

# FINAL PLAT

OF

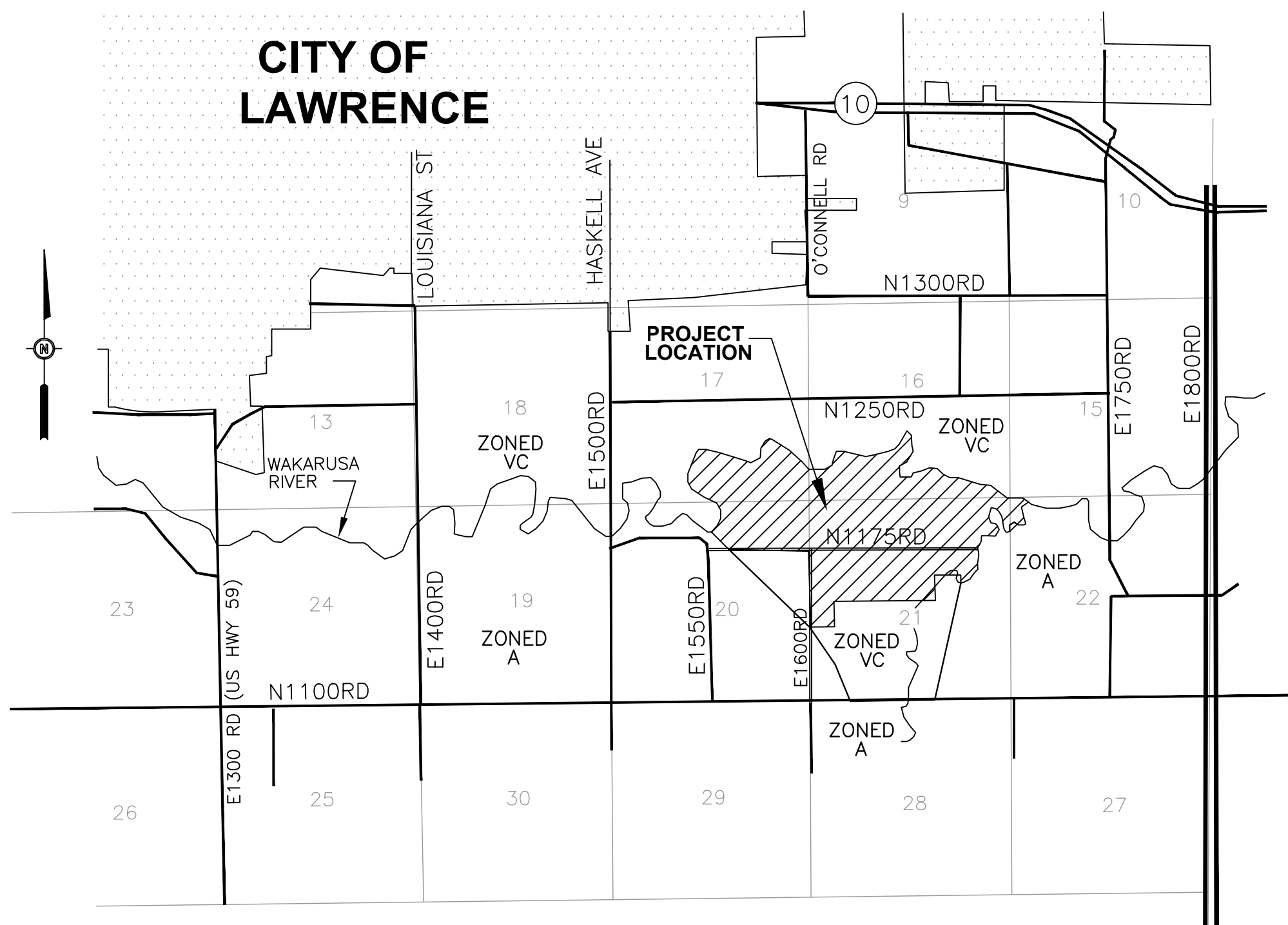
# WAKARUSA WASTEWATER TREATMENT PLANT ADDITION

