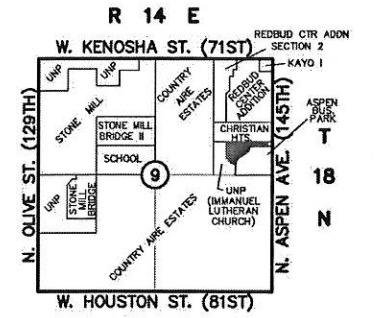


CITY OF BROKEN ARROW, OKLAHOMA
 PLAN OF PROPOSED
 CHANNEL AND DETENTION POND
 MAINTENANCE REPAIR AND IMPROVEMENTS
 FOR
 IMMANUEL LUTHERAN CHURCH
 NE/4 SECTION 9 T-18-N R-14-E
 TULSA COUNTY, OKLAHOMA

LEGEND

- | | |
|----------------------------|--------------------------|
| ⊙ SEWER MANHOLE | ☐ IRRIGATION CONTROL BOX |
| ▣ REINFORCED CONCRETE BOX | ⊞ ELECTRIC SERVICE |
| ⊞ REINFORCED CONCRETE PIPE | ⊞ GAS SERVICE |
| ⊞ AIR CONDITIONER | ⊞ TELEPHONE SERVICE |
| ⊞ WATER METER | M/P METER POINT |
| ⊞ WATER VALVE | —OH— OVERHEAD UTILITIES |
| △ GAS METER | —+— FENCE LINE |
| ■ TELEPHONE PEDESTAL | —SS— SANITARY SEWER LINE |
| ● POWER POLE | —ST— STORM SEWER LINE |
| ★ LIGHT POLE | —G— GUARD POST |
| TC TOP OF CURB | ▣ CONCRETE |
| G GUTTER | ▣ ASPHALT |
| TR TOP OF RIM | ⊞ BENCHMARK |
| TG TOP OF GRADE | |
| FL FLOWLINE | |

BEFORE YOU DIG,
 CALL OKIE FOR
 LOCATION OF
 UNDERGROUND UTILITIES.
 DIAL 811



Location Map
 SCALE: 1"=2000'

OWNER/DEVELOPER:
 Immanuel Lutheran Church
 400 North Aspen Avenue
 Broken Arrow, OK 74012
 Phone: (918) 258-5506
 Contact: Aaron Stenslie
 email: astenscp@cox.net

SURVEYOR:
 White Surveying
 C.A. No. 1098, EXPIRATION DATE 6/30/2017
 9939 East 55th Place
 Tulsa, Oklahoma 74146
 Phone: (918) 663-6924
 Contact: Tom Haynes
 email: thaynes@whitesurvey.com

ENGINEER:
 Sanders Engineering, Inc.
 C.A. No. 2370, EXPIRATION DATE 6/30/2017
 11502 S. 66th E. Ave.
 Bixby, Oklahoma 74008
 Phone: (918) 296-5067
 Fax: (918) 296-5068
 Contact: Robert David Sanders, PE.
 email: rdsand1@sbcglobal.net

BASIS OF BEARINGS:
 THE NORTH LINE OF ASPEN BUSINESS PARK/
 SOUTH LINE OF CHRISTIAN HEIGHTS ADDITION
 ASSUMED AS N 89°58'43" W.

HORIZONTAL DATUM: NAD83,
 OKLAHOMA STATE PLANE COORDINATE
 SYSTEM (3501)

