

SURVEY CONTROL DATA

- HORIZONTAL CONTROL MONUMENTS**
NAD 83 (1993) OKLAHOMA STATE PLANE
COORDINATE SYSTEM NORTH ZONE 3501
- BASIS OF BEARING:**
OKLAHOMA STATE PLANE
COORDINATE SYSTEM NORTH ZONE
- VERTICAL CONTROLS (BM):**
NAVD 1988
- SECTION NUMERICAL DESCRIPTION (S-T-R):**
SECTION 18, T-18-N, R-15-E

BEFORE YOU DIG! CALL OKIE 1-800-522-6543



UTILITIES LOCATION SHOWN ON PLAN AND PROFILE WERE OBTAINED FROM INFORMATION PROVIDED BY UTILITY SYSTEM OWNER IN CONJUNCTION WITH EXISTING PHYSICAL FEATURES VISIBLE AT THE TIME OF THE TOPOGRAPHIC SURVEY. LOCATIONS MUST BE VERIFIED BY THE CONTRACTOR PRIOR TO CONSTRUCTION.

UTILITY CONTACTS

CITY OF BROKEN ARROW, OKLAHOMA
CITY ENGINEER, TOM HENDRIX P.E.
485 N. POPLAR, AVE
BROKEN ARROW, OKLAHOMA 74012
(918) 259-7000 EXT. 5414
(918) 259-8453 (FAX)

CITY OF BROKEN ARROW, OKLAHOMA
WATER & SEWER, ANTHONY DANIEL
485 N. POPLAR, AVE
BROKEN ARROW, OKLAHOMA 74012
(918) 259-7000 X7380
(918) 251-3383 (FAX)

CITY OF BROKEN ARROW, OKLAHOMA
STREETS/STORMWATER, STEVE ARANT P.E.
485 N. POPLAR, AVE
BROKEN ARROW, OKLAHOMA 74012
(918) 259-7000 X7380
(918) 251-3383 (FAX)

OKLAHOMA NATURAL GAS (GOVT RELOCATIONS)
ATTN.: JONATHON MEADOWS
5848 EAST 15TH STREET
TULSA, OKLAHOMA 74112
(918) 831-8215
(918) 949-5735 (CELL)

COX COMMUNICATIONS
ATTN.: GARY HAMILTON
11811 E. 51ST STREET
TULSA, OK 74146
(918) 286-4666
(918) 286-4018 (FAX)

OKLAHOMA NATURAL GAS (EXISTING CONST.)
ATTN.: BILL MORGAN
P.O. BOX 871
TULSA, OKLAHOMA 74102
(918) 451-3814
(918) 451-0899 (FAX)

WINDSTREAM COMMUNICATION
ATTN.: GEORGE WHITE
2300 SOUTH 1ST PLACE
BROKEN ARROW, OKLAHOMA 74012
(918) 451-3431
(918) 451-1865 (FAX)

AEP / PSO
ATTN.: JIM WILSON
5223 S GARNETT
TULSA, OK 74149
(918) 599-2912
(918) 247-8466 (FAX)



