Branch COMMUNICATIONS
A SOLUTIONS PROVIDER

7335 SOUTH LEWIS AVE. STE. 300, TULSA, OKLAHOMA 74136

SITE NAME: FREEPORT

BRANCH TOWERS III SITE NUMBER: KS-0005
FCC NUMBER: TBD
SITE ADDRESS: NE/4 SECTION 28, T33S, R05W
FREEPORT KS 67049

NEW EQUIPMENT AND ANTENNAS ON:

PROPOSED 280' GUYED TOWER

SITE INFORMATION

SITE TYPE: GUYED TOWER

SITE NAME: FREEPORT

SITE NUMBER: KS-0005

SITE ADDRESS: NE/4 SECTION 28, T33S, R05W
FREEPORT, KS 67049

COUNTY: HARPER

JURISDICTION: HARPER COUNTY

OCCUPANCY TYPE: UNMANNED

A.D.A. COMPLIANCE: FACILITY IS UNMANNED AND NOT FOR HUMAN HABITATION.

APPLICANT: BRANCH TOWERS III
7335 S LEWIS AVE STE 300
TULSA, OK 74136
LYN STEWARD
1-918-986-6000

PROPERTY OWNER:
STEVE BELLESINE
620-842-3701

SITE COORDINATES (NAD 83):
LATITUDE: N. N37°09'06.614"
LONGITUDE: W. W097°51'40.249"
GROUND ELEVATION: 1295.36' (AMSL)

SURVEYOR:
H&S SURVEYING, INC
1-405-262-0249

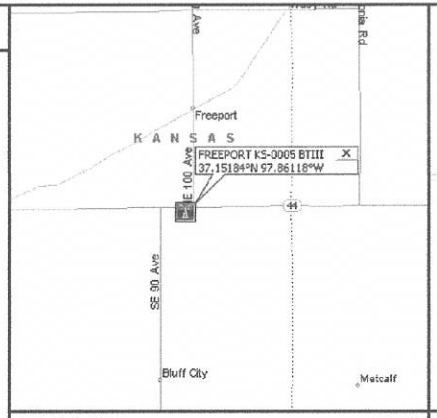
TOWER OWNER:
BRANCH TOWERS III
7335 SOUTH LEWIS AVE SUITE 300
TULSA, OK. 74136
918-949-4551
SITE NAME: FREEPORT
SITE NUMBER: KS-0005

DESIGNER:
BRANCH COMMUNICATIONS, LLC
7335 SOUTH LEWIS AVE. STE. 300
TULSA, OK. 74136
CONTACT: JAMES W MCCOY
PHONE: (918) 261-1875

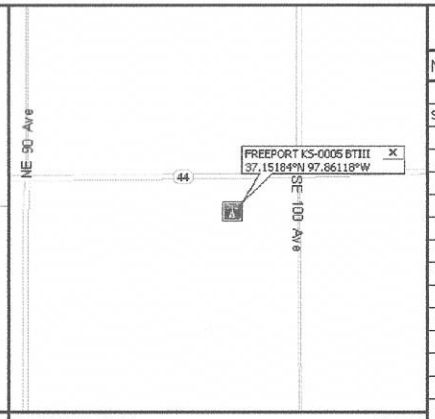
ARCHITECT/ENGINEER:
SPECIALTY TELECOMMUNICATIONS SERVICES, LLC
PROFESSIONAL ENGINEERS AND CONSULTANTS
13431 N. BROADWAY, STE 120
OKLAHOMA CITY, OK. 73114
CONTACT: SAMUAL CURTIS
PHONE: (405) 753-7167

TELEPHONE COMPANY:
KANOKLA
800-526-6552

POWER COMPANY:
KEPCO
785-273-7010



VICINITY MAP N.T.S.



LOCATION MAP N.T.S.

