

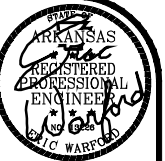


SITE NAME

JONESBORO NE - ARKANSAS



VICINITY MAP



HE
ENGINEERING EXCELLENCE
Heritage Engineering
P.O. BOX 505
Benton, Arkansas 72018
(501) 939-2303
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www.HeritageEngineering.net



SHEET INDEX		PROJECT DATA		PROJECT DIRECTORY	
SHEET	TITLE	SITE NAME: _____	JONESBORO NE	VERIZON'S PROJECT MANAGER: _____	JAMES BRYANT
Z1	COVER SHEET	STATE: _____	ARKANSAS	PHONE NUMBER: _____	(501) 905-6821
Z2	BOUNDARY SURVEY	COUNTY: _____	CRAIGHEAD	CELL PHONE NUMBER: _____	N/A
Z3	OVERALL SITE & TOPO COMPOUND PLAN	911 ADDRESS: _____	1250 PARAGOULD RD JONESBORO, AR 72401	VERIZON'S REAL ESTATE MANAGER: _____	SHANNON SWEETIN
Z4	TOWER ELEVATION & ANTENNA DETAILS	TOWER/SITE OWNER: _____	VERIZON WIRELESS	ADDRESS: _____	ONE VERIZON DRIVE LITTLE ROCK, AR. 72202
		ADDRESS: _____	ONE VERIZON DRIVE LITTLE ROCK, AR. 72202	PHONE NUMBER: _____	(501) 905-8972
		PROJECT: _____	NEW MONOPOLE TOWER SITE	ENGINEER: _____	HERITAGE ENGINEERING
		VZW PROJECT NO: _____	N/A	CONTACT PERSON: _____	ERIC WARFORD
		VZW SITE NO: _____	N/A	ADDRESS: _____	P.O. BOX 505 BENTON, ARKANSAS 72018
		PARENT PROPERTY OWNER: _____	DAVID ABERNATHY	PHONE NO: _____	(501) 939 - 2303
		CONTACT: _____	DAVID ABERNATHY	SURVEYOR: _____	CORNERSTONE SURVEYING
		ADDRESS: _____	P.O. BOX 1368 JONESBORO, AR 72403	CONTACT PERSON: _____	JARED R. PAVATT
		PHONE NO: _____	870-935-4540	ADDRESS: _____	P.O. BOX 1074 GREENBRIER, AR 72058
		ELECTRIC UTILITY _____	JONESBORO CITY WATER AND LIGHT	PHONE NO: _____	501-679-1318
		PHONE NO: _____	870-930-3300		
		CONTACT PERSON: _____	N/A		
		TELEPHONE COMPANY: _____	SUDDENLINK		
		PHONE NO: _____	844-874-7558		
		CONTACT PERSON: _____	N/A		
		TOWER DATA			
		TOWER TYPE: _____	NEW MONOPOLE TOWER		
		TOWER HEIGHT: _____	135'		
		PROPOSED ANTENNA CENTERLINE: _____	130'		
		LATITUDE: _____	N 35° 51' 26.21" (NAD 83)		
		LONGITUDE: _____	W 90° 38' 20.22" (NAD 83)		
		GROUND ELEVATION: _____	270.4' (AMSL)		
		EQUIPMENT PAD DATA			
		EQUIP. PADS: _____	3'-0"x8'-0" & 4'-0"x9'-0"		
		MANUFACTURER: _____	N/A		
		ADDRESS: _____	N/A		
		PHONE NUMBER: _____	N/A		
		GROUNDING: _____	TYPICAL		
DRIVE TO DIRECTIONS					
FROM 1 ALLIED DR GET ON I-30 E/US-167 N/US-65 N FROM CANTRELL RD AND LA HARPE BLVD 8 MIN (3.3 MI). FOLLOW US-67 N TO AR-226 E IN LITTLE TEXAS TOWNSHIP. TAKE EXIT 102 FROM US-67 N 1 H 32 MIN (107 MI). CONTINUE ON AR-226 E. TAKE AR-349 AND W JOHNSON AVE TO CREPE MYRTLE DR IN					