BROKEN ARROW
Municipal Authority

**GRADING, SANITARY SEWER, WATERLINE AND UTILITY PLAN
FOR**

OAK CREEK SOUTH PHASE II

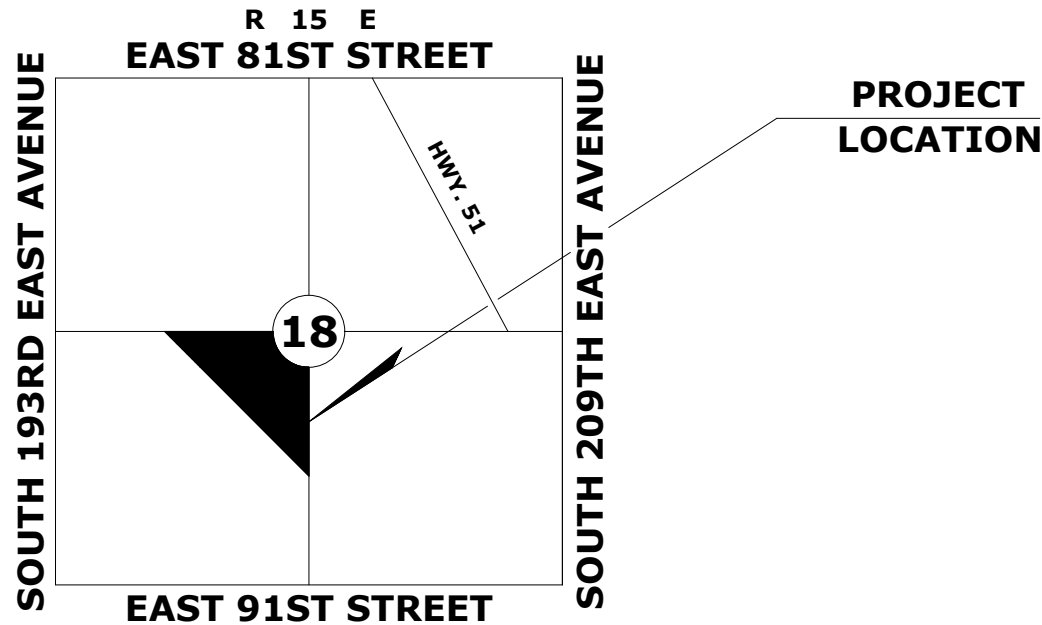
**A 40 ACRE SUBDIVISION IN THE CITY OF BROKEN ARROW
WAGONER COUNTY, OKLAHOMA**

INDEX OF SHEETS

DESCRIPTION	SHEET
TITLE SHEET	1
TOPOGRAPHIC SURVEY	2
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BROKEN ARROW CITY COUNCIL

MAYOR	CRAIG THURMOND
VICE MAYOR	RICHARD CARTER
MEMBER	MIKE LESTER
MEMBER	SCOTT EUDEY
MEMBER	JOHNNIE PARKS



LOCATION MAP

1"=1000'

APPROVED

DATE _____
KENNETH D. SCHWAB, PE, CFM
ASSISTANT CITY MANAGER, OPERATIONS

RECOMMENDED FOR APPROVAL

DATE _____
ALEX MILLS, PE
DIRECTOR OF ENGINEERING & CONSTRUCTION

DATE _____
ANTHONY DANIEL
UTILITIES DIRECTOR

**PROJECT LOCATION SECTION 18, T-18-N, R-15-E, WAGONER COUNTY
ENGINEERING & CONSTRUCTION DEPARTMENT
485 NORTH POPLAR AVENUE
P.O. BOX 610, BROKEN ARROW, OK. 74013**

**CITY OF BROKEN ARROW STANDARD CONSTRUCTION SPECIFICATIONS, AUGUST 19, 1999,
SHALL GOVERN ALL CONSTRUCTION AS SUPPLEMENTED BY OKLAHOMA STANDARD
SPECIFICATION FOR HIGHWAY CONSTRUCTION, APPROVED BY THE DEPARTMENT OF
TRANSPORTATION 2009.**

PLANS AND ESTIMATES PREPARED BY:
MCE McCLELLAND CONSULTING ENGINEERS, INC.
DESIGNED TO SERVE

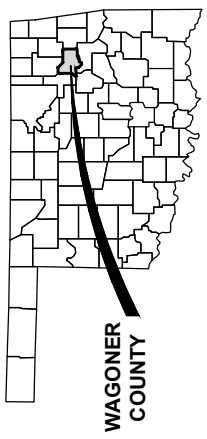


STEVEN HOLLABAUGH, P.E.
ENGINEER OF RECORD

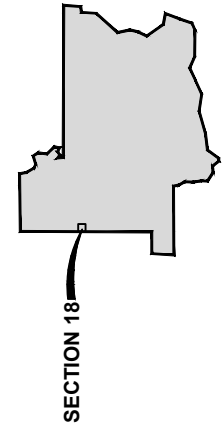
4606 South Garnett Road, Suite 401
Tulsa, OK 74146
Phone # 918.619.6803
Fax # 918.340.5395
HTTP://WWW.MCCLELLAND-ENGRS.COM
CA #5917 EXP. 6-30-17

DATE	REVISIONS

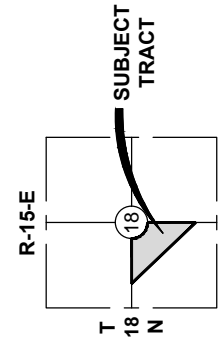
OAK CREEK SOUTH PHASE II - CIVIL PLAN SET



STATE OF OKLAHOMA



WAGONER COUNTY



SUBJECT TRACT

LEGEND

- FOUND MONUMENT (AS DESCRIBED)
- SET MAG NAIL WITH SHINER
- △ SET 1/2" IRON PIN WITH CAP
- FENCE

RECORD LEGAL DESCRIPTION

THAT PART OF LOT 3 AND E/2 OF SW/4 LYING NORTH AND EAST OF M.K.&T. RAILROAD RIGHT OF WAY OF SECTION 18, TOWNSHIP 18 NORTH, RANGE 15 EAST OF THE INDIAN BASE AND MERIDIAN, WAGONER COUNTY, STATE OF OKLAHOMA.