DRIVING DIRECTIONS

DEPART 1279 E RENO AVE, OKLAHOMA CITY, OK 73117 ON E RENO AVE (EAST) 0.7 MI TURN RIGHT (SOUTH) ONTO S EASTERN AVE 164 YDS TAKE RAMP (LEFT) ONTO I-35 [US-62] 104.4 MI AT EXIT 231, TURN RIGHT ONTO RAMP 0.2 MI TURN LEFT ONTO US-177 [N HIGHWAY 177] 5.5 MI ENTERING KANSAS 10:40 AM KEEP STRAIGHT ONTO US-177 174 YDS BEAR RIGHT ONTO US-177 3.2 MI KEEP STRAIGHT ONTO US-177 [S MAIN ST] 0.2 MI TURN LEFT (WEST) ONTO US-81 [W STEWART ST] 11.7 MI TURN RIGHT (NORTH) ONTO SR-49 [N MAIN ST] 0.6 MI TURN LEFT (WEST) ONTO CALDWELL RD [W G AVE] 0.3 MI TURN RIGHT ONTO CALDWELL RD 1.0 MI KEEP STRAIGHT ONTO CALDWELL RD 8.2 MI TURN RIGHT ONTO S ARGONIA RD 7.0 MI TURN LEFT ONTO SR-44 2.1 MI KEEP STRAIGHT ONTO SR-44 3.2 MI TURN LEFT (SOUTH) ONTO LOCAL ROAD(S) 0.1 MI ARRIVE FREEPORT KS-0005 BTIII.

CODE COMPLIANCE

ALL WORK SHALL BE PERFORMED AND MATERIALS INSTALLED IN ACCORDANCE WITH THE CURRENT EDITIONS OF THE FOLLOWING CODES AS ADOPTED BY THE LOCAL GOVERNING AUTHORITIES. NOTHING IN *THESE PLANS IS TO BE CONSTRUED TO PERMIT WORK NOT* CONFORMING TO THESE CODES.

BUILDING/DWELLING CODE:	IBC 2015
STRUCTURAL CODE:	IBC 2015
PLUMBING CODE:	IPC 2015
MECHANICAL CODE:	IMC 2015
ELECTRIC CODE:	NEC 2017
FIRE/LIFE SAFETY CODE:	IBC 2015, IFC 2015, NFOA 101

ONE CALL NUMBER:

ONE CALL KANSAS

CALL KANSAS
ONE CALL 811
(800) 344-7233
CALL 3 WORKING DAYS
BEFORE YOU DIG!

DRAWING INDEX

NO	DESCRIPTION
Z1	TITLE SHEET
SV-1	SURVEY
Z2	AERIAL SITE PLAN
Z3	SITE PLAN & TOWER ELEVATION
Z4	ANTENNA PLAN

SCOPE OF WORK

1. INSTALL 280' PROPOSED GUYED TOWER
2. INSTALL SITE GROUNDING SYSTEM.
3. INSTALL MULTI-TENANT H-FRAME RACK.
4. INSTALL COMPOUND FENCING.
5. INSTALL COMPOUND GRAVEL.
6. INSTALL ACCESS ROAD.

DO NOT SCALE DRAWINGS

CONTRACTOR SHALL VERIFY ALL PLANS AND EXISTING DIMENSIONS AND CONDITIONS ON THE JOB SITE AND SHALL IMMEDIATELY NOTIFY THE ENGINEER IN WRITING OF ANY DISCREPANCIES BEFORE PROCEEDING WITH THE WORK OR T BE RESPONSIBLE FOR SAME.

VENDOR:
Branch
BRANCH TOWERS
BRANCH TOWERS
7335 S LEWIS AVE STE 300
TULSA, OKLAHOMA 7436
(918) 949-4551

PRODUCED BY:
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A SOLUTIONS PROVIDER
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(918) 949-4551