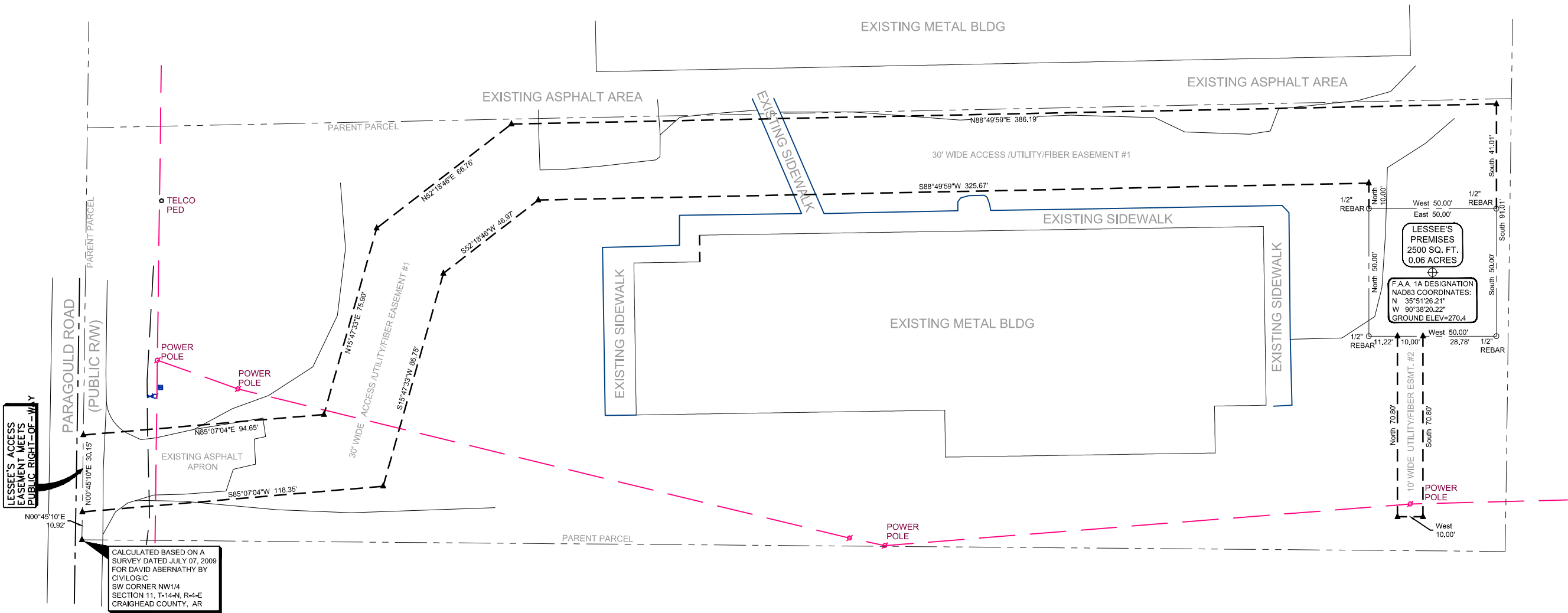
JONESBORO NE - ARKANSAS
NEW 135' MONOPOLE TOWER

PROJECT: _____
SHEET TITLE: _____

HE JOB NO.: 2019-0202
FILE NAME: 19020221.DWG
PLOT SCALE: 1:1
ISSUE DATE 1: 16 JUNE 20

WARNING
0 1/2 1
IF THIS BAR DOES NOT MEASURE
1" THEN DRAWING HAS BEEN
REDUCED AND IS NOT TO SCALE
SCALE: NTS
DESIGNED BY: HERITAGE
DRAWN BY: HERITAGE
CHECKED BY: EAW

SHEET No.
Z1



GENERAL NOTES:

1. TRACT IS SUBJECT TO RESTRICTIVE COVENANTS, SUBDIVISION, PLANNING AND ZONING REGULATIONS OF RECORD, IF ANY, AND IS SUBJECT TO SUCH FACTS AS AN ACCURATE AND CURRENT TITLE SEARCH MAY DISCLOSE.
2. NO STATEMENT IS MADE CONCERNING SUBSURFACE CONDITIONS OR OVERHEAD CONTAINERS OR FACILITIES WHICH MAY AFFECT THE USE OR DEVELOPMENT OF THE TRACT, ENVIRONMENTAL AND SUBSURFACE CONDITIONS WERE NOT EXAMINED AS PART OF THIS SURVEY.
3. THIS PROPERTY IS SUBJECT TO ALL ROADWAYS, EASEMENTS AND/OR RESERVATIONS THAT ARE OF RECORD OR ARE PHYSICALLY IN PLACE.
4. BEARINGS ARE REFERENCED TO ARKANSAS STATE PLANE GRID NORTH (NAD83).
5. THE PURPOSE OF THIS SURVEY IS TO ESTABLISH AND DESCRIBE A LEASE PARCEL AND ASSOCIATED EASEMENTS. THIS IS NOT A BOUNDARY SURVEY OF THE PARENT PARCEL.
6. THE LESSEE'S LAND SPACE AND RIGHTS OF WAY LIE ENTIRELY ON AND WITHIN THE PARENT PARCEL UNLESS OTHERWISE NOTED OR SHOWN HEREON.
7. THE LESSEE'S LAND SPACE LIES IN FLOOD XONE "X", AREA OF MINIMAL FLOOD HAZARD, ACCORDING TO FLOOD INSURANCE RATE MAP #05031C0063C, SEPTEMBER 27, 1991.

LESSEE'S PREMISES

BEING A PART OF THE SOUTH 1/2, NW1/4, SECTION 11, T-14-N, R-11-E, CRAIGHEAD COUNTY, ARKANSAS MORE PARTICULARLY DESCRIBED AS: BEGINNING AT THE SOUTHWEST CORNER OF THE SAID S1/2, SW1/4; THENCE N00°45'10"E 10.92 FEET; THENCE CONTINUING N00°45'10"E 30.15 FEET; THENCE N85°07'04"E 94.65 FEET; THENCE N15°47'33"E 75.90 FEET; THENCE N52°18'46"E 66.76 FEET; THENCE N88°49'59"E 386.19 FEET; THENCE SOUTH 41.01 FEET TO THE TRUE POINT OF BEGINNING; THENCE CONTINUING SOUTH 50.00 FEET; THENCE WEST 50.00 FEET; THENCE NORTH 50.00 FEET; THENCE EAST 50.00 FEET TO THE POINT OF BEGINNING CONTAINING 2500 SQUARE FEET, 0.06 ACRES, MORE OR LESS.

LESSEE'S 35' WIDE ACCESS/UTILITY/FIBER EASEMENT #1

BEING A PART OF THE SOUTH 1/2, NW1/4, SECTION 11, T-14-N, R-11-E, CRAIGHEAD COUNTY, ARKANSAS MORE PARTICULARLY DESCRIBED AS: BEGINNING AT THE SOUTHWEST CORNER OF THE SAID S1/2, SW1/4; THENCE N00°45'10"E 10.92 FEET TO THE TRUE POINT OF BEGINNING, SAID POINT BEING IN PARAGOULD ROAD, THENCE CONTINUING ALONG AND WITH PARAGOULD ROAD N00°45'10"E 30.15 FEET; THENCE LEAVING SAID ROAD N85°07'04"E 94.65 FEET; THENCE N15°47'33"E 75.90 FEET; THENCE N52°18'46"E 66.76 FEET; THENCE N88°49'59"E 386.19 FEET; THENCE SOUTH 41.01 FEET; THENCE WEST 50.00 FEET; THENCE NORTH 10.00 FEET; THENCE S88°49'59"W 325.67 FEET; THENCE S52°18'46"W 46.97 FEET; THENCE S15°47'33"W 86.75 FEET; THENCE S85°07'04"W 118.35 FEET TO THE POINT OF BEGINNING.

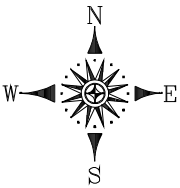
LESSEE'S 10' WIDE UTILITY/FIBER EASEMENT #2

BEING A PART OF THE SOUTH 1/2, NW1/4, SECTION 11, T-14-N, R-11-E, CRAIGHEAD COUNTY, ARKANSAS MORE PARTICULARLY DESCRIBED AS: BEGINNING AT THE SOUTHWEST CORNER OF THE SAID S1/2, SW1/4; THENCE N00°45'10"E 10.92 FEET; THENCE CONTINUING N00°45'10"E 30.15 FEET; THENCE N85°07'04"E 94.65 FEET; THENCE N15°47'33"E 75.90 FEET; THENCE N52°18'46"E 66.76 FEET; THENCE N88°49'59"E 386.19 FEET; THENCE SOUTH 91.01 FEET; THENCE WEST 28.78 FEET TO THE TRUE POINT OF BEGINNING; THENCE SOUTH 70.80 FEET; THENCE WEST 10.00 FEET; THENCE NORTH 70.80 FEET; THENCE EAST 10.00 FEET TO THE POINT OF BEGINNING.