LEGAL DESCRIPTION AS SURVEYED

A TRACT OF LAND LYING NORTH AND EAST OF THE UNION PACIFIC RAILROAD RIGHT-OF-WAY IN THE SOUTHWEST QUARTER (SW/4) OF SECTION EIGHTEEN (18), TOWNSHIP EIGHTEEN (18) NORTH, RANGE FIFTEEN (15) EAST OF THE INDIAN MERIDIAN, WAGONER COUNTY, OKLAHOMA. SAID TRACT BEING MORE PARTICULARLY DESCRIBED BY METES AND BOUNDS AS FOLLOWS:

COMMENCING AT THE NORTHWEST CORNER OF THE SOUTHWEST QUARTER (SW/4) OF SECTION EIGHTEEN (18), SAID POINT BEING A FOUND STEM TO AN O.D.O.T. BRASS CAP;
 THENCE N 88°45'23" E ON THE NORTH LINE OF SAID SOUTHWEST QUARTER (SW/4) A DISTANCE OF 691.61 FEET TO THE **POINT OF BEGINNING**, SAID POINT BEING A FOUND 3/8" IRON PIN;
 THENCE CONTINUING N 88°45'23" E ON THE NORTH LINE OF SAID SOUTHWEST QUARTER (SW/4) A DISTANCE OF 1,932.12 FEET TO THE NORTHEAST CORNER OF SAID SOUTHWEST QUARTER (SW/4), SAID POINT BEING A FOUND O.D.O.T. BRASS CAP;
 THENCE S 1°26'44" E ON THE EAST LINE OF SAID SOUTHWEST QUARTER (SW/4) A DISTANCE OF 1,625.07 FEET TO A POINT ON THE NORTH RIGHT-OF-WAY LINE OF THE UNION PACIFIC RAILROAD, SAID POINT BEING A FOUND 1/2" IRON PIN WITH CAP;
 THENCE N 51°49'38" W ON THE NORTH RIGHT-OF-WAY LINE OF THE UNION PACIFIC RAILROAD A DISTANCE OF 2,139.33 FEET TO A SET 1/2" IRON PIN WITH C.A. 7232 CAP;
 THENCE N 38°10'22" E ON THE NORTH RIGHT-OF-WAY LINE OF THE UNION PACIFIC RAILROAD A DISTANCE OF 25.00 FEET TO A SET 1/2" IRON PIN WITH C.A. 7232 CAP;
 THENCE N 51°49'38" W ON THE NORTH RIGHT-OF-WAY LINE OF THE UNION PACIFIC RAILROAD A DISTANCE OF 389.60 FEET BACK TO THE **POINT OF BEGINNING**.

SAID TRACT CONTAINS 36.54 ACRES (1,591,779.83 SQ. FT.) AS DESCRIBED.