## 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 10 SECONDS, COINCIDENT WITH THE WEST LINE OF THE SOUTH ONE HALF OF THE NORTHWEST QUARTER OF SAID SECTION 21, A DISTANCE OF 1329.28 FEET TO THE NORTHWEST CORNER OF THE SOUTHWEST QUARTER OF THE NORTHWEST QUARTER; THENCE ON AZIMUTH 268 DEGREES 24 MINUTES 35 SECONDS, COINCIDENT WITH THE SOUTH LINE OF THE NORTH HALF OF THE NORTHEAST QUARTER OF SAID SECTION 20, 1996.74 FEET TO THE EAST RIGHT OF WAY LINE OF THE ABANDONED ATCHISON, TOPEKA AND SANTA FE RAILROAD; THENCE ON AZIMUTH 316 DEGREES 06 MINUTES 45 SECONDS, COINCIDENT WITH SAID RIGHT OF WAY LINE, 736.98 FEET TO A POINT IN THE CENTER OF THE WAKARUSA RIVER; THENCE ALONG THE CENTERLINE OF SAID WAKARUSA RIVER THE FOLLOWING COURSES: AZIMUTH 38 DEGREES 46 MINUTES 23 SECONDS, 120.31 FEET; AZIMUTH 14 DEGREES 39 MINUTES 54 SECONDS, 181.49 FEET; AZIMUTH 352 DEGREES 54 MINUTES 24 SECONDS, 140.42 FEET; AZIMUTH 357 DEGREES 02 MINUTES 25 SECONDS, 58.35 FEET; AZIMUTH 338 DEGREES 22 MINUTES 17 SECONDS, 155.59 FEET; AZIMUTH 299 DEGREES 12 MINUTES 56 SECONDS, 239.19 FEET; AZIMUTH 288 DEGREES 09 MINUTES 26 SECONDS, 508.84 FEET; AZIMUTH 308 DEGREES 02 MINUTES 58 SECONDS, 183.22 FEET; AZIMUTH 344 DEGREES 34 MINUTES 10 SECONDS, 208.25 FEET; AZIMUTH 04 DEGREES 43 MINUTES 28 SECONDS, 259.14 FEET; AZIMUTH 25 DEGREES 40 MINUTES 24 SECONDS, 571.76 FEET; AZIMUTH 50 DEGREES 36 MINUTES 08 SECONDS, 145.12 FEET; AZIMUTH 65 DEGREES 49 MINUTES 26 SECONDS, 160.37 FEET; AZIMUTH 115 DEGREES 40 MINUTES 23 SECONDS, 125.95 FEET TO A POINT ON THE WEST LINE OF THE SOUTHEAST QUARTER OF SAID SECTION 17 THAT IS 1348.02 FEET SOUTH OF THE NORTHWEST CORNER OF THE SOUTHEAST QUARTER OF SAID SECTION 17; AZIMUTH 115 DEGREES 40 MINUTES 23 SECONDS, 51.87 FEET; AZIMUTH 154 DEGREES 24 MINUTES 53 SECONDS, 218.20 FEET; AZIMUTH 117 DEGREES 48 MINUTES 46 SECONDS, 144.21 FEET; AZIMUTH 101 DEGREES 10 MINUTES 53 SECONDS, 626.80 FEET; AZIMUTH 95 DEGREES 14 MINUTES 16 SECONDS, 250.95 FEET; AZIMUTH 62 DEGREES 16 MINUTES 30 SECONDS, 244.63 FEET; AZIMUTH 357 DEGREES 17 MINUTES 37 SECONDS, 270.81 FEET; AZIMUTH 27 DEGREES 28 MINUTES 07 SECONDS, 55.36 FEET; AZIMUTH 8 DEGREES 51 MINUTES 41 SECONDS, 128.17 FEET; AZIMUTH 28 DEGREES 57 MINUTES 51 SECONDS, 212.15 FEET; AZIMUTH 79 DEGREES 57 MINUTES 28 SECONDS, 171.57 FEET; AZIMUTH 132 DEGREES 50 MINUTES 52 SECONDS, 966.66 FEET; AZIMUTH 123 DEGREES 44 MINUTES 02 SECONDS, 271.13 FEET; AZIMUTH 112 DEGREES 10 MINUTES 38 SECONDS, 84.64 FEET TO A POINT ON THE WEST LINE OF THE SOUTHWEST QUARTER OF SAID SECTION 16 THAT IS 729.53 FEET NORTH OF THE SOUTHWEST CORNER OF THE SOUTHWEST QUARTER OF SAID SECTION 16; AZIMUTH 112 DEGREES 10 MINUTES 38 SECONDS, 283.72 FEET; AZIMUTH 93 DEGREES 10 MINUTES 05 SECONDS, 256.16 FEET; AZIMUTH 45 DEGREES 43 MINUTES 28 SECONDS, 137.33 FEET; AZIMUTH 38 DEGREES 02 MINUTES 57 SECONDS, 397.36 FEET; AZIMUTH 24 DEGREES 24 MINUTES 18 SECONDS, 101.45 FEET; AZIMUTH 57 DEGREES 47 MINUTES 45 SECONDS, 103.83 FEET; AZIMUTH 93 DEGREES 08 MINUTES 38 SECONDS, 187.24 FEET; AZIMUTH 104 DEGREES 00 MINUTES 19 SECONDS, 125.23 FEET; AZIMUTH 120 DEGREES 08 MINUTES 20 SECONDS, 183.69 FEET; AZIMUTH 100 DEGREES 30 MINUTES 14 SECONDS, 271.35 FEET; AZIMUTH 89 DEGREES 07 MINUTES 22 SECONDS, 146.69 FEET; AZIMUTH 72 DEGREES 36 MINUTES 48 SECONDS, 588.40 FEET; AZIMUTH 35 DEGREES 12 MINUTES 55 SECONDS, 222.90 FEET; AZIMUTH 20 DEGREES 57 MINUTES 05 SECONDS, 295.72 FEET; AZIMUTH 110 DEGREES 06 MINUTES 34 SECONDS, 207.21 FEET; AZIMUTH 145 DEGREES 20 MINUTES 40 SECONDS, 161.76 FEET; AZIMUTH 168 DEGREES 43 MINUTES 15 SECONDS, 348.66 FEET; AZIMUTH 212 DEGREES 39 MINUTES 51 SECONDS, 197.88 FEET; AZIMUTH 239 DEGREES 54 MINUTES 44 SECONDS, 457.96 FEET; AZIMUTH 143 DEGREES 42 MINUTES 25 SECONDS, 324.62 FEET; AZIMUTH 107 DEGREES 16 MINUTES 29 SECONDS, 210.48 FEET TO A POINT ON THE EAST LINE OF THE SOUTHWEST QUARTER OF SAID SECTION 16 THAT IS 410.57 FEET NORTH OF THE SOUTHEAST CORNER OF THE SOUTHWEST QUARTER OF SAID SECTION 16; AZIMUTH 107 DEGREES 16 MINUTES 29 SECONDS, 33.44 FEET; AZIMUTH 30 DEGREES 13 MINUTES 44 SECONDS, 452.51 FEET; AZIMUTH 61 DEGREES 19 MINUTES 56 SECONDS, 267.28 FEET; AZIMUTH 130 DEGREES 43 MINUTES 20 SECONDS, 586.30 FEET; AZIMUTH 108 DEGREES 57 MINUTES 22 SECONDS, 528.37 FEET; AZIMUTH 74 DEGREES 44 MINUTES 20 SECONDS, 329.00 FEET; AZIMUTH 109 DEGREES 37 MINUTES 54 SECONDS, 692.62 FEET; AZIMUTH 102 DEGREES 11 MINUTES 23 SECONDS, 292.41 FEET TO A POINT THAT IS 2568.99 FEET SOUTH