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PUBLIC SERVICE COMMISSION

COMMONWEALTH OF KENTUCKY
BEFORE THE PUBLIC SERVICE COMMISSION

In the Matter of:

THE APPLICATION OF	)	
NEW CINGULAR WIRELESS PCS, LLC,	)	
A DELAWARE LIMITED LIABILITY COMPANY,	)	
D/B/A AT&T MOBILITY	)	
FOR ISSUANCE OF A CERTIFICATE OF PUBLIC	)	CASE NO.: 2018-00388
CONVENIENCE AND NECESSITY TO CONSTRUCT	)	
A WIRELESS COMMUNICATIONS FACILITY	)	
IN THE COMMONWEALTH OF KENTUCKY	)	
IN THE COUNTY OF WAYNE	)	

SITE NAME: DOBBS HOLLOW FN

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APPLICATION FOR
CERTIFICATE OF PUBLIC CONVENIENCE AND NECESSITY
FOR CONSTRUCTION OF A WIRELESS COMMUNICATIONS FACILITY

New Cingular Wireless PCS, LLC, a Delaware limited liability company, d/b/a AT&T Mobility ("Applicant"), by counsel, pursuant to (i) KRS §§ 278.020, 278.040, 278.650, 278.665, and other statutory authority, and the rules and regulations applicable thereto, and (ii) the Telecommunications Act of 1996, respectfully submits this Application requesting issuance of a Certificate of Public Convenience and Necessity ("CPCN") from the Kentucky Public Service Commission ("PSC") to construct, maintain, and operate a Wireless Communications Facility ("WCF") to serve the customers of the Applicant with wireless communications services.

In support of this Application, Applicant respectfully provides and states the following information:

1. The complete name and address of the Applicant: New Cingular Wireless PCS, LLC, a Delaware limited liability company, d/b/a AT&T Mobility, having a local address of Meidinger Tower, 462 S. 4th Street, Suite 2400, Louisville, KY 40202.

2. Applicant proposes construction of an antenna tower for communications services, which is to be located in an area outside the jurisdiction of a planning commission, and Applicant submits this application to the PSC for a certificate of public convenience and necessity pursuant to KRS §§ 278.020(1), 278.040, 278.650, 278.665, and other statutory authority.

3. The Certificate of Authority filed with the Kentucky Secretary of State for the Applicant entity was attached to a prior application and is part of the case record for PSC case number 2011-00473 and is hereby incorporated by reference.

4. The Applicant operates on frequencies licensed by the Federal Communications Commission ("FCC") pursuant to applicable FCC requirements. A copy of the Applicant's FCC licenses to provide wireless services are attached to this Application or described as part of **Exhibit A**, and the facility will be constructed and operated in accordance with applicable FCC regulations.

5. The public convenience and necessity require the construction of the proposed WCF. The construction of the WCF will bring or improve the Applicant's services to an area currently not served or not adequately served by the Applicant by increasing coverage or capacity and thereby enhancing the public's access to innovative and competitive wireless communications services. The WCF will provide a necessary link in the Applicant's communications network that is designed to meet the increasing demands

for wireless services in Kentucky's wireless communications service area. The WCF is an integral link in the Applicant's network design that must be in place to provide adequate coverage to the service area.

6. To address the above-described service needs, Applicant proposes to construct a WCF at 297 Parmleysville Road, Monticello, KY 42633 (36°39'50.215" North latitude, 84°48'42.829" West longitude), on a parcel of land located entirely within the county referenced in the caption of this application. The property on which the WCF will be located is owned by Andrew Beale Humphreys and Michael Aaron Humphreys pursuant to a Deed recorded at Deed Book 345, Page 375 in the office of the County Clerk. The proposed WCF will consist of a 195-foot tall tower, with an approximately 4-foot tall lightning arrestor attached at the top, for a total height of 199-feet. The WCF will also include concrete foundations and a shelter or cabinets to accommodate the placement of the Applicant's radio electronics equipment and appurtenant equipment. The Applicant's equipment cabinet or shelter will be approved for use in the Commonwealth of Kentucky by the relevant building inspector. The WCF compound will be fenced and all access gate(s) will be secured. A description of the manner in which the proposed WCF will be constructed is attached as **Exhibit B** and **Exhibit C**.

7. A list of utilities, corporations, or persons with whom the proposed WCF is likely to compete is attached as **Exhibit D**.

8. The site development plan and a vertical profile sketch of the WCF signed and sealed by a professional engineer registered in Kentucky depicting the tower height, as well as a proposed configuration for the antennas of the Applicant has also been included

as part of **Exhibit B**.

9. Foundation design plans signed and sealed by a professional engineer registered in Kentucky and a description of the standards according to which the tower was designed are included as part of **Exhibit C**.

10. Applicant has considered the likely effects of the installation of the proposed WCF on nearby land uses and values and has concluded that there is no more suitable location reasonably available from which adequate services can be provided, and that there are no reasonably available opportunities to co-locate Applicant's antennas on an existing structure. When suitable towers or structures exist, Applicant attempts to co-locate on existing structures such as communications towers or other structures capable of supporting Applicant's facilities; however, no other suitable or available co-location site was found to be located in the vicinity of the site.

11. Documentation confirming that Federal Aviation Administration ("FAA") review is not required for the proposed site is attached as **Exhibit E**.

12. Documentation confirming that a Kentucky Airport Zoning Commission ("KAZC") permit is not required for the proposed site is attached as **Exhibit F.**

13. A copy of the geotechnical engineering report, signed and sealed by a professional engineer registered in the Commonwealth of Kentucky, is attached as **Exhibit G**. The name and address of the geotechnical engineering firm and the professional engineer registered in the Commonwealth of Kentucky who supervised the examination of this WCF site are included as part of this exhibit.

14. Clear directions to the proposed WCF site from the County seat are attached

as **Exhibit H**. The name and telephone number of the preparer of **Exhibit H** are included as part of this exhibit.

15. Applicant, pursuant to a written agreement, has acquired the right to use the WCF site and associated property rights. A copy of the agreement or an abbreviated agreement recorded with the County Clerk is attached as **Exhibit I**.

16. Personnel directly responsible for the design and construction of the proposed WCF are well qualified and experienced. The tower and foundation drawings for the proposed tower submitted as part of **Exhibit C** bear the signature and stamp of a professional engineer registered in the Commonwealth of Kentucky. All tower designs meet or exceed the minimum requirements of applicable laws and regulations.

17. The Construction Manager for the proposed facility is Don Murdock and the identity and qualifications of each person directly responsible for design and construction of the proposed tower are contained in **Exhibits B & C**.

18. As noted on the Survey attached as part of **Exhibit B**, the surveyor has determined that the site is not within any flood hazard area.

19. **Exhibit B** includes a map drawn to an appropriate scale that shows the location of the proposed tower and identifies every owner of real estate within 500 feet of the proposed tower (according to the records maintained by the County Property Valuation Administrator). Every structure and every easement within 500 feet of the proposed tower or within 200 feet of the access road including intersection with the public street system is illustrated in **Exhibit B**.

20. Applicant has notified every person who, according to the records of the

County Property Valuation Administrator, owns property which is within 500 feet of the proposed tower or contiguous to the site property, by certified mail, return receipt requested, of the proposed construction. Each notified property owner has been provided with a map of the location of the proposed construction, the PSC docket number for this application, the address of the PSC, and has been informed of his or her right to request intervention. A list of the notified property owners and a copy of the form of the notice sent by certified mail to each landowner are attached as **Exhibit J** and **Exhibit K**, respectively.

21. Applicant has notified the applicable County Judge/Executive by certified mail, return receipt requested, of the proposed construction. This notice included the PSC docket number under which the application will be processed and informed the County Judge/Executive of his/her right to request intervention. A copy of this notice is attached as **Exhibit L**.

22. Notice signs meeting the requirements prescribed by 807 KAR 5:063, Section 1(2) that measure at least 2 feet in height and 4 feet in width and that contain all required language in letters of required height, have been posted, one in a visible location on the proposed site and one on the nearest public road. Such signs shall remain posted for at least two weeks after filing of the Application, and a copy of the posted text is attached as **Exhibit M**. A legal notice advertisement regarding the location of the proposed facility has been published in a newspaper of general circulation in the county in which the WCF is proposed to be located. A copy of the newspaper legal notice advertisement is attached as part of **Exhibit M**.

23. The general area where the proposed facility is to be located is heavily

wooded and mountainous. There are no existing residential structures within 500' of the proposed tower location.

24. The process that was used by the Applicant's radio frequency engineers in selecting the site for the proposed WCF was consistent with the general process used for selecting all other existing and proposed WCF facilities within the proposed network design area. Applicant's radio frequency engineers have conducted studies and tests in order to develop a highly efficient network that is designed to handle voice and data traffic in the service area. The engineers determined an optimum area for the placement of the proposed facility in terms of elevation and location to provide the best quality service to customers in the service area. A radio frequency design search area prepared in reference to these radio frequency studies was considered by the Applicant when searching for sites for its antennas that would provide the coverage deemed necessary by the Applicant. A map of the area in which the tower is proposed to be located which is drawn to scale and clearly depicts the necessary search area within which the site should be located pursuant to radio frequency requirements is attached as **Exhibit N**.

25. The tower must be located at the proposed location and proposed height to provide necessary service to wireless communications users in the subject area.

26. All Exhibits to this Application are hereby incorporated by reference as if fully set out as part of the Application.

27. All responses and requests associated with this Application may be directed to:

David A. Pike
Pike Legal Group, PLLC
1578 Highway 44 East, Suite 6
P. O. Box 369
Shepherdsville, KY 40165-0369
Telephone: (502) 955-4400
Telefax: (502) 543-4410
Email: dpike@pikelegal.com

WHEREFORE, Applicant respectfully request that the PSC accept the foregoing Application for filing, and having met the requirements of KRS §§ 278.020(1), 278.650, and 278.665 and all applicable rules and regulations of the PSC, grant a Certificate of Public Convenience and Necessity to construct and operate the WCF at the location set forth herein.

Respectfully submitted,

David A. Pike
Pike Legal Group, PLLC
1578 Highway 44 East, Suite 6
P. O. Box 369
Shepherdsville, KY 40165-0369
Telephone: (502) 955-4400
Telefax: (502) 543-4410
Email: dpike@pikelegal.com
Attorney for New Cingular Wireless PCS, LLC
d/b/a AT&T Mobility

LIST OF EXHIBITS

A - FCC License Documentation

B - Site Development Plan:

500' Vicinity Map
Legal Descriptions
Flood Plain Certification
Site Plan
Vertical Tower Profile

C - Tower and Foundation Design

D - Competing Utilities, Corporations, or Persons List

E - FAA

F - Kentucky Airport Zoning Commission

G - Geotechnical Report

H - Directions to WCF Site

I - Copy of Real Estate Agreement

J - Notification Listing

K - Copy of Property Owner Notification

L - Copy of County Judge/Executive Notice

M - Copy of Posted Notices and Newspaper Notice Advertisement

N - Copy of Radio Frequency Design Search Area

EXHIBIT A
FCC LICENSE DOCUMENTATION

Federal Communications Commission
Wireless Telecommunications Bureau

RADIO STATION AUTHORIZATION

LICENSEE: NEW CINGULAR WIRELESS PCS, LLC

ATTN: CECIL J MATHEW
NEW CINGULAR WIRELESS PCS, LLC
208 S AKARD ST., RM 1015
DALLAS, TX 75202

Call Sign	File Number
KNKN666	
Radio Service CL - Cellular	
Market Numer CMA447	**Channel Block** A
Sub-Market Designator 0	

FCC Registration Number (FRN): 0003291192

Market Name
Kentucky 5 - Barren

Grant Date	Effective Date	Expiration Date	Five Yr Build-Out Date	Print Date
08-30-2011	08-31-2018	10-01-2021		

Site Information:

Location	Latitude	Longitude	Ground Elevation (meters)	Structure Hgt to Tip (meters)	Antenna Structure Registration No.
7	37-10-00.0 N	085-18-37.0 W	282.5	291.4	1062332

Address: 1210 Cane Valley Road (94238)
City: Columbia **County:** ADAIR **State:** KY **Construction Deadline:**

Antenna: 1

Maximum Transmitting ERP in Watts:	140.820							
Azimuth(from true north)	**0**	**45**	**90**	**135**	**180**	**225**	**270**	**315**
Antenna Height AAT (meters)	180.300	151.200	132.800	140.500	155.800	172.800	186.200	183.500
Transmitting ERP (watts)	250.037	98.154	10.266	2.559	0.527	0.738	12.510	102.333

Antenna: 2

Maximum Transmitting ERP in Watts:	140.820							
Azimuth(from true north)	**0**	**45**	**90**	**135**	**180**	**225**	**270**	**315**
Antenna Height AAT (meters)	180.300	151.200	132.800	140.500	155.800	172.800	186.200	183.500
Transmitting ERP (watts)	1.408	30.262	153.476	217.337	49.025	5.207	1.772	0.660

Antenna: 3

Maximum Transmitting ERP in Watts:	140.820							
Azimuth(from true north)	**0**	**45**	**90**	**135**	**180**	**225**	**270**	**315**
Antenna Height AAT (meters)	180.300	151.200	132.800	140.500	155.800	172.800	186.200	183.500
Transmitting ERP (watts)	2.948	0.454	0.942	4.366	59.310	210.546	155.347	22.706

Conditions:
Pursuant to §309(h) of the Communications Act of 1934, as amended, 47 U.S.C. §309(h), this license is subject to the following conditions: This license shall not vest in the licensee any right to operate the station nor any right in the use of the frequencies designated in the license beyond the term thereof nor in any other manner than authorized herein. Neither the license nor the right granted thereunder shall be assigned or otherwise transferred in violation of the Communications Act of 1934, as amended. See 47 U.S.C. § 310(d). This license is subject in terms to the right of use or control conferred by §706 of the Communications Act of 1934, as amended. See 47 U.S.C. §606.

FCC 601-C
March 2018

Licensee Name: NEW CINGULAR WIRELESS PCS, LLC

Call Sign: KNKN666 **File Number:** **Print Date:**

Location	Latitude	Longitude	Ground Elevation (meters)	Structure Hgt to Tip (meters)	Antenna Structure Registration No.
8	36-43-12.0 N	084-28-13.0 W	409.3	91.1	1042231

Address: 100 Manor Circle (94260)
City: Whitley City **County:** MCCREARY **State:** KY **Construction Deadline:**

Antenna: 1
Maximum Transmitting ERP in Watts: 140.820

Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	123.400	147.100	135.800	109.800	103.700	143.600	127.300	165.300
Transmitting ERP (watts)	244.175	220.925	36.790	4.400	1.072	1.113	3.637	56.485

Antenna: 2
Maximum Transmitting ERP in Watts: 140.820

Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	123.400	147.100	135.800	109.800	103.700	143.600	127.300	165.300
Transmitting ERP (watts)	2.526	8.109	37.053	64.172	73.466	23.019	4.143	0.935

Antenna: 3
Maximum Transmitting ERP in Watts: 140.820

Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	123.400	147.100	135.800	109.800	103.700	143.600	127.300	165.300
Transmitting ERP (watts)	13.438	3.125	0.649	0.912	15.291	122.113	297.793	117.856

Location	Latitude	Longitude	Ground Elevation (meters)	Structure Hgt to Tip (meters)	Antenna Structure Registration No.
17	36-56-36.9 N	086-00-52.2 W	218.8	91.1	1063506

Address: 638 GRAHAM ROAD (87368)
City: GLASGOW **County:** BARREN **State:** KY **Construction Deadline:**

Antenna: 1
Maximum Transmitting ERP in Watts: 140.820

Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	76.900	78.700	69.100	74.800	91.600	116.000	101.800	89.500
Transmitting ERP (watts)	138.618	59.574	7.477	1.200	0.283	0.661	10.185	66.521

Antenna: 2
Maximum Transmitting ERP in Watts: 140.820

Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	76.900	78.700	69.100	74.800	91.600	116.000	101.800	89.500
Transmitting ERP (watts)	2.142	19.146	94.547	124.562	33.322	3.559	0.817	0.257

Antenna: 3
Maximum Transmitting ERP in Watts: 140.820

Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	76.900	78.700	69.100	74.800	91.600	116.000	101.800	89.500
Transmitting ERP (watts)	2.434	0.360	0.244	4.119	40.205	121.384	90.927	17.264

Licensee Name: NEW CINGULAR WIRELESS PCS, LLC

Call Sign: KNKN666 **File Number:** **Print Date:**

Location	Latitude	Longitude	Ground Elevation (meters)	Structure Hgt to Tip (meters)	Antenna Structure Registration No.
18	36-48-31.1 N	084-50-43.5 W	466.6	61.0	1004214

Address: 6565 MORRIS HILL ROAD (87856)
City: MONTICELLO **County:** WAYNE **State:** KY **Construction Deadline:**

Antenna: 1
Maximum Transmitting ERP in Watts: 140.820

Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	216.900	160.100	180.400	174.000	158.000	164.800	204.700	214.300
Transmitting ERP (watts)	159.083	70.430	5.874	0.769	0.334	0.371	9.558	76.538

Antenna: 2
Maximum Transmitting ERP in Watts: 140.820

Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	216.900	160.100	180.400	174.000	158.000	164.800	204.700	214.300
Transmitting ERP (watts)	1.547	33.128	166.094	241.154	55.397	5.855	1.952	0.731

Antenna: 3
Maximum Transmitting ERP in Watts: 140.820

Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	216.900	160.100	180.400	174.000	158.000	164.800	204.700	214.300
Transmitting ERP (watts)	1.611	0.321	0.293	4.972	42.968	145.725	111.912	13.218

Location	Latitude	Longitude	Ground Elevation (meters)	Structure Hgt to Tip (meters)	Antenna Structure Registration No.
19	36-53-52.1 N	084-47-02.5 W	353.6	94.2	1238700

Address: ROUTE 5, BOX 9516 (87058)
City: Monticello **County:** WAYNE **State:** KY **Construction Deadline:**

Antenna: 1
Maximum Transmitting ERP in Watts: 140.820

Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	153.300	160.500	119.100	104.500	62.300	124.200	155.000	148.700
Transmitting ERP (watts)	151.264	65.591	5.815	0.740	0.328	0.344	9.075	72.988

Antenna: 2
Maximum Transmitting ERP in Watts: 140.820

Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	153.300	160.500	119.100	104.500	62.300	124.200	155.000	148.700
Transmitting ERP (watts)	2.029	20.018	108.704	142.806	33.266	2.825	0.395	0.478

Antenna: 3
Maximum Transmitting ERP in Watts: 140.820

Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	153.300	160.500	119.100	104.500	62.300	124.200	155.000	148.700
Transmitting ERP (watts)	1.536	0.299	0.287	4.752	41.633	135.419	106.546	12.709

Licensee Name: NEW CINGULAR WIRELESS PCS, LLC

Call Sign: KNKN666 **File Number:** **Print Date:**

Location	Latitude	Longitude	Ground Elevation (meters)	Structure Hgt to Tip (meters)	Antenna Structure Registration No.
20	37-05-19.7 N	084-54-47.3 W	331.6	106.4	1232264

Address: 1101 PINE TOP ROAD (86918)
City: RUSSELL SPRINGS **County:** RUSSELL **State:** KY **Construction Deadline:**

Antenna: 1
Maximum Transmitting ERP in Watts: 140.820

Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	118.700	77.600	105.400	136.900	148.600	127.700	120.400	134.300
Transmitting ERP (watts)	106.145	47.603	4.827	0.278	0.215	0.233	6.909	51.527

Antenna: 2
Maximum Transmitting ERP in Watts: 140.820

Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	118.700	77.600	105.400	136.900	148.600	127.700	120.400	134.300
Transmitting ERP (watts)	2.313	23.146	119.606	157.272	35.853	3.353	0.454	0.536

Antenna: 3
Maximum Transmitting ERP in Watts: 140.820

Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	118.700	77.600	105.400	136.900	148.600	127.700	120.400	134.300
Transmitting ERP (watts)	1.748	0.347	0.313	5.295	45.951	158.160	122.299	14.137

Location	Latitude	Longitude	Ground Elevation (meters)	Structure Hgt to Tip (meters)	Antenna Structure Registration No.
22	36-45-21.5 N	085-03-35.7 W	353.6	78.6	1258266

Address: RR BOX 200 STATE ROUTE 90 (97275)
City: Albany **County:** CLINTON **State:** KY **Construction Deadline:**

Antenna: 1
Maximum Transmitting ERP in Watts: 140.820

Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	159.200	140.400	108.000	36.100	88.900	81.600	132.000	170.300
Transmitting ERP (watts)	61.485	218.225	164.915	26.293	2.922	0.471	0.954	4.500

Antenna: 2
Maximum Transmitting ERP in Watts: 140.820

Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	159.200	140.400	108.000	36.100	88.900	81.600	132.000	170.300
Transmitting ERP (watts)	1.000	4.591	60.220	229.906	159.544	23.590	2.912	0.466

Antenna: 3
Maximum Transmitting ERP in Watts: 140.820

Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	159.200	140.400	108.000	36.100	88.900	81.600	132.000	170.300
Transmitting ERP (watts)	7.041	2.307	0.511	1.072	23.419	142.307	232.641	64.969

Licensee Name: NEW CINGULAR WIRELESS PCS, LLC

Call Sign: KNKN666 **File Number:** **Print Date:**

Location	Latitude	Longitude	Ground Elevation (meters)	Structure Hgt to Tip (meters)	Antenna Structure Registration No.
23	36-44-36.2 N	085-08-34.1 W	350.5	78.0	1258265

Address: 127 North Cross (Route 6 Box 991) (94257)
City: Albany **County:** CLINTON **State:** KY **Construction Deadline:**

Antenna: 1
Maximum Transmitting ERP in Watts: 140.820

Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	181.800	142.800	72.800	100.300	157.000	167.400	157.200	193.400
Transmitting ERP (watts)	31.597	145.107	168.768	30.884	3.418	1.072	0.669	1.670

Antenna: 2
Maximum Transmitting ERP in Watts: 140.820

Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	181.800	142.800	72.800	100.300	157.000	167.400	157.200	193.400
Transmitting ERP (watts)	1.105	1.668	14.838	36.641	44.724	30.421	5.045	2.474

Antenna: 3
Maximum Transmitting ERP in Watts: 140.820

Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	181.800	142.800	72.800	100.300	157.000	167.400	157.200	193.400
Transmitting ERP (watts)	40.424	4.384	1.518	0.529	1.123	24.617	125.244	176.237

Location	Latitude	Longitude	Ground Elevation (meters)	Structure Hgt to Tip (meters)	Antenna Structure Registration No.
26	37-18-17.2 N	085-55-38.3 W	285.3	99.1	1200030

Address: 824 I CHILDRESS ROAD (37618)
City: Munfordville **County:** HART **State:** KY **Construction Deadline:**

Antenna: 1
Maximum Transmitting ERP in Watts: 140.820

Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	137.000	120.900	185.100	176.500	166.200	156.000	134.000	170.100
Transmitting ERP (watts)	87.882	116.157	30.423	3.076	0.288	0.394	1.136	15.107

Antenna: 2
Maximum Transmitting ERP in Watts: 140.820

Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	137.000	120.900	185.100	176.500	166.200	156.000	134.000	170.100
Transmitting ERP (watts)	0.236	4.016	34.037	111.204	87.767	11.936	0.954	0.231

Antenna: 3
Maximum Transmitting ERP in Watts: 140.820

Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	137.000	120.900	185.100	176.500	166.200	156.000	134.000	170.100
Transmitting ERP (watts)	0.893	0.228	0.217	2.143	29.130	110.300	94.526	17.072

Licensee Name: NEW CINGULAR WIRELESS PCS, LLC

Call Sign: KNKN666 **File Number:** **Print Date:**

Location	Latitude	Longitude	Ground Elevation (meters)	Structure Hgt to Tip (meters)	Antenna Structure Registration No.
27	36-41-54.0 N	085-41-07.0 W	286.5	90.2	1065560

Address: 403 MARTIN SUBDIVISION (87881)
City: TOMPKINSVILLE **County:** MONROE **State:** KY **Construction Deadline:**

Antenna: 1								
Maximum Transmitting ERP in Watts:	140.820							
Azimuth(from true north)	**0**	**45**	**90**	**135**	**180**	**225**	**270**	**315**
Antenna Height AAT (meters)	69.700	75.300	146.800	80.100	75.200	103.200	86.800	75.200
Transmitting ERP (watts)	271.841	109.386	7.417	0.800	0.553	0.537	18.630	138.505
Antenna: 2								
Maximum Transmitting ERP in Watts:	140.820							
Azimuth(from true north)	**0**	**45**	**90**	**135**	**180**	**225**	**270**	**315**
Antenna Height AAT (meters)	69.700	75.300	146.800	80.100	75.200	103.200	86.800	75.200
Transmitting ERP (watts)	1.721	17.109	89.000	121.386	26.164	2.348	0.328	0.400
Antenna: 3								
Maximum Transmitting ERP in Watts:	140.820							
Azimuth(from true north)	**0**	**45**	**90**	**135**	**180**	**225**	**270**	**315**
Antenna Height AAT (meters)	69.700	75.300	146.800	80.100	75.200	103.200	86.800	75.200
Transmitting ERP (watts)	1.247	0.244	0.229	4.118	34.693	116.367	90.021	10.295