LEGEND

These standard symbols may or may not be found in the drawing.

- FOUND PROPERTY CORNER
- SET IRON PIN
- ▲ CALCULATED OR ANGLE POINT
- ▣ WATER METER BOX
- ⊙ POWER POLE OR SERVICE POLE
- ⊕ TELCO PEDESTAL
- ⊕ F.A.A. 1A LOCATION
- ⊕ SANITARY SEWER MANHOLE
- ⊕ FIRE HYDRANT
- ③ TITLE EXCEPTION REFERENCE



BEARINGS ARE BASED ON ARKANSAS STATE PLANE GRID NORTH DERIVED FROM GPS OBSERVATIONS.



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PROPOSED TOWER

CENTER LAT/LONG (NAD83)

LAT: 35° 51' 26.21" N

LONG: 90° 38' 20.22" W

EXIST. GROUND ELEVATION (NAVD88)

ELEVATION: 270.4 FEET (AMSL)

SITE WORK NOTES:

1. TOPOGRAPHIC & BOUNDARY DATA WERE TAKEN FROM A SURVEY PREPARED BY CORNERSTONE SURVEYING & MAPPING RECEIVED ON 06 JUNE 2019.
2. CONTRACTOR IS SOLELY RESPONSIBLE TO LOCATE ALL EXISTING UNDERGROUND UTILITIES. NO EXISTING UTILITIES SHALL BE DISTURBED WITHOUT THE WRITTEN APPROVAL OF APPROPRIATE AUTHORITIES.
3. AREA UNDER AND AROUND WHERE EQUIPMENT SHELTER FOUNDATION SLAB IS TO BE CONSTRUCTED IS TO BE CHECKED BY A REPRESENTATIVE OF OWNER'S MATERIALS LABORATORY. SHOULD THE SITE CONDITIONS REQUIRE, THIS AREA SHALL BE UNDERCUT AND REPLACED WITH SELECT FILL IN ACCORDANCE WITH NOTE 4.
4. ALL MATERIAL USED FOR FILL WITHIN THE COMPOUND AREA SHALL BE APPROVED BY THE OWNER'S MATERIALS LABORATORY. APPROVED MATERIAL USED AS FILL SHALL BE PLACED IN HORIZONTAL LIFTS HAVING A MAXIMUM LOOSE LIFT THICKNESS OF EIGHT (8) INCHES. EACH LIFT SHALL BE COMPACTED TO MAXIMUM OF 95 PERCENT OF THE MAXIMUM DRY DENSITY AS DETERMINED BY THE MODIFIED PROCTOR COMPACTION PROCEDURES (ASTM D 1157). ADDITIONALLY, COMPACTION TESTS SHALL BE TAKEN ON EVERY OTHER LIFT.
5. CONTRACTOR SHALL INSTALL/USE ALL REQUIRED EQUIPMENT SO AS TO STANDARDS DICTATED BY O.S.H.A., FEDERAL, STATE COMPLY WITH ALL SAFETY STANDARDS AND LOCAL REGULATIONS
6. CONTRACTOR SHALL COORDINATE WITH APPROPRIATE UTILITY COMPANY AS LISTED ON THE COVER SHEET FOR ADJUSTMENT OF UTILITY LINES AFFECTED BY CUT AND FILL.
7. AREAS TO BE GRADED SHALL BE CLEARED AND GRUBBED SO AS TO REMOVE ALL ORGANIC MATERIAL INCLUDING BUT NOT LIMITED TO VEGETATION, TREES, ROOTS, DEBRIS OR OTHER MATERIALS THAT WOULD AFFECT THE STABILITY OF FILL. IF UNCERTAINTY EXISTS AS TO THE SUITABILITY OF ANY MATERIAL, THE CONTRACTOR SHALL HAVE A REGISTERED GEOTECHNICAL ENGINEER MAKE THE FINAL DETERMINATION
8. CONTRACTOR SHALL ENSURE THAT THE FILL MATERIAL BE FREE OF ORGANIC MATERIALS, FROZEN MATERIALS, MUCK, HIGHLY COMPRESSIBLE MATERIALS, ROCKS, RUBBISH, TIMBER, BRUSH, STUMPS, BUILDING DEBRIS AND OTHER MATERIALS THAT WOULD NEGATIVELY AFFECT THE FILL MATERIAL
9. CONTRACTOR SHALL STOCK PILE AND MAINTAIN ALL GOOD TOP SOIL REMOVED FROM AREAS TO BE GRADED AND FILLED FOR USE IN THE FINAL GRADING.
10. CONTRACTOR SHALL PROOF ROLL SUBGRADE OF ALL AREAS TO BE GRAVELED PRIOR TO INSTALLATION OF GRAVEL MATERIALS. ANY SOFT AREAS SHALL BE REMOVED AND REPLACED WITH SELECT FILL AND COMPACT AS NOTED IN THE DETAILS.
11. CONTRACTOR IS SOLELY RESPONSIBLE FOR ALL EROSION CONTROL MEASURES.