OF THE NORTHEAST CORNER OF THE SOUTHEAST QUARTER OF SAID SECTION 16; AZIMUTH 102 DEGREES 11 MINUTES 23 SECONDS, 198.62 FEET; AZIMUTH 118 DEGREES 06 MINUTES 13 SECONDS, 391.20 FEET TO THE INTERSECTION OF THE CENTER OF SAID WAKARUSA RIVER WITH THE CENTERLINE OF COAL CREEK, SAID POINT BEING 530.73 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 20 SECONDS, 270.08 FEET; AZIMUTH 184 DEGREES 10 MINUTES 52 SECONDS, 119.67 FEET; AZIMUTH 147 DEGREES 14 MINUTES 11 SECONDS, 129.08 FEET; AZIMUTH 128 DEGREES 31 MINUTES 14 SECONDS, 157.83 FEET; AZIMUTH 198 DEGREES 46 MINUTES 55 SECONDS, 59.48 FEET; AZIMUTH 243 DEGREES 32 MINUTES 03 SECONDS, 78.10 FEET; AZIMUTH 305 DEGREES 27 MINUTES 31 SECONDS, 172.38 FEET; AZIMUTH 271 DEGREES 39 MINUTES 25 SECONDS, 50.60 FEET; AZIMUTH 237 DEGREES 32 MINUTES 23 SECONDS, 122.77 FEET; AZIMUTH 205 DEGREES 08 MINUTES 53 SECONDS, 119.12 FEET; AZIMUTH 207 DEGREES 27 MINUTES 39 SECONDS, 119.92 FEET; AZIMUTH 259 DEGREES 12 MINUTES 07 SECONDS, 76.70 FEET; AZIMUTH 329 DEGREES 30 MINUTES 22 SECONDS, 122.25 FEET; AZIMUTH 350 DEGREES 30 MINUTES 51 SECONDS, 348.62 FEET; AZIMUTH 324 DEGREES 51 MINUTES 10 SECONDS, 191.59 FEET; AZIMUTH 304 DEGREES 37 MINUTES 21 SECONDS, 100.00 FEET; AZIMUTH 269 DEGREES 06 MINUTES 31 SECONDS, 83.10 FEET; AZIMUTH 195 DEGREES 47 MINUTES 30 SECONDS, 265.36 FEET; AZIMUTH 149 DEGREES 53 MINUTES 23 SECONDS, 157.73 FEET; AZIMUTH 107 DEGREES 40 MINUTES 01 SECONDS, 122.69 FEET; AZIMUTH 150 DEGREES 17 MINUTES 55 SECONDS, 152.83 FEET; AZIMUTH 207 DEGREES 26 MINUTES 11 SECONDS, 205.22 FEET; AZIMUTH 270 DEGREES 21 MINUTES 40 SECONDS, 131.94 FEET; AZIMUTH 273 DEGREES 47 MINUTES 58 SECONDS, 156.87 FEET; AZIMUTH 253 DEGREES 54 MINUTES 52 SECONDS, 67.00 FEET; AZIMUTH 195 DEGREES 58 MINUTES 36 SECONDS, 181.19 FEET; AZIMUTH 209 DEGREES 10 MINUTES 39 SECONDS, 166.78 FEET; AZIMUTH 158 DEGREES 22 MINUTES 49 SECONDS, 189.62 FEET; AZIMUTH 189 DEGREES 08 MINUTES 13 SECONDS, 141.29 FEET; AZIMUTH 201 DEGREES 46 MINUTES 43 SECONDS, 139.14 FEET; AZIMUTH 170 DEGREES 14 MINUTES 52 SECONDS, 129.38 FEET; AZIMUTH 223 DEGREES 40 MINUTES 51 SECONDS, 253.20 FEET; AZIMUTH 210 DEGREES 35 MINUTES 07 SECONDS, 108.53 FEET; AZIMUTH 242 DEGREES 17 MINUTES 47 SECONDS, 184.62 FEET; AZIMUTH 276 DEGREES 08 MINUTES 11 SECONDS, 62.28 FEET TO A POINT ON THE WEST LINE OF THE SOUTHEAST QUARTER OF THE NORTHEAST QUARTER OF SAID SECTION 21 THAT IS 444.63 FEET NORTH OF THE SOUTHWEST CORNER OF THE SOUTHEAST QUARTER OF THE NORTHEAST QUARTER OF SAID SECTION 21; THENCE ON AZIMUTH 358 DEGREES 19 MINUTES 54 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 18 SECONDS, COINCIDENT WITH THE SOUTH LINE OF THE NORTHEAST QUARTER OF THE SOUTHWEST QUARTER OF THE NORTHEAST QUARTER OF SAID SECTION 21, 672.66 FEET TO THE SOUTHWEST CORNER OF THE NORTHEAST QUARTER OF THE SOUTHWEST QUARTER OF THE NORTHEAST QUARTER OF THE SOUTHWEST QUARTER OF THE SOUTHWEST QUARTER OF THE SOUTHWEST QUARTER OF THE NORTHEAST QUARTER OF SAID SECTION 21; THENCE ON AZIMUTH 178 DEGREES 22 MINUTES 02 SECONDS, COINCIDENT WITH THE EAST LINE OF THE SOUTHWEST QUARTER OF THE SOUTHWEST QUARTER OF THE NORTHEAST QUARTER OF SAID SECTION 21, 658.86 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 MINUTE 41 SECONDS, COINCIDENT WITH THE SOUTH LINE OF SOUTHWEST QUARTER OF THE SOUTHWEST QUARTER OF THE NORTHEAST QUARTER OF SAID SECTION 21, 673.06 FEET TO THE SOUTHWEST CORNER OF THE NORTHEAST QUARTER OF SAID SECTION 21; THENCE ON AZIMUTH 269 DEGREES 00 MINUTES 41 SECONDS, COINCIDENT WITH THE SOUTH LINE OF THE SOUTH ONE HALF OF THE NORTHWEST QUARTER OF SAID SECTION 21, 2021.51 FEET TO THE NORTHEAST CORNER OF THE NORTHWEST QUARTER OF THE SOUTHWEST QUARTER OF SAID SECTION 21; THENCE ON AZIMUTH 178 DEGREES 40 MINUTES 23 SECONDS, COINCIDENT WITH THE EAST LINE OF THE NORTHWEST QUARTER OF THE NORTHWEST QUARTER OF THE SOUTHWEST QUARTER OF SAID SECTION 21, 663.79 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 57 MINUTES 01 SECONDS, COINCIDENT WITH THE SOUTH LINE OF THE NORTHWEST QUARTER OF THE NORTHWEST QUARTER OF THE SOUTHWEST QUARTER OF SAID SECTION 21, 673.93 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 40 MINUTES 52 SECONDS, COINCIDENT WITH THE WEST LINE OF THE NORTHWEST QUARTER OF THE SOUTHWEST QUARTER OF SAID SECTION 21, 664.51 FEET TO THE POINT OF BEGINNING. CONTAINING 536.81 ACRES, MORE OR LESS, AND BEING SUBJECT TO ANY EASEMENTS, RESTRICTIONS, RIGHT-OF-WAYS, COVENANTS OR CONDITIONS, IF ANY, NOW OF RECORD.