Location	Latitude	Longitude	Ground Elevation (meters)	Structure Hgt to Tip (meters)	Antenna Structure Registration No.
28	37-21-17.2 N	085-52-24.7 W	352.0	83.8	1220496

Address: 2830 Frenchman's Knob Road (94236)
City: Bonnieville **County:** HART **State:** KY **Construction Deadline:**

Antenna: 1								
Maximum Transmitting ERP in Watts:	140.820							
Azimuth(from true north)	**0**	**45**	**90**	**135**	**180**	**225**	**270**	**315**
Antenna Height AAT (meters)	193.700	191.000	195.200	238.600	217.000	184.800	226.800	216.700
Transmitting ERP (watts)	184.924	99.849	11.423	0.450	0.602	0.510	8.026	87.512
Antenna: 2								
Maximum Transmitting ERP in Watts:	140.820							
Azimuth(from true north)	**0**	**45**	**90**	**135**	**180**	**225**	**270**	**315**
Antenna Height AAT (meters)	193.700	191.000	195.200	238.600	217.000	184.800	226.800	216.700
Transmitting ERP (watts)	2.115	37.767	246.087	328.098	100.148	5.709	0.676	0.788
Antenna: 3								
Maximum Transmitting ERP in Watts:	140.820							
Azimuth(from true north)	**0**	**45**	**90**	**135**	**180**	**225**	**270**	**315**
Antenna Height AAT (meters)	193.700	191.000	195.200	238.600	217.000	184.800	226.800	216.700
Transmitting ERP (watts)	1.310	0.350	0.339	3.061	46.385	170.557	144.024	26.849

Licensee Name: NEW CINGULAR WIRELESS PCS, LLC

Call Sign: KNKN666 **File Number:** **Print Date:**

Location	Latitude	Longitude	Ground Elevation (meters)	Structure Hgt to Tip (meters)	Antenna Structure Registration No.
32	37-04-19.5 N	084-59-59.4 W	317.0	78.0	1257488

Address: 227 Horn Rd (94247)
City: Russell Springs **County:** RUSSELL **State:** KY **Construction Deadline:**

Antenna: 1

Maximum Transmitting ERP in Watts:	140.820							
Azimuth(from true north)	**0**	**45**	**90**	**135**	**180**	**225**	**270**	**315**
Antenna Height AAT (meters)	149.200	77.200	79.700	105.800	146.300	99.500	80.900	89.500
Transmitting ERP (watts)	221.223	212.121	177.242	71.356	77.801	28.148	33.937	155.008

Antenna: 2

Maximum Transmitting ERP in Watts:	140.820							
Azimuth(from true north)	**0**	**45**	**90**	**135**	**180**	**225**	**270**	**315**
Antenna Height AAT (meters)	149.200	77.200	79.700	105.800	146.300	99.500	80.900	89.500
Transmitting ERP (watts)	18.208	41.435	173.839	236.936	272.788	110.954	36.898	14.156

Antenna: 3

Maximum Transmitting ERP in Watts:	140.820							
Azimuth(from true north)	**0**	**45**	**90**	**135**	**180**	**225**	**270**	**315**
Antenna Height AAT (meters)	149.200	77.200	79.700	105.800	146.300	99.500	80.900	89.500
Transmitting ERP (watts)	68.660	39.848	0.532	12.732	74.296	228.506	206.369	227.920

Location	Latitude	Longitude	Ground Elevation (meters)	Structure Hgt to Tip (meters)	Antenna Structure Registration No.
33	36-50-28.6 N	086-02-47.1 W	225.9	60.7	

Address: Austin Tracy Rd (115120)
City: Lucas **County:** BARREN **State:** KY **Construction Deadline:**

Antenna: 1

Maximum Transmitting ERP in Watts:	140.820							
Azimuth(from true north)	**0**	**45**	**90**	**135**	**180**	**225**	**270**	**315**
Antenna Height AAT (meters)	91.800	79.300	63.800	43.400	95.100	66.500	80.300	112.900
Transmitting ERP (watts)	79.481	128.527	48.267	34.537	0.275	16.613	58.629	118.330

Antenna: 2

Maximum Transmitting ERP in Watts:	140.820							
Azimuth(from true north)	**0**	**45**	**90**	**135**	**180**	**225**	**270**	**315**
Antenna Height AAT (meters)	91.800	79.300	63.800	43.400	95.100	66.500	80.300	112.900
Transmitting ERP (watts)	16.424	105.957	212.448	227.867	141.232	41.336	29.497	11.208

Antenna: 3

Maximum Transmitting ERP in Watts:	140.820							
Azimuth(from true north)	**0**	**45**	**90**	**135**	**180**	**225**	**270**	**315**
Antenna Height AAT (meters)	91.800	79.300	63.800	43.400	95.100	66.500	80.300	112.900
Transmitting ERP (watts)	3.736	0.847	2.276	7.728	35.347	59.316	65.492	20.964

Antenna: 4

Maximum Transmitting ERP in Watts:	140.820							
Azimuth(from true north)	**0**	**45**	**90**	**135**	**180**	**225**	**270**	**315**
Antenna Height AAT (meters)	91.800	79.300	63.700	43.400	95.100	66.500	80.300	112.900
Transmitting ERP (watts)	80.215	129.717	48.867	34.856	0.278	16.767	59.174	119.427

Antenna: 5

Maximum Transmitting ERP in Watts:	140.820							
Azimuth(from true north)	**0**	**45**	**90**	**135**	**180**	**225**	**270**	**315**
Antenna Height AAT (meters)	91.800	79.300	63.700	43.400	95.100	66.500	80.300	112.900
Transmitting ERP (watts)	16.576	106.934	215.086	229.984	142.541	41.717	29.770	11.312

Licensee Name: NEW CINGULAR WIRELESS PCS, LLC

Call Sign: KNKN666 **File Number:** **Print Date:**

Location	Latitude	Longitude	Ground Elevation (meters)	Structure Hgt to Tip (meters)	Antenna Structure Registration No.
33	36-50-28.6 N	086-02-47.1 W	225.9	60.7	

Address: Austin Tracy Rd (115120)
City: Lucas **County:** BARREN **State:** KY **Construction Deadline:**

Antenna: 6
Maximum Transmitting ERP in Watts: 140.820

Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	91.800	79.300	63.700	43.400	95.100	66.500	80.300	112.900
Transmitting ERP (watts)	3.770	0.854	2.304	7.800	35.674	59.863	66.098	21.158

Location	Latitude	Longitude	Ground Elevation (meters)	Structure Hgt to Tip (meters)	Antenna Structure Registration No.
34	36-46-44.5 N	084-56-33.7 W	396.2	78.0	1258267

Address: 9096 W. Hwy 90 (94262)
City: Monticello **County:** WAYNE **State:** KY **Construction Deadline:**

Antenna: 1
Maximum Transmitting ERP in Watts: 140.820

Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	194.500	173.000	138.200	103.300	102.200	140.500	166.900	201.300
Transmitting ERP (watts)	147.841	143.877	130.052	39.637	24.482	1.946	8.038	54.683

Antenna: 2
Maximum Transmitting ERP in Watts: 140.820

Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	194.500	173.000	138.200	103.300	102.200	140.500	166.900	201.300
Transmitting ERP (watts)	0.742	5.202	57.406	186.618	115.460	13.939	2.131	0.396

Antenna: 3
Maximum Transmitting ERP in Watts: 140.820

Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	194.500	173.000	138.200	103.300	102.200	140.500	166.900	201.300
Transmitting ERP (watts)	27.223	19.327	10.778	15.109	86.367	155.385	168.892	88.819

Location	Latitude	Longitude	Ground Elevation (meters)	Structure Hgt to Tip (meters)	Antenna Structure Registration No.
35	36-39-45.3 N	084-26-36.2 W	428.2	79.9	1275397

Address: 6135 Hwy 1651 (115765)
City: Pine Knot **County:** MCCREARY **State:** KY **Construction Deadline:**

Antenna: 1
Maximum Transmitting ERP in Watts: 140.820

Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	132.500	143.700	119.600	95.500	88.700	114.200	161.300	166.800
Transmitting ERP (watts)	69.450	261.545	232.470	44.008	2.017	0.559	0.530	4.304

Antenna: 2
Maximum Transmitting ERP in Watts: 140.820

Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	132.500	143.700	119.600	95.500	88.700	114.200	161.300	166.800
Transmitting ERP (watts)	0.210	0.184	2.662	25.143	50.189	30.009	3.791	0.206

Licensee Name: NEW CINGULAR WIRELESS PCS, LLC

Call Sign: KNKN666 **File Number:** **Print Date:**

Location	Latitude	Longitude	Ground Elevation (meters)	Structure Hgt to Tip (meters)	Antenna Structure Registration No.
35	36-39-45.3 N	084-26-36.2 W	428.2	79.9	1275397

Address: 6135 Hwy 1651 (115765)
City: Pine Knot **County:** MCCREARY **State:** KY **Construction Deadline:**

Antenna: 3
Maximum Transmitting ERP in Watts: 140.820

Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	132.500	143.700	119.600	95.500	88.700	114.200	161.300	166.800
Transmitting ERP (watts)	113.680	6.615	0.792	0.868	2.269	39.368	258.605	358.864

Location	Latitude	Longitude	Ground Elevation (meters)	Structure Hgt to Tip (meters)	Antenna Structure Registration No.
36	36-50-27.1 N	084-28-44.2 W	425.5	79.6	1233359

Address: 165 HWY 90 (114139)
City: Parkers Lake **County:** MCCREARY **State:** KY **Construction Deadline:**

Antenna: 1
Maximum Transmitting ERP in Watts: 140.820

Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	185.500	163.600	170.800	152.900	106.200	178.000	165.700	183.000
Transmitting ERP (watts)	23.185	14.817	1.670	0.153	0.104	0.150	1.655	13.513

Antenna: 2
Maximum Transmitting ERP in Watts: 140.820

Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	185.500	163.600	170.800	152.900	106.200	178.000	165.700	183.000
Transmitting ERP (watts)	2.683	26.605	140.903	189.301	44.170	3.813	0.542	0.629

Antenna: 3
Maximum Transmitting ERP in Watts: 140.820

Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	185.500	163.600	170.800	152.900	106.200	178.000	165.700	183.000
Transmitting ERP (watts)	2.063	0.405	0.373	6.243	54.676	179.706	144.196	16.857

Location	Latitude	Longitude	Ground Elevation (meters)	Structure Hgt to Tip (meters)	Antenna Structure Registration No.
37	36-41-51.7 N	085-07-19.1 W	303.9	78.0	1273817

Address: 399 Daylton Road (112920)
City: Albany **County:** CLINTON **State:** KY **Construction Deadline:**

Antenna: 1
Maximum Transmitting ERP in Watts: 140.820

Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	103.500	53.600	30.000	64.200	100.300	112.300	94.400	76.300
Transmitting ERP (watts)	255.895	112.531	6.303	1.065	0.524	0.886	15.778	134.111

Antenna: 2
Maximum Transmitting ERP in Watts: 140.820

Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	103.500	53.600	30.000	64.200	100.300	112.300	94.400	76.300
Transmitting ERP (watts)	1.151	13.278	68.092	80.326	20.259	1.984	0.205	0.284

Licensee Name: NEW CINGULAR WIRELESS PCS, LLC

Call Sign: KNKN666 **File Number:** **Print Date:**

Location	Latitude	Longitude	Ground Elevation (meters)	Structure Hgt to Tip (meters)	Antenna Structure Registration No.
37	36-41-51.7 N	085-07-19.1 W	303.9	78.0	1273817

Address: 399 Daylton Road (112920)
City: Albany **County:** CLINTON **State:** KY **Construction Deadline:**

Antenna: 3
Maximum Transmitting ERP in Watts: 140.820

Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	103.500	53.600	30.000	64.200	100.300	112.300	94.400	76.300
Transmitting ERP (watts)	0.327	0.106	0.101	1.174	12.741	41.443	34.130	5.644

Location	Latitude	Longitude	Ground Elevation (meters)	Structure Hgt to Tip (meters)	Antenna Structure Registration No.
38	36-44-13.0 N	085-42-10.0 W	309.7	91.1	1042225

Address: 3151 EDMONTON ROAD (94259)
City: TOMPKINSVILLE **County:** MONROE **State:** KY **Construction Deadline:**

Antenna: 1
Maximum Transmitting ERP in Watts: 140.820

Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	111.100	109.700	147.100	108.800	126.000	145.900	125.000	125.900
Transmitting ERP (watts)	189.524	72.806	7.444	1.950	0.393	0.557	9.583	77.626

Antenna: 2
Maximum Transmitting ERP in Watts: 140.820

Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	111.100	109.700	147.100	108.800	126.000	145.900	125.000	125.900
Transmitting ERP (watts)	1.067	23.007	114.837	166.790	36.523	3.864	1.339	0.493

Antenna: 3
Maximum Transmitting ERP in Watts: 140.820

Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	111.100	109.700	147.100	108.800	126.000	145.900	125.000	125.900
Transmitting ERP (watts)	2.199	0.335	0.702	3.359	45.136	159.373	117.688	16.866

Location	Latitude	Longitude	Ground Elevation (meters)	Structure Hgt to Tip (meters)	Antenna Structure Registration No.
39	36-38-51.6 N	085-17-33.1 W	317.0	60.7	

Address: 5163 State Park (117828)
City: Cumberland **County:** CUMBERLAND **State:** KY **Construction Deadline:**

Antenna: 1
Maximum Transmitting ERP in Watts: 140.820

Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	100.500	86.500	93.600	115.600	123.000	167.100	133.100	121.800
Transmitting ERP (watts)	24.683	224.514	184.090	16.413	0.520	0.462	0.466	0.469

Antenna: 2
Maximum Transmitting ERP in Watts: 140.820

Azimuth(from true north)	0	45	90	135	180	225	270	315
Antenna Height AAT (meters)	100.500	86.500	93.600	115.600	123.000	167.100	133.100	121.800
Transmitting ERP (watts)	46.321	0.611	0.527	0.529	0.541	7.711	140.237	265.546

Licensee Name: NEW CINGULAR WIRELESS PCS, LLC

Call Sign: KNKN666 **File Number:** **Print Date:**

Location	Latitude	Longitude	Ground Elevation (meters)	Structure Hgt to Tip (meters)	Antenna Structure Registration No.
40	37-11-42.5 N	085-57-13.0 W	267.6	99.1	1224165

Address: 1515 FISHER RIDGE ROAD (37620)

City: Horse Cave **County:** HART **State:** KY **Construction Deadline:**

Antenna: 1

Maximum Transmitting ERP in Watts: 140.820							
Azimuth(from true north)	**0**	**45**	**90**	**135**	**180**	**225**	**270**	**315**
Antenna Height AAT (meters)	148.700	170.000	148.400	148.400	138.900	116.100	137.500	147.400
Transmitting ERP (watts)	96.574	101.465	19.855	1.861	0.214	0.322	2.056	21.126

Antenna: 2

Maximum Transmitting ERP in Watts: 140.820							
Azimuth(from true north)	**0**	**45**	**90**	**135**	**180**	**225**	**270**	**315**
Antenna Height AAT (meters)	148.700	170.000	148.400	148.400	138.900	116.100	137.500	147.400
Transmitting ERP (watts)	8.514	101.153	307.468	229.726	25.253	1.925	0.630	0.630

Antenna: 3

Maximum Transmitting ERP in Watts: 140.820							
Azimuth(from true north)	**0**	**45**	**90**	**135**	**180**	**225**	**270**	**315**
Antenna Height AAT (meters)	148.700	170.000	148.400	148.400	138.900	116.100	137.500	147.400
Transmitting ERP (watts)	0.226	0.222	3.795	33.295	109.116	83.424	11.320	0.928

Location	Latitude	Longitude	Ground Elevation (meters)	Structure Hgt to Tip (meters)	Antenna Structure Registration No.
41	37-01-03.9 N	085-54-42.3 W	254.8	68.6	1230168

Address: 170 Robert Bishop Lane (94244)

City: Glasgow **County:** BARREN **State:** KY **Construction Deadline:**

Antenna: 1

Maximum Transmitting ERP in Watts: 140.820							
Azimuth(from true north)	**0**	**45**	**90**	**135**	**180**	**225**	**270**	**315**
Antenna Height AAT (meters)	93.000	83.300	56.400	66.300	91.100	106.300	92.700	90.500
Transmitting ERP (watts)	104.518	139.218	43.033	2.862	0.290	0.325	1.008	15.797

Antenna: 2

Maximum Transmitting ERP in Watts: 140.820							
Azimuth(from true north)	**0**	**45**	**90**	**135**	**180**	**225**	**270**	**315**
Antenna Height AAT (meters)	93.000	83.300	56.400	66.300	91.100	106.300	92.700	90.500
Transmitting ERP (watts)	0.395	3.203	50.041	189.424	165.261	28.863	1.290	0.398

Antenna: 3

Maximum Transmitting ERP in Watts: 140.820							
Azimuth(from true north)	**0**	**45**	**90**	**135**	**180**	**225**	**270**	**315**
Antenna Height AAT (meters)	93.000	83.300	56.400	66.300	91.100	106.300	92.700	90.500
Transmitting ERP (watts)	11.785	0.490	0.619	0.543	8.652	98.226	207.121	111.304

Control Points:

Control Pt. No. 1

Address: 124 South Keeneland Drive (Suite 103)

City: RICHMOND **County:** MADISON **State:** KY **Telephone Number:** (859)544-4804

Licensee Name: NEW CINGULAR WIRELESS PCS, LLC

Call Sign: KNKN666 **File Number:** **Print Date:**

Waivers/Conditions:

License renewal granted on a conditional basis, subject to the outcome of FCC proceeding WT Docket No. 10-112 (see FCC 10-86, paras. 113 and 126).

Federal Communications Commission

Wireless Telecommunications Bureau

RADIO STATION AUTHORIZATION

LICENSEE: NEW CINGULAR WIRELESS PCS, LLC

ATTN: CECIL J MATHEW
NEW CINGULAR WIRELESS PCS, LLC
208 S AKARD ST., RM 1015
DALLAS, TX 75202

Call Sign	File Number
WPOI255	
Radio Service CW - PCS Broadband	

FCC Registration Number (FRN): 0003291192

Grant Date	Effective Date	Expiration Date	Print Date
05-27-2015	08-31-2018	06-23-2025	

Market Number	Channel Block	Sub-Market Designator
MTA026	A	19

Market Name
Louisville-Lexington-Evansvill

1st Build-out Date	2nd Build-out Date	3rd Build-out Date	4th Build-out Date
06-23-2000	06-23-2005		

Waivers/Conditions:

This authorization is subject to the condition that, in the event that systems using the same frequencies as granted herein are authorized in an adjacent foreign territory (Canada/United States), future coordination of any base station transmitters within 72 km (45 miles) of the United States/Canada border shall be required to eliminate any harmful interference to operations in the adjacent foreign territory and to ensure continuance of equal access to the frequencies by both countries.

License renewal granted on a conditional basis, subject to the outcome of FCC proceeding WT Docket No. 10-112 (see FCC 10-86, paras. 113 and 126).

Conditions:
Pursuant to §309(h) of the Communications Act of 1934, as amended, 47 U.S.C. §309(h), this license is subject to the following conditions: This license shall not vest in the licensee any right to operate the station nor any right in the use of the frequencies designated in the license beyond the term thereof nor in any other manner than authorized herein. Neither the license nor the right granted thereunder shall be assigned or otherwise transferred in violation of the Communications Act of 1934, as amended. See 47 U.S.C. § 310(d). This license is subject in terms to the right of use or control conferred by §706 of the Communications Act of 1934, as amended. See 47 U.S.C. §606.

This license may not authorize operation throughout the entire geographic area or spectrum identified on the hardcopy version. To view the specific geographic area and spectrum authorized by this license, refer to the Spectrum and Market Area information under the Market Tab of the license record in the Universal Licensing System (ULS). To view the license record, go to the ULS homepage at http://wireless.fcc.gov/uls/index.htm?job=home and select "License Search". Follow the instructions on how to search for license information.

Licensee Name: NEW CINGULAR WIRELESS PCS, LLC

Call Sign: WPOI255 **File Number:** **Print Date:**

This authorization is subject to the condition that the remaining balance of the winning bid amount will be paid in accordance with Part 1 of the Commission's rules, 47 C.F.R. Part 1.

This license is conditioned upon compliance with the provisions of Applications of AT&T Wireless Services, Inc. and Cingular Wireless Corporation For Consent to Transfer Control of Licenses and Authorizations, Memorandum Opinion and Order, FCC 04-255 (rel. Oct. 26, 2004).

Spectrum Lease Associated with this License. See Spectrum Leasing Arrangement Letter dated 12/06/2004 and File # 0001918558.

The Spectrum Leasing Arrangement, which became effective upon approval of application file number 0001918558, was terminated on 04/14/2005. See file number 0002135370.

Commission approval of this application and the licenses contained therein are subject to the conditions set forth in the Memorandum Opinion and Order, adopted on December 29, 2006 and released on March 26, 2007, and revised in the Order on Reconsideration, adopted and released on March 26, 2007. See AT&T Inc. and BellSouth Corporation Application for Transfer of Control, WC Docket No. 06-74, Memorandum Opinion and Order, FCC 06-189 (rel. Mar. 26, 2007); AT&T Inc. and BellSouth Corporation, WC Docket No. 06-74, Order on Reconsideration, FCC 07-44 (rel. Mar. 26, 2007).

Licensee Name: NEW CINGULAR WIRELESS PCS, LLC

Call Sign: WPOI255 **File Number:** **Print Date:**

700 MHz Relicensed Area Information:

Market	Market Name	Buildout Deadline	Buildout Notification	Status

Federal Communications Commission

Wireless Telecommunications Bureau

RADIO STATION AUTHORIZATION

LICENSEE: NEW CINGULAR WIRELESS PCS, LLC

ATTN: CECIL J MATHEW
NEW CINGULAR WIRELESS PCS, LLC
208 S AKARD ST., RM 1015
DALLAS, TX 75202

Call Sign	File Number
WPOK659	
Radio Service CW - PCS Broadband	

FCC Registration Number (FRN): 0003291192

Grant Date	Effective Date	Expiration Date	Print Date
10-29-2009	08-31-2018	09-29-2019	

Market Number	Channel Block	Sub-Market Designator
BTA423	C	1

Market Name
Somerset, KY

1st Build-out Date	2nd Build-out Date	3rd Build-out Date	4th Build-out Date
09-29-2004	09-29-2009		

Waivers/Conditions:

This authorization is subject to the condition that, in the event that systems using the same frequencies as granted herein are authorized in an adjacent foreign territory (Canada/United States), future coordination of any base station transmitters within 72 km (45 miles) of the United States/Canada border shall be required to eliminate any harmful interference to operations in the adjacent foreign territory and to ensure continuance of equal access to the frequencies by both countries.

Conditions:
Pursuant to §309(h) of the Communications Act of 1934, as amended, 47 U.S.C. §309(h), this license is subject to the following conditions: This license shall not vest in the licensee any right to operate the station nor any right in the use of the frequencies designated in the license beyond the term thereof nor in any other manner than authorized herein. Neither the license nor the right granted thereunder shall be assigned or otherwise transferred in violation of the Communications Act of 1934, as amended. See 47 U.S.C. § 310(d). This license is subject in terms to the right of use or control conferred by §706 of the Communications Act of 1934, as amended. See 47 U.S.C. §606.

This license may not authorize operation throughout the entire geographic area or spectrum identified on the hardcopy version. To view the specific geographic area and spectrum authorized by this license, refer to the Spectrum and Market Area information under the Market Tab of the license record in the Universal Licensing System (ULS). To view the license record, go to the ULS homepage at http://wireless.fcc.gov/uls/index.htm?job=home and select "License Search". Follow the instructions on how to search for license information.