DE BOER
MICHAEL DE BOER
11884 WINDMILL LAKES DRIVE
BOYNTON BEACH, FL 33473
605-422-1548

SITE NAME:
FREEPORT

PIONEER SITE NUMBER:
KS-0005

SITE ADDRESS:
NE/4 SECTION 28, T33S, R05W
FREEPORT KS 67049

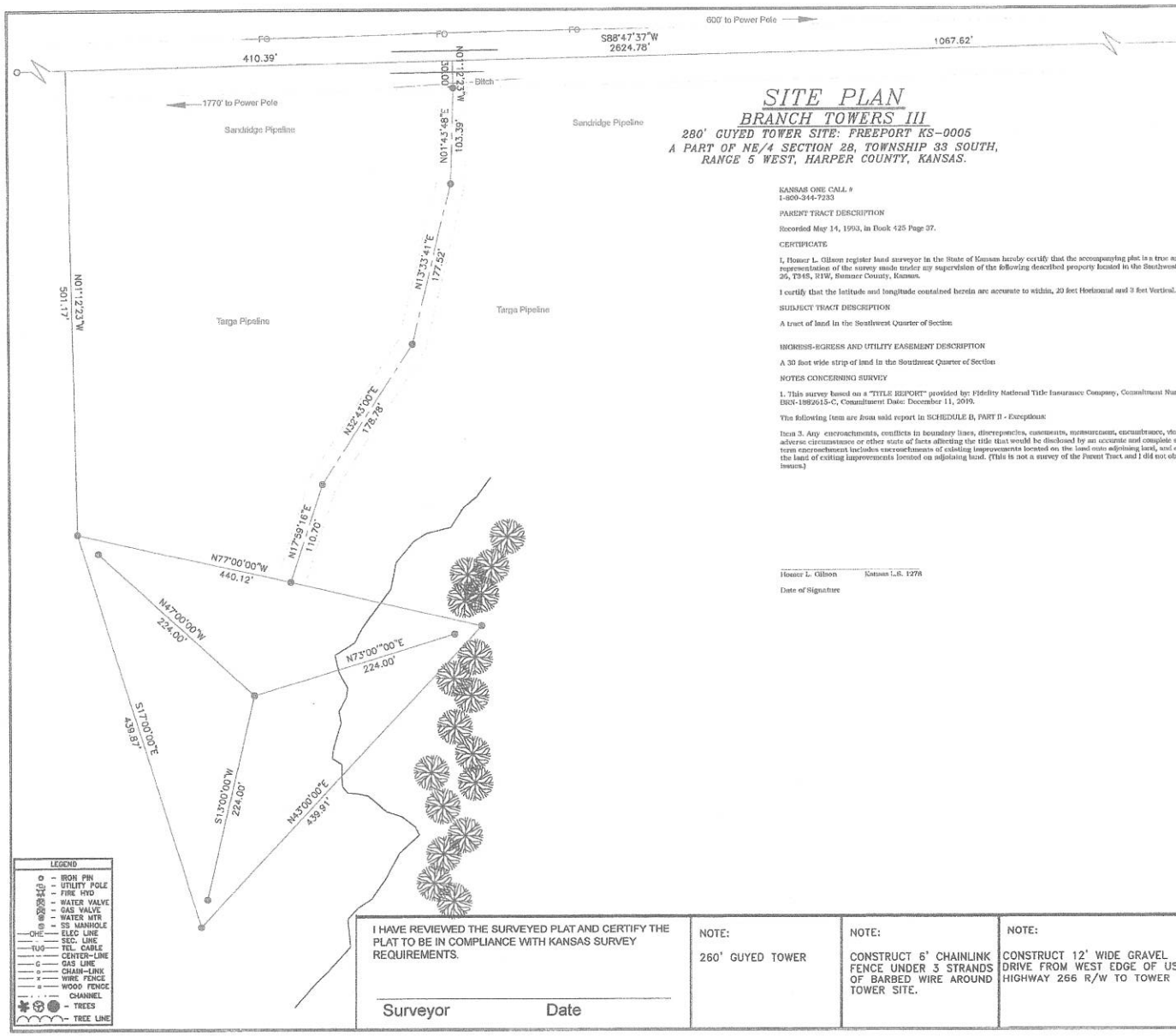
ENGINEER:
PRELIMINARY - NOT FOR CONSTRUCTION

NO	DATE	DESCRIPTION	BY
A	1/10/20	PRELIMINARY ISSUE	BDH

SHEET TITLE:
TITLE SHEET

SHEET NUMBER:	PROJECT #:		REVISION:
T1	KS-0005		A
	BY: BDH	CKD BY: JWM	

KS-0005_Freeport_010920_Rev_A_Zoning_drawings.dwg – Sheet:T1 – User: Brian.Heimbach – Jan 10, 2020 – 10:58am



SITE PLAN

BRANCH TOWERS III

280' GUYED TOWER SITE: FREEPORT KS-0005
A PART OF NE/4 SECTION 28, TOWNSHIP 33 SOUTH,
RANGE 5 WEST, HARPER COUNTY, KANSAS.