## CITY OF LAWRENCE



## LOCATION MAP

NOT TO SCALE

## BENCHMARK

BM #1  
 "T" CUT IN CENTER WEST HEADWALL WEST SIDE OF EAST 1600 ROAD AND 40' SOUTH OF NORTH 1175 ROAD ELEV=815.45

BM #3  
 "T" CUT IN SOUTH END OF HEADWALL 21' SOUTH AND 12' EAST OF THE INTERSECTION OF NORTH 1175 ROAD AND EAST 1550 ROAD ELEV=822.88

## DEDICATION

BE IT KNOWN TO ALL MEN THAT I (WE), THE UNDERSIGNED OWNER(S) OF THE ABOVE DESCRIBED TRACT OF LAND, HAVE HAD CAUSE FOR THE SAME TO BE SURVEYED AND PLATTED UNDER THE NAME OF "WAKARUSA WASTEWATER TREATMENT PLANT ADDITION" AND HAVE CAUSED THE SAME TO BE SUBDIVIDED INTO A LOT AND STREETS, DRIVES, ROADS, ETC SHOWN ON THIS PLAT AND NOT HERETOFORE DEDICATED TO PUBLIC USE ARE HEREBY SO DEDICATED. AN EASEMENT IS HEREBY GRANTED TO THE CITY OF LAWRENCE AND PUBLIC UTILITY COMPANIES TO ENTER UPON, CONSTRUCT AND MAINTAIN UTILITIES UPON, OVER AND UNDER THOSE AREAS OUTLINED ON THIS PLAT AS "UTILITY EASEMENT" OR "U/E."

IN TESTIMONY WHEREOF: THE OWNER, THE CITY OF LAWRENCE, KANSAS, A MUNICIPAL CORPORATION, BY DAVID L. CORLISS, CITY MANAGER, THE CITY OF LAWRENCE, KANSAS, HAS CAUSED THESE PRESENTS TO BE SIGNED THIS \_\_\_\_\_ DAY OF \_\_\_\_\_, 2014.