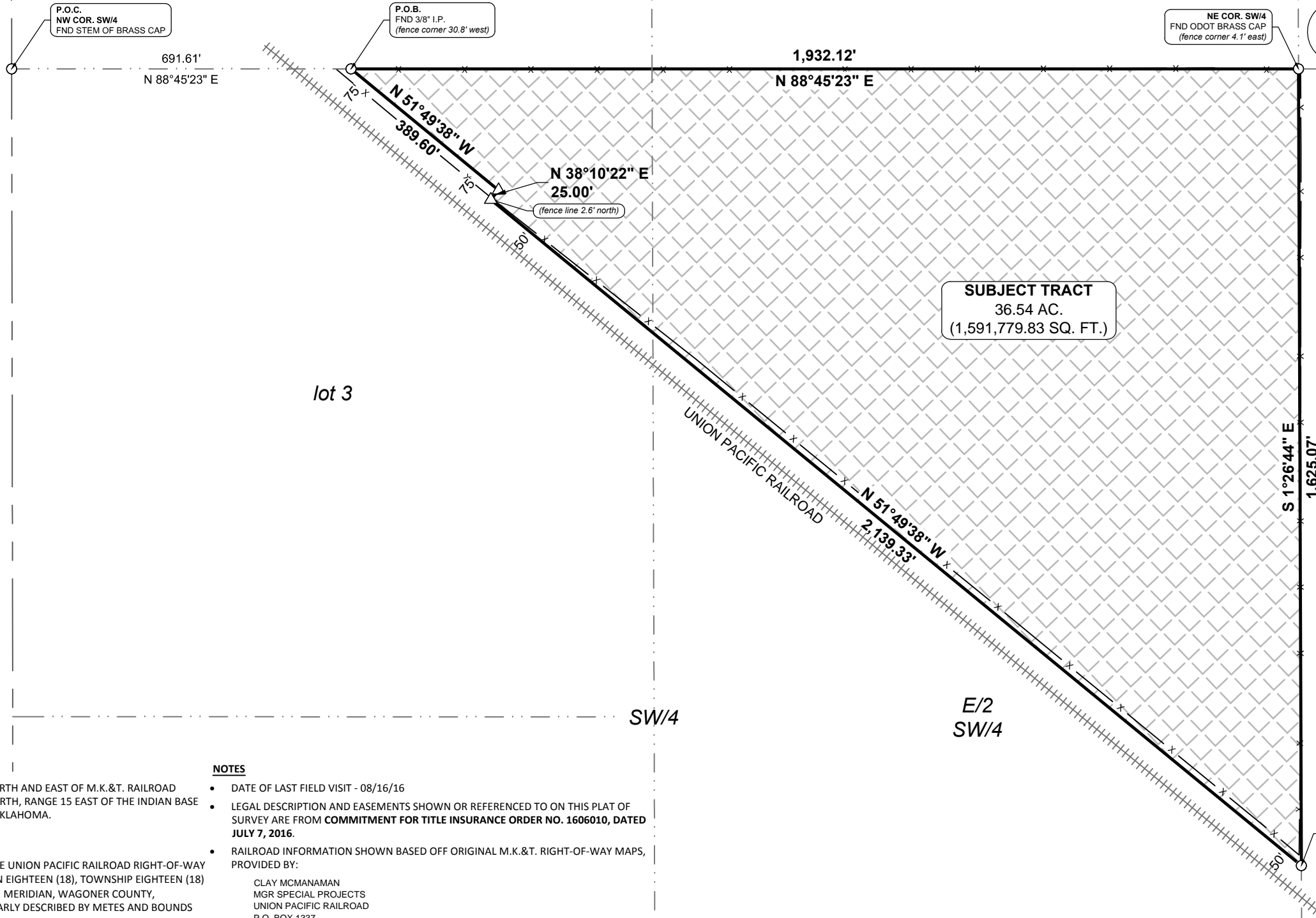
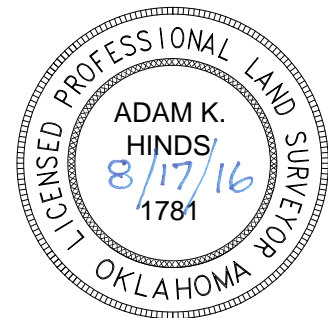
NOTES

- DATE OF LAST FIELD VISIT - 08/16/16
- LEGAL DESCRIPTION AND EASEMENTS SHOWN OR REFERENCED TO ON THIS PLAT OF SURVEY ARE FROM **COMMITMENT FOR TITLE INSURANCE ORDER NO. 1606010, DATED JULY 7, 2016.**
- RAILROAD INFORMATION SHOWN BASED OFF ORIGINAL M.K.&T. RIGHT-OF-WAY MAPS, PROVIDED BY:
 CLAY MCMANAMAN
 MGR SPECIAL PROJECTS
 UNION PACIFIC RAILROAD
 P.O. BOX 1337
 EL RENO, OK 73036
 402-233-1426
- THIS SURVEY WAS DONE ON NAD 83, OKLAHOMA NORTH - STATE PLANE COORDINATE SYSTEM
- BASIS OF BEARING FOR THIS SURVEY IS "GRID" NORTH BASED ON GPS OBSERVATION ON THE ABOVE REFERENCED COORDINATE SYSTEM WITH THE CONTROLLING LINE BEING THE NORTH LINE OF THE SOUTHWEST QUARTER (SW/4) WITH A BEARING OF N88°45'23"E.
- ALL IMPROVEMENTS MAY NOT BE DEPICTED HEREON.