NOTES BY SYMBOL "○"

- | | |
|---|--|
| ① NEW 135' MONOPOLE TOWER | ⑫ WAVE GUIDE BRIDGE APPROX 4 L.F. |
| ② 50'x50' LEASE AREA | ⑬ CONTRACTOR TO INSTALL TWO GATE KEEPER DEVICES |
| ③ 30'-WIDE UTILITY & INGRESS/EGRESS EASEMENT | ⑭ NEW UTILITY POLE, COORDINATE FINAL LOCATION WITH UTILITY COMPANY AND PROJECT'S CONSTRUCTION MANAGER. |
| ④ LIMITS OF GRAVEL | ⑮ 5' WIDE LANDSCAPING ZONE AROUND FENCED COMPOUND |
| ⑤ CRUSHED STONE SURFACE | ⑯ STA. 0+00.00 - INTERSECTION OF EXIST. ASPHALT APRON AND EDGE OF PARAGOULD ROAD (ASPHALT ROAD.) |
| ⑥ 40'x40' FENCED COMPOUND W/ 8' TALL OPAQUE CHAIN LINK FENCE | ⑰ STA. 05+89.55 END CL VZW ACCESS EASEMENT AND BEGIN NEW TURNAROUND AREA |
| ⑦ UTILITY DISTRIBUTION RACK | ⑱ 10' WIDE UTILITY EASEMENT |
| ⑧ SLOPE NEW GRAVEL SURFACE TO DRAIN AWAY FROM VERIZON'S PLATFORM. | ⑲ PROPOSED 28' RADIUS TOWER FALL ZONE |
| ⑨ NEW PAD FDN. FOR VERIZON'S. 3'-0"x8'-0" EQUIPMENT PAD | |
| ⑩ NEW PAD FDN. FOR VERIZON'S. 4'-0"x9'-0" GENERATOR PAD | |
| ⑪ CENTER LINE OF TOWER | |

⑯ STA. 0+00.00 - INTERSECTION OF EXIST. ASPHALT APRON AND EDGE OF PARAGOULD ROAD (ASPHALT ROAD.)