DAVID L. CORLISS, CITY MANAGER  
 CITY OF LAWRENCE, KANSAS

## ACKNOWLEDGMENT

STATE OF KANSAS  
 COUNTY OF DOUGLAS

BE IT KNOWN ON THIS \_\_\_\_\_ DAY OF \_\_\_\_\_, 2014 BEFORE ME, THE UNDERSIGNED, A NOTARY PUBLIC, IN AND FOR SAID COUNTY AND STATE, CAME DAVID L. CORLISS, CITY MANAGER, THE CITY OF LAWRENCE, KANSAS, WHO IS PERSONALLY KNOWN TO ME TO BE THE SAME PERSON WHO EXECUTED THE FOREGOING INSTRUMENT OF WRITING AND DULY ACKNOWLEDGED THE EXECUTION OF THE SAME.

IN WITNESS WHEREOF, I HAVE HEREUNTO SET MY HAND AND AFFIXED MY SEAL ON THE DAY AND YEAR LAST WRITTEN ABOVE.

NOTARY PUBLIC \_\_\_\_\_ MY COMMISSION EXPIRES \_\_\_\_\_

## ENDORSEMENTS

LAWRENCE-DOUGLAS COUNTY PLANNING COMMISSION, DOUGLAS COUNTY, KANSAS  
 (ASSOCIATED PRELIMINARY PLAT APPROVED BY THE LAWRENCE-DOUGLAS COUNTY PLANNING COMMISSION, DOUGLAS COUNTY, KANSAS)

CHAIRMAN \_\_\_\_\_ DATE \_\_\_\_\_  
 BRYAN CULVER

RIGHTS-OF-WAY AND EASEMENTS ACCEPTED BY CITY COMMISSION LAWRENCE, KANSAS

MAYOR \_\_\_\_\_ DATE \_\_\_\_\_ ACTING CITY CLERK \_\_\_\_\_ DATE \_\_\_\_\_  
 MIKE DEVER DIANE TRYBOM

APPROVED AS A FINAL PLAT UNDER THE SUBDIVISION REGULATIONS FOR LAWRENCE AND THE UNINCORPORATED AREAS OF DOUGLAS COUNTY.

SCOTT McCULLOUGH \_\_\_\_\_ DATE \_\_\_\_\_  
 LAWRENCE-DOUGLAS COUNTY PLANNING DIRECTOR

## SURVEYOR CERTIFICATION:

I, ROBERT J. BORSICK, A PROFESSIONAL LAND SURVEYOR IN THE STATE OF KANSAS, DO HEREBY CERTIFY THAT I HAVE MADE THE HEREON DESCRIBED SURVEY ON THE GROUND ON DECEMBER 18, 2013 AND THAT SAID SURVEY MEETS OR EXCEEDS CURRENT KANSAS MINIMUM STANDARDS ADOPTED BY KANSAS STATE BOARD OF TECHNICAL PROFESSIONS.

ROBERT J. BORSICK LS #1180  
 BARTLETT & WEST

REVIEWED IN COMPLIANCE WITH K.S.A. 58-2005

MICHAEL D. KELLY, L.S. #869  
 DOUGLAS COUNTY SURVEYOR

## FILING RECORD

STATE OF KANSAS  
 COUNTY OF DOUGLAS

THIS IS TO CERTIFY THAT THIS INSTRUMENT WAS FILED FOR RECORD IN THE OFFICE OF THE DOUGLAS COUNTY REGISTER OF DEEDS ON THIS

\_\_\_\_ DAY OF \_\_\_\_\_, 2014, AND IS DULY RECORDED AT \_\_\_\_ AM/PM, IN

PLAT BOOK \_\_\_\_\_ PAGE \_\_\_\_\_.

KAY PESNELL, REGISTER OF DEEDS

**BARTLETT & WEST**  
 844 COLUMBIA DRIVE, LAWRENCE, KANSAS 66049  
 PHONE 785.749.9483 • FAX 785.745.9561  
 WWW.BARTLETTWEST.COM