SURVEYORS CERTIFICATION

THIS IS TO CERTIFY THAT THIS SURVEY WAS DONE BY THE UNDERSIGNED, THAT THE SURVEY WAS DONE ON THE GROUND IN ACCORDANCE WITH THE MOST RECENT MINIMUM STANDARDS FOR PROPERTY BOUNDARY SURVEYS, AS SET FORTH BY THE STATE OF OKLAHOMA, BOARD OF REGISTRATION FOR PROFESSIONAL ENGINEERS AND LAND SURVEYORS, AND THAT THE ACCURACY AND POSITIONAL TOLERANCES ARE IN ACCORDANCE WITH THE SPECIFICATIONS FOR LAND BOUNDARY SURVEYS.

Adam K. Hinds
 ADAM K. HINDS P.L.S. #1781



SUBJECT TRACT
 36.54 AC.
 (1,591,779.83 SQ. FT.)

18

REVISIONS

DATE	DESCRIPTION	BY
08/16/16	DATE OF LAST FIELD VISIT	AH
08/17/16	DRAFTING COMPLETE	AH

608 W. 18TH STREET
 Edmond, OK 73013
 405.285.0433
frontier
 LAND SURVEYING
 CA #7232 EXP: 6/30/18

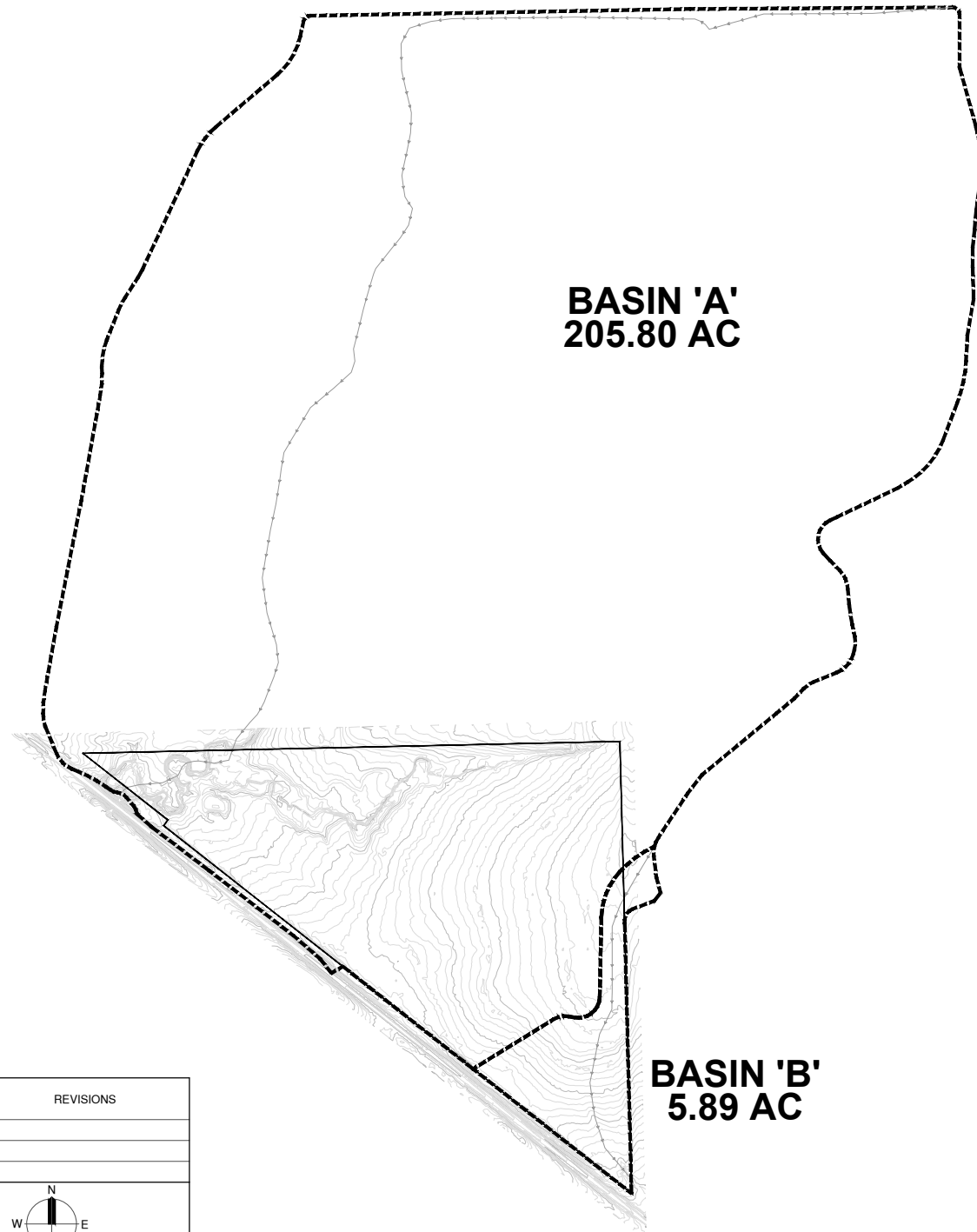
PREPARED FOR:
 RAUSCH COLEMAN HOMES
 3158 S. 108th East Ave, Ste 205
 Tulsa, OK 74146