Licensee Name: NEW CINGULAR WIRELESS PCS, LLC

Call Sign: WPOK659 **File Number:** **Print Date:**

700 MHz Relicensed Area Information:

Market	Market Name	Buildout Deadline	Buildout Notification	Status

Federal Communications Commission

Wireless Telecommunications Bureau

RADIO STATION AUTHORIZATION

LICENSEE: NEW CINGULAR WIRELESS PCS, LLC

ATTN: CECIL J MATHEW
NEW CINGULAR WIRELESS PCS, LLC
208 S AKARD ST., RM 1015
DALLAS, TX 75202

Call Sign	File Number
WPXT205	
Radio Service CW - PCS Broadband	

FCC Registration Number (FRN): 0003291192

Grant Date	Effective Date	Expiration Date	Print Date
06-02-2015	08-31-2018	06-23-2025	

Market Number	Channel Block	Sub-Market Designator
MTA026	A	8

Market Name
Louisville-Lexington-Evansvill

1st Build-out Date	2nd Build-out Date	3rd Build-out Date	4th Build-out Date
06-23-2000	06-23-2005		

Waivers/Conditions:

This authorization is subject to the condition that, in the event that systems using the same frequencies as granted herein are authorized in an adjacent foreign territory (Canada/United States), future coordination of any base station transmitters within 72 km (45 miles) of the United States/Canada border shall be required to eliminate any harmful interference to operations in the adjacent foreign territory and to ensure continuance of equal access to the frequencies by both countries.

License renewal granted on a conditional basis, subject to the outcome of FCC proceeding WT Docket No. 10-112 (see FCC 10-86, paras. 113 and 126).

Conditions:
Pursuant to §309(h) of the Communications Act of 1934, as amended, 47 U.S.C. §309(h), this license is subject to the following conditions: This license shall not vest in the licensee any right to operate the station nor any right in the use of the frequencies designated in the license beyond the term thereof nor in any other manner than authorized herein. Neither the license nor the right granted thereunder shall be assigned or otherwise transferred in violation of the Communications Act of 1934, as amended. See 47 U.S.C. § 310(d). This license is subject in terms to the right of use or control conferred by §706 of the Communications Act of 1934, as amended. See 47 U.S.C. §606.

This license may not authorize operation throughout the entire geographic area or spectrum identified on the hardcopy version. To view the specific geographic area and spectrum authorized by this license, refer to the Spectrum and Market Area information under the Market Tab of the license record in the Universal Licensing System (ULS). To view the license record, go to the ULS homepage at http://wireless.fcc.gov/uls/index.htm?job=home and select "License Search". Follow the instructions on how to search for license information.

Licensee Name: NEW CINGULAR WIRELESS PCS, LLC

Call Sign: WPXT205 **File Number:** **Print Date:**

This authorization is subject to the condition that the remaining balance of the winning bid amount will be paid in accordance with Part 1 of the Commission's rules, 47 C.F.R. Part 1.

Commission approval of this application and the licenses contained therein are subject to the conditions set forth in the Memorandum Opinion and Order, adopted on December 29, 2006 and released on March 26, 2007, and revised in the Order on Reconsideration, adopted and released on March 26, 2007. See AT&T Inc. and BellSouth Corporation Application for Transfer of Control, WC Docket No. 06-74, Memorandum Opinion and Order, FCC 06-189 (rel. Mar. 26, 2007); AT&T Inc. and BellSouth Corporation, WC Docket No. 06-74, Order on Reconsideration, FCC 07-44 (rel. Mar. 26, 2007).

Licensee Name: NEW CINGULAR WIRELESS PCS, LLC

Call Sign: WPXT205 **File Number:** **Print Date:**

700 MHz Relicensed Area Information:

Market	Market Name	Buildout Deadline	Buildout Notification	Status

Federal Communications Commission

Wireless Telecommunications Bureau

RADIO STATION AUTHORIZATION

LICENSEE: NEW CINGULAR WIRELESS PCS, LLC

ATTN: CECIL J MATHEW
NEW CINGULAR WIRELESS PCS, LLC
208 S AKARD ST., RM 1015
DALLAS, TX 75202

Call Sign	File Number
WQGA818	
Radio Service AW - AWS (1710-1755 MHz and 2110-2155 MHz)	

FCC Registration Number (FRN): 0003291192

Grant Date	Effective Date	Expiration Date	Print Date
11-29-2006	08-31-2018	11-29-2021	

Market Number	Channel Block	Sub-Market Designator
CMA447	A	0

Market Name
Kentucky 5 - Barren

1st Build-out Date	2nd Build-out Date	3rd Build-out Date	4th Build-out Date

Waivers/Conditions:

This authorization is conditioned upon the licensee, prior to initiating operations from any base or fixed station, making reasonable efforts to coordinate frequency usage with known co-channel and adjacent channel incumbent federal users operating in the 1710-1755 MHz band whose facilities could be affected by the proposed operations. See, e.g., FCC and NTIA Coordination Procedures in the 1710-1755 MHz Band, Public Notice, FCC 06-50, WTB Docket No. 02-353, rel. April 20, 2006.

Conditions:

Pursuant to §309(h) of the Communications Act of 1934, as amended, 47 U.S.C. §309(h), this license is subject to the following conditions: This license shall not vest in the licensee any right to operate the station nor any right in the use of the frequencies designated in the license beyond the term thereof nor in any other manner than authorized herein. Neither the license nor the right granted thereunder shall be assigned or otherwise transferred in violation of the Communications Act of 1934, as amended. See 47 U.S.C. § 310(d). This license is subject in terms to the right of use or control conferred by §706 of the Communications Act of 1934, as amended. See 47 U.S.C. §606.

This license may not authorize operation throughout the entire geographic area or spectrum identified on the hardcopy version. To view the specific geographic area and spectrum authorized by this license, refer to the Spectrum and Market Area information under the Market Tab of the license record in the Universal Licensing System (ULS). To view the license record, go to the ULS homepage at http://wireless.fcc.gov/uls/index.htm?job=home and select "License Search". Follow the instructions on how to search for license information.

Licensee Name: NEW CINGULAR WIRELESS PCS, LLC

Call Sign: WQGA818 **File Number:** **Print Date:**

700 MHz Relicensed Area Information:

Market	Market Name	Buildout Deadline	Buildout Notification	Status

Federal Communications Commission

Wireless Telecommunications Bureau

RADIO STATION AUTHORIZATION

LICENSEE: NEW CINGULAR WIRELESS PCS, LLC

ATTN: CECIL J MATHEW
NEW CINGULAR WIRELESS PCS, LLC
208 S AKARD ST., RM 1015
DALLAS, TX 75202

Call Sign	File Number
WQGD755	
Radio Service AW - AWS (1710-1755 MHz and 2110-2155 MHz)	

FCC Registration Number (FRN): 0003291192

Grant Date	Effective Date	Expiration Date	Print Date
12-18-2006	08-31-2018	12-18-2021	

Market Number	Channel Block	Sub-Market Designator
BEA047	C	9

Market Name
Lexington, KY-TN-VA-WV

1st Build-out Date	2nd Build-out Date	3rd Build-out Date	4th Build-out Date

Waivers/Conditions:

This authorization is conditioned upon the licensee, prior to initiating operations from any base or fixed station, making reasonable efforts to coordinate frequency usage with known co-channel and adjacent channel incumbent federal users operating in the 1710-1755 MHz band whose facilities could be affected by the proposed operations. See, e.g., FCC and NTIA Coordination Procedures in the 1710-1755 MHz Band, Public Notice, FCC 06-50, WTB Docket No. 02-353, rel. April 20, 2006.

Grant of the request to update licensee name is conditioned on it not reflecting an assignment or transfer of control (see Rule 1.948); if an assignment or transfer occurred without proper notification or FCC approval, the grant is void and the station is licensed under the prior name.

Conditions:
Pursuant to §309(h) of the Communications Act of 1934, as amended, 47 U.S.C. §309(h), this license is subject to the following conditions: This license shall not vest in the licensee any right to operate the station nor any right in the use of the frequencies designated in the license beyond the term thereof nor in any other manner than authorized herein. Neither the license nor the right granted thereunder shall be assigned or otherwise transferred in violation of the Communications Act of 1934, as amended. See 47 U.S.C. § 310(d). This license is subject in terms to the right of use or control conferred by §706 of the Communications Act of 1934, as amended. See 47 U.S.C. §606.

This license may not authorize operation throughout the entire geographic area or spectrum identified on the hardcopy version. To view the specific geographic area and spectrum authorized by this license, refer to the Spectrum and Market Area information under the Market Tab of the license record in the Universal Licensing System (ULS). To view the license record, go to the ULS homepage at http://wireless.fcc.gov/uls/index.htm?job=home and select "License Search". Follow the instructions on how to search for license information.

Licensee Name: NEW CINGULAR WIRELESS PCS, LLC

Call Sign: WQGD755 **File Number:** **Print Date:**

700 MHz Relicensed Area Information:

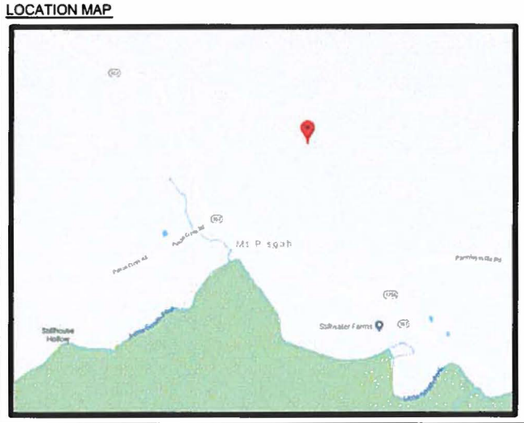
Market	Market Name	Buildout Deadline	Buildout Notification	Status

EXHIBIT B

SITE DEVELOPMENT PLAN:

500' VICINITY MAP
LEGAL DESCRIPTIONS
FLOOD PLAIN CERTIFICATION
SITE PLAN
VERTICAL TOWER PROFILE

LOCATION MAP



DRIVING DIRECTIONS

FROM 55 N MAIN ST #106, MONTICELLO, KY 42633:

- HEAD SOUTHWEST ON N MAIN ST TOWARD COLUMBIA AVE 203 FT
- CONTINUE STRAIGHT ONTO KY-167 S/S MAIN ST & CONTINUE TO FOLLOW KY-167 S 6.4 MI
- TURN RIGHT TO STAY ON KY-167 S 9.4 MI
- TURN LEFT ONTO STATE HIGHWAY 1765 / PARMLEYSVILLE ROAD AND TRAVEL 0.3 MI
- THE SITE IS ON THE LEFT

BUILDING CODES AND STANDARDS

CONTRACTOR'S WORK SHALL COMPLY WITH ALL APPLICABLE NATIONAL, STATE AND LOCAL CODES AS ADOPTED BY THE LOCAL AUTHORITY HAVING JURISDICTION FOR THE LOCATION.

CONTRACTOR'S WORK SHALL COMPLY WITH THE LATEST EDITION OF THE FOLLOWING STANDARDS:

- AMERICAN CONCRETE INSTITUTE 318
- AMERICAN INSTITUTE OF STEEL CONSTRUCTION MANUAL OF STEEL CONSTRUCTION
- TELECOMMUNICATIONS INDUSTRY ASSOCIATION TIA-222
- STRUCTURAL STANDARDS FOR STEEL ANTENNA TOWER AND SUPPORTING STRUCTURES TIA-601
- COMMERCIAL BUILDING GROUNDING AND BONDING REQUIREMENTS FOR TELECOMMUNICATIONS
- INSTITUTE FOR ELECTRICAL AND ELECTRONICS ENGINEERS IEEE-81, IEEE 1100, IEEE C62.41
- ANSI T1.311, FOR TELECOM - DC POWER SYSTEMS - TELECOM, ENVIRONMENTAL PROTECTION
- 2014 KBC
- 2014 NEC

FOR ANY CONFLICTS BETWEEN SECTIONS OF LISTED CODES AND STANDARDS, THE MOST RESTRICTIVE REQUIREMENT SHALL GOVERN.

SITE NAME:

DOBBS HOLLOW FN

FA #:

14397265

PROPOSED RAW LAND SITE WITH A 195' MONOPOLE WITH A 4' LIGHTNING ARRESTOR AND INSTALLATION OF AN 8'x8' SHELTER ON A 8'x14' PAD WITH A GENERATOR

PREPARED FOR:

at&t

PREPARED BY:

ENGINEERING GROUP, INC.
TOGETHER PLANNING A BETTER TOMORROW
158 BUSINESS CENTER DRIVE
BIRMINGHAM, AL 35244
TEL: 205-252-6985 FAX: 205-320-1504

KENTUCKY ONE-CALL
STATE WIDE CALL: 811
CALL BEFORE YOU DIG

PROJECT INFORMATION

SITE ADDRESS:	297 PARMLEYSVILLE ROAD MONTICELLO, KY 42633
LATITUDE (NAD 83): LONGITUDE (NAD 83):	N 36° 39' 50.215" W 84° 48' 42.829"
LATITUDE (NAD DECIMAL): LONGITUDE (NAD DECIMAL):	N 36.663949° W 84.811897°
PARCEL ID:	086-00-00-002.00
JURISDICTION:	KENTUCKY PUBLIC SERVICE COMMISSION
PROPERTY OWNER:	HUMPHREYS ANDREWS BEALE & HUNPHREYS MICHAEL AARON
APPLICANT:	NEW CINGULAR WIRELESS PCS, LLC A DELAWARE LIMITED LIABILITY COMPANY, D/B/A AT&T MOBILITY MEIDINGER TOWER 462 S. 4TH STREET, SUITE 2400 LOUISVILLE, KY 40202
ENGINEER:	SMW ENGINEERING 158 BUSINESS CENTER DRIVE BIRMINGHAM, AL 35244 CONTACT: JEREMY SHARIT, PE PHONE: 205-397-6781
POWER:	TO BE DETERMINED
FIBER:	FIBER COMPANY AWARDED BY AT&T AT FUTURE TIME, CONSULT CM

DRAWING INDEX

SCOPE OF WORK

ZONING DRAWINGS FOR:
CONSTRUCTION OF A NEW UNMANNED TELECOMMUNICATIONS FACILITY.

SITE WORK: NEW TOWER, UNMANNED SHELTER WITH GENERATOR ON CONCRETE PATIO AND UTILITY INSTALLATIONS.

CA#: 2865

STATE OF KENTUCKY
JEREMY D. SHARIT
26823
LICENSED
PROFESSIONAL ENGINEER

11/29/18

SMW ENGINEERING GROUP, INC.
TOGETHER PLANNING A BETTER TOMORROW

SMW #: 18-1305

at&t

#	DATE	DESCRIPTION:
0	11/15/18	ISSUED FOR CLIENT REV.
1	11/26/18	REISSUED FOR CLIENT REV.
2	11/29/18	ISSUED FOR CONSTRUCTION

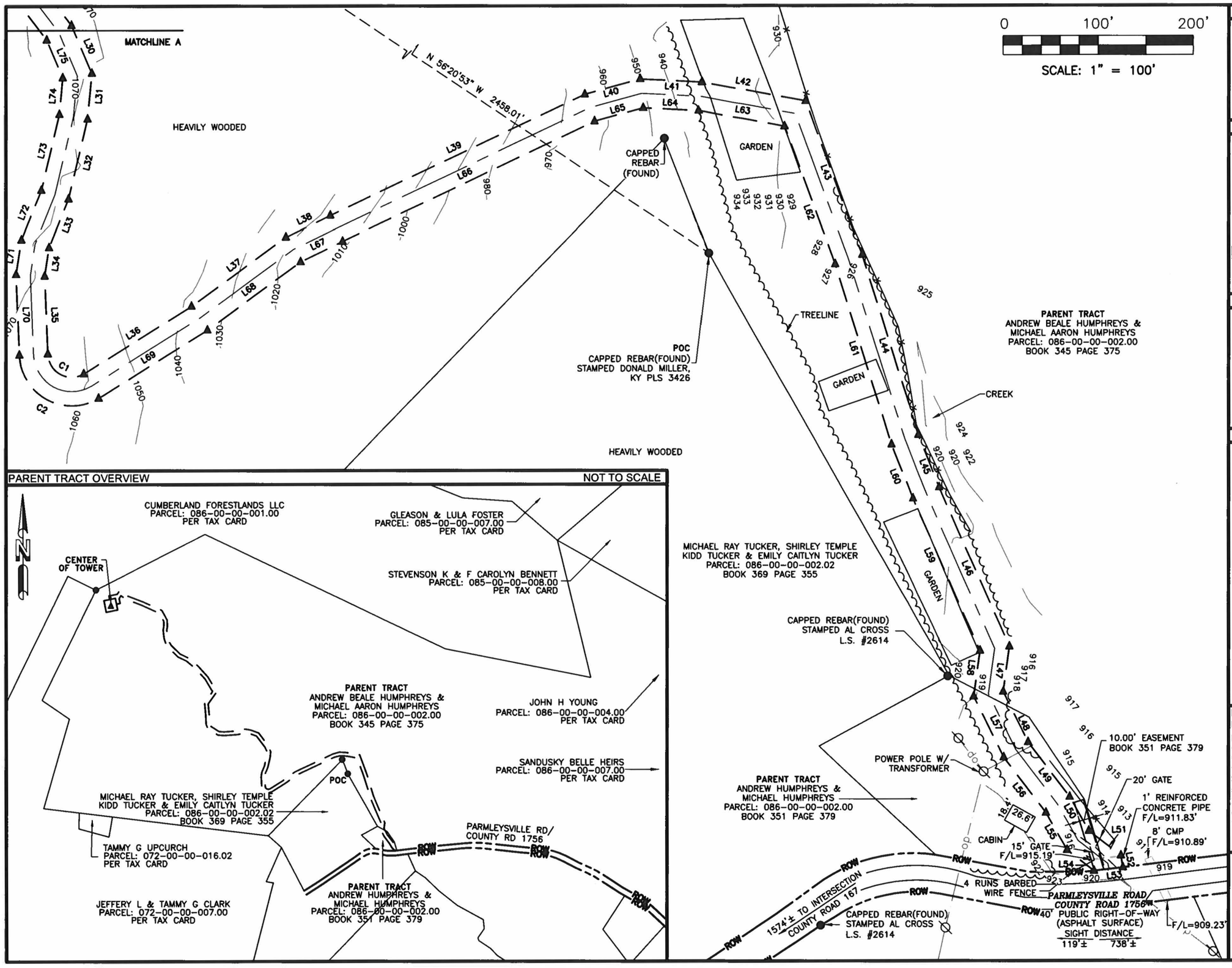
DOBBS HOLLOW FN

TITLE SHEET & PROJECT INFORMATION

DESIGNED: JDS
DRAWN: BMD
CHECKED: RTB

JOB #: 14397265

T-1

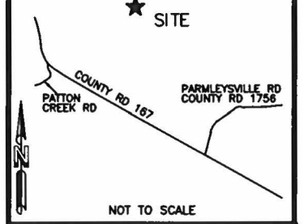


PARENT TRACT OVERVIEW — NOT TO SCALE

TOWER INFO

LATITUDE: 36°39'50.215" NORTH
LONGITUDE: 84°48'42.829" WEST
(NAD 83)
GROUND ELEVATION: 1303.9'
ABOVE MEAN SEA LEVEL (NAVD88)

VICINITY MAP



KENTUCKY SINGLE ZONE

GRID NORTH

GRID TO TRUE NORTH CONVERGENCE
0°34'

TRUE NORTH TO MAGNETIC DECLINATION
5°18' W

COMBINED SCALE FACTOR
1.000126712

LEGEND

- ○ = 5/8" REBAR SET
- ● = FOUND PROPERTY MARKER
- POB = POINT OF BEGINNING
- POC = POINT OF COMMENCEMENT
- POE = POINT OF ENDING
- ▲ = CALCULATED POINT
- = POWER POLE
- = TEMPORARY BENCHMARK
  NAIL IN 1" HARDWOOD
  ELEVATION = 1315.30'
- CMP = CORREGATED METAL PIPE
- ——— = RIGHT-OF-WAY
- ——— = OVERHEAD POWER

FLOOD NOTE

By graphic plotting only, the subject property appears to lie in Zone "X" of the Flood Insurance Rate Map Community Panel No. 21231C0325C, which bears an effective date of September 2, 2009 and IS NOT in a special flood hazard area.
Zone 'X': Areas determined to be outside the 0.2% annual chance floodplain.

DOBBS HOLLOW FN

WAYNE COUNTY, KENTUCKY
PARCEL # 086-00-00-002.00
ADDRESS: 297 PARMLEYSVILLE RD
MONTICELLO, KY 42633
OWNER: ANDREW BEALE
& MICHAEL AARON HUMPHREYS

SMW ENGINEERING GROUP, INC.
SMW #: 18-1305

at&t

#	DATE	DESCRIPTION:
0	11/15/18	ISSUED FOR CLIENT REV.
1	11/26/18	REISSUED FOR CLIENT REV.
2	11/29/18	ISSUED FOR CONSTRUCTION

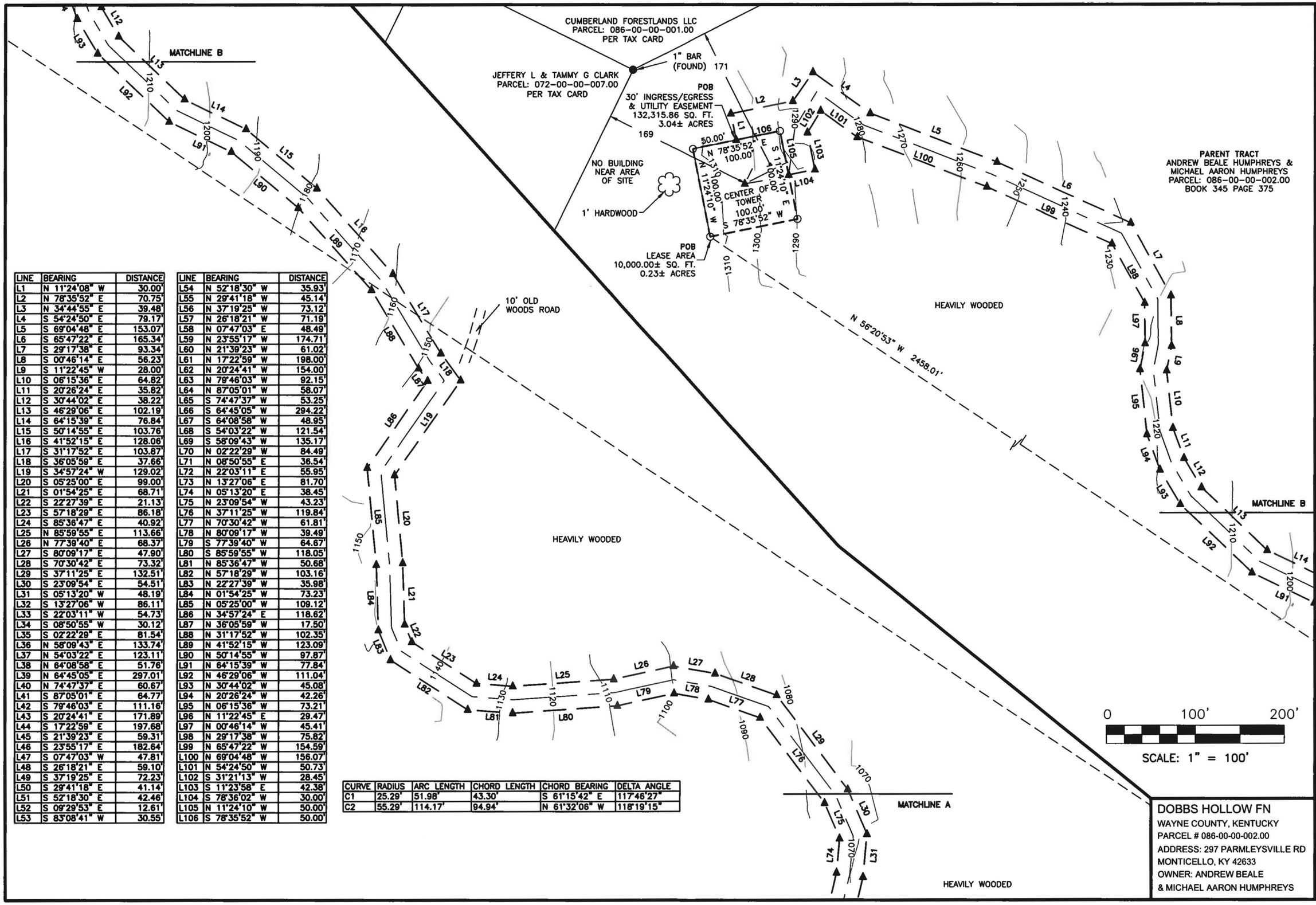
DOBBS HOLLOW FN

SITE SURVEY

DESIGNED: JDS
DRAWN: BMD
CHECKED: RTB

JOB #: 14397265

B-1



LINE	BEARING	DISTANCE
L1	N 11°24'08" W	30.00'
L2	N 78°35'52" E	70.75'
L3	N 34°44'55" E	39.48'
L4	S 54°24'50" E	79.17'
L5	S 69°04'48" E	153.07'
L6	S 65°47'22" E	165.34'
L7	S 29°17'38" E	93.34'
L8	S 00°46'14" E	56.23'
L9	S 11°22'45" W	28.00'
L10	S 06°15'36" E	64.82'
L11	S 20°26'24" E	35.82'
L12	S 30°44'02" E	38.22'
L13	S 46°29'06" E	102.19'
L14	S 64°15'39" E	76.84'
L15	S 50°14'55" E	103.76'
L16	S 41°52'15" E	128.06'
L17	S 31°17'52" E	103.87'
L18	S 36°05'59" E	37.66'
L19	S 34°57'24" W	129.02'
L20	S 05°25'00" E	99.00'
L21	S 01°54'25" E	68.71'
L22	S 22°27'39" E	21.13'
L23	S 57°18'29" E	86.18'
L24	S 85°36'47" E	40.92'
L25	N 85°59'55" E	113.66'
L26	N 77°39'40" E	68.37'
L27	S 80°09'17" E	47.90'
L28	S 70°30'42" E	73.32'
L29	S 37°11'25" E	132.51'
L30	S 23°09'54" E	54.51'
L31	S 05°13'20" W	48.19'
L32	S 13°27'06" W	86.11'
L33	S 22°03'11" W	54.73'
L34	S 08°50'55" W	30.12'
L35	S 02°22'29" E	81.54'
L36	N 58°09'43" E	133.74'
L37	N 54°03'22" E	123.11'
L38	N 64°08'58" E	51.76'
L39	N 64°45'05" E	297.01'
L40	N 74°47'37" E	60.67'
L41	S 87°05'01" E	64.77'
L42	S 79°46'03" E	111.16'
L43	S 20°24'41" E	171.89'
L44	S 17°22'59" E	197.68'
L45	S 21°39'23" E	59.31'
L46	S 23°55'17" E	182.64'
L47	S 07°47'03" W	47.81'
L48	S 26°18'21" E	59.10'
L49	S 37°19'25" E	72.23'
L50	S 29°41'18" E	41.14'
L51	S 52°18'30" E	42.46'
L52	S 09°29'53" E	12.61'
L53	S 83°08'41" W	30.55'