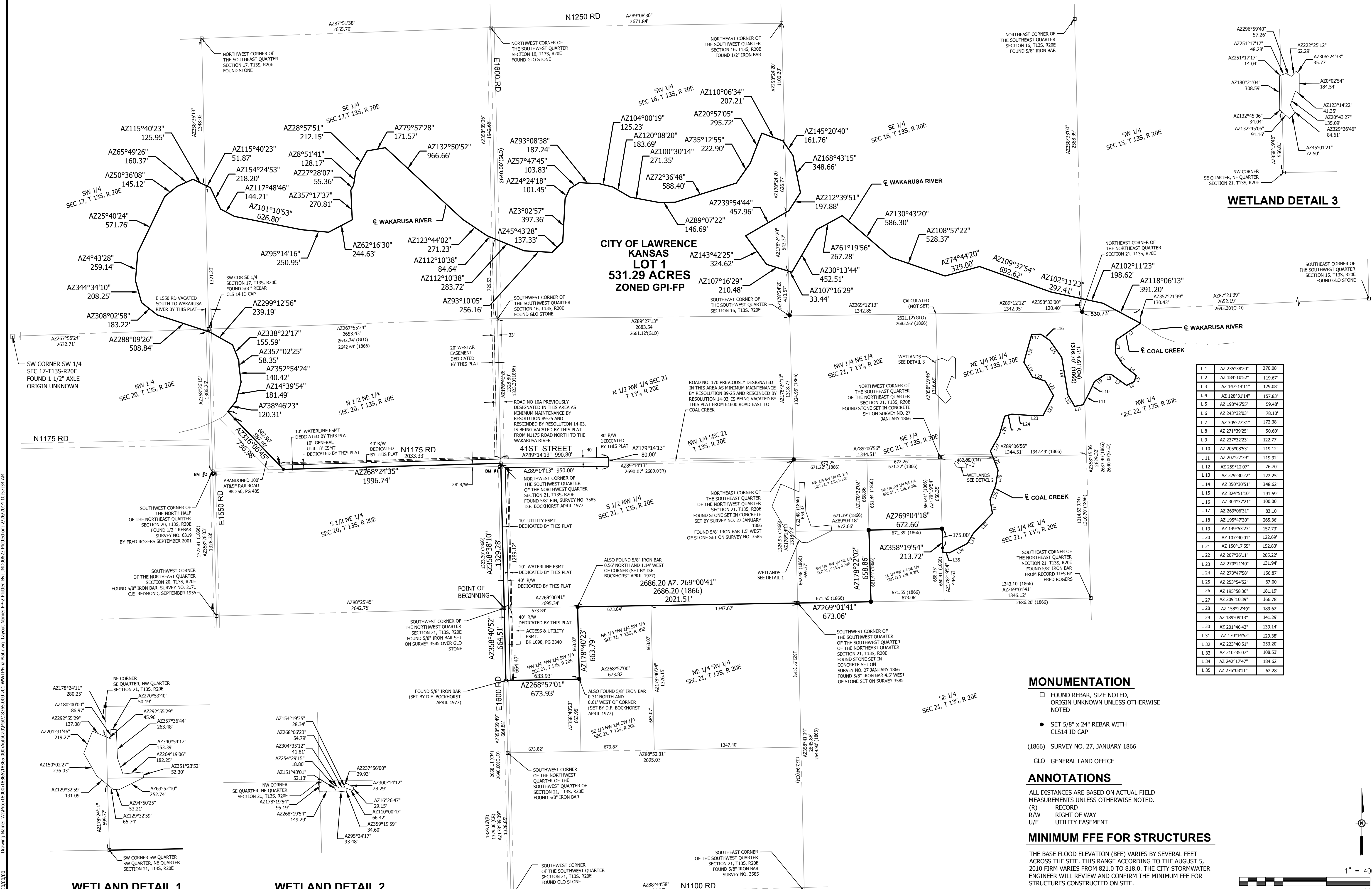
**FINAL PLAT**  
**WAKARUSA WASTEWATER TREATMENT PLANT**  
 ADDITION  
**CITY OF LAWRENCE**  
**DOUGLAS COUNTY, KANSAS**

DESIGNED BY:	DRA
DRAWN BY:	JMD
APPROVED BY:	RJB
DESIGN PRO:	
CONST PROJ:	18365.000
SCALE:	AS NOTED
DATE:	JANUARY 2014
DRAWING NO:	<b>FP</b>
SHEET NO:	1 of 3

# FINAL PLAT

## OF

### WAKARUSA WASTEWATER TREATMENT PLANT ADDITION



**WETLAND DETAIL 3**

L	AZ	DIST	BEARING
L 1	AZ 235°38'20"	270.08'	
L 2	AZ 184°10'52"	119.67'	
L 3	AZ 147°14'11"	129.08'	
L 4	AZ 128°31'14"	157.83'	
L 5	AZ 198°46'55"	59.48'	
L 6	AZ 243°32'03"	78.10'	
L 7	AZ 305°22'31"	172.38'	
L 8	AZ 271°39'25"	50.60'	
L 9	AZ 237°32'22"	122.77'	
L 10	AZ 205°08'53"	119.12'	
L 11	AZ 207°27'39"	119.92'	
L 12	AZ 259°12'07"	76.70'	
L 13	AZ 329°30'22"	122.25'	
L 14	AZ 350°30'51"	348.62'	
L 15	AZ 324°51'10"	191.59'	
L 16	AZ 304°37'21"	100.00'	
L 17	AZ 269°06'31"	83.10'	
L 18	AZ 195°47'30"	265.30'	
L 19	AZ 149°53'23"	157.73'	
L 20	AZ 107°40'01"	122.69'	
L 21	AZ 150°17'55"	152.83'	
L 22	AZ 207°26'11"	205.22'	
L 23	AZ 270°21'40"	131.94'	
L 24	AZ 273°47'58"	156.87'	
L 25	AZ 253°54'52"	67.00'	
L 26	AZ 195°58'36"	181.19'	
L 27	AZ 209°10'39"	166.78'	
L 28	AZ 158°22'49"	189.62'	
L 29	AZ 189°09'13"	141.29'	
L 30	AZ 201°46'43"	139.14'	
L 31	AZ 170°14'52"	129.38'	
L 32	AZ 223°40'51"	253.20'	
L 33	AZ 210°35'07"	108.53'	
L 34	AZ 242°17'47"	184.62'	
L 35	AZ 276°08'11"	62.28'	