PLAT OF SURVEY
 PART OF THE SW/4
 SECTION 18
 T-18-N R-15-E
 WAGONER COUNTY, OKLAHOMA

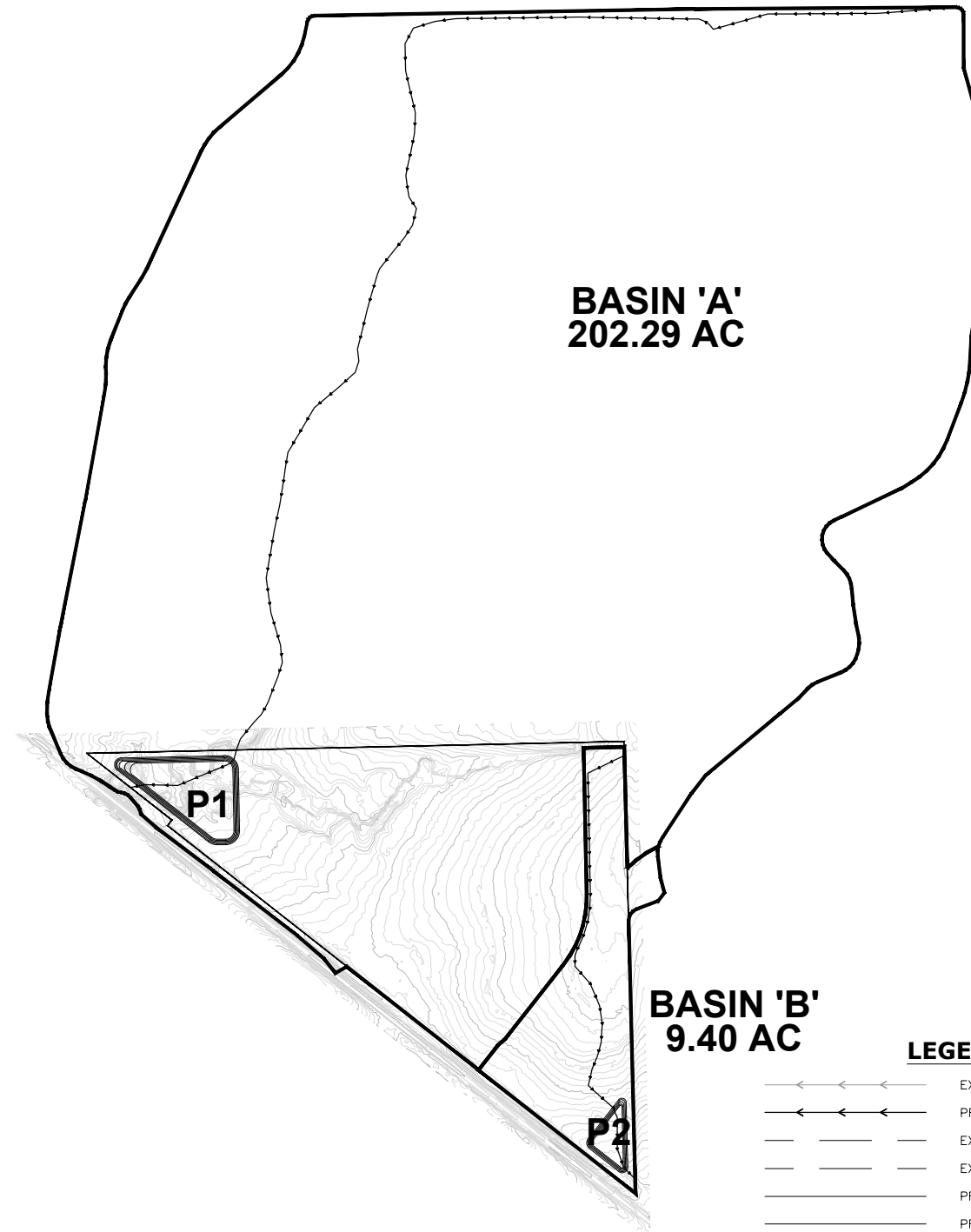
PAGE 1 OF 1	DATE 08/17/16
SCALE 1" = 250'	JOB NO. 16-0024