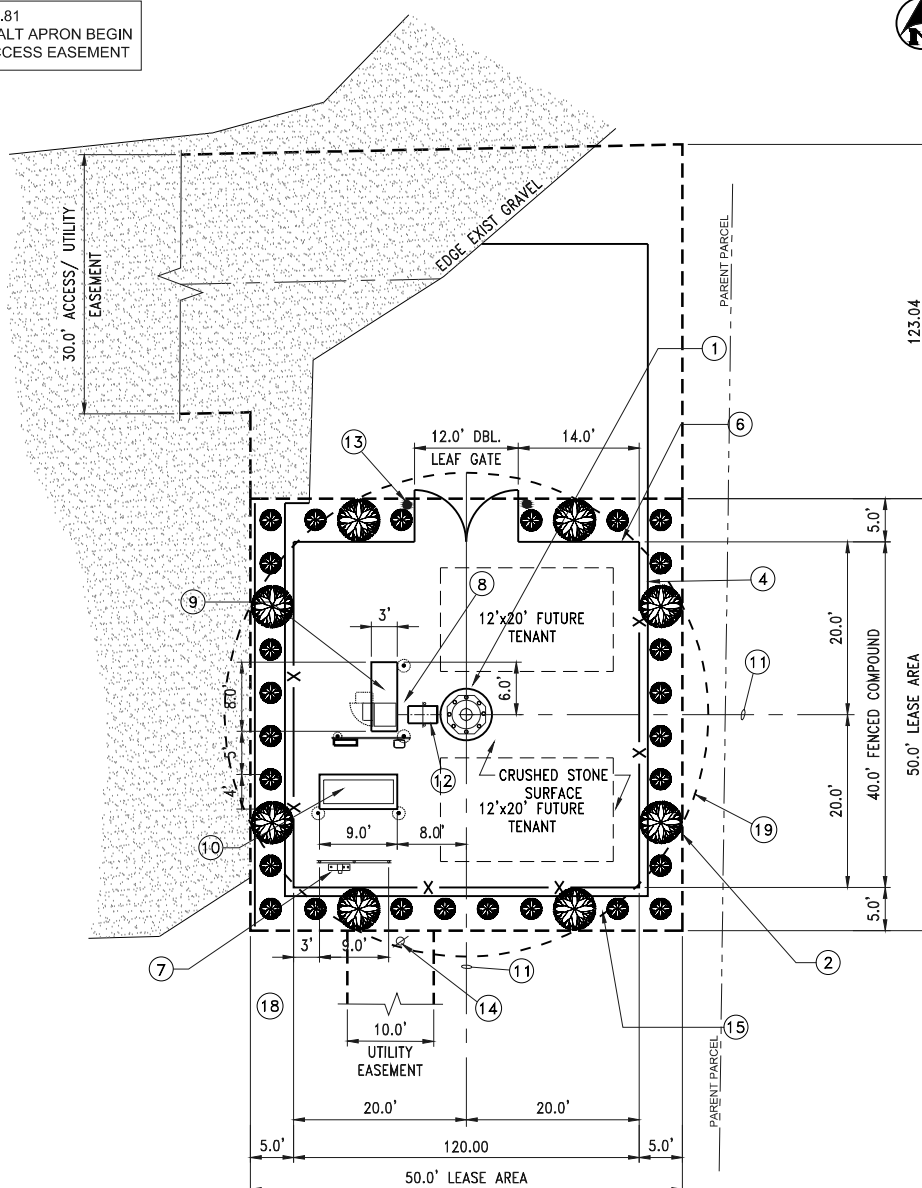
LESSEE'S ACCESS EASEMENT MEETS PUBLIC RIGHT-OF-WAY

CALCULATED BASED ON A SURVEY DATED JULY 07, 2009 FOR DAVID ABERNATHY BY CIVILLOGIC SW CORNER NW1/4 SECTION 11, T-14-N, R-4-E CRAIGHEAD COUNTY, AR

STA. 00+59.81 END ASPHALT APRON BEGIN CL VZW ACCESS EASEMENT

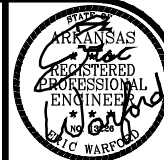
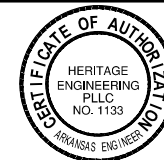
ENVIRONMENTAL INFORMATION

CITY: JONESBORO
COUNTY: CRAIGHEAD
STATE: ARKANSAS
911 ADDRESS: 1250 PARAGOULD RD.
JONESBORO, AR. 72401



ENLARGED LEASE EXHIBIT

SCALE: 1 = 10



Heritage Engineering

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JONESBORO NE - ARKANSAS

NEW 135' MONOPOLE TOWER

OVERALL SITE & ENLARGED COMPOUND PLAN

SHEET TITLE:

HE JOB NO.: 2019-0202

FILE NAME:

PLOT SCALE: 1:30

ISSUE DATE 1: 16 JUNE 20

WARNING

0 1/2 1

IF THIS BAR DOES NOT MEASURE 1" THEN DRAWING HAS BEEN REDUCED AND IS NOT TO SCALE

SCALE:

DESIGNED BY: EAW

DRAWN BY: HERITAGE

CHECKED BY: EAW

SHEET No.