LINE	BEARING	DISTANCE
L54	N 52°18'30" W	35.93'
L55	N 29°41'18" W	45.14'
L56	N 37°19'25" W	73.12'
L57	N 26°18'21" W	71.19'
L58	N 07°47'03" E	48.49'
L59	N 23°55'17" W	174.71'
L60	N 21°39'23" W	61.02'
L61	N 17°22'59" W	198.00'
L62	N 20°24'41" W	154.00'
L63	N 79°46'03" W	92.15'
L64	N 87°05'01" W	58.07'
L65	S 74°47'37" W	53.25'
L66	S 64°45'05" W	294.22'
L67	S 64°08'58" W	48.95'
L68	S 54°03'22" W	121.54'
L69	S 58°09'43" W	135.17'
L70	N 02°22'29" W	84.49'
L71	N 08°50'55" E	36.54'
L72	N 22°03'11" E	55.95'
L73	N 13°27'06" E	81.70'
L74	N 05°13'20" E	38.45'
L75	N 23°09'54" W	43.23'
L76	N 37°11'25" W	119.84'
L77	N 70°30'42" W	61.81'
L78	N 80°09'17" W	39.49'
L79	S 77°39'40" W	64.67'
L80	S 85°59'55" W	118.05'
L81	N 85°36'47" W	50.68'
L82	N 57°18'29" W	103.16'
L83	N 22°27'39" W	35.98'
L84	N 01°54'25" W	73.23'
L85	N 05°25'00" W	109.12'
L86	N 34°57'24" E	118.62'
L87	N 36°05'59" W	17.50'
L88	N 31°17'52" W	102.35'
L89	N 41°52'15" W	123.09'
L90	N 50°14'55" W	97.87'
L91	N 64°15'39" W	77.84'
L92	N 46°29'06" W	111.04'
L93	N 30°44'02" W	45.08'
L94	N 20°26'24" W	42.26'
L95	N 06°15'36" W	73.21'
L96	N 11°22'45" E	29.47'
L97	N 00°46'14" W	45.41'
L98	N 29°17'38" W	75.82'
L99	N 65°47'22" W	154.59'
L100	N 69°04'48" W	156.07'
L101	N 54°24'50" W	50.73'
L102	S 31°21'13" W	28.45'
L103	S 11°23'58" E	42.38'
L104	S 78°36'02" W	30.00'
L105	N 11°24'10" W	50.00'
L106	S 78°35'52" W	50.00'

CURVE	RADIUS	ARC LENGTH	CHORD LENGTH	CHORD BEARING	DELTA ANGLE
C1	25.29'	51.98'	43.30'	S 61°15'42" E	117°46'27"
C2	55.29'	114.17'	94.94'	N 61°32'06" W	118°19'15"

SMW ENGINEERING GROUP, INC.

SMW #: 18-1305

at&t

#	DATE	DESCRIPTION:
0	11/15/18	ISSUED FOR CLIENT REV.
1	11/26/18	REISSUED FOR CLIENT REV.
2	11/29/18	ISSUED FOR CONSTRUCTION

DOBBS HOLLOW FN

SITE SURVEY

DESIGNED: JDS
DRAWN: BMD
CHECKED: RTB

JOB #: 14397265

B-1.1

DOBBS HOLLOW FN
WAYNE COUNTY, KENTUCKY
PARCEL # 086-00-00-002.00
ADDRESS: 297 PARMLEYSVILLE RD
MONTICELLO, KY 42633
OWNER: ANDREW BEALE
& MICHAEL AARON HUMPHREYS

PARENT TRACT (FROM TITLE)
(BOOK 345, PAGE 375)
TRACT NO. ONE:
A certain tract or parcel of land lying and being in Wayne County, Kentucky on the waters of the Little South Fork of Cumberland River and bounded and described as follows, to-wit:
BEGINNING on a branch 4 poles above a black walnut, corner to Lot No. 16 of the Emmanuel Sandusky land, running N 34 1/2 E 231 poles to a stake and rock; thence N 18 W 48 1/2 poles to the west end of Big Pilot; thence N 65 W 134 poles with the Christian line to a chestnut oak corner near the top of the ridge; thence S 18 E 72 poles to a rock; thence N 83 W 76 poles to a rock; thence N 70 W 80 poles to a dogwood and black jack and rock near a poplar, Ben Adkins' corner; thence N 58 W 170 poles to Thomas Millsaps' corner, a white oak and poplar; thence S 31 W binding his line 60 poles to William Hurts's corner, a white oak; thence S 35 E binding his line to a double chestnut oak on the top pf the ridge; thence N 38 E binding B. Adkins' line 80 poles to his corner a hickory and elm; thence S 20 E 176 poles to a dogwood; thence S 15 W 13 poles to a rock; thence S 28 E 25 poles to the big road; thence N 56 E 47 poles to a rock on a branch; thence meandering the branch to the beginning. Containing 320 acres more or less.

This conveyance is made subject to the interest in and to the oil and gas underlying the above described land as referred to in Deed Book 99, at page 525.
This conveyance is also made subject to a 10 ft. wide right of way easement running to the property of Tommy E. Smith et al in Deed Book 338, page 351 in Wayne County Court Clerk's Office.

TRACT NO. TWO:
The following described real estate lying and being in Wayne County, Kentucky on the waters of Little South Fork and described as follows:
BEGINNING on Ralph Dobbs' corner and Matthew Hurt; thence N 68 W 10 poles to a steel rod; thence N 87 W 123 poles to a steel rod, Matthew Hurt's line; thence N 28 E 47 poles to a steel rod, Matthew Hurt's line; thence N 47 W 17 poles to a steel rod Matthew Hurt's lines thence N 38 E 62 poles to a steel rod Matthew Hurt's line; thence N 52 W 16 poles to a steel rod, Matthew Hurt's corner, Lawrence Barnett's corner and Ralph Dobbs' corner; thence with a line of Ralph Dobbs N 38 E 80 poles to a hickory and Elm, Ralph Dobbs; corner; thence S 20 E 176 poles to the beginning with Ralph Dobbs' line. Containing 83.90 acres more or less.

Tracts One and Two being a part of the same land conveyed to Joyce Kennedy and her husband, Joe Kennedy, Jr., both now deceased, by Ralph Dobbs, a single man, by deed dated April 5, 2004, and of record in Deed Book 303, at Page 157 in the Wayne County Court Clerk's Office and also being a part of the same land which the interest of Joe Kennedy, Jr. passed and descended to Joyce Kennedy pursuant to the survivorship clause in the deed aforesaid and also pursuant to the Last Will and Testament of Joe L. Kennedy, Jr. in Will Book S, page 783 of record in the clerk's office aforesaid and also being a part of the same land which was devised to Deborah Faye Sharp Baker pursuant to the terms and provisions of the Last Will and Testament of Joyce Kennedy, said Will is of record in Will Book V, page 348 in the clerk's office aforesaid.

Exception #1:
There is hereby excepted and not conveyed a certain tract of land containing 47.69 acres, more or less, conveyed to Ralph Jones et us by Joyce Kennedy et al, by deed dated December 20, 2005 and of record in Deed Book 314, page 300 in the Wayne County Court Clerk's Office and reference is made to said deed for a more complete and accurate description of said exception.

Exception #2:
There is hereby excepted and not conveyed a certain tract of land containing 10.00 acres, more or less, conveyed to Sandra E. Miller by Deborah Faye Sharp Baker, single, by deed dated June 28, 2011 and of record in Deed Book 343, page 160 in the Wayne County Court Clerk's Office and reference is made to said deed for a more complete and accurate description of said exception.
The life estate retained by Ralph Dobbs in Deed Book 303, page 157 terminated upon the death of Ralph Dobbs, his date of death being May 17, 2007 as certified by the grantor.

(BOOK 351, PAGE 379)
Being a tract or parcel of land lying and being in the Mt. Pisgah Community of Wayne County, Ky., being bounded and described as follows, to wit:
Unless stated otherwise any monument referred to herein as a rebar and cap is a set 1/2" x 18" rebar with a red plastic cap stamped Al Cross L.S. #2614. All bearings stated herein are referred to the magnetic meridian as observed June 2, 2010.
Beginning on a rebar and cap set this survey in the Northern right-of-way of Mt. Pisgah-Parmleysville Road (a county road) being 25 feet from centerline, said rebar being located South 59 deg. 36 min. 43 sec. East 92.40 feet from the Southwest corner of cabin located on property herein described, also being located South 84 deg. 31 min. 11 sec. West 50.12 feet from the North end of a large metal culvert, also being located North 72 deg. 51 min. 55 sec. East 739.54 feet from the parent deed corner. Thence, from the beginning and running with the Northern right-of-way of the Mt. Pisgah-Parmleysville Road, North 85 deg. 22 min. 29 sec. West 97.97 feet to a rebar and cap, North 73 deg. 02 min. 14 sec. West 87.06 feet to a rebar and cap. Thence, leaving said right-of-way and running new lines severing the property of Deborah Sharp Baker (DB. 303 Pg. 157 and Will Book V Pg. 348) the following (5) courses and distances, North 41 deg. 56 min. 00 sec. West 159.00 feet with a fence to a rebar and cap in fence, North 66 deg. 47 min. 08 sec. East 155.45 feet to a rebar and cap with a steel post witness, South 57 deg. 24 min. 40 sec. East 94.74 feet to a rebar and cap near spring, South 28 deg. 58 min. 30 sec. East 103.90 feet to a rebar and cap in fence at base of a large Cedar stump, still a new line South 11 deg 18 min. 52 sec. East 72.35 feet with fence to the point of beginning. Containing 0.81 Acre as surveyed by Allen R. Cross Ky. L.S. #2614 on June 2, 2010. Together with and subject to any easements, restrictions and reservations that be of record.
Being the same land conveyed to Tommy E. Smith and his wife, Laura D. Smith and Josh D. Smith by Joyce Kennedy (f/k/a Joyce Sharp), a widow, by deed dated the 18th day of November, 2009 and of record in the office of the Clerk of Wayne County, Kentucky in Deed Book 335, at page 481; ALSO BEING THE SAME land conveyed to Tommy E. Smith and his wife, Laura D. Smith and Josh D. Smith by Deborah Faye Sharp Baker, single by Deed of Correction dated June 23, 2010 and of record in Deed Book 338 at pate 351 in the Clerk's Office aforesaid.

There is also conveyed a 10 feet wide right-of-way easement for the purpose of engress, egress and regress being 5.00 feet on each side of centerline. Beginning on a point in the center of existing gravel drive at the right-of-way of Mt. Pisgah-Parmleysville Road, said point being located North 85 deg. 22 min. 29 sec. West 5.20 feet from the beginning corner in the above described tract. Thence, running with the centerline of said easement North 11 deg. 18 min. 52 sec. West 73.78 feet to a point at the end of easement.

100' x 100' LEASE AREA (AS-SURVEYED)

A portion of the Andrew Beale Humphreys & Michael Aaron Humphreys tract described in Book 345 Page 375 and Book 351 Page 379 as recorded in the Office of County Clerk for Wayne County, Kentucky, and being more particularly described as follows;
Commencing at a capped rebar stamped Donald Miller, KY PLS 3426 found marking the east line of the Tucker tract described in Book 369 Page 355 and the west line of said Humphreys tract having NAD '83 Kentucky Single Zone State Plane Coordinates of Northing: 3401185.20, Easting: 5198444.61; thence run N 56°20'53" W for a distance of 2458.01 feet to a set 5/8" rebar and the Point of Beginning; thence run N 11°24'10" W for a distance of 100.00 feet to a set 5/8" rebar; thence run N 78°35'52" E for a distance of 100.00 feet to a set 5/8" rebar; thence run S 11°24'10" E for a distance of 100.00 feet to a set 5/8" rebar; thence run S 78°35'52" W for a distance of 100.00 feet to the Point of Beginning. Said Lease area contains 10,000.00 square feet, or 0.23 acres, more or less.

30' INGRESS/EGRESS & UTILITY EASEMENT A (AS-SURVEYED)

An easement being a portion of the Andrew Beale Humphreys & Michael Aaron Humphreys tract described in Book 345 Page 375 and Book 351 Page 379 as recorded in the Office of County Clerk for Wayne County, Kentucky, and being more particularly described as follows;
Commencing at a capped rebar stamped Donald Miller, KY PLS 3426 found marking the east line of the Tucker tract described in Book 369 Page 355 and the west line of said Humphreys tract having NAD '83 Kentucky Single Zone State Plane Coordinates of Northing: 3401185.20, Easting: 5198444.61; thence run N 56°20'53" W for a distance of 2458.01 feet to a set 5/8" rebar; thence run N 11°24'10" W for a distance of 100.00 feet to a set 5/8" rebar; thence run N 78°35'52" E for a distance of 50.00 feet to the Point of Beginning of a 30' Ingress/Egress & Utility Easement; thence run N 11°24'08" W for a distance of 30.00 feet to a point; thence run N 78°35'52" E for a distance of 70.75 feet to a point; thence run N 34°44'55" E for a distance of 39.48 feet to a point; thence run S 54°24'50" E for a distance of 79.17 feet to a point; thence run S 69°04'48" E for a distance of 153.07 feet to a point; thence run S 65°47'22" E for a distance of 165.34 feet to a point; thence run S 29°17'38" E for a distance of 93.34 feet to a point; thence run S 00°46'14" E for a distance of 56.23 feet to a point; thence run S 11°22'45" W for a distance of 28.00 feet to a point; thence run S 06°15'36" E for a distance of 64.82 feet to a point; thence run S 20°26'24" E for a distance of 35.82 feet to a point; thence run S 30°44'02" E for a distance of 38.22 feet to a point; thence run S 46°29'06" E for a distance of 102.19 feet to a point; thence run S 64°15'39" E for a distance of 76.84 feet to a point; thence run S 50°14'55" E for a distance of 103.76 feet to a point; thence run S 41°52'15" E for a distance of 128.06 feet to a point; thence run S 31°17'52" E for a distance of 103.87 feet to a point; thence run S 36°05'59" E for a distance of 37.66 feet to a point; thence run S 34°57'24" W for a distance of 129.02 feet to a point; thence run S 05°25'00" E for a distance of 99.00 feet to a point; thence run S 01°54'25" E for a distance of 68.71 feet to a point; thence run S 22°27'39" E for a distance of 21.13 feet to a point; thence run S 57°18'29" E for a distance of 86.18 feet to a point; thence run S 85°36'47" E for a distance of 40.92 feet to a point; thence run N 85°59'55" E for a distance of 113.66 feet to a point; thence run N 77°39'40" E for a distance of 68.37 feet to a point; thence run S 80°09'17" E for a distance of 47.90 feet to a point; thence run S 70°30'42" E for a distance of 73.32 feet to a point; thence run S 37°11'25" E for a distance of 132.51 feet to a point; thence run S 23°09'54" E for a distance of 54.51 feet to a point; thence run S 05°13'20" W for a distance of 48.19 feet to a point; thence run S 13°27'06" W for a distance of 86.11 feet to a point; thence run S 22°03'11" W for a distance of 54.73 feet to a point; thence run S 08°50'55" W for a distance of 30.12 feet to a point; thence run S 02°22'29" E for a distance of 81.54 feet to a point; the beginning of an arc turning to the left having a radius of 25.29 feet, a chord bearing and distance of S 61°15'42" E for 43.30 feet; thence run along said arc for 51.98 feet; thence run N 58°09'43" E for a distance of 133.74 feet to a point; thence run N 54°03'22" E for a distance of 123.11 feet to a point; thence run N 64°08'58" E for a distance of 51.76 feet to a point; thence run N 64°45'05" E for a distance of 297.01 feet to a point; thence run N 74°47'37" E for a distance of 60.67 feet to a point; thence run S 87°05'01" E for a distance of 64.77 feet to a point; thence run S 79°46'03" E for a distance of 111.16 feet to a point; thence run S 20°24'41" E for a distance of 171.89 feet to a point; thence run S 17°22'59" E for a distance of 197.68 feet to a point; thence run S 21°39'23" E for a distance of 59.31 feet to a point; thence run S 23°55'17" E for a distance of 182.64 feet to a point; thence run S 07°47'03" W for a distance of 47.81 feet to a point; thence run S 26°18'21" E for a distance of 59.10 feet to a point; thence run S 37°19'25" E for a distance of 72.23 feet to a point; thence run S 29°41'18" E for a distance of 41.14 feet to a point; thence run S 52°18'30" E for a distance of 42.46 feet to a point; thence run S 09°29'53" E for a distance of 12.61 feet to a point on the Northerly right-of-way of Parmleysville Road or County Road 1756; thence run S 83°08'41" W along said right-of-way for a distance of 30.55 feet to a point; thence leaving said right-of-way run N 52°18'30" W for a distance of 35.93 feet to a point; thence run N 29°41'18" W for a distance of 45.14 feet to a point; thence run N 37°19'25" W for a distance of 73.12 feet to a point; thence run N 26°18'21" W for a distance of 71.19 feet to a point; thence run N 07°47'03" E for a distance of 48.49 feet to a point; thence run N 23°55'17" W for a distance of 174.71 feet to a point; thence run N 21°39'23" W for a distance of 61.02 feet to a point; thence run N 17°22'59" W for a distance of 198.00 feet to a point; thence run N 20°24'41" W for a distance of 154.00 feet to a point; thence run N 79°46'03" W for a distance of 92.15 feet to a point; thence run N 87°05'01" W for a distance of 58.07 feet to a point; thence run S 74°47'37" W for a distance of 53.25 feet to a point; thence run S 64°45'05" W for a distance of 294.22 feet to a point; thence run S 64°08'58" W for a distance of 48.95 feet to a point; thence run S 54°03'22" W for a distance of 121.54 feet to a point; thence run S 58°09'43" W for a distance of 135.17 feet to a point; thence with a curve turning to the right having a radius of 55.29 feet, a chord bearing and distance of N 61°32'06" W for 94.94 feet; thence run along said arc for 114.17 feet; thence run N 02°22'29" W for a distance of 84.49 feet to a point; thence run N 08°50'55" E for a distance of 36.54 feet to a point; thence run N 22°03'11" E for a distance of 55.95 feet to a point; thence run N 13°27'06" E for a distance of 81.70 feet to a point; thence run N 05°13'20" E for a distance of 38.45 feet to a point; thence run N 23°09'54" W for a distance of 43.23 feet to a point; thence run N 37°11'25" W for a distance of 119.84 feet to a point; thence run N 70°30'42" W for a distance of 61.81 feet to a point; thence run N 80°09'17" W for a distance of 39.49 feet to a point; thence run S 77°39'40" W for a distance of 64.67 feet to a point; thence run S 85°59'55" W for a distance of 118.05 feet to a point; thence run N 85°36'47" W for a distance of 50.68 feet to a point; thence run N 57°18'29" W for a distance of 103.16 feet to a point; thence run N 22°27'39" W for a distance of 35.98 feet to a point; thence run N 01°54'25" W for a distance of 73.23 feet to a point; thence run N 05°25'00" W for a distance of 109.12 feet to a point; thence run N 34°57'24" E for a distance of 118.62 feet to a point; thence run N 36°05'59" W for a distance of 17.50 feet to a point; thence run N 31°17'52" W for a distance of 102.35 feet to a point; thence run N 41°52'15" W for a distance of 123.09 feet to a point; thence run N 50°14'55" W for a distance of 97.87 feet to a point; thence run N 64°15'39" W for a distance of 77.84 feet to a point; thence run N 46°29'06" W for a distance of 111.04 feet to a point; thence run N 30°44'02" W for a distance of 45.08 feet to a point; thence run N 20°26'24" W for a distance of 42.26 feet to a point; thence run N 06°15'36" W for a distance of 73.21 feet to a point; thence run N 11°22'45" E for a distance of 29.47 feet to a point; thence run N 00°46'14" W for a distance of 45.41 feet to a point; thence run N 29°17'38" W for a distance of 75.82 feet to a point; thence run N 65°47'22" W for a distance of 154.59 feet to a point; thence run N 69°04'48" W for a distance of 156.07 feet to a point; thence run N 54°24'50" W for a distance of 50.73 feet to a point; thence run S 31°21'13" W for a distance of 28.45 feet to a point; thence run S 11°23'58" E for a distance of 42.38 feet to a point; thence run S 78°36'02" W for a distance of 30.00 feet to a point; thence run N 11°24'10" W for a distance of 50.00 feet to a point; thence run S 78°35'52" W for a distance of 50.00 feet to the Point of Beginning. Said easement contains 132,315.86 square feet, or 3.04 acres, more or less.

SMW ENGINEERING GROUP, INC.
SMW #: 18-1305

at&t

#	DATE	DESCRIPTION:
0	11/15/18	ISSUED FOR CLIENT REV.
1	11/26/18	REISSUED FOR CLIENT REV.
2	11/29/18	ISSUED FOR CONSTRUCTION

DOBBS HOLLOW FN

SITE SURVEY

DESIGNED: JDS
DRAWN: BMD
CHECKED: RTB

JOB #: 14397265

DOBBS HOLLOW FN
WAYNE COUNTY, KENTUCKY
PARCEL # 086-00-00-002.00
ADDRESS: 297 PARMLEYSVILLE RD
MONTICELLO, KY 42633
OWNER: ANDREW BEALE

B-1.2

PLOTTABLE EXCEPTIONS
U.S. TITLE SOLUTIONS
U.S. TITLE SOLUTIONS FILE NO. 59027-KY1801-5030
Date Of Report January 11, 2018
Schedule B

Exception No.	Instrument	Comment
1-4	N/A	Standard exceptions. Contains no survey matters.
Judgements, Liens and UCC		
5		None within period searched
Covenants/Restrictions		
6		None within period searched
Easements & Rights-of-Way	**Instrument**	**Comment**
7	Book 127 Page 183	Does affect Parent Tract, lease area & easements, is blanket in nature and not shown hereon.
Other Filed Documents	**Instrument**	**Comment**
8	Book P Page 490	Not a survey matter.
9	Book 8 Page 697	Not a survey matter.
10	Book 287 Page 676	Not a survey matter.
11	Book S Page 783	Not a survey matter.
12	Book V Page 348	Not a survey matter.