OAK CREEK SOUTH PHASE II

EXISTING DRAINAGE AREAS



PROPOSED DRAINAGE AREAS



DATE	REVISIONS

0 150 300 450

BASIN 'B'
9.40 AC

LEGEND

- ←←←←← EXISTING FLOW PATH
- PROPOSED FLOW PATH
- - - - - EXISTING INDEX CONTOUR
- - - - - EXISTING INTERMEDIATE CONTOUR
- — — — PROPOSED INDEX CONTOUR
- — — — PROPOSED INTERMEDIATE CONTOUR
- - - - - EXISTING DRAINAGE AREA
- PROPOSED DRAINAGE AREA



OAK CREEK SOUTH PHASE II

DRAINAGE BASIN MAPS

PLANS AND ESTIMATES PREPARED BY:
MCE McCLELLAND CONSULTING ENGINEERS, INC.
 4606 South Garnett Road, Suite 401
 Tulsa, OK 74146
 Phone # 918.619.6803
 Fax # 918.340.5395
 HTTP://WWW.MCCLELLAND-ENGRS.COM
 CA #5917 EXP. 6-30-17

PROFILE SCALE:	DESIGN	DATE	DRAFTED	DATE
HORZ. N/A	SMH	11/16	CDG	11/16
VERT. N/A	REVIEWED	DATE	APPROVED	DATE
DRAWING NAME:	DRC	11/16	SMH	11/16
SHEET OF	PROJECT NO.		XXXXXXXX	

WASHINGTON STREET 6" WATERLINE FROM SOUTH ELM AVENUE TO SOUTH MAIN STREET

UTILITY PLAN (WATERLINE) FOR OAK CREEK SOUTH PHASE II



DATE	REVISIONS



BROKEN ARROW
Municipal Authority

OAK CREEK SOUTH PHASE II

**UTILITY PLAN
(WATERLINE)**

PLANS AND ESTIMATES PREPARED BY:
MCE McCLELLAND CONSULTING ENGINEERS, INC.
 4606 South Garnett Road, Suite 401
 Tulsa, OK 74146
 Phone # 918.619.6803
 Fax # 918.340.5395
[HTTP://WWW.MCCLELLAND-ENGRS.COM](http://www.mcclelland-engrs.com)
 CA #5917 EXP. 6-30-17

PROFILE SCALE:	DESIGN	DATE	DRAFTED	DATE
HORZ. N/A	SMH	11/16	CDG	11/16
VERT. N/A	REVIEWED	DATE	APPROVED	DATE
DRAWING NAME:	DRC	11/16	SMH	11/16
	SHEET	4	PROJECT NO.	XXXXXXXX
	OF	5		

UTILITY PLAN (SANITARY SEWER) FOR OAK CREEK SOUTH PHASE II



DATE	REVISIONS



BROKEN ARROW
Municipal Authority

OAK CREEK SOUTH PHASE II

**UTILITY PLAN
(SANITARY SEWER)**

PLANS AND ESTIMATES PREPARED BY:
McCLELLAND CONSULTING ENGINEERS, INC.
 4606 South Garnett Road, Suite 401
 Tulsa, OK 74146
 Phone # 918.619.6803
 Fax # 918.340.5395
 HTTP://WWW.MCCLELLAND-ENGRS.COM
 CA #5917 EXP. 6-30-17

PROFILE SCALE: HORZ. N/A VERT. N/A DRAWING NAME:	DESIGN	DATE	DRAFTED	DATE
	SMH	11/16	CDG	11/16
SHEET 5 OF 5	REVIEWED	DATE	APPROVED	DATE
	DRC	11/16	SMH	11/16
PROJECT NO. XXXXXXXX				

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