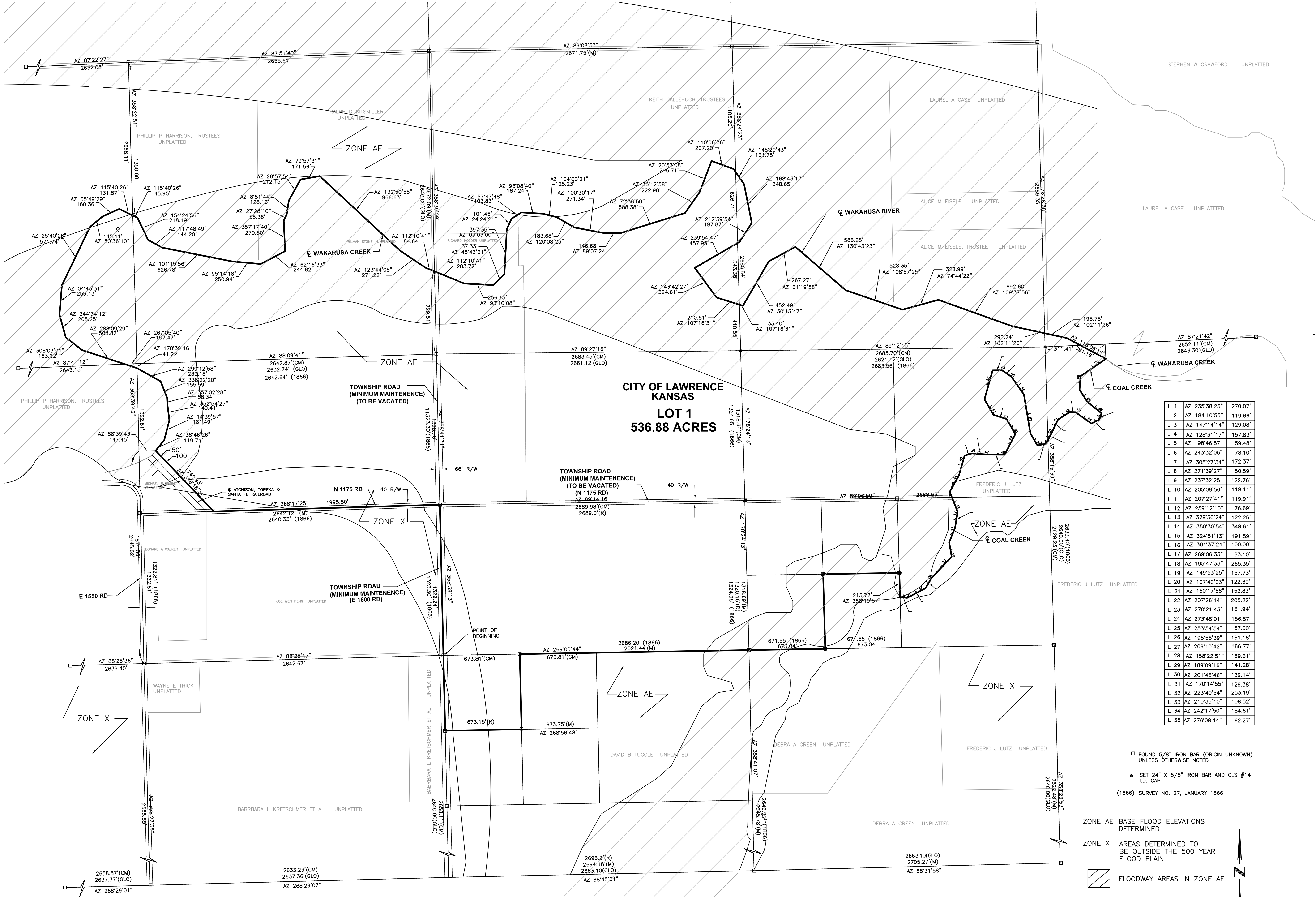
BARTLETT & WEST
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WWW.BARTLETTWEST.COM

PRELIMINARY PLAT
WAKARUSA WATER RECLAMATION
FACILITY ADDITION
CITY OF LAWRENCE
DOUGLAS COUNTY, KANSAS

DESIGNED BY: DRA
DRAWN BY: JRW
APPROVED BY: JGC
DESIGN PROJ: 14507.001
CONST PROJ: ---
SCALE: 1" = 400'
DATE: MARCH 2007
DRAWING NO: **PP 02**
SHEET NO: 2 of 2

Drawing name: F:\14000\14507\14507.001\AutoCad\Plan Set (rename as needed)\14507.001 v01 prelim plat.dwg Layout name: plat 3 Plotted by: JRW00381 Plotted on: May 11, 2007 - 9:29am

Last edit on: Jan 18, 2006



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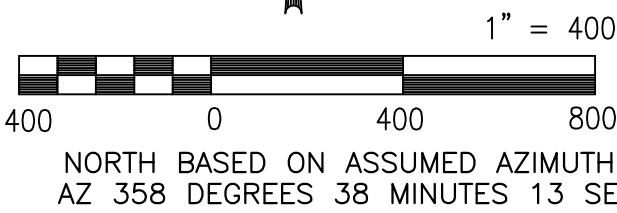
● SET 24" X 5/8" IRON BAR AND CLS #14
I.D. CAP

(1866) SURVEY NO. 27, JANUARY 1866

ZONE AE BASE FLOOD ELEVATIONS
DETERMINED

ZONE X AREAS DETERMINED TO
BE OUTSIDE THE 500 YEAR
FLOOD PLAIN

FLOODWAY AREAS IN ZONE AE



BARTLETT & WEST
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638 VERMONT STREET - LAWRENCE, KS 66044
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