SURVEYOR'S NOTES

1. This is a Rawland Tower Survey, made on the ground under the supervision of a Kentucky Registered Land Surveyor. Date of field survey is June 8, 2018.
2. The following surveying instruments were used at time of field visit: Nikon NPL-352, Total Station, Reflectorless and Hiper + Legacy E RTK, GD 1HZ.
3. Bearings are based on Kentucky Single Zone State Plane Coordinates NAD 83 by GPS observation.
4. No underground utilities, underground encroachments or building foundations were measured or located as a part of this survey, unless otherwise shown. Trees and shrubs not located, unless otherwise shown.
5. Benchmark used is a GPS Continuously Operating Reference Station, PID DL6173. Onsite benchmark is as shown hereon. Elevations shown are in feet and refer to NAVD 88.
6. This survey was conducted for the purpose of a Rawland Tower Survey only, and is not intended to delineate the regulatory jurisdiction of any federal, state, regional or local agency, board, commission or other similar entity.
7. Attention is directed to the fact that this survey may have been reduced or enlarged in size due to reproduction. This should be taken into consideration when obtaining scaled data.
8. This Survey was conducted with the benefit of an Abstract Title Search.
9. This survey meets or exceeds the Minimum Standards of Practice as required by the State of Kentucky for a Class A survey as defined by 201 KAR 18:150.
10. Field data upon which this map or plat is based has a closure precision of not less than one-foot in 15,000 feet (1':15,000') and an angular error that does not exceed 10 seconds times the square root of the number of angles turned. Field traverse was not adjusted.
11. This survey is not valid without the original signature and the original seal of a state licensed surveyor and mapper.
12. This survey does not constitute a boundary survey of the Parent Tract. Any parent tract property lines shown hereon are from supplied information and may not be field verified.
13. The Lease Area, and Access and Utility Easement shown hereon was provided by INTEGRISITE dated May 1, 2018 in direct correlation with existing monuments and physical evidence found through inspection and may not depict actual rights of occupancy.
14. No zoning provided.

SURVEYOR'S CERTIFICATION

I certify that all parts of this survey and drawing have been completed in accordance with the current requirements of the Standards of Practice for Surveying in the State of Kentucky to the best of my knowledge, information, and belief.

David D. McKinney
Kentucky License No. 3964

STATE OF KENTUCKY
DAVID D. McKINNEY
3964
LICENSED PROFESSIONAL LAND SURVEYOR

DOBBS HOLLOW FN
WAYNE COUNTY, KENTUCKY
PARCEL # 086-00-00-002.00
ADDRESS: 297 PARMLEYSVILLE RD
MONTICELLO, KY 42633
OWNER: ANDREW BEALE
& MICHAEL AARON HUMPHREYS

SMW ENGINEERING GROUP, INC.
SMW #: 18-1305

at&t

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1	11/26/18	REISSUED FOR CLIENT REV.
2	11/29/18	ISSUED FOR CONSTRUCTION

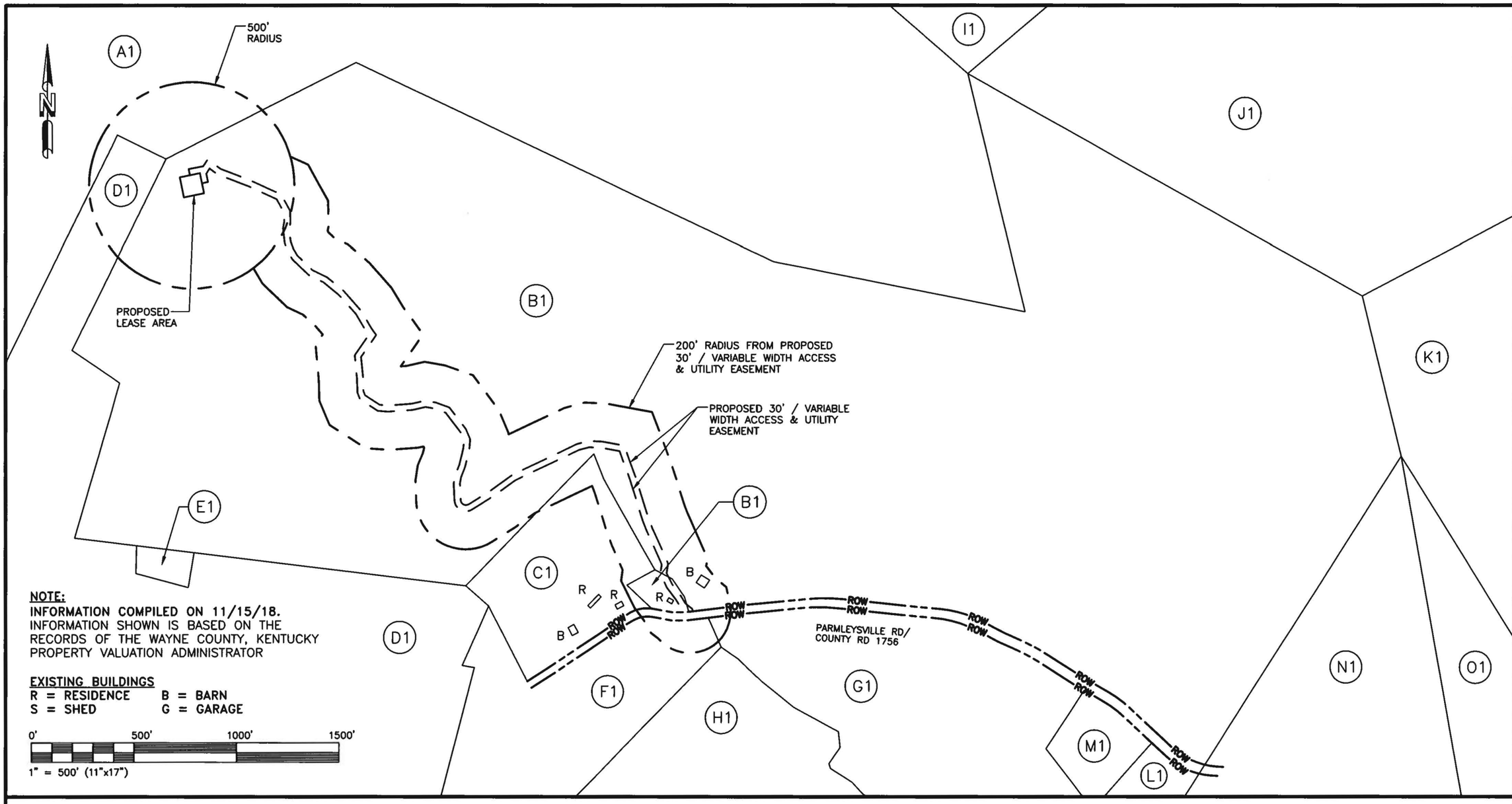
DOBBS HOLLOW FN

SITE SURVEY

DESIGNED: JDS
DRAWN: BMD
CHECKED: RTB

JOB #: 14397265

B-1.3



(A1) PARCEL ID: 086-00-00-001.00
CUMBERLAND FORESTLANDS LLC
19045 STONE MOUNTAIN RD
ABINGDON, VA 24210

(B1) PARCEL ID: 086-00-00-002.00
HUMPHREYS ANDREW BEALE &
HUMPHREYS MICHAEL AARON
163 LAKEWOOD DR
MONTICELLO, KY 42633

(C1) PARCEL ID: 086-00-00-002.02
TUCKER MICHAEL RAY ETAL
437 HWY 1808
MONTICELLO, KY 42633

(D1) PARCEL ID: 072-00-00-007.00
CLARK JEFFREY L & TAMMY G
14863 HWY 167
MONTICELLO, KY 42633

(E1) PARCEL ID: 072-00-00-016.02
UPCHURCH TAMMY G
14863 HWY 167
MONTICELLO, KY 42633

(F1) PARCEL ID: 086-00-00-006.05
HARDWICK, KYLE & JESSICA
8662 HWY 167
MONTICELLO, KY 42633

(G1) PARCEL ID: 086-00-00-006.04
DISHMAN, TIMMIE L JR & TILLY J
663 BEECH GROVE RD
SHEPHERDSVILLE, KY 42633

(H1) PARCEL ID: 086-00-00-006.00
JONES, RALPH W
15713 HWY 167
MONTICELLO, KY 42633

(I1) PARCEL ID: 085-00-00-007.00
FOSTER GLEASON & LULA
AND CLAUDE FOSTER
2288 BALDY RD
MONTICELLO, KY 42633

(J1) PARCEL ID: 085-00-00-008.00
BENNETT STEVENSON K & F CAROLYN
635 ANGEL CROSSING RD
MONTICELLO, KY 42633

(K1) PARCEL ID: 086-00-00-004.00
YOUNG JOHN H JR
C/O F CAROLYN BENNETT
635 ANGEL CROSSING RD
MONTICELLO, KY 42633

(L1) PARCEL ID: 086-00-00-006.02
NEW BILLY K & TISHANNA
814 PARMLEYSVILLE RD
MONTICELLO, KY 42633

(M1) PARCEL ID: 086-00-00-006.03
NEW MATTHEW
177 GREEN ACRES DR
MONTICELLO, KY 42633

(N1) PARCEL ID: 086-00-00-007.00
SANDUSKY BELLE -HEIRS-
C/O ORVIL RENNER JR
190 PERCIFUL ST
MT VERNON, KY 40456

(O1) PARCEL ID: 086-00-00-008.00
HATFIELD-JEFFERS RHONDA AND
HATFIELD TAMMY & DAVID
1654 HWY 789
MONTICELLO, KY 42633

SMW ENGINEERING GROUP, INC.
SMW #: 18-1305

at&t

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2	11/29/18	ISSUED FOR CONSTRUCTION

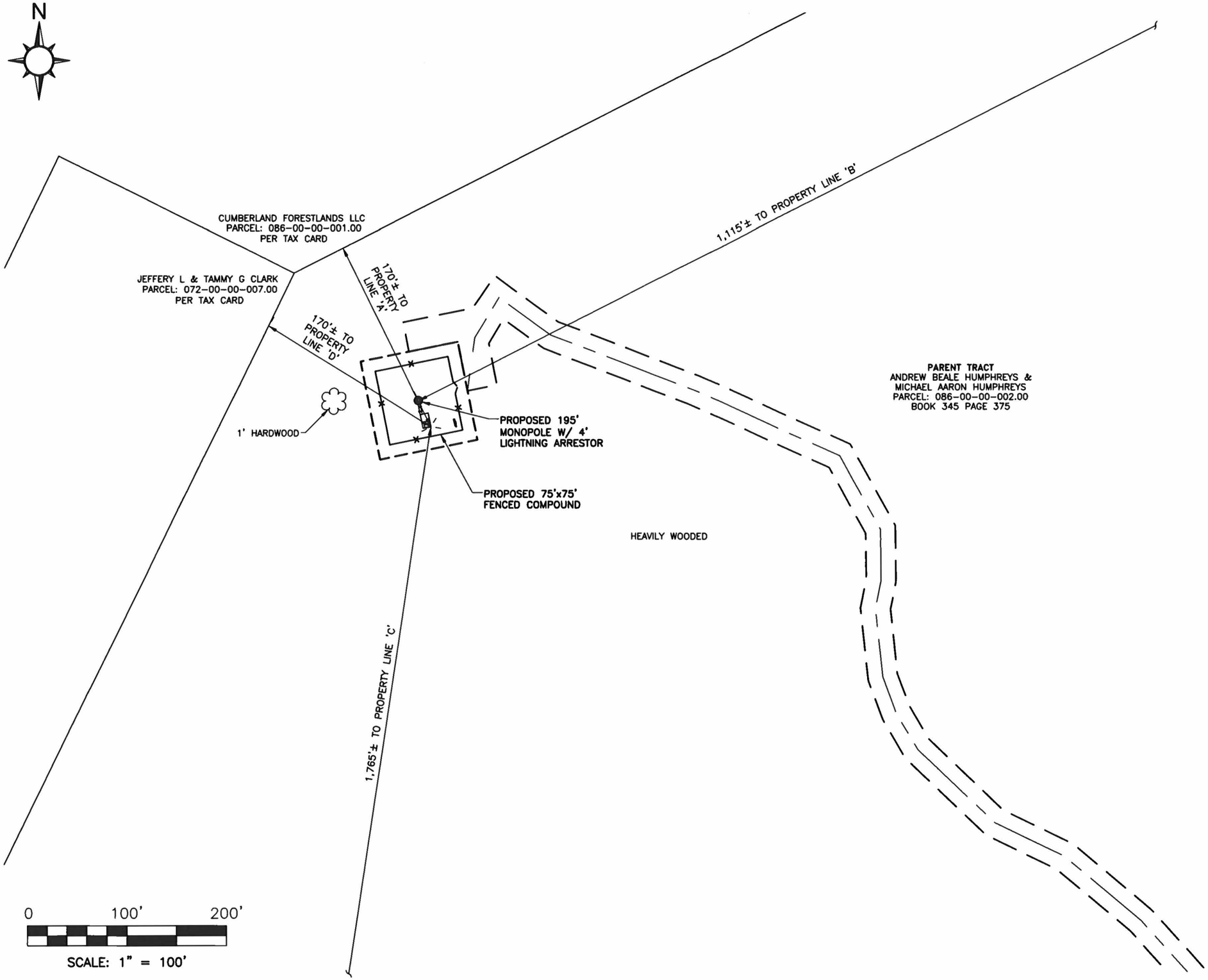
DOBBS HOLLOW FN

500' RADIUS AND ABUTTERS MAP

DESIGNED: JDS
DRAWN: BMD
CHECKED: RTB

JOB #: 14397265

B-2



SMW ENGINEERING GROUP, INC.

SMW #: 18-1305

at&t

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DOBBS HOLLOW FN

OVERALL SITE LAYOUT

CA#: 2865

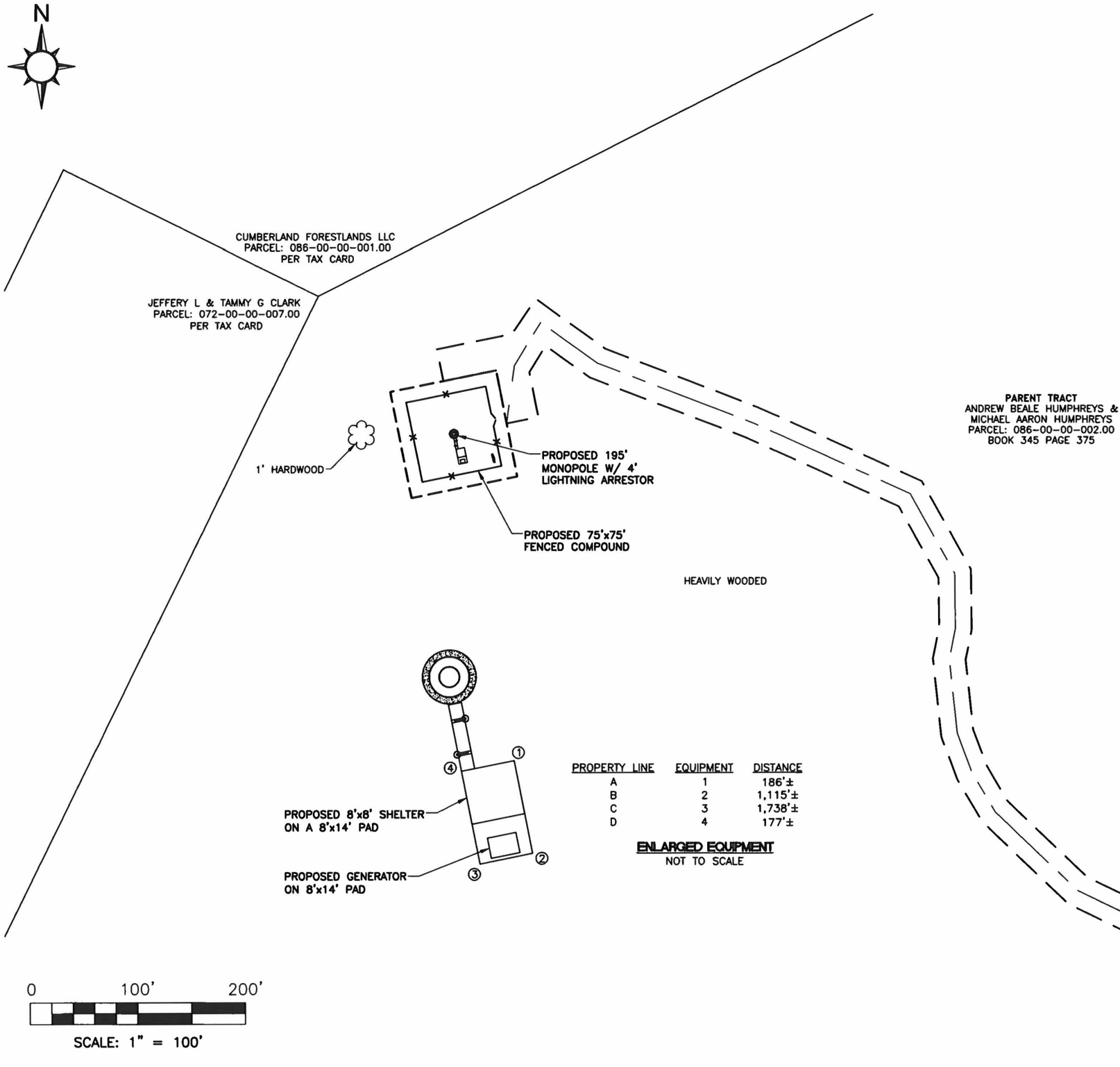
STATE OF KENTUCKY
JEREMY D. SHARIT
26823
LICENSED
PROFESSIONAL ENGINEER

11/29/18

DESIGNED: JDS
DRAWN: BMD
CHECKED: RTB

JOB #: 14397265

C-1



PROPERTY LINE	EQUIPMENT	DISTANCE
A	1	186'±
B	2	1,115'±
C	3	1,738'±
D	4	177'±

ENLARGED EQUIPMENT
NOT TO SCALE

CA#: 2865

STATE OF KENTUCKY
JEREMY D. SHARIT
26823
LICENSED
PROFESSIONAL ENGINEER

11/29/18

SMW ENGINEERING GROUP, INC.

SMW #: 18-1305

at&t

#	DATE	DESCRIPTION:
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1	11/26/18	REISSUED FOR CLIENT REV.
2	11/29/18	ISSUED FOR CONSTRUCTION

DOBBS HOLLOW FN

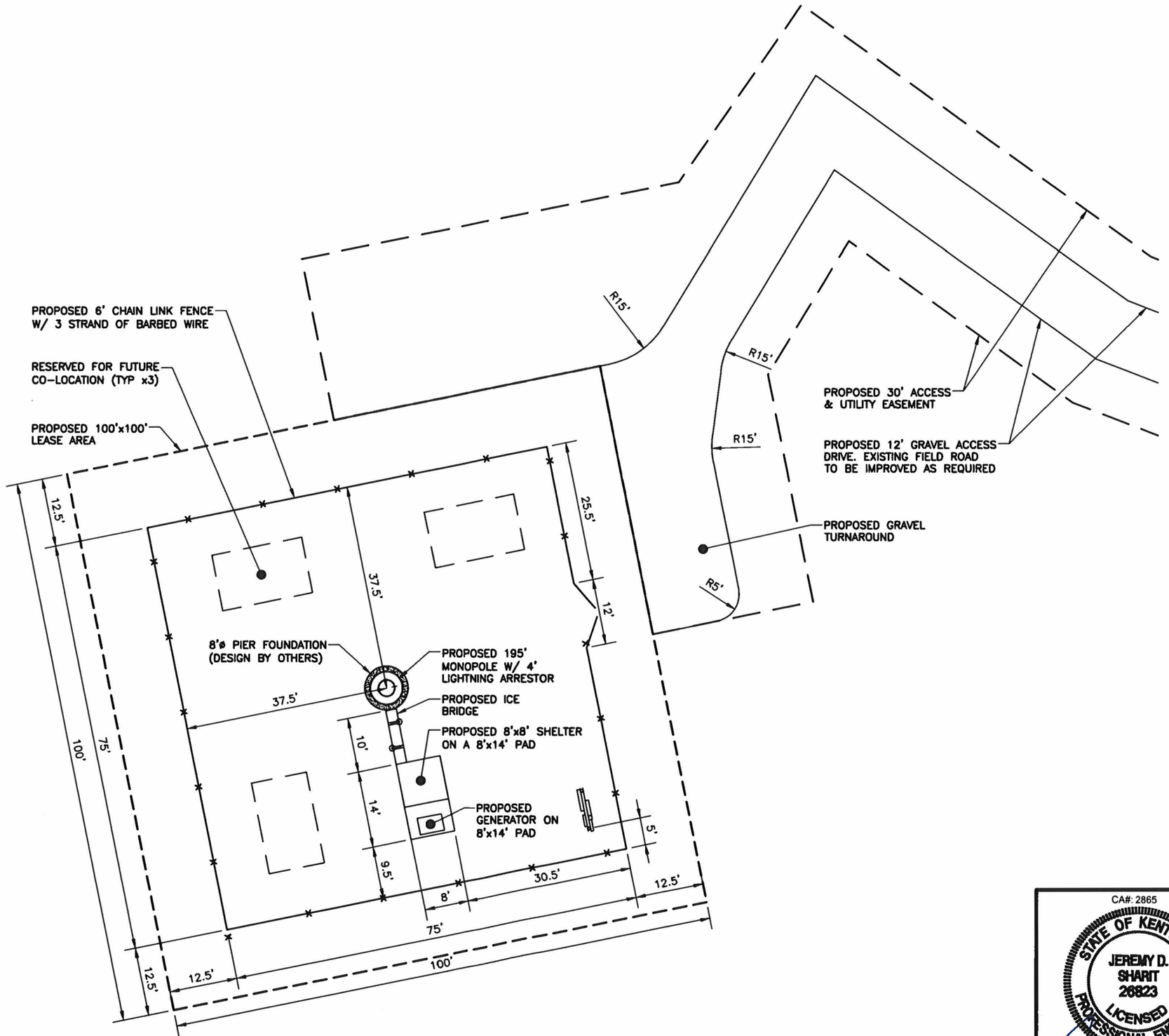
OVERALL SITE
LAYOUT - CONT'D

DESIGNED: JDS
DRAWN: BMD
CHECKED: RTB

JOB #: 14397265

C-2

EXISTING TREES TO BE REMOVED WITHIN COMPOUND AND EASEMENT. CONTRACTOR TO FIELD VERIFY BEFORE CONSTRUCTION



N

0' 20' 40' 60'
1" = 20' (11"x17")

0' 10' 20' 30'
1" = 10' (24"x36")

SMW ENGINEERING GROUP, INC.
TOMORROW PLANNING & BUILDING TODAY

SMW #: 18-1305

at&t

#	DATE	DESCRIPTION:
0	11/15/18	ISSUED FOR CLIENT REV.
1	11/26/18	REISSUED FOR CLIENT REV.
2	11/29/18	ISSUED FOR CONSTRUCTION

DOBBS HOLLOW FN

ENLARGED COMPOUND LAYOUT

DESIGNED: JDS
DRAWN: BMD
CHECKED: RTB

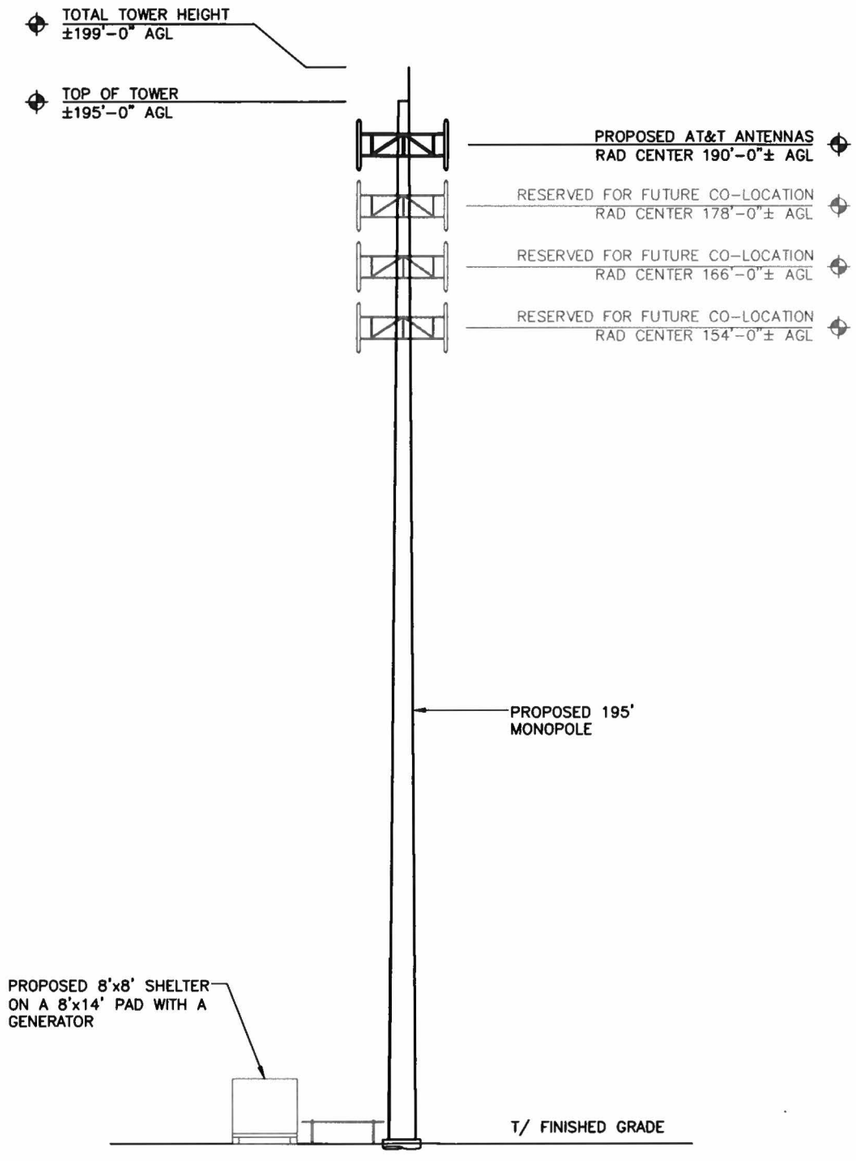
JOB #: 14397265

C-3

CA#: 2865
STATE OF KENTUCKY
JEREMY D. SHARIT
26823
LICENSED PROFESSIONAL ENGINEER
11/29/18

TOWER NOTES

1. THE PROPOSED TOWER, FOUNDATION, ANTENNA MOUNTS AND ANTENNAS WERE DESIGNED BY OTHERS.
2. THE TOWER ELEVATION SHOWN IS FOR REFERENCE ONLY.
3. SEE TOWER MANUFACTURER'S DRAWINGS FOR TOWER AND FOUNDATION DETAILS & SPECIFICATIONS.
4. MANUFACTURER'S DRAWINGS SUPERSCEDE A&E DRAWINGS.