**WETLAND DETAIL 1**

**WETLAND DETAIL 2**

**MONUMENTATION**

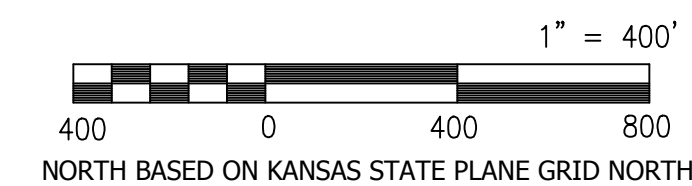
- FOUND REBAR, SIZE NOTED, ORIGIN UNKNOWN UNLESS OTHERWISE NOTED
  - SET 5/8" x 24" REBAR WITH CLS14 ID CAP
- (1866) SURVEY NO. 27, JANUARY 1866
- GLO GENERAL LAND OFFICE

**ANNOTATIONS**

ALL DISTANCES ARE BASED ON ACTUAL FIELD MEASUREMENTS UNLESS OTHERWISE NOTED.  
 (R) RECORD  
 (W) RIGHT OF WAY  
 (U/E) UTILITY EASEMENT

**MINIMUM FFE FOR STRUCTURES**

THE BASE FLOOD ELEVATION (BFE) VARIES BY SEVERAL FEET ACROSS THE SITE. THIS RANGE ACCORDING TO THE AUGUST 5, 2010 FIRM VARIES FROM 821.0 TO 818.0. THE CITY STORMWATER ENGINEER WILL REVIEW AND CONFIRM THE MINIMUM FFE FOR STRUCTURES CONSTRUCTED ON SITE.



**BARTLETT & WEST**

544 COLUMBIA DRIVE, LAWRENCE, KANSAS 66049  
 PHONE: 785.748.9483 • FAX: 785.748.5661  
 WWW.BARTLETTWEST.COM

**FINAL PLAT**  
**WAKARUSA WASTEWATER TREATMENT PLANT**  
**ADDITION**  
**CITY OF LAWRENCE**  
**DOUGLAS COUNTY, KANSAS**

DESIGNED BY: DRA  
 DRAWN BY: JMD  
 APPROVED BY: RJB  
 DESIGN PROJ: 18365.000  
 SCALE: AS NOTED  
 DATE: JANUARY 2014  
 DRAWING NO: **FP**  
 SHEET NO: 2 of 3

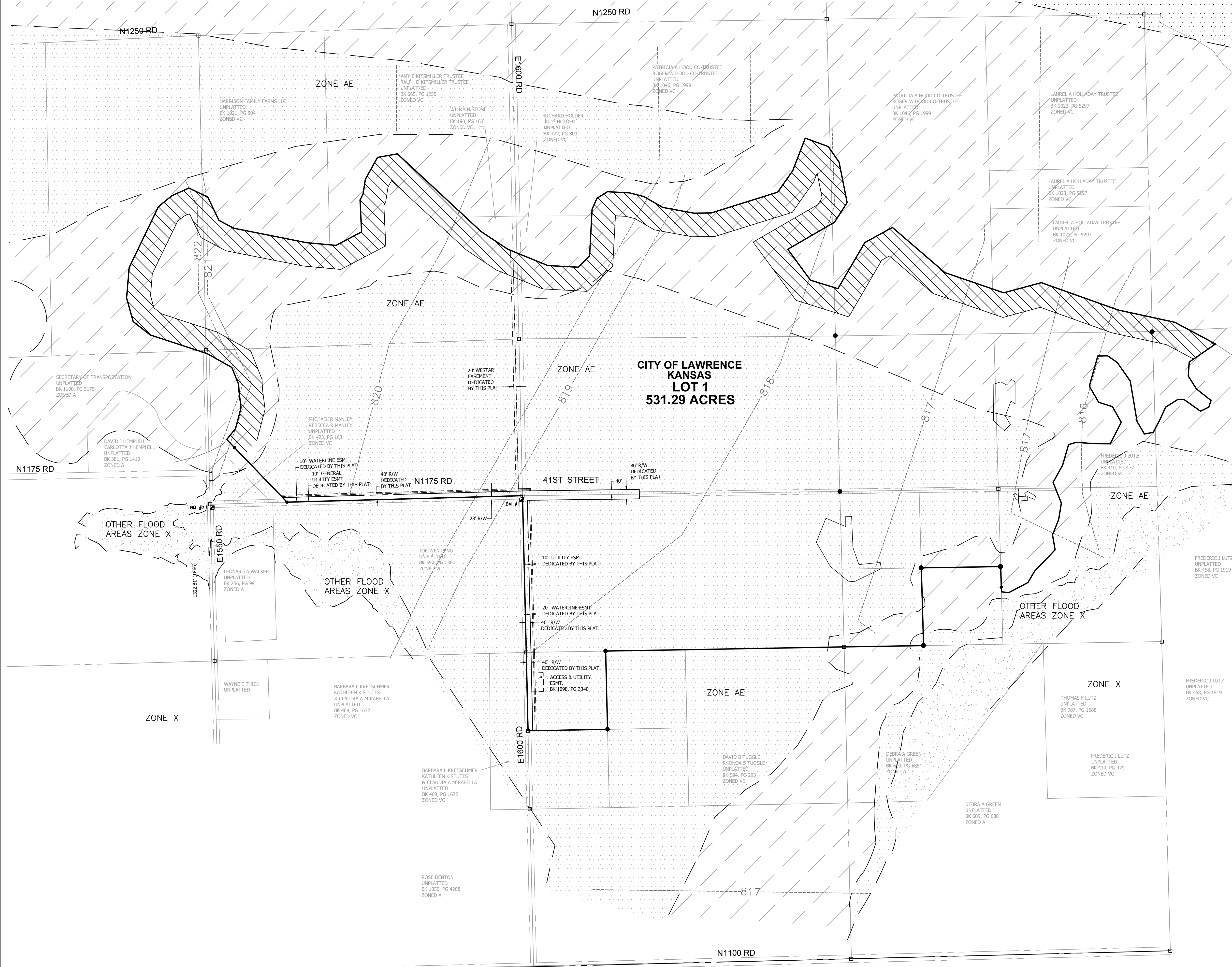
Drawing Name: W:\proj\1800018365\18365\_000\AWT\Final\dwg Final.dwg  
 Layout Name: FP\_2  
 Plotted By: JMD\GCS  
 Plotted On: 2/26/2014 10:57:34 AM  
 Last edit on: 2/20/2014