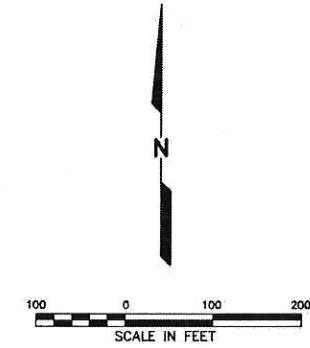
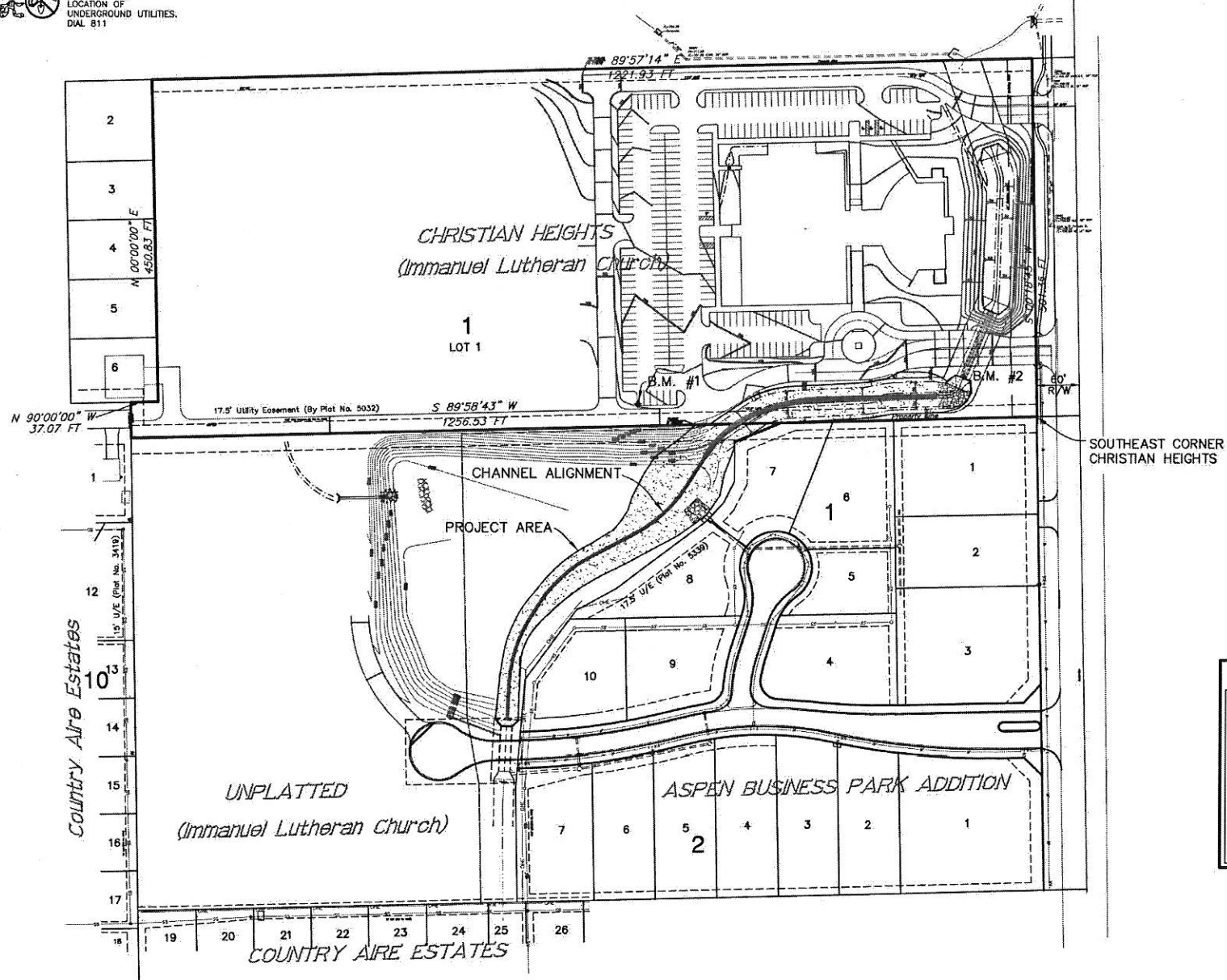
VERTICAL DATUM: NAVD88

UNITS: U.S. SURVEY FEET

BENCHMARKS:

BENCHMARK #1
 CHISELED BOX ON SW CORNER CURB OF PARKING
 LOT, LOCATED APPROXIMATELY 550' WEST AND
 28' NORTH OF THE S.E. CORNER OF CHRISTIAN
 HEIGHTS PROPERTY.
 ELEVATION 704.90'

BENCHMARK #2
 CHISELED BOX ON HEADWALL APPROXIMATELY
 103' WEST AND 56' NORTH OF THE S.E. CORNER
 OF CHRISTIAN HEIGHTS PROPERTY.
 ELEVATION 713.40'

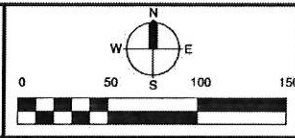


SHEET INDEX	
SHEET NAME	SHEET #
TITLE SHEET	1
SURVEY DATA SHEET	2
GRADING PLAN	3
CHANNEL PLAN & PROFILE	4-5
DETAILS	6
ILLUSTRATIVE PLAN	7
CROSS SECTIONS	8

CALL OKIE!
 EXISTING UNDERGROUND LINES HAVE BEEN SHOWN
 TO THE EXTENT KNOWN AND PLANS HAVE BEEN SENT
 TO THE EFFECTED UTILITY OWNERS FOR VERIFICATION
 OF EXISTING LINES. BEFORE YOU DIG, CONTACT
 OKLAHOMA ONE-CALL: 1-800-822-6649.

ELECTRIC GAS CABLE TELEVISION TELEPHONE

DATE	REVISIONS



Immanuel Lutheran Church
 400 N. Aspen Ave.
 Broken Arrow, OK 74012
 (918)258-5506

SANDERS ENGINEERING, INC.
 11502 S. 66th E. Ave.
 Bixby, Oklahoma 74008
 Phone: (918)296-5067
 Fax: (918)296-5068
 Certificate of Authorization No. CA 2370 Exp. 6/30/2017

TITLE SHEET

SCALE:	DESIGN	DATE	DRAFTED	DATE
HORIZ. 1"=100'	RDS	10/16	GSA	10/16
VERT. N/A	REVIEWED	DATE	APPROVED	DATE
	X	10/16	X	10/16
DRAWING NAME:	SHEET	X	PROJECT NO.	
ILC-TitleSheet.dwg	OF	X	151-189	

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