KANSAS ONE CALL #
1-800-344-7233

PARENT TRACT DESCRIPTION

Recorded May 14, 1993, in Book 425 Page 37.

CERTIFICATE

I, Homer L. Gilson register land surveyor in the State of Kansas hereby certify that the accompanying plat is a true and correct representation of the survey made under my supervision of the following described property located in the Southwest Quarter of Section 26, T34S, R1W, Sumner County, Kansas.

I certify that the latitude and longitude contained herein are accurate to within, 20 feet Horizontal and 3 feet Vertical.

SUBJECT TRACT DESCRIPTION

A tract of land in the Southwest Quarter of Section

INGRESS-EGRESS AND UTILITY EASEMENT DESCRIPTION

A 30 foot wide strip of land in the Southwest Quarter of Section

NOTES CONCERNING SURVEY

1. This survey based on a "TITLE REPORT" provided by: Fidelity National Title Insurance Company, Commitment Number: BRN-1882615-C, Commitment Date: December 11, 2019.

The following item are from said report in SCHEDULE B, PART II - Exceptions:

Item 3. Any encroachments, conflicts in boundary lines, discrepancies, easements, measurement, encumbrance, violation, variation, adverse circumstance or other state of facts affecting the title that would be disclosed by an accurate and complete survey of the land. The term encroachment includes encroachments of existing improvements located on the land onto adjoining land, and encroachments onto the land of exiting improvements located on adjoining land. (This is not a survey of the Parent Tract and I did not observe and boundary issues.)

Homer L. Gilson Kansas L.S. 1278

Date of Signature

R 1 W

LOCATION MAP: SCALE 1"=1 MILE

GRAPHIC SCALE

(IN FEET)
1 inch = 100 ft.

UTILITY STATEMENT
THE UNDERGROUND UTILITIES SHOWN HAVE BEEN LOCATED FROM KANSAS ONE CALL MARKINGS, FIELD SURVEY INFORMATION AND EXISTING DRAWINGS. THE SURVEYOR MAKES NO GUARANTEE THAT THE UNDERGROUND UTILITIES SHOWN COMPRISE ALL SUCH UTILITIES IN THE AREA, EITHER IN SERVICE OR ABANDONED. THE SURVEYOR FURTHER DOES NOT WARRANT THAT THE UNDERGROUND UTILITIES SHOWN ARE IN THE EXACT LOCATION INDICATED ALTHOUGH HE DOES CERTIFY THAT THEY ARE LOCATED AS ACCURATELY AS POSSIBLE FROM INFORMATION AVAILABLE. THE SURVEYOR HAS NOT PHYSICALLY LOCATED THE UNDERGROUND UTILITIES.

SITE: FREEPORT KS-0005

I HAVE REVIEWED THE SURVEYED PLAT AND CERTIFY THE PLAT TO BE IN COMPLIANCE WITH KANSAS SURVEY REQUIREMENTS.

Surveyor Date

NOTE:
260' GUYED TOWER

NOTE:
CONSTRUCT 6' CHAINLINK FENCE UNDER 3 STRANDS OF BARBED WIRE AROUND TOWER SITE.