CA#: 2865

STATE OF KENTUCKY
JEREMY D. SHARIT
26823
LICENSED PROFESSIONAL ENGINEER

11/29/18

SMW ENGINEERING GROUP, INC.
VERIZON PLANNING & SITING TECHNICIAN

SMW #: 18-1305

at&t

#	DATE	DESCRIPTION:
0	11/15/18	ISSUED FOR CLIENT REV.
1	11/26/18	REISSUED FOR CLIENT REV.
2	11/29/18	ISSUED FOR CONSTRUCTION

DOBBS HOLLOW FN

TOWER ELEVATION

DESIGNED: JDS
DRAWN: BMD
CHECKED: RTB

JOB #: 14397265

C-4

EXHIBIT C
TOWER AND FOUNDATION DESIGN

MasTec
Network Solutions

November 7th, 2018
Kentucky Public Service Commission
211 Sower Blvd.
P.O. Box 615
Frankfort, KY 40602-0615

RE: Site Name – Dobbs Hollow FN
Proposed Cell Tower
36° 39' 50.21" North Latitude, 84° 48' 42.82" West Longitude

Dear Commissioners:

The Project / Construction Manager for the proposed new communications facility will be Don Murdock. His contact information is (615) 207-8280 or Don.Murdock@mastec.com

Don has been in the industry completing civil construction and constructing towers since 2009. He has worked at Mastec Network Solutions since 2009 completing project and construction management on new site build projects.

Thank you,

Don Murdock, Sr. Project Manager – Tennessee/Kentucky Market
MasTec Network Solutions
(615) 207-8280

Sabre Industries™
Towers and Poles

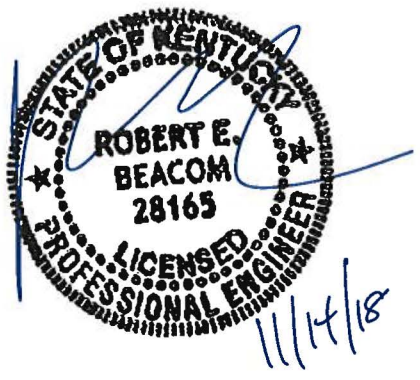
Structural Design Report

195' Monopole
Site: Dobbs Hollow FN, KY

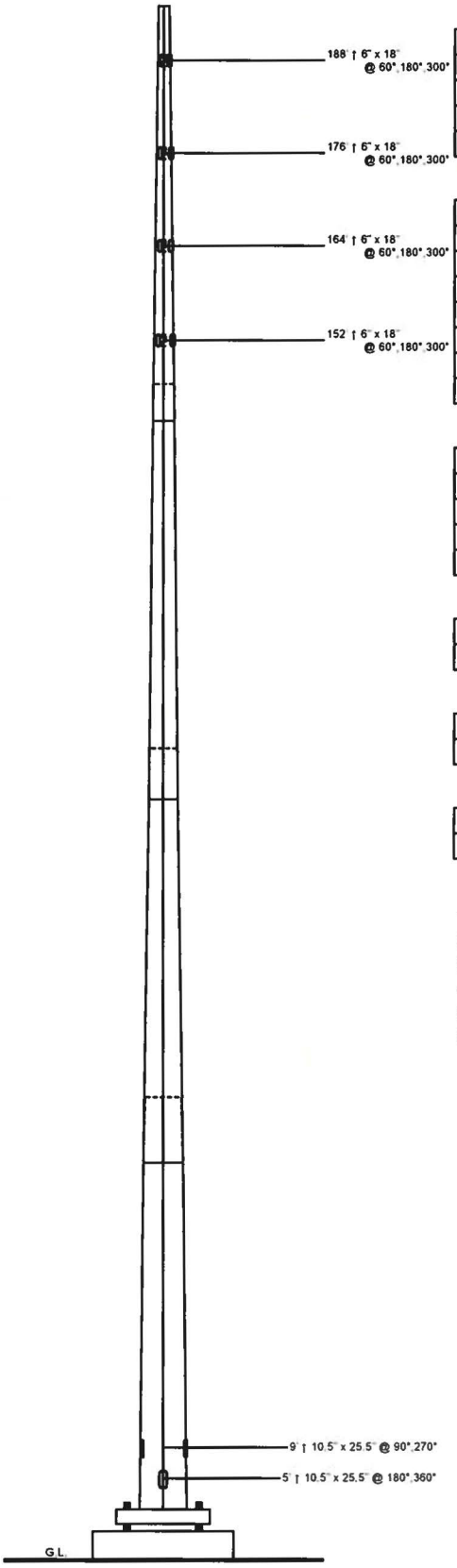
Prepared for: AT&T
by: Sabre Towers & Poles ™

Job Number: 422231

November 14, 2018



Length (ft)	53'-3"	53'-6"	53'-6"	53'-6"
Number Of Sides	18			
Thickness (in)	9/16"			7/16"
Lap Splice (ft)	8' - 6"	6' - 6"	A	
Top Diameter (in)	57.34"	44.57"	31.18"	17"
Bottom Diameter (in)	73.78"	61.09"	47.7"	33.52"
Taper (in/ft)	0.3088			
Grade	A572-65			
Weight (lbs)	25101	17991	13378	7149
Overall Steel Height (ft)	194			



Designed Appurtenance Loading

Elev	Description	Tx-Line
190	(1) 278 sq. ft. EPA 6000# (no Ice)	(18) 1 5/8"
178	(1) 208 sq. ft. EPA 4000# (no Ice)	(18) 1 5/8"
166	(1) 208 sq. ft. EPA 4000# (no Ice)	(18) 1 5/8"
154	(1) 208 sq. ft. EPA 4000# (no Ice)	(18) 1 5/8"

Design Criteria - ANSI/TIA-222-G

Ultimate Wind Speed (No Ice)	115 mph
Wind Speed (Ice)	30 mph
Design Ice Thickness	0.75 in
Structure Class	II
Risk Category	II
Exposure Category	C
Topographic Category	3
Crest Height	283 ft

Load Case Reactions

Description	Axial (kips)	Shear (kips)	Moment (ft-k)	Deflection (ft)	Sway (deg)
3s Gusted Wind	105.11	90.87	13222.59	19.15	11.68
3s Gusted Wind 0.9 Dead	78.94	90.78	12995.01	18.72	11.38
3s Gusted Wind&Ice	162.51	15.44	2480.3	3.82	2.28
Service Loads	87.73	23.14	3362.2	5.01	3.01

Base Plate Dimensions

Shape	Width	Thickness	Bolt Circle	Bolt Qty	Bolt Diameter
Square	84"	2.75"	81.25"	32	2.25"

Anchor Bolt Dimensions

Length	Diameter	Hole Diameter	Weight	Type	Finish
84"	2.25"	2.625"	3875.2	A615-75	Galv

Material List

Display	Value
A	4' - 9"

Notes

1) Antenna Feed Lines Run Inside Pole
2) All dimensions are above ground level, unless otherwise specified.
3) Weights shown are estimates. Final weights may vary.
4) Full Height Step Bolts
5) Tower Rating: 99.7%
6) This tower design and, if applicable, the foundation design(s) shown on the following page(s) also meet or exceed the requirements of the 2012 International Building Code.

Sabre Industries
Towers and Poles

Sabre Communications Corporation
7101 Southbridge Drive
P.O. Box 658
Sioux City, IA 51102-0658
Phone (712) 258-6690
Fax (712) 279-0814

Job:	422231
Customer:	AT&T
Site Name:	Dobbs Hollow FN, KY
Description:	195' Monopole
Date:	11/14/2018 By: REB

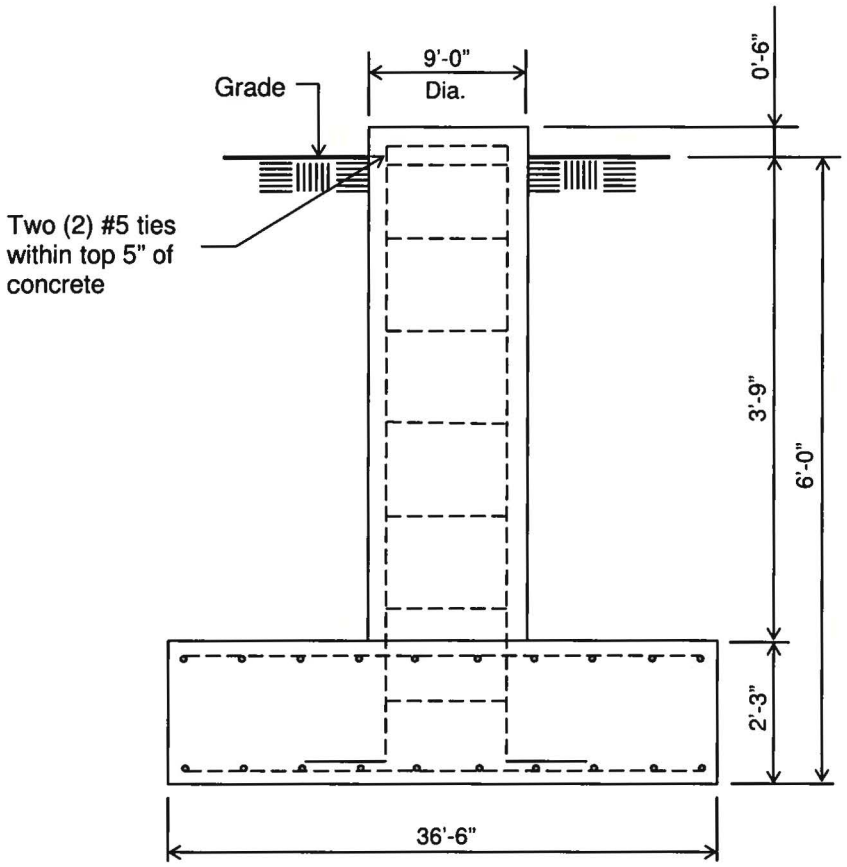
Sabre Industries™
Towers and Poles

No.: 422231

Date: 11/14/18
By: REB

Customer: AT&T
Site: Dobbs Hollow FN, KY
195' Monopole

PRELIMINARY -NOT FOR CONSTRUCTION-



ELEVATION VIEW
(121.03 Cu. Yds.)
(1 REQUIRED; NOT TO SCALE)

Notes:

1) Concrete shall have a minimum 28-day compressive strength of 4,500 psi, in accordance with ACI 318-11.

2) Rebar to conform to ASTM specification A615 Grade 60.

3) All rebar to have a minimum of 3" concrete cover.

4) All exposed concrete corners to be chamfered 3/4".

5) The foundation design is based on presumptive clay soil as defined in ANSI/TIA-222-G-2005. It is recommended that a soil analysis of the site be performed to verify the soil parameters used in the design.

6) 3.75 ft of soil cover is required over the entire area of the foundation slab.

7) The foundation is based on the following factored loads:
   Moment = 13,222.59 k-ft
   Axial = 105.11 k
   Shear = 90.87 k

Rebar Schedule for Pad and Pier	
Pier	(52) #10 vertical rebar w/ hooks at bottom w/ #5 ties, two within top 5" of pier, then 12" C/C
Pad	(70) #9 horizontal rebar evenly spaced each way top and bottom (280 total)

7101 Southbridge Drive - P.O. Box 658 - Sioux City, IA 51102-0658 - Phone 712.258.6690 - Fax 712.279.0814

(USA 222-G) - Monopole Spatial Analysis (c)2015 Guymast Inc.

Tel:(416)736-7453 Fax:(416)736-4372 Web:www.guymast.com

Processed under license at:

Sabre Towers and Poles on: 14 nov 2018 at: 15:21:15

195' Monopole / Dobbs Hollow FN, KY

* All pole diameters shown on the following pages are across corners.
See profile drawing for widths across flats.

POLE GEOMETRY

ELEV ft	SECTION NAME	No. SIDE	OUTSIDE DIAM in	THICK -NESS in	RESISTANCES ♦*Pn kip	♦*Mn ft-kip	SPLICE TYPE	...OVERLAP... LENGTH ft	RATIO	w/t
194.0										
			17.26	0.438	1708.7	571.9				
	A	18								5.1
			32.53	0.438	3260.4	2107.2				
145.2										
			32.53	0.438	3260.4	2107.2				
	A/B	18					SLIP	4.75	1.75	
			33.16	0.562	4257.4	2784.7				
140.5										
			33.16	0.562	4257.4	2784.7				
	B	18								8.5
			46.38	0.562	5983.9	5527.9				
98.2										
			46.38	0.562	5983.9	5527.9				
	B/C	18					SLIP	6.50	1.67	
			47.31	0.562	6105.6	5756.3				
91.7										
			47.31	0.562	6105.6	5756.3				
	C	18								12.8
			59.35	0.562	7619.8	9055.8				
53.2										
			59.35	0.562	7619.8	9055.8				
	C/D	18					SLIP	8.50	1.70	
			60.91	0.562	7767.8	9478.7				
44.7										
			60.91	0.562	7767.8	9478.7				
	D	18								17.0
			74.92	0.562	8973.3	13516.6				
0.0										

POLE ASSEMBLY

SECTION NAME	BASE ELEV ft	..BOLTS AT BASE OF SECTION.. NUMBER	TYPE	DIAM in	STRENGTH ksi	THREADS IN SHEAR PLANE	CALC BASE ELEV ft
A	140.500	0	A325	0.00	92.0	0	140.500
B	91.750	0	A325	0.00	92.0	0	91.750
C	44.750	0	A325	0.00	92.0	0	44.750
D	0.000	0	A325	0.00	92.0	0	0.000

POLE SECTIONS

SECTION NAME	No.of SIDES	LENGTH ft	OUTSIDE.DIAMETER BOT * in	TOP * in	BEND RAD in	MAT-ERIAL ID	FLANGE.ID BOT	TOP	FLANGE.WELD ..GROUP.ID.. BOT	TOP
A	18	53.50	34.04	17.26	0.000	1	0	0	0	0
B	18	53.50	48.44	31.66	0.000	2	0	0	0	0
C	18	53.50	62.03	45.26	0.000	3	0	0	0	0
D	18	53.25	74.92	58.22	0.000	4	0	0	0	0

* - Diameter of circumscribed circle

MATERIAL TYPES

TYPE OF SHAPE	TYPE NO	NO OF ELEM.	ORIENT & deg	HEIGHT in	WIDTH in	.THICKNESS. WEB in	FLANGE in	IRREGULARITY .PROJECTION. % OF AREA	ORIENT deg
PL	1	1	0.0	34.04	0.44	0.438	0.438	0.00	0.0
PL	2	1	0.0	48.44	0.56	0.562	0.562	0.00	0.0
PL	3	1	0.0	62.03	0.56	0.562	0.562	0.00	0.0
PL	4	1	0.0	74.92	0.56	0.562	0.562	0.00	0.0

& - With respect to vertical

MATERIAL PROPERTIES

MATERIAL TYPE NO.	ELASTIC MODULUS ksi	UNIT WEIGHT pcf	.. STRENGTH .. Fu ksi	Fy ksi	THERMAL COEFFICIENT /deg
1	29000.0	490.0	80.0	65.0	0.00001170
2	29000.0	490.0	80.0	65.0	0.00001170
3	29000.0	490.0	80.0	65.0	0.00001170
4	29000.0	490.0	80.0	65.0	0.00001170

* Only 3 condition(s) shown in full
* Some concentrated wind loads may have been derived from full-scale wind tunnel testing

LOADING CONDITION A

115 mph Ultimate wind with no ice. Wind Azimuth: 0♦

LOADS ON POLE

LOAD TYPE	ELEV ft	APPLY..LOAD..AT RADIUS ft	AZI	LOAD AZI	.....FORCES..... HORIZ kip	DOWN kip	.....MOMENTS..... VERTICAL ft-kip	TORSNAL ft-kip
C	189.000	0.00	0.0	0.0	0.0000	4.2457	0.0000	0.0000
C	189.000	0.00	0.0	0.0	17.6960	7.2000	0.0000	0.0000
C	177.000	0.00	0.0	0.0	0.0000	3.9761	0.0000	0.0000
C	177.000	0.00	0.0	0.0	13.3421	4.8000	0.0000	0.0000
C	165.000	0.00	0.0	0.0	0.0000	3.7066	0.0000	0.0000
C	165.000	0.00	0.0	0.0	13.4540	4.8000	0.0000	0.0000
C	153.000	0.00	0.0	0.0	0.0000	3.4370	0.0000	0.0000
C	153.000	0.00	0.0	0.0	13.5754	4.8000	0.0000	0.0000
D	194.000	0.00	180.0	0.0	0.0684	0.1087	0.0000	0.0000
D	177.750	0.00	180.0	0.0	0.0684	0.1087	0.0000	0.0000
D	177.750	0.00	180.0	0.0	0.0870	0.1367	0.0000	0.0000
D	161.500	0.00	180.0	0.0	0.0870	0.1367	0.0000	0.0000
D	161.500	0.00	180.0	0.0	0.1060	0.1647	0.0000	0.0000
D	145.250	0.00	180.0	0.0	0.1060	0.1647	0.0000	0.0000
D	145.250	0.00	180.0	0.0	0.1186	0.4121	0.0000	0.0000
D	140.500	0.00	180.0	0.0	0.1186	0.4121	0.0000	0.0000
D	140.500	0.00	180.0	0.0	0.1270	0.2503	0.0000	0.0000
D	126.417	0.00	180.0	0.0	0.1270	0.2503	0.0000	0.0000
D	126.417	0.00	180.0	0.0	0.1446	0.2815	0.0000	0.0000
D	112.333	0.00	180.0	0.0	0.1446	0.2815	0.0000	0.0000
D	112.333	0.00	180.0	0.0	0.1626	0.3128	0.0000	0.0000
D	98.250	0.00	180.0	0.0	0.1626	0.3128	0.0000	0.0000
D	98.250	0.00	180.0	0.0	0.1759	0.6644	0.0000	0.0000
D	91.750	0.00	180.0	0.0	0.1759	0.6644	0.0000	0.0000
D	91.750	0.00	180.0	0.0	0.1843	0.3503	0.0000	0.0000
D	78.917	0.00	180.0	0.0	0.1843	0.3503	0.0000	0.0000

D	78.917	0.00	180.0	0.0	0.2010	0.3789	0.0000	0.0000
D	66.083	0.00	180.0	0.0	0.2010	0.3789	0.0000	0.0000
D	66.083	0.00	180.0	0.0	0.2171	0.4074	0.0000	0.0000
D	53.250	0.00	180.0	0.0	0.2171	0.4074	0.0000	0.0000
D	53.250	0.00	180.0	0.0	0.2296	0.8552	0.0000	0.0000
D	44.750	0.00	180.0	0.0	0.2296	0.8552	0.0000	0.0000
D	44.750	0.00	180.0	0.0	0.2352	0.4459	0.0000	0.0000
D	33.562	0.00	180.0	0.0	0.2352	0.4459	0.0000	0.0000
D	33.562	0.00	180.0	0.0	0.2429	0.4709	0.0000	0.0000
D	22.375	0.00	180.0	0.0	0.2429	0.4709	0.0000	0.0000
D	22.375	0.00	180.0	0.0	0.2424	0.4959	0.0000	0.0000
D	11.187	0.00	180.0	0.0	0.2424	0.4959	0.0000	0.0000
D	11.187	0.00	180.0	0.0	0.2590	0.5208	0.0000	0.0000
D	0.000	0.00	180.0	0.0	0.2590	0.5208	0.0000	0.0000

LOADING CONDITION M

115 mph Ultimate wind with no ice. Wind Azimuth: 0♦

LOADS ON POLE

LOAD TYPE	ELEV ft	APPLY..LOAD..AT RADIUS ft	AZI	LOAD AZI	.....FORCES..... HORIZ kip	DOWN kip	.....MOMENTS..... VERTICAL ft-kip	TORSNAL ft-kip
C	189.000	0.00	0.0	0.0	0.0000	3.1843	0.0000	0.0000
C	189.000	0.00	0.0	0.0	17.6960	5.4000	0.0000	0.0000
C	177.000	0.00	0.0	0.0	0.0000	2.9821	0.0000	0.0000
C	177.000	0.00	0.0	0.0	13.3421	3.6000	0.0000	0.0000
C	165.000	0.00	0.0	0.0	0.0000	2.7799	0.0000	0.0000
C	165.000	0.00	0.0	0.0	13.4540	3.6000	0.0000	0.0000
C	153.000	0.00	0.0	0.0	0.0000	2.5777	0.0000	0.0000
C	153.000	0.00	0.0	0.0	13.5754	3.6000	0.0000	0.0000
D	194.000	0.00	180.0	0.0	0.0684	0.0815	0.0000	0.0000
D	177.750	0.00	180.0	0.0	0.0684	0.0815	0.0000	0.0000
D	177.750	0.00	180.0	0.0	0.0870	0.1025	0.0000	0.0000
D	161.500	0.00	180.0	0.0	0.0870	0.1025	0.0000	0.0000
D	161.500	0.00	180.0	0.0	0.1060	0.1235	0.0000	0.0000
D	145.250	0.00	180.0	0.0	0.1060	0.1235	0.0000	0.0000
D	145.250	0.00	180.0	0.0	0.1186	0.3091	0.0000	0.0000
D	140.500	0.00	180.0	0.0	0.1186	0.3091	0.0000	0.0000
D	140.500	0.00	180.0	0.0	0.1270	0.1877	0.0000	0.0000
D	126.417	0.00	180.0	0.0	0.1270	0.1877	0.0000	0.0000
D	126.417	0.00	180.0	0.0	0.1446	0.2112	0.0000	0.0000
D	112.333	0.00	180.0	0.0	0.1446	0.2112	0.0000	0.0000
D	112.333	0.00	180.0	0.0	0.1626	0.2346	0.0000	0.0000
D	98.250	0.00	180.0	0.0	0.1626	0.2346	0.0000	0.0000
D	98.250	0.00	180.0	0.0	0.1759	0.4983	0.0000	0.0000
D	91.750	0.00	180.0	0.0	0.1759	0.4983	0.0000	0.0000
D	91.750	0.00	180.0	0.0	0.1843	0.2627	0.0000	0.0000
D	78.917	0.00	180.0	0.0	0.1843	0.2627	0.0000	0.0000
D	78.917	0.00	180.0	0.0	0.2010	0.2841	0.0000	0.0000
D	66.083	0.00	180.0	0.0	0.2010	0.2841	0.0000	0.0000
D	66.083	0.00	180.0	0.0	0.2171	0.3056	0.0000	0.0000
D	53.250	0.00	180.0	0.0	0.2171	0.3056	0.0000	0.0000
D	53.250	0.00	180.0	0.0	0.2296	0.6414	0.0000	0.0000
D	44.750	0.00	180.0	0.0	0.2296	0.6414	0.0000	0.0000
D	44.750	0.00	180.0	0.0	0.2352	0.3344	0.0000	0.0000
D	33.562	0.00	180.0	0.0	0.2352	0.3344	0.0000	0.0000
D	33.562	0.00	180.0	0.0	0.2429	0.3532	0.0000	0.0000
D	22.375	0.00	180.0	0.0	0.2429	0.3532	0.0000	0.0000
D	22.375	0.00	180.0	0.0	0.2424	0.3719	0.0000	0.0000
D	11.187	0.00	180.0	0.0	0.2424	0.3719	0.0000	0.0000
D	11.187	0.00	180.0	0.0	0.2590	0.3906	0.0000	0.0000
D	0.000	0.00	180.0	0.0	0.2590	0.3906	0.0000	0.0000