Z3

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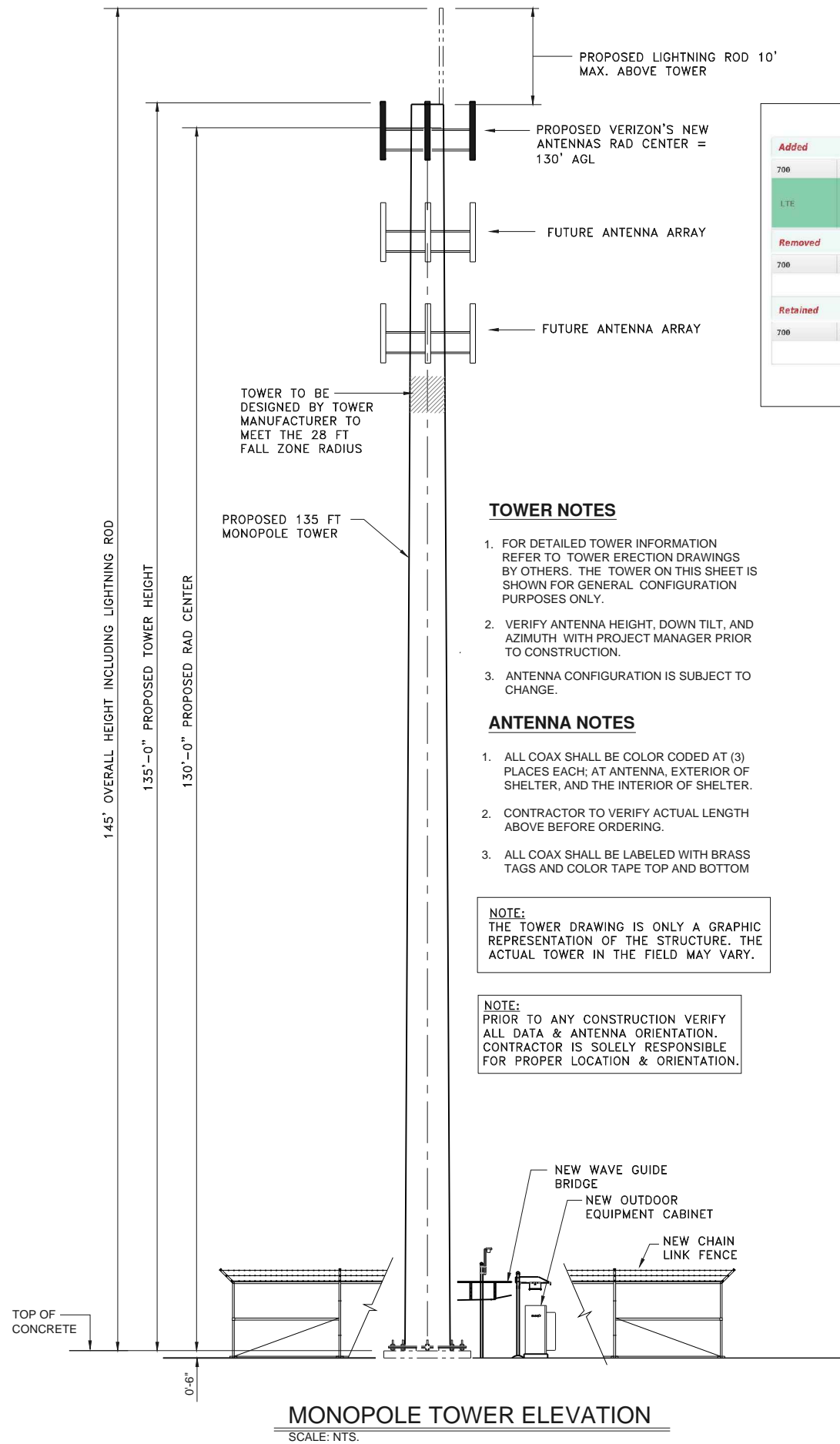
JONESBORO NE - ARKANSAS
NEW 135' MONOPOLE TOWER

TOWER ELEVATION & ANTENNA DETAIL

PROJECT: JONESBORO NE - ARKANSAS
SHEET TITLE: TOWER ELEVATION & ANTENNA DETAIL
HE JOB NO.: 2019-0202
FILE NAME: 19020224.DWG
PLOT SCALE: 1:96
ISSUE DATE 1: 05 AUG 2019

WARNING
0 1/2 1
IF THIS BAR DOES NOT MEASURE
1" THEN DRAWING HAS BEEN
REDUCED AND IS NOT TO SCALE
SCALE: NTS
DESIGNED BY: HERITAGE
DRAWN BY: HERITAGE
CHECKED BY: EAW

SHEET No.
Z4



TOWER NOTES

1. FOR DETAILED TOWER INFORMATION REFER TO TOWER ERECTION DRAWINGS BY OTHERS. THE TOWER ON THIS SHEET IS SHOWN FOR GENERAL CONFIGURATION PURPOSES ONLY.
2. VERIFY ANTENNA HEIGHT, DOWN TILT, AND AZIMUTH WITH PROJECT MANAGER PRIOR TO CONSTRUCTION.
3. ANTENNA CONFIGURATION IS SUBJECT TO CHANGE.