NOTE:
CONSTRUCT 12' WIDE GRAVEL DRIVE FROM WEST EDGE OF US HIGHWAY 266 R/W TO TOWER SITE

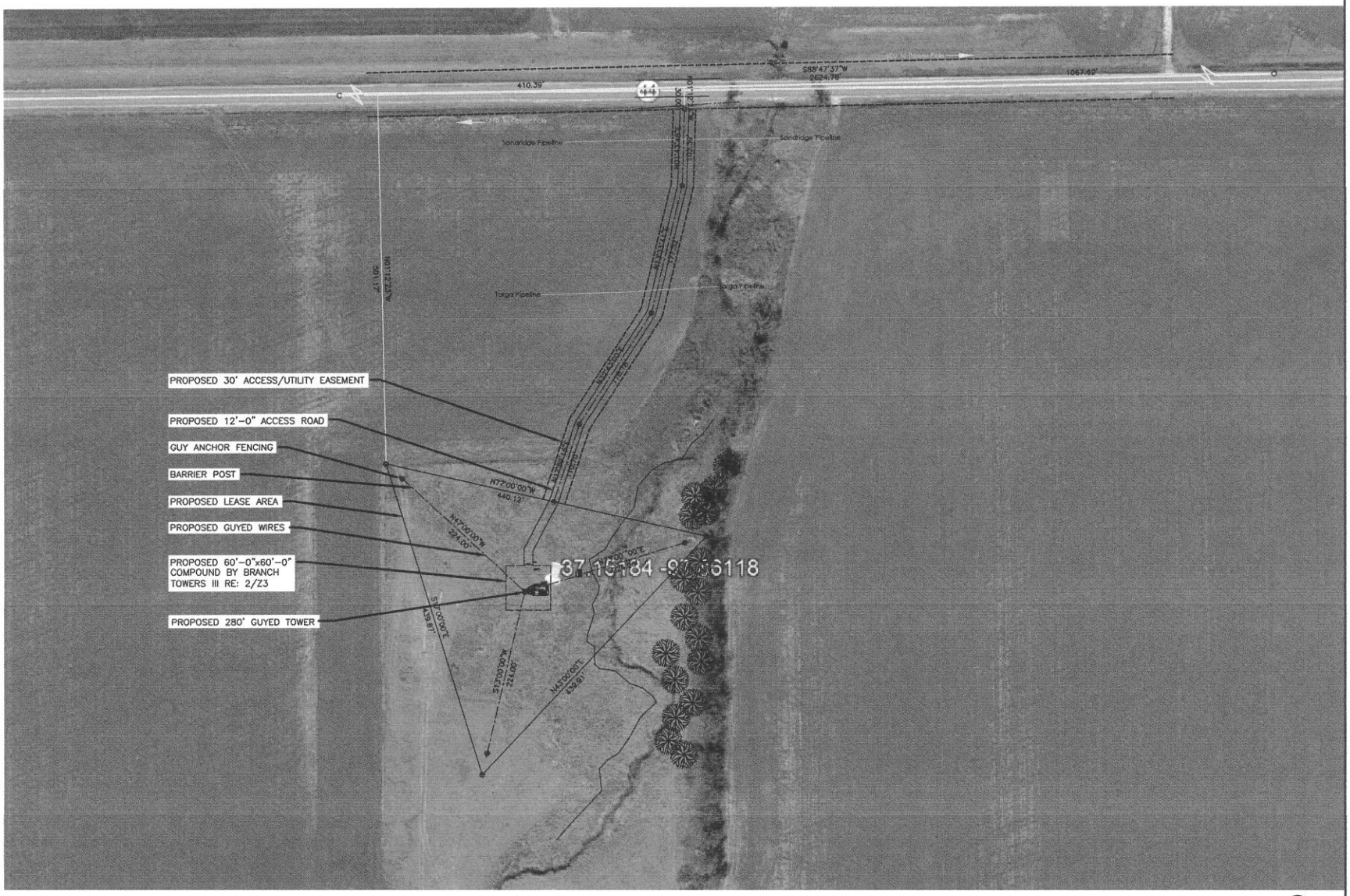
NAD 83 KANSAS SOUTH	
N:1456633.48'	
E:1635323.26'	
LAT: 37°03'27.683"	
LONG: 97°23'35.459"	
GROUND ELEV: 1135.13' NAVD 88	

FOR: BRANCH TOWERS III

BY: Gilson Enterprises-Surveyors
201 West 5th Avenue
Hutchinson, Kansas 67501

JOB LOCATION: NE/4 SECTION 28, T33S, R5W
HARPER COUNTY, KANSAS

BOOK NO.	JOB NO.	DATE	
	SUR04619	1/8/2020	Sheet 1 of 1



1 **AERIAL SITE PLAN**

SCALE: N.T.S.