LOADING CONDITION Y

30 mph wind with 0.75 ice. Wind Azimuth: 0♦

LOADS ON POLE
==========

LOAD TYPE	ELEV ft	APPLY..LOAD..AT RADIUS ft	AZI	LOAD AZI	.....FORCES..... HORIZ kip	DOWN kip	.....MOMENTS..... VERTICAL ft-kip	TORSNAL ft-kip
C	189.000	0.00	0.0	0.0	0.0000	4.2457	0.0000	0.0000
C	189.000	0.00	0.0	0.0	2.2473	18.9401	0.0000	0.0000
C	177.000	0.00	0.0	0.0	0.0000	3.9761	0.0000	0.0000
C	177.000	0.00	0.0	0.0	2.8032	12.6343	0.0000	0.0000
C	165.000	0.00	0.0	0.0	0.0000	3.7066	0.0000	0.0000
C	165.000	0.00	0.0	0.0	2.8287	12.6428	0.0000	0.0000
C	153.000	0.00	0.0	0.0	0.0000	3.4370	0.0000	0.0000
C	153.000	0.00	0.0	0.0	2.8565	12.6520	0.0000	0.0000
D	194.000	0.00	180.0	0.0	0.0107	0.1608	0.0000	0.0000
D	177.750	0.00	180.0	0.0	0.0107	0.1608	0.0000	0.0000
D	177.750	0.00	180.0	0.0	0.0132	0.2010	0.0000	0.0000
D	161.500	0.00	180.0	0.0	0.0132	0.2010	0.0000	0.0000
D	161.500	0.00	180.0	0.0	0.0157	0.2413	0.0000	0.0000
D	145.250	0.00	180.0	0.0	0.0157	0.2413	0.0000	0.0000
D	145.250	0.00	180.0	0.0	0.0174	0.4968	0.0000	0.0000
D	140.500	0.00	180.0	0.0	0.0174	0.4968	0.0000	0.0000
D	140.500	0.00	180.0	0.0	0.0185	0.3400	0.0000	0.0000
D	126.417	0.00	180.0	0.0	0.0185	0.3400	0.0000	0.0000
D	126.417	0.00	180.0	0.0	0.0208	0.3820	0.0000	0.0000
D	112.333	0.00	180.0	0.0	0.0208	0.3820	0.0000	0.0000
D	112.333	0.00	180.0	0.0	0.0232	0.4240	0.0000	0.0000
D	98.250	0.00	180.0	0.0	0.0232	0.4240	0.0000	0.0000
D	98.250	0.00	180.0	0.0	0.0250	0.7833	0.0000	0.0000
D	91.750	0.00	180.0	0.0	0.0250	0.7833	0.0000	0.0000
D	91.750	0.00	180.0	0.0	0.0261	0.4738	0.0000	0.0000
D	78.917	0.00	180.0	0.0	0.0261	0.4738	0.0000	0.0000
D	78.917	0.00	180.0	0.0	0.0283	0.5119	0.0000	0.0000
D	66.083	0.00	180.0	0.0	0.0283	0.5119	0.0000	0.0000
D	66.083	0.00	180.0	0.0	0.0304	0.5496	0.0000	0.0000
D	53.250	0.00	180.0	0.0	0.0304	0.5496	0.0000	0.0000
D	53.250	0.00	180.0	0.0	0.0320	1.0045	0.0000	0.0000
D	44.750	0.00	180.0	0.0	0.0320	1.0045	0.0000	0.0000
D	44.750	0.00	180.0	0.0	0.0325	0.6012	0.0000	0.0000
D	0.000	0.00	180.0	0.0	0.0352	0.6794	0.0000	0.0000

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195' Monopole / Dobbs Hollow FN, KY

MAXIMUM POLE DEFORMATIONS CALCULATED(w.r.t. wind direction)
==========

MAST ELEV ft	.....DEFLECTIONS (ft)..... HORIZONTAL ..... ALONG	ACROSS	DOWN	.....ROTATIONS (deg)..... TILT ..... ALONG	ACROSS	TWIST
194.0	19.15K	0.03L	2.73K	11.68K	0.01L	0.00K
177.7	15.99K	0.02L	2.09K	11.44K	0.01L	0.00K
161.5	12.97K	0.02L	1.51K	10.53K	0.01L	0.00K
145.2	10.25K	0.02L	1.04K	9.18K	0.01L	0.00K
140.5	9.52K	0.02L	0.93K	8.83K	0.01L	0.00K
126.4	7.53K	0.01L	0.64K	7.69K	0.01L	0.00K
112.3	5.80K	0.01L	0.42K	6.59K	0.01L	0.00K

98.2	4.33K	0.01L	0.27K	5.56K	0.01L	0.00K
91.7	3.73K	0.01L	0.21K	5.11K	0.01L	0.00K
78.9	2.69K	-0.01Q	0.13K	4.22K	0.01L	0.00K
66.1	1.85K	0.00Q	0.07K	3.40K	-0.01Q	0.00K
53.2	1.17K	0.00Q	0.04K	2.65K	-0.01Q	0.00K
44.7	0.81K	0.00Q	0.02K	2.19K	0.00Q	0.00K
33.6	0.45K	0.00Q	0.01K	1.58K	0.00Q	0.00K
22.4	0.19K	0.00Q	0.00K	1.02K	0.00Q	0.00K
11.2	0.05K	0.00Q	0.00K	0.49K	0.00Q	0.00K
0.0	0.00A	0.00A	0.00A	0.00A	0.00A	0.00A

MAXIMUM POLE FORCES CALCULATED(w.r.t. to wind direction)

MAST ELEV ft	TOTAL AXIAL kip	SHEAR.w.r.t.WIND.DIR ALONG kip	ACROSS kip	MOMENT.w.r.t.WIND.DIR ALONG ft-kip	ACROSS ft-kip	TORSION ft-kip
194.0	0.02 P	0.00 P	0.00 E	-0.01 D	-0.01 E	0.00 U
177.7	25.80 Y	18.79 O	0.00 E	-227.53 K	-0.03 K	-0.05 K
	25.80 AC	18.80 U	0.01 K	-227.53 K	-0.03 C	-0.05 K
161.5	62.02 AC	46.98 U	0.01 K	-851.49 K	-0.24 K	-0.18 T
	62.02 AB	46.98 O	-0.01 O	-851.47 K	-0.25 K	-0.18 T
145.2	82.03 AB	62.26 O	-0.01 O	-1811.42 K	-0.39 K	-0.39 K
	82.03 AJ	62.60 B	0.25 L	-1811.57 K	-0.57 C	-0.41 K
140.5	84.39 AJ	63.16 B	0.25 L	-2133.64 I	-0.81 K	-0.46 T
	84.39 AD	63.09 K	0.19 C	-2133.41 K	-0.62 N	-0.52 T
126.4	89.18 AD	64.86 K	0.19 C	-3109.29 K	-2.71 C	-0.81 K
	89.18 AI	64.86 K	0.24 L	-3109.38 K	-2.69 C	-0.80 K
112.3	94.56 AI	66.88 K	0.24 L	-4110.79 K	-4.57 L	-1.19 K
	94.56 AD	66.89 K	0.24 L	-4110.79 K	-4.60 L	-1.19 K
98.2	100.53 AD	69.17 K	0.24 L	-5139.24 K	-7.96 L	-1.53 K
	100.53 AD	69.12 K	-0.26 B	-5139.27 K	-7.89 L	-1.52 K
91.7	105.62 AD	70.26 K	-0.26 B	-5624.20 K	-9.03 L	-1.68 K
	105.62 AA	70.35 K	-0.24 Q	-5624.18 K	-8.94 L	-1.68 K
78.9	111.70 AA	72.70 K	-0.24 Q	-6602.06 K	-10.80 L	-1.98 K
	111.70 AI	72.69 K	0.21 L	-6602.09 K	-10.83 L	-1.98 K
66.1	118.27 AI	75.27 K	0.21 L	-7605.37 K	-13.50 L	-2.23 K
	118.27 AA	75.28 K	-0.22 Q	-7605.36 K	-13.53 L	-2.24 K
53.2	125.32 AI	78.06 K	-0.22 Q	-8635.98 K	-15.79 L	-2.46 K
	125.32 AI	77.99 K	-0.25 B	-8636.02 K	-15.85 L	-2.45 K
44.7	133.86 AI	79.94 K	-0.25 B	-9334.57 K	-17.48 L	-2.57 K
	133.86 AI	79.94 K	-0.26 W	-9334.57 K	-17.48 L	-2.57 K

33.6	140.69 AI	82.57 K	-0.26 W	-10274.03 K	19.71 Q	-2.69 K
	140.69 AI	82.52 K	-0.24 B	-10274.00 K	19.72 Q	-2.69 K
22.4	147.75 AI	85.23 K	-0.24 B	-11234.75 K	22.26 Q	-2.78 K
	147.75 AA	85.24 K	-0.23 Q	-11234.74 K	22.25 Q	-2.78 K
11.2	155.02 AA	87.95 K	-0.23 Q	-12217.46 K	24.86 Q	-2.83 K
	155.02 AA	87.97 K	-0.23 Q	-12217.46 K	24.88 Q	-2.83 K
	162.51 AA	90.87 K	-0.23 Q	-13222.59 K	27.49 Q	-2.85 K
base reaction	162.51 AA	-90.87 K	0.23 Q	13222.59 K	-27.49 Q	2.85 K

COMPLIANCE WITH 4.8.2 & 4.5.4

ELEV ft	AXIAL	BENDING	SHEAR + TORSIONAL	TOTAL	SATISFIED	D/t(w/t)	MAX ALLOWED
194.00	0.00P	0.00D	0.000	0.00D	YES	5.09A	45.2
	0.01Y	0.23K	0.020	0.24K	YES	7.11A	45.2
177.75	0.01AC	0.23K	0.02U	0.24K	YES	7.11A	45.2
	0.02AC	0.57K	0.03U	0.58K	YES	9.13A	45.2
161.50	0.02AB	0.57K	0.030	0.58K	YES	9.13A	45.2
	0.03AB	0.86K	0.040	0.87K	YES	11.16A	45.2
145.25	0.02AJ	0.68K	0.03B	0.69K	YES	8.28A	45.2
	0.02AJ	0.73I	0.03B	0.74I	YES	8.74A	45.2
140.50	0.02AD	0.77K	0.03K	0.78K	YES	8.47A	45.2
	0.02AD	0.86K	0.03K	0.88K	YES	9.83A	45.2
126.42	0.02AI	0.86K	0.03K	0.88K	YES	9.83A	45.2
	0.02AI	0.91K	0.02K	0.92K	YES	11.20A	45.2
112.33	0.02AD	0.91K	0.02K	0.92K	YES	11.20A	45.2
	0.02AD	0.93K	0.02K	0.94K	YES	12.56A	45.2
98.25	0.02AD	0.93K	0.02K	0.94K	YES	12.56A	45.2
	0.02AD	0.93K	0.02K	0.94K	YES	13.19A	45.2
91.75	0.02AA	0.98K	0.02K	0.99K	YES	12.84A	45.2
	0.02AA	0.97K	0.02K	0.98K	YES	14.08A	45.2
78.92	0.02AI	0.97K	0.02K	0.98K	YES	14.08A	45.2
	0.02AI	0.96K	0.02K	0.97K	YES	15.32A	45.2
66.08	0.02AA	0.96K	0.02K	0.97K	YES	15.32A	45.2
	0.02AI	0.95K	0.02K	0.96K	YES	16.56A	45.2
53.25	0.02AI	0.95K	0.02K	0.96K	YES	16.56A	45.2
	0.02AI	0.95K	0.02K	0.96K	YES	17.39A	45.2
44.75	0.02AI	0.99K	0.02K	1.00K	YES	17.03A	45.2
	0.02AI	0.98K	0.02K	0.99K	YES	18.12A	45.2
33.56							

	0.02AI	0.98K	0.02K	0.99K	YES	18.12A	45.2
	0.02AI	0.98K	0.02K	0.99K	YES	19.20A	45.2
22.37	.....						
	0.02AA	0.98K	0.02K	0.99K	YES	19.20A	45.2
	0.02AA	0.98K	0.02K	0.99K	YES	20.28A	45.2
11.19	.....						
	0.02AA	0.98K	0.02K	0.99K	YES	20.28A	45.2
	0.02AA	0.98K	0.02K	0.99K	YES	21.37A	45.2
0.00	.....						

MAXIMUM LOADS ONTO FOUNDATION(w.r.t. wind direction)

DOWN	SHEAR.w.r.t.WIND.DIR ALONG	ACROSS	MOMENT.w.r.t.WIND.DIR ALONG	ACROSS	TORSION
kip	kip	kip	ft-kip	ft-kip	ft-kip
162.51	90.87	-0.23	-13222.59	27.49	-2.85
AA	K	Q	K	Q	K

195' Monopole / Dobbs Hollow FN, KY

********** Service Load Condition **********

* Only 1 condition(s) shown in full
* Some concentrated wind loads may have been derived from full-scale wind tunnel testing

LOADING CONDITION A

60 mph wind with no ice. Wind Azimuth: 0♦

LOADS ON POLE

LOAD TYPE	ELEV ft	APPLY..LOAD..AT RADIUS ft	AZI	LOAD AZI	.....FORCES..... HORIZ kip	DOWN kip	.....MOMENTS..... VERTICAL ft-kip	TORSNAL ft-kip
C	189.000	0.00	0.0	0.0	0.0000	3.5381	0.0000	0.0000
C	189.000	0.00	0.0	0.0	4.4975	6.0000	0.0000	0.0000
C	177.000	0.00	0.0	0.0	0.0000	3.3134	0.0000	0.0000
C	177.000	0.00	0.0	0.0	3.3910	4.0000	0.0000	0.0000
C	165.000	0.00	0.0	0.0	0.0000	3.0888	0.0000	0.0000
C	165.000	0.00	0.0	0.0	3.4194	4.0000	0.0000	0.0000
C	153.000	0.00	0.0	0.0	0.0000	2.8642	0.0000	0.0000
C	153.000	0.00	0.0	0.0	3.4503	4.0000	0.0000	0.0000
D	194.000	0.00	180.0	0.0	0.0174	0.0906	0.0000	0.0000
D	177.750	0.00	180.0	0.0	0.0174	0.0906	0.0000	0.0000
D	177.750	0.00	180.0	0.0	0.0221	0.1139	0.0000	0.0000
D	161.500	0.00	180.0	0.0	0.0221	0.1139	0.0000	0.0000
D	161.500	0.00	180.0	0.0	0.0269	0.1372	0.0000	0.0000
D	145.250	0.00	180.0	0.0	0.0269	0.1372	0.0000	0.0000
D	145.250	0.00	180.0	0.0	0.0302	0.3434	0.0000	0.0000
D	140.500	0.00	180.0	0.0	0.0302	0.3434	0.0000	0.0000

D	140.500	0.00	180.0	0.0	0.0323	0.2086	0.0000	0.0000
D	126.417	0.00	180.0	0.0	0.0323	0.2086	0.0000	0.0000
D	126.417	0.00	180.0	0.0	0.0367	0.2346	0.0000	0.0000
D	112.333	0.00	180.0	0.0	0.0367	0.2346	0.0000	0.0000
D	112.333	0.00	180.0	0.0	0.0413	0.2607	0.0000	0.0000
D	98.250	0.00	180.0	0.0	0.0413	0.2607	0.0000	0.0000
D	98.250	0.00	180.0	0.0	0.0447	0.5536	0.0000	0.0000
D	91.750	0.00	180.0	0.0	0.0447	0.5536	0.0000	0.0000
D	91.750	0.00	180.0	0.0	0.0468	0.2919	0.0000	0.0000
D	78.917	0.00	180.0	0.0	0.0468	0.2919	0.0000	0.0000
D	78.917	0.00	180.0	0.0	0.0511	0.3157	0.0000	0.0000
D	66.083	0.00	180.0	0.0	0.0511	0.3157	0.0000	0.0000
D	66.083	0.00	180.0	0.0	0.0552	0.3395	0.0000	0.0000
D	53.250	0.00	180.0	0.0	0.0552	0.3395	0.0000	0.0000
D	53.250	0.00	180.0	0.0	0.0584	0.7126	0.0000	0.0000
D	44.750	0.00	180.0	0.0	0.0584	0.7126	0.0000	0.0000
D	44.750	0.00	180.0	0.0	0.0598	0.3716	0.0000	0.0000
D	33.562	0.00	180.0	0.0	0.0598	0.3716	0.0000	0.0000
D	33.562	0.00	180.0	0.0	0.0617	0.3924	0.0000	0.0000
D	22.375	0.00	180.0	0.0	0.0617	0.3924	0.0000	0.0000
D	22.375	0.00	180.0	0.0	0.0616	0.4132	0.0000	0.0000
D	0.000	0.00	180.0	0.0	0.0658	0.4340	0.0000	0.0000

MAXIMUM POLE DEFORMATIONS CALCULATED(w.r.t. wind direction)

MAST ELEV ft	DEFLECTIONS (ft) HORIZONTAL ALONG	HORIZONTAL ACROSS	DOWN	ROTATIONS (deg) TILT ALONG	TILT ACROSS	TWIST
194.0	5.01L	-0.01C	0.19D	3.01L	-0.01C	0.00F
177.7	4.17L	-0.01C	0.14D	2.95L	-0.01C	0.00F
161.5	3.36L	-0.01C	0.10D	2.71L	-0.01C	0.00F
145.2	2.65L	-0.01C	0.07D	2.35L	-0.01C	0.00F
140.5	2.45L	-0.01C	0.06D	2.26L	-0.01C	0.00F
126.4	1.94L	-0.01C	0.04D	1.97L	0.00C	0.00F
112.3	1.49L	0.00C	0.03D	1.68L	0.00C	0.00F
98.2	1.11L	0.00C	0.02D	1.42L	0.00C	0.00F
91.7	0.95L	0.00C	0.02D	1.30L	0.00C	0.00F
78.9	0.69L	0.00C	0.01D	1.07L	0.00C	0.00F
66.1	0.47L	0.00C	0.01D	0.87L	0.00C	0.00F
53.2	0.30L	0.00C	0.00D	0.67L	0.00C	0.00F
44.7	0.21L	0.00C	0.00D	0.56L	0.00C	0.00F
33.6	0.11L	0.00C	0.00D	0.40L	0.00C	0.00F
22.4	0.05L	0.00C	0.00D	0.26L	0.00C	0.00F
11.2	0.01L	0.00C	0.00D	0.12L	0.00C	0.00F
0.0	0.00A	0.00A	0.00A	0.00A	0.00A	0.00A

MAXIMUM POLE FORCES CALCULATED(w.r.t. to wind direction)

MAST ELEV ft	TOTAL AXIAL kip	SHEAR.w.r.t.WIND.DIR ALONG kip	SHEAR.w.r.t.WIND.DIR ACROSS kip	MOMENT.w.r.t.WIND.DIR ALONG ft-kip	MOMENT.w.r.t.WIND.DIR ACROSS ft-kip	TORSION ft-kip
194.0	0.00 L	0.00 D	0.00 I	0.00 D	0.00 L	0.00 I
	11.01 L	4.78 C	0.00 I	-58.96 D	-0.01 K	0.00 K

177.7						
	11.01 F	4.78 B	0.00 K	-58.97 D	-0.01 E	0.00 K
	27.26 F	11.95 B	0.00 K	-220.15 D	-0.05 K	-0.02 K
161.5						
	27.26 I	11.95 K	0.00 L	-220.15 D	-0.05 K	-0.02 K
	36.35 I	15.84 K	0.00 L	-466.91 D	-0.11 K	-0.03 K
145.2						
	36.36 A	15.90 F	0.03 L	-466.92 D	-0.19 K	-0.03 K
	37.99 A	16.05 F	0.03 L	-549.50 I	-0.13 L	-0.04 K
140.5						
	37.99 I	16.01 L	0.05 K	-549.52 D	-0.14 K	-0.04 K
	40.93 I	16.47 L	0.05 K	-798.18 L	-0.89 K	-0.03 K
126.4						
	40.93 A	16.51 L	-0.07 C	-798.16 L	-0.89 K	-0.03 K
	44.23 A	17.02 L	-0.07 C	-1053.09 L	1.73 C	-0.03 F
112.3						
	44.23 F	17.04 L	-0.07 C	-1053.07 L	1.73 C	-0.03 F
	47.90 F	17.62 L	-0.07 C	-1314.36 L	2.70 C	-0.04 F
98.2						
	47.90 F	17.58 L	-0.07 C	-1314.34 L	2.73 C	-0.04 F
	51.50 F	17.87 L	-0.07 C	-1437.13 L	3.18 C	-0.04 F
91.7						
	51.50 F	17.88 I	-0.08 C	-1437.18 L	3.14 C	-0.04 F
	55.24 F	18.48 I	-0.08 C	-1684.45 L	4.20 C	-0.06 F
78.9						
	55.24 F	18.47 I	-0.09 C	-1684.43 L	4.20 C	-0.06 F
	59.29 F	19.13 I	-0.09 C	-1937.96 L	5.41 C	-0.07 F
66.1						
	59.29 F	19.14 I	-0.09 C	-1937.95 L	5.41 C	-0.07 F
	63.65 F	19.84 I	-0.09 C	-2198.35 L	6.63 C	-0.08 F
53.2						
	63.65 F	19.84 D	-0.09 C	-2198.38 L	6.63 C	-0.08 F
	69.71 F	20.34 D	-0.09 C	-2375.15 L	7.43 C	-0.09 F
44.7						
	69.71 F	20.35 I	-0.10 C	-2375.16 L	7.43 C	-0.09 F
	73.86 F	21.01 I	-0.10 C	-2613.10 L	8.56 C	-0.10 F
33.6						
	73.86 F	21.02 I	-0.10 C	-2613.10 L	8.56 C	-0.10 F
	78.25 F	21.71 I	-0.10 C	-2856.86 L	9.68 C	-0.10 F
22.4						
	78.25 F	21.71 I	-0.10 C	-2856.86 L	9.68 C	-0.10 F
	82.94 F	22.41 I	-0.10 C	-3106.52 L	10.81 C	-0.11 F
11.2						
	82.94 F	22.42 I	0.10 E	-3106.52 L	10.81 C	-0.11 F
	87.73 F	23.14 I	-0.10 C	-3362.20 L	11.91 C	-0.11 F
base reaction	87.73 F	-23.14 I	0.10 C	3362.20 L	-11.91 C	0.11 F

COMPLIANCE WITH 4.8.2 & 4.5.4

ELEV ft	AXIAL	BENDING	SHEAR + TORSIONAL	TOTAL	SATISFIED	D/t(w/t)	MAX ALLOWED
194.00							
	0.00L	0.00D	0.00D	0.00D	YES	5.09A	45.2
	0.00L	0.06D	0.00C	0.07D	YES	7.11A	45.2
177.75							
	0.00F	0.06D	0.00B	0.07D	YES	7.11A	45.2

	0.01F	0.15D	0.01B	0.16D	YES	9.13A	45.2
161.50							
	0.01I	0.15D	0.01K	0.16D	YES	9.13A	45.2
	0.01I	0.22D	0.01K	0.23D	YES	11.16A	45.2
145.25							
	0.01A	0.17D	0.01F	0.18D	YES	8.28A	45.2
	0.01A	0.19I	0.01F	0.20I	YES	8.74A	45.2
140.50							
	0.01I	0.20D	0.01L	0.21D	YES	8.47A	45.2
	0.01I	0.22L	0.01L	0.23L	YES	9.83A	45.2
126.42							
	0.01A	0.22L	0.01L	0.23L	YES	9.83A	45.2
	0.01A	0.23L	0.01L	0.24L	YES	11.20A	45.2
112.33							
	0.01F	0.23L	0.01L	0.24L	YES	11.20A	45.2
	0.01F	0.24L	0.01L	0.25L	YES	12.56A	45.2
98.25							
	0.01F	0.24L	0.01L	0.25L	YES	12.56A	45.2
	0.01F	0.24L	0.01L	0.25L	YES	13.19A	45.2
91.75							
	0.01F	0.25L	0.01I	0.26L	YES	12.84A	45.2
	0.01F	0.25L	0.01I	0.26L	YES	14.08A	45.2
78.92							
	0.01F	0.25L	0.01I	0.26L	YES	14.08A	45.2
	0.01F	0.24L	0.01I	0.25L	YES	15.32A	45.2
66.08							
	0.01F	0.24L	0.01I	0.25L	YES	15.32A	45.2
	0.01F	0.24L	0.01I	0.25L	YES	16.56A	45.2
53.25							
	0.01F	0.24L	0.01I	0.25L	YES	16.56A	45.2
	0.01F	0.24L	0.01I	0.25L	YES	17.39A	45.2
44.75							
	0.01F	0.25L	0.01I	0.26L	YES	17.03A	45.2
	0.01F	0.25L	0.01I	0.26L	YES	18.12A	45.2
33.56							
	0.01F	0.25L	0.01I	0.26L	YES	18.12A	45.2
	0.01F	0.25L	0.01I	0.26L	YES	19.20A	45.2
22.37							
	0.01F	0.25L	0.01I	0.26L	YES	19.20A	45.2
	0.01F	0.25L	0.01I	0.26L	YES	20.28A	45.2
11.19							
	0.01F	0.25L	0.01I	0.26L	YES	20.28A	45.2
	0.01F	0.25L	0.01I	0.26L	YES	21.37A	45.2
0.00							