ANTENNA NOTES

1. ALL COAX SHALL BE COLOR CODED AT (3) PLACES EACH; AT ANTENNA, EXTERIOR OF SHELTER, AND THE INTERIOR OF SHELTER.
2. CONTRACTOR TO VERIFY ACTUAL LENGTH ABOVE BEFORE ORDERING.
3. ALL COAX SHALL BE LABELED WITH BRASS TAGS AND COLOR TAPE TOP AND BOTTOM

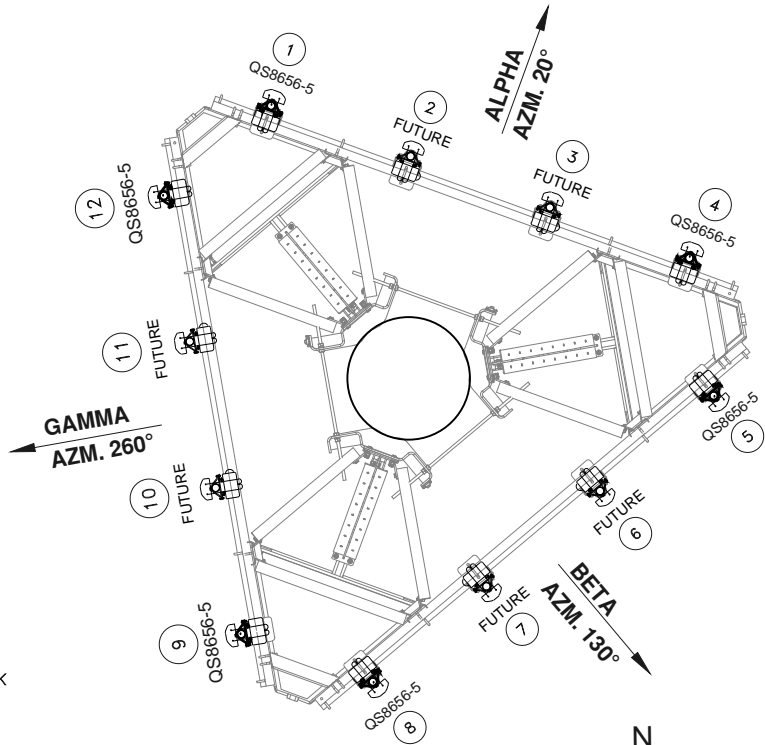
NOTE:
THE TOWER DRAWING IS ONLY A GRAPHIC REPRESENTATION OF THE STRUCTURE. THE ACTUAL TOWER IN THE FIELD MAY VARY.

NOTE:
PRIOR TO ANY CONSTRUCTION VERIFY ALL DATA & ANTENNA ORIENTATION. CONTRACTOR IS SOLELY RESPONSIBLE FOR PROPER LOCATION & ORIENTATION.

Antenna Summary																			
Added																			
700	850	1900	AWS	AWS3	28 GHz	31 GHz	39 GHz	CBRS	LAA	Make	Model	Centerline	Tip Height	Azimuth	RET	4xRx	Inst. Type	Quantity	
LTE	LTE	LTE	LTE	LTE						QUINTEL	QS8656-5D V2	130	134	90(02) 210(03) 330(01)	true	true	PHYSICAL	6	
Removed																			
700	850	1900	AWS	AWS3	28 GHz	31 GHz	39 GHz	CBRS	LAA	Make	Model	Centerline	Tip Height	Azimuth	RET	4xRx	Inst. Type	Quantity	
No data available.																			
Retained																			
700	850	1900	AWS	AWS3	28 GHz	31 GHz	39 GHz	CBRS	LAA	Make	Model	Centerline	Tip Height	Azimuth	RET	4xRx	Inst. Type	Quantity	
No data available.																			
										Added: 6		Removed: 0		Retained: 0					



OPAQUE FENCE DETAIL
SCALE: NTS.



ANTENNA DETAIL
SCALE: NTS.