TRUE NORTH
(3° 42.68' East)
MAG

VENDOR:

BRANCH TOWERS

BRANCH TOWERS
7335 S LEWIS AVE STE 300
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(918) 949-4551

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SITE NAME:

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KS-0005

SITE ADDRESS:

NE/4 SECTION 28, T33S, R05W
FREEPORT KS 67049

ENGINEER:

PRELIMINARY - NOT FOR CONSTRUCTION

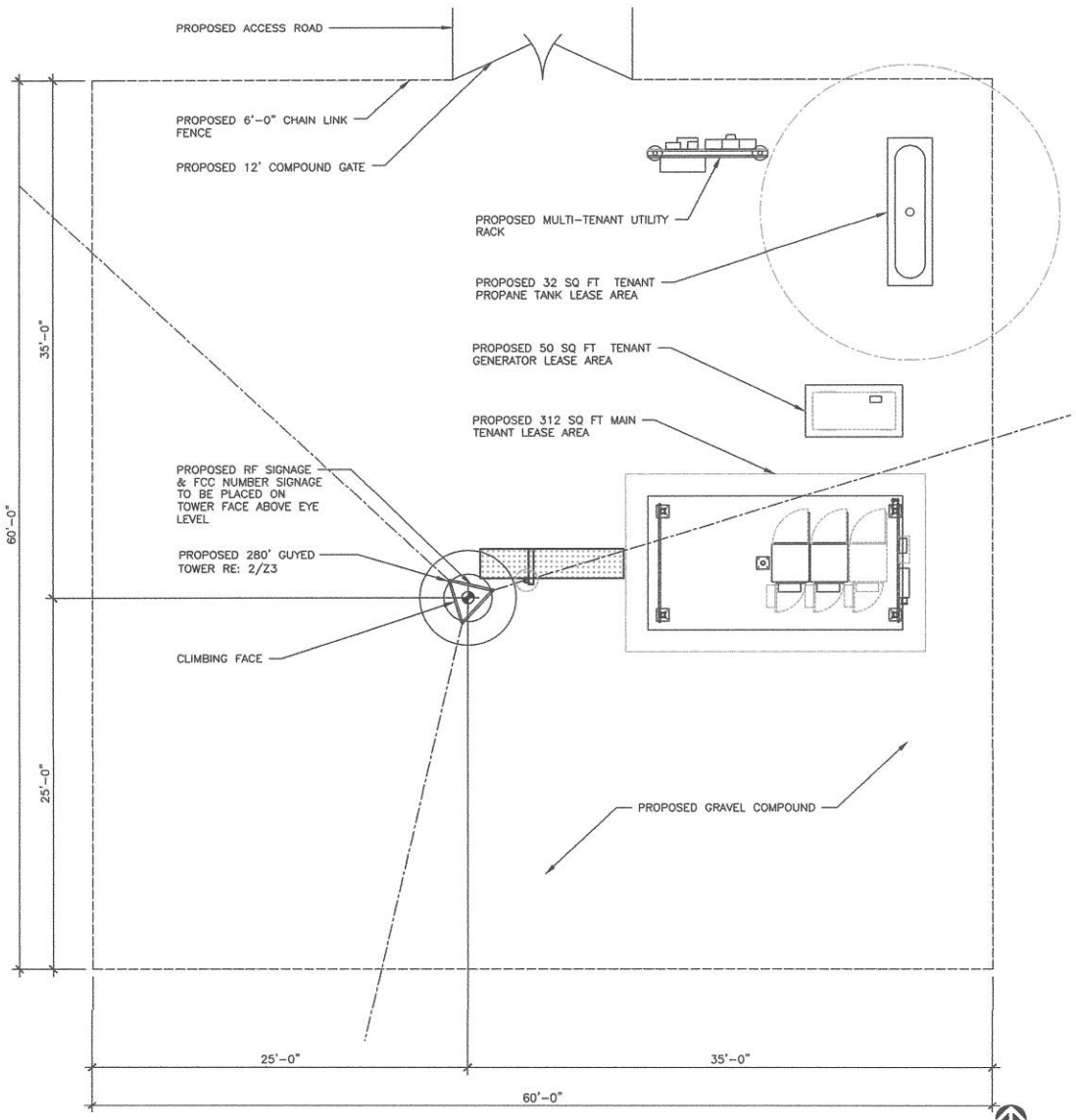
NO	DATE	DESCRIPTION	BY
A	1/10/20	PRELIMINARY ISSUE	BDH