MAXIMUM LOADS ONTO FOUNDATION(w.r.t. wind direction)

DOWN	SHEAR.w.r.t.WIND.DIR ALONG	ACROSS	MOMENT.w.r.t.WIND.DIR ALONG	ACROSS	TORSION
kip	kip	kip	ft-kip	ft-kip	ft-kip
87.73	23.14	-0.10	-3362.20	11.91	-0.11
F	I	C	L	C	F

Sabre Industries™
Towers and Poles

SO#: 422231
Site Name: Dobbs Hollow FN, KY
Date: 11/14/2018

Square Base Plate and Anchor Rods per ANSI/TIA 222-G

Pole Data

Diameter:	73.780	in (flat to flat)
Thickness:	0.5625	in
Yield (Fy):	65	ksi
# of Sides:	18	"0" IF Round
Strength (Fu):	80	ksi

Reactions

Moment, Mu:	13222.59	ft-kips
Axial, Pu:	105.11	kips
Shear, Vu:	90.87	kips

Anchor Rod Data

Quantity:	32	(multiple of 4)	
Diameter:	2.25	in	
Rod Material:	A615		
Strength (Fu):	100	ksi	
Yield (Fy):	75	ksi	
BC Diam. (in):	81.25	BC Override:	
Rod Spacing:	6	in	

Anchor Rod Results

Maximum Rod (Pu+ Vu/η):	253.1 Kips	
Allowable Φ*Rnt:	260.0 Kips	(per 4.9.9)
Anchor Rod Interaction Ratio:	**97.3%** **Pass**	

Plate Data

Width (in):	84	Width Override:	
Thickness:	2.75	in	
Yield (Fy)	50	ksi	
Eff. Width:	45.01	in	
Corner Clip	22.00	in	
Drain Hole:	2.625	in. diameter	
Drain Location:	34.75	in. center of pole to center of drain hole	
Center Hole:	61.5	in. diameter	

Base Plate Results

Base Plate (Mu/Z):	41.9 ksi	
Allowable Φ*Fy:	45 ksi	(per AISC)
Base Plate Interaction Ratio:	**93.2%** **Pass**	

MAT FOUNDATION DESIGN BY SABRE TOWERS & POLES
195' Monopole AT&T Dobbs Hollow FN, KY (422231) 11/14/18 REB

Overall Loads:			
Factored Moment (ft-kips)	13222.59		
Factored Axial (kips)	105.11		
Factored Shear (kips)	90.87		
Bearing Design Strength (ksf)	3.75	Max. Net Bearing Press. (ksf)	3.39
Water Table Below Grade (ft)	999		
Width of Mat (ft)	36.5	Allowable Bearing Pressure (ksf)	2.50
Thickness of Mat (ft)	2.25	Safety Factor	2.00
Depth to Bottom of Slab (ft)	6	Ultimate Bearing Pressure (ksf)	5.00
Quantity of Bolts in Bolt Circle	32	Bearing Φs	0.75
Bolt Circle Diameter (in)	81.25		
Top of Concrete to Top of Bottom Threads (in)	60		
Diameter of Pier (ft)	9	Minimum Pier Diameter (ft)	8.10
Ht. of Pier Above Ground (ft)	0.5	Equivalent Square b (ft)	7.98
Ht. of Pier Below Ground (ft)	3.75	Square Pier? (Y/N)	N
Quantity of Bars in Mat	70		
Bar Diameter in Mat (in)	1.128		
Area of Bars in Mat (in^2)	69.95		
Spacing of Bars in Mat (in)	6.24	Recommended Spacing (in)	5 to 12
Quantity of Bars Pier	52		
Bar Diameter in Pier (in)	1.27		
Tie Bar Diameter in Pier (in)	0.625		
Spacing of Ties (in)	12		
Area of Bars in Pier (in^2)	65.87	Minimum Pier A_s (in^2)	45.80
Spacing of Bars in Pier (in)	6.01	Recommended Spacing (in)	5 to 12
f'c (ksi)	4.5		
fy (ksi)	60		
Unit Wt. of Soil (kcf)	0.11		
Unit Wt. of Concrete (kcf)	0.15		
Volume of Concrete (yd^3)	121.03		
Two-Way Shear Action:			
Average d (in)	22.872		
ϕv_c (ksi)	0.228	v_u (ksi)	0.221
$\phi v_c = \phi(2 + 4/\beta_c)f'_c{}^{1/2}$	0.342		
$\phi v_c = \phi(\alpha_s d/b_o+2)f'_c{}^{1/2}$	0.241		
$\phi v_c = \phi 4f'_c{}^{1/2}$	0.228		
Shear perimeter, b_o (in)	411.15		
β_c	1		
One-Way Shear:			
ϕV_c (kips)	1142.4	V_u (kips)	678.1
Stability:			
Overturning Design Strength (ft-k)	18085.5	Total Applied M (ft-k)	13813.2

Pier Design:

ϕV_n (kips)	1070.2	V_u (kips)	90.9
$\phi V_c=\phi 2(1+N_u/(2000A_g))f'_c{}^{1/2}b_wd$	1070.2		
V_s (kips)	0.0	*** V_s max = 4 $f'_c{}^{1/2}b_wd$ (kips)	2503.8
Maximum Spacing (in)	6.78	(Only if Shear Ties are Required)	
Actual Hook Development (in)	21.74	Req'd Hook Development l_{dh} (in)	15.31
		*** Ref. To Spacing Requirements ACI 11.5.4.3	

Flexure in Slab:

ϕM_n (ft-kips)	6805.5	M_u (ft-kips)	6762.8
a (in)	2.51		
Steel Ratio	0.00698		
β_1	0.825		
Maximum Steel Ratio (ρ_t)	0.0197		
Minimum Steel Ratio	0.0018		
Rebar Development in Pad (in)	168.14	Required Development in Pad (in)	30.02

Condition	1 is OK, 0 Fails
Maximum Soil Bearing Pressure	1
Pier Area of Steel	1
Pier Shear	1
Interaction Diagram Visual Check	1
Two-Way Shear Action	1
One-Way Shear Action	1
Overturning	1
Flexure	1
Steel Ratio	1
Length of Development in Pad	1
Hook Development	1

EXHIBIT D
COMPETING UTILITIES, CORPORATIONS, OR PERSONS LIST

KY Public Service Commission

Master Utility Search

- Search for the utility of interest by using any single or combination of criteria.
- Enter Partial names to return the closest match for Utility Name and Address/City/Contact entries.

Utility ID **Utility Name** **Address/City/Contact** **Utility Type** **Status**

Active

Search

	Utility ID	Utility Name	Utility Type	Class	City	State
View	4111300	2600Hz, Inc. dba ZSWITCH	Cellular	C	San Francisco	CA
View	4107900	365 Wireless, LLC	Cellular	D	Atlanta	GA
View	4109300	Access Point, Inc.	Cellular	D	Cary	NC
View	4108300	Air Voice Wireless, LLC	Cellular	A	Bloomfield Hill	MI
View	4110650	Alliant Technologies of KY, L.L.C.	Cellular	D	Morristown	NJ
View	44451184	Alltel Communications, LLC	Cellular	A	Basking Ridge	NJ
View	4110850	AltaWorx, LLC	Cellular	D	Fairhope	AL
View	4107800	American Broadband and Telecommunications Company	Cellular	D	Toledo	OH
View	4108650	AmeriMex Communications Corp.	Cellular	D	Dunedin	FL
View	4105100	AmeriVision Communications, Inc. d/b/a Affinity 4	Cellular	D	Virginia Beach	VA
View	4110700	Andrew David Balholm dba Norcell	Cellular	D	Clayton	WA
View	4108600	BCN Telecom, Inc.	Cellular	D	Morristown	NJ
View	4110550	Blue Casa Mobile, LLC	Cellular	D	Santa Barbara	CA
View	4108750	Blue Jay Wireless, LLC	Cellular	C	Carrollton	TX
View	4111050	BlueBird Communications, LLC	Cellular	C	New York	NY
View	4202300	Bluegrass Wireless, LLC	Cellular	A	Elizabethtown	KY
View	4107600	Boomerang Wireless, LLC	Cellular	B	Hiawatha	IA

View	4105500	BullsEye Telecom, Inc.	Cellular	D	Southfield	MI
View	4100700	Cellco Partnership dba Verizon Wireless	Cellular	A	Basking Ridge	NJ
View	4106600	Cintex Wireless, LLC	Cellular	D	Rockville	MD
View	4111150	Comcast OTR1, LLC	Cellular	D	Philadelphia	PA
View	4101900	Consumer Cellular, Incorporated	Cellular	A	Portland	OR
View	4106400	Credo Mobile, Inc.	Cellular	B	San Francisco	CA
View	4108850	Cricket Wireless, LLC	Cellular	D	San Antonio	TX
View	10640	Cumberland Cellular Partnership	Cellular	A	Elizabethtown	KY
View	4111200	Dynalink Communications, Inc.	Cellular	C	Brooklyn	NY
View	4101000	East Kentucky Network, LLC dba Appalachian Wireless	Cellular	A	Ivel	KY
View	4002300	Easy Telephone Service Company dba Easy Wireless	Cellular	D	Ocala	FL
View	4109500	Enhanced Communications Group, LLC	Cellular	D	Bartlesville	OK
View	4110450	Excellus Communications, LLC	Cellular	D	Chattanooga	TN
View	4105900	Flash Wireless, LLC	Cellular	C	Concord	NC
View	4104800	France Telecom Corporate Solutions L.L.C.	Cellular	D	Oak Hill	VA
View	4109350	Global Connection Inc. of America	Cellular	D	Norcross	GA
View	4102200	Globalstar USA, LLC	Cellular	B	Covington	LA
View	4109600	Google North America Inc.	Cellular	A	Mountain View	CA
View	33350363	Granite Telecommunications, LLC	Cellular	D	Quincy	MA
View	4106000	GreatCall, Inc. d/b/a Jitterbug	Cellular	A	San Diego	CA
View	10630	GTE Wireless of the Midwest dba Verizon Wireless	Cellular	A	Basking Ridge	NJ
View	4103100	i-Wireless, LLC	Cellular	A	Newport	KY
View	4109800	IM Telecom, LLC d/b/a Infiniti Mobile	Cellular	D	Tulsa	OK
View	22215360	KDDI America, Inc.	Cellular	D	New York	NY
View	10872	Kentucky RSA #1 Partnership	Cellular	A	Basking Ridge	NJ
View	10680	Kentucky RSA #3 Cellular General	Cellular	A	Elizabethtown	KY
View	10681	Kentucky RSA #4 Cellular General	Cellular	A	Elizabethtown	KY
View	4109750	Konatel, Inc. dba telecom.mobi	Cellular	D	Johnstown	PA
View	4111250	Liberty Mobile Wireless, LLC	Cellular	C	Sunny Isles Beach	
View	4111400	Locus Telecommunications, LLC	Cellular	C	Fort Lee	NJ
View	4110900	Lunar Labs, Inc.	Cellular	D	Detroit	MI
View	4107300	Lycamobile USA, Inc.	Cellular	D	Newark	NJ
View	4108800	MetroPCS Michigan, LLC	Cellular	A	Bellevue	WA

View	4109650	Mitel Cloud Services, Inc.	Cellular	D	Mesa	AZ
View	4202400	New Cingular Wireless PCS, LLC dba AT&T Mobility, PCS	Cellular	A	San Antonio	TX
View	10900	New Par dba Verizon Wireless	Cellular	A	Basking Ridge	NJ
View	4000800	Nextel West Corporation	Cellular	D	Overland Park	KS
View	4001300	NPCR, Inc. dba Nextel Partners	Cellular	D	Overland Park	KS
View	4001800	OnStar, LLC	Cellular	A	Detroit	MI
View	4110750	Onvoy Spectrum, LLC	Cellular	D	Plymouth	MN
View	4109050	Patriot Mobile LLC	Cellular	D	Southlake	TX
View	4110250	Plintron Technologies USA LLC	Cellular	D	Bellevue	WA
View	33351182	PNG Telecommunications, Inc. dba PowerNet Global Communications	Cellular	D	Cincinnati	OH
View	4202100	Powertel/Memphis, Inc. dba T-Mobile	Cellular	A	Bellevue	WA
View	4107700	Puretalk Holdings, LLC	Cellular	A	Covington	GA
View	4111350	Q LINK MOBILE LLC	Cellular	C	Dania Beach	FL
View	4106700	Q Link Wireless, LLC	Cellular	B	Dania	FL
View	4108700	Ready Wireless, LLC	Cellular	B	Hiawatha	IA
View	4110500	Republic Wireless, Inc.	Cellular	D	Raleigh	NC
View	4111100	ROK Mobile, Inc.	Cellular	C	Culver City	CA
View	4106200	Rural Cellular Corporation	Cellular	A	Basking Ridge	NJ
View	4108550	Sage Telecom Communications, LLC dba TruConnect	Cellular	D	Los Angeles	CA
View	4109150	SelecTel, Inc. d/b/a SelecTel Wireless	Cellular	D	Freemont	NE
View	4106300	SI Wireless, LLC	Cellular	A	Carbondale	IL
View	4110150	Spectrotel, Inc. d/b/a Touch Base Communications	Cellular	D	Neptune	NJ
View	4200100	Sprint Spectrum, L.P.	Cellular	A	Atlanta	GA
View	4200500	SprintCom, Inc.	Cellular	A	Atlanta	GA
View	4109550	Stream Communications, LLC	Cellular	D	Dallas	TX
View	4110200	T C Telephone LLC d/b/a Horizon Cellular	Cellular	D	Red Bluff	CA
View	4202200	T-Mobile Central, LLC dba T-Mobile	Cellular	A	Bellevue	WA
View	4002500	TAG Mobile, LLC	Cellular	D	Carrollton	TX
View	4109700	Telecom Management, Inc. dba Pioneer Telephone	Cellular	D	South Portland	ME
View	4107200	Telefonica USA, Inc.	Cellular	D	Miami	FL
View	4108900	Telrite Corporation	Cellular	D	Covington	GA
View	4108450	Tempo Telecom, LLC	Cellular	D	Atlanta	GA
View	4109950	The People's Operator USA, LLC	Cellular	D	New York	NY
View	4109000	Ting, Inc.	Cellular	A	Toronto	ON

View	4110400	Torch Wireless Corp.	Cellular	D	Jacksonville	FL
View	4103300	Touchtone Communications, Inc.	Cellular	D	Whippany	NJ
View	4104200	TracFone Wireless, Inc.	Cellular	D	Miami	FL
View	4002000	Truphone, Inc.	Cellular	D	Durham	NC
View	4110300	UVNV, Inc. d/b/a Mint Mobile	Cellular	D	Costa Mesa	CA
View	4105700	Virgin Mobile USA, L.P.	Cellular	A	Atlanta	GA
View	4110800	Visible Service LLC	Cellular	D	Lone Tree	CO
View	4106500	WiMacTel, Inc.	Cellular	D	Palo Alto	CA
View	4110950	Wing Tel Inc.	Cellular	D	New York	NY
View	4109900	Wireless Telecom Cooperative, Inc. dba theWirelessFreeway	Cellular	D	Louisville	KY

EXHIBIT E
FAA

****
* Federal Airways & Airspace *
* Summary Report: New Construction *
* Antenna Structure *
****

Airspace User: Not Identified

File: Dobbs Hollow FN

Location: Monticello, KY

Latitude: 36°-39'-50.21" Longitude: 84°-48'-42.82"

SITE ELEVATION AMSL.....1304 ft.
STRUCTURE HEIGHT.....199 ft.
OVERALL HEIGHT AMSL.....1503 ft.
SURVEY HEIGHT AMSL.....1503 ft.

NOTICE CRITERIA
FAR 77.9(a): NNR (DNE 200 ft AGL)
FAR 77.9(b): NNR (DNE Notice Slope)
FAR 77.9(c): NNR (Not a Traverse Way)
FAR 77.9: NNR FAR 77.9 IFR Straight-In Notice Criteria for EKQ
FAR 77.9: NNR (No Expected TERPS® impact SCX)
FAR 77.9(d): NNR (Off Airport Construction)

NR = Notice Required
NNR = Notice Not Required
PNR = Possible Notice Required (depends upon actual IFR procedure)
For new construction review Air Navigation Facilities at bottom of this report.

Notice to the FAA is not required at the analyzed location and height for slope, height or Straight-In procedures. Please review the 'Air Navigation' section for notice requirements for offset IFR procedures and EMI.

OBSTRUCTION STANDARDS
FAR 77.17(a)(1): DNE 499 ft AGL
FAR 77.17(a)(2): DNE - Airport Surface
FAR 77.19(a): DNE - Horizontal Surface
FAR 77.19(b): DNE - Conical Surface
FAR 77.19(c): DNE - Primary Surface
FAR 77.19(d): DNE - Approach Surface
FAR 77.19(e): DNE - Approach Transitional Surface
FAR 77.19(e): DNE - Abeam Transitional Surface

VFR TRAFFIC PATTERN AIRSPACE FOR: EKQ: WAYNE COUNTY
Type: A RD: 69145.56 RE: 959
FAR 77.17(a)(1): DNE

FAR 77.17(a)(2): DNE - Greater Than 5.99 NM.
VFR Horizontal Surface: DNE
VFR Conical Surface: DNE
VFR Primary Surface: DNE
VFR Approach Surface: DNE
VFR Transitional Surface: DNE

VFR TRAFFIC PATTERN AIRSPACE FOR: SCX: SCOTT MUNI
Type: A RD: 100714.1 RE: 1522
FAR 77.17(a)(1): DNE
FAR 77.17(a)(2): DNE - Greater Than 5.99 NM.
VFR Horizontal Surface: DNE
VFR Conical Surface: DNE
VFR Primary Surface: DNE
VFR Approach Surface: DNE
VFR Transitional Surface: DNE

TERPS DEPARTURE PROCEDURE (FAA Order 8260.3, Volume 4)
FAR 77.17(a)(3) Departure Surface Criteria (40:1)
DNE Departure Surface

MINIMUM OBSTACLE CLEARANCE ALTITUDE (MOCA)
FAR 77.17(a)(4) MOCA Altitude Enroute Criteria
The Maximum Height Permitted is 2400 ft AMSL

PRIVATE LANDING FACILITIES
No Private Landing Facilites Are Within 6 NM

AIR NAVIGATION ELECTRONIC FACILITIES

FAC IDNT	TYPE	ST AT	FREQ	VECTOR	DIST (ft)	DELTA ELEVA	ST	LOCATION	GRND APCH ANGLE	BEAR
LVT	VOR/DME	I	108.4	254.37	108042	+483	TN	LIVINGSTON	.26	

CFR Title 47, §1.30000-§1.30004
AM STUDY NOT REQUIRED: Structure is not near a FCC licensed AM station.
Movement Method Proof as specified in §73.151(c) is not required.
Please review 'AM Station Report' for details.

Nearest AM Station: WFLW @ 19781 meters.

Airspace® Summary Version 18.7.510

08-30-2018

13:50:07

EXHIBIT F
KENTUCKY AIRPORT ZONING COMMISSION

Cody Knox

From: Houlihan, John F (KYTC) <John.Houlihan@ky.gov>
Sent: Monday, September 10, 2018 10:55 AM
To: Cody Knox
Subject: RE: AT&T KAZC permit determination - Dobbs Hollow FN

No permit from the KAZC is required. Thank you

Kentucky Airport Zoning Commission (KAZC)
John Houlihan, Administrator
Department of Highways, District Six
421 Buttermilk Pike
Covington, KY 41017
Office 859-341-2700, Desk 859-341-2707 Ext. 292, Cell 502-330-3955

KAZC webpage: https://transportation.ky.gov/Aviation/Pages/airportzoning.aspx

From: Cody Knox <cknox@integrisite.net>
Sent: Monday, September 10, 2018 11:28 AM
To: Houlihan, John F (KYTC) <John.Houlihan@ky.gov>
Cc: Matt Hill <Joseph.Hill2@mastec.com>; Sam Astrahan <Sam.Astrahan@mastec.com>; Steven Milana <Steven.Milana@mastec.com>; Wayne Barnett <wbarnett@integrisite.net>; Paige Blose <Paige.Blose@mastec.com>
Subject: AT&T KAZC permit determination - Dobbs Hollow FN

John,
AT&T is proposing to construct a new tower per the specifications below. Can you confirm if a KAZC permit is required?

Project Name: Dobbs Hollow FN
Latitude: 36 39 50.21 N
Longitude: 84 48 42.82 W
GE: 1,304'
Tower height including lightning arrestor: 199'
Overall height: 1,503'

Thank you,

Cody Knox
Integrisite, Inc.
214 Expo Circle, Suite 4
West Monroe, LA 71292
318-355-6599

EXHIBIT G
GEOTECHNICAL REPORT

ENVIRONMENTAL CORPORATION OF AMERICA

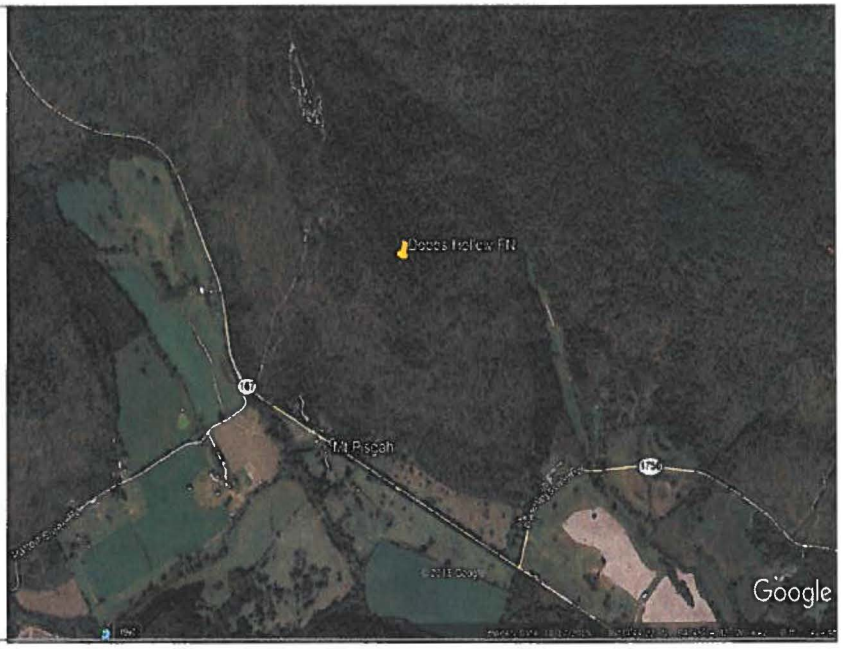
ENVIRONMENTAL | GEOTECHNICAL | WETLANDS | ECOLOGY | CULTURAL RESOURCES

Preliminary Geotechnical Investigation

Dobbs Hollow FN

297 Parmleysville Road
Monticello, Wayne County, Kentucky

ECA Project No. U3311



SUBMITTED TO:

SMW Engineering Group, Inc.
158 Business Center Drive
Birmingham, AL 35244

PREPARED BY:

Environmental Corporation of America
1375 Union Hill Industrial Court, Suite A
Alpharetta, GA 30004

October 26, 2018

SMW Engineering Group, Inc.
158 Business Center Drive
Birmingham, AL 35244

Attention: Mr. Jeremy Sharit

Subject: **Report of Preliminary Geotechnical Investigation**
Dobbs Hollow FN
297 Parmleysville Road
Monticello, Wayne County, Kentucky
ECA Project No. U3311

Dear Mr. Sharit:

Environmental Corporation of America (ECA) is pleased to submit this report of our Preliminary Geotechnical Investigation for the proposed project. Our services were provided as authorized by an email approval dated October 24, 2018.

This report presents a review of the information provided to us, a description of the site and subsurface conditions, and our recommendations. The appendices contain a USGS Topographic Map, Project Site Survey, Local Geology, USDA Web Soil Survey Map, and Soil