# FINAL PLAT

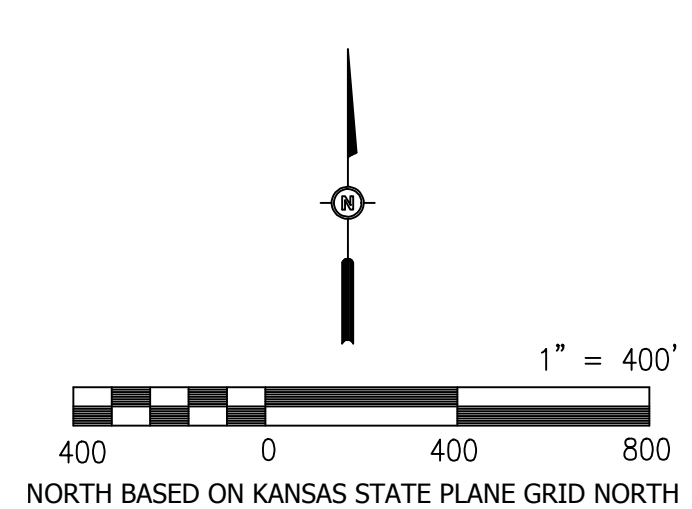
OF

## WAKARUSA WASTEWATER TREATMENT PLANT ADDITION



LEGEND	
	ZONE AE
	OTHER FLOOD AREAS ZONE X
	ZONE X
	FLOODWAY AREAS IN ZONE AE
	RIPARIAN CORRIDOR
	-812.8
	TREE LINE
	INDEX CONTOUR LINE
	INTERMEDIATE CONTOUR LINE
	818
	FLOOD ELEVATION

1. THE STATE HISTORIC PRESERVATION OFFICE ACCEPTED CULTURAL RESOURCES SURVEYS OF THE PROPOSED LAWRENCE WASTEWATER TREATMENT PLANT IN DOUGLAS COUNTY, KANSAS PREPARED BY BROCKINGTON AND ASSOCIATES, INC. AND CONCLUDED WITH THEIR CONCLUSIONS THAT THE PROPOSED PROJECT WOULD HAVE NO EFFECT ON HISTORIC PROPERTIES. THE STATE HISTORIC PRESERVATION OFFICE HAS NO OBJECTIONS TO IMPLEMENTATION OF THE PROJECT; HOWEVER THE FOLLOWING CONDITIONS APPLY:  
  
ANY CHANGES TO THE PROJECT, WHICH INCLUDE ADDITIONAL GROUND DISTURBING ACTIVITIES, MUST BE REVIEWED BY THE STATE HISTORIC PRESERVATION OFFICE PRIOR TO BEGINNING CONSTRUCTION.  
  
IF CONSTRUCTION WORK UNCOVERS BURIED ARCHEOLOGICAL MATERIALS, WORK SHALL CEASE IN THE AREA OF THE DISCOVERY AND THE STATE HISTORIC PRESERVATION OFFICE SHALL BE NOTIFIED IMMEDIATELY.
2. FLOOD PLAIN INFORMATION IS FROM FLOOD INSURANCE RATE MAP COMMUNITY PANEL NUMBER 2004SC0187D EFFECTIVE DATE AUGUST 5, 2010.
3. WETLAND AREAS SHOWN HEREON WERE DELINEATED BY HNTB CORP. IN JUNE 2006.
4. ALL NEW TELEPHONE, CABLE TELEVISION, AND ELECTRICAL LINES (EXCEPT HIGH VOLTAGE LINES) SHALL BE LOCATED UNDERGROUND.



**BARTLETT & WEST**

544 COLUMBIA DRIVE, LAWRENCE, KANSAS 66049  
PHONE 785.748.9433 • FAX 785.745.5951  
WWW.BARTLETTWEST.COM

**FINAL PLAT**  
**WAKARUSA WASTEWATER TREATMENT PLANT**  
**ADDITION**  
**CITY OF LAWRENCE**  
**DOUGLAS COUNTY, KANSAS**

DESIGNED BY:	DRA
DRAWN BY:	JMD
APPROVED BY:	RJB
DESIGN PROJ.:	
CONST PROJ.:	18365.000
SCALE:	AS NOTED
DATE:	JANUARY 2014
DRAWING NO.:	<b>FP</b>
SHEET NO.:	3 of 3

Drawing Name: W:\proj\18365\18365\_000\18365\_000\18365\_000.dwg  
Layout Name: FP\_3  
Plotted By: JMD  
Printed on: 2/26/2014 10:58:15 AM  
Last edit on: 2/20/2014