SHEET TITLE:

AERIAL SITE PLAN

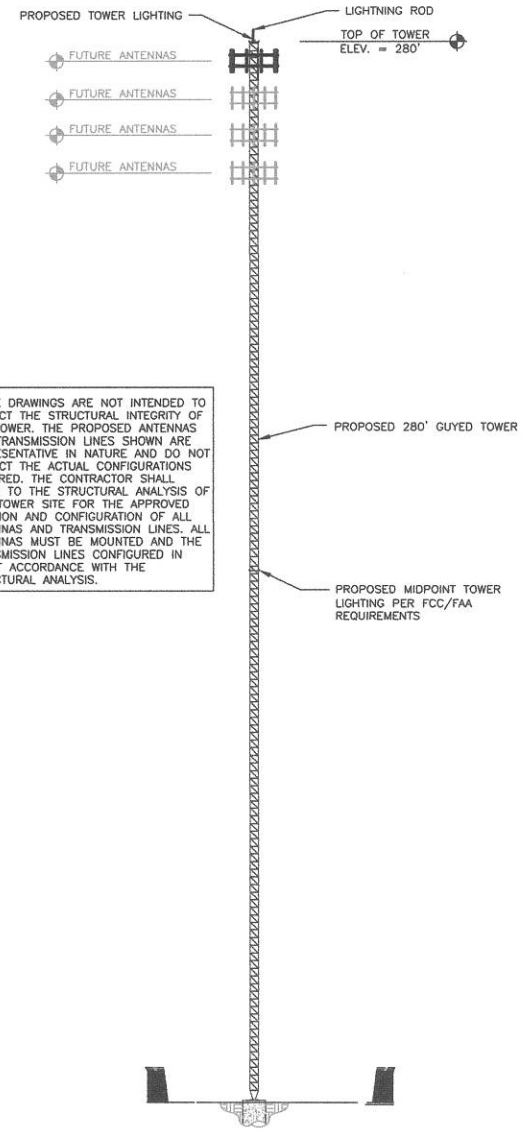
SHEET NUMBER:	PROJECT #:		REVISION:
Z2	KS-0005		A
	BY: BDH	CKD BY: JWM	

KS-0005 Freeport 010920 Rev A Zoning drawings.dwg — Sheet:Z2 — User: Brian Hambsch — Jan 10, 2020 — 10:39am



1 SITE PLAN

SCALE: 0' 5' 10' 20' 30'



THESE DRAWINGS ARE NOT INTENDED TO REFLECT THE STRUCTURAL INTEGRITY OF THE TOWER. THE PROPOSED ANTENNAS AND TRANSMISSION LINES SHOWN ARE REPRESENTATIVE IN NATURE AND DO NOT REFLECT THE ACTUAL CONFIGURATIONS REQUIRED. THE CONTRACTOR SHALL REFER TO THE STRUCTURAL ANALYSIS OF THIS TOWER SITE FOR THE APPROVED LOCATION AND CONFIGURATION OF ALL ANTENNAS AND TRANSMISSION LINES. ALL ANTENNAS MUST BE MOUNTED AND THE TRANSMISSION LINES CONFIGURED IN STRICT ACCORDANCE WITH THE STRUCTURAL ANALYSIS.

2 TOWER ELEVATION

SCALE: N.T.S.

VENDOR:

BRANCH TOWERS
BRANCH TOWERS
7335 S LEWIS AVE STE 300
TULSA, OKLAHOMA 7436
(918) 949-4551

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ENGINEER:

PRELIMINARY - NOT FOR CONSTRUCTION

NO	DATE	DESCRIPTION	BY
A	1/10/20	PRELIMINARY ISSUE	BDH

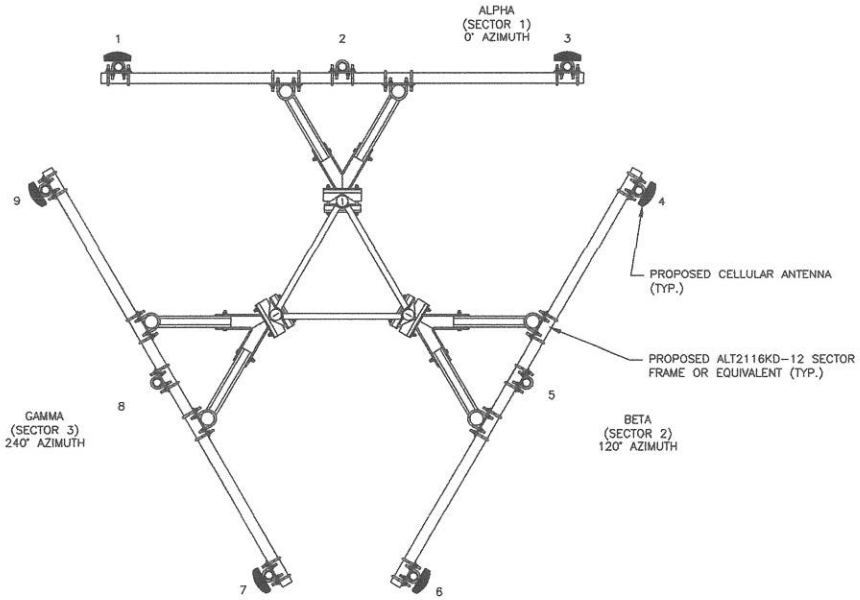
SHEET TITLE: SITE PLAN AND TOWER ELEVATON

SHEET NUMBER:	PROJECT #:		REVISION:
Z3	KS-0005		A
	BY: BDH	CKD BY: JWM	

KS-0005 Freeport 010920 Rev A Zoning drawings.dwg - Sheet Z3 - User: Brian.Helmbach - Jan 10, 2020 - 10:59am

ANTENNA/MICROWAVE SCHEDULE

ANTENNA POSITION	COAX COLOR CODE	AZIMUTH (DEGREES) (TN)	SECTOR	RAD CENTER (FEET)	ANTENNA VENDOR	PROPOSED ANTENNA MODEL #	MECHANICAL DOWNTILT (DEGREES)	TECH
1	TX0/RX1: RED 1	0°	ALPHA	275'-0"	ANTEL	900187000	0°	5G
2	TX0/RX0: RED 1/WHITE 1 TX1/RX1: RED 2/WHITE 1	---	---	---	---		--	--
3	RX1: RED 2	0°	ALPHA	275'-0"	ANTEL	900187000	0°	5G
4	TX0/RX1: BLUE 1	120°	BETA	275'-0"	ANTEL	900187000	--	--
5	TX0/RX0: BLUE 1/WHITE 1 TX1/RX1: BLUE 2/WHITE 1	---	---	---	---		0°	5G
6	RX1: BLUE 2	120°	BETA	275'-0"	ANTEL	900187000	--	--
7	TX0/RX1: GREEN 1	240°	GAMMA	275'-0"	ANTEL	900187000	0°	5G
8	TX0/RX0: GREEN 1/WHITE 1 TX1/RX1: GREEN 2/WHITE 1	---	---	---	---		--	--
9	RX1: GREEN 2	240°	GAMMA	275'-0"	ANTEL	900187000	0°	5G
COLOR CODING PROVIDED BY OWNER		(1) NEW 1 5/8" HYBRID CABLE FOR LTE AND (6) 1 5/8" COAX FOR CDMA						



1 TOWER PLAN VIEW AND ANTENNA SCHEDULE

SCALE: N.T.S.

TRUE NORTH
(3° 42.68' East)
MAG

VENDOR:

Branch

BRANCH TOWERS

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ANTENNA PLAN

SHEET NUMBER:	PROJECT #:		REVISION:
Z4	KS-0005		A
	BY: BDH	CKD BY: JWM	

KS-0005 Freeport 010920 Rev A Zoning drawings.dwg - Sheet Z4 - User: Brian.Heimbach - Jan 10, 2020 - 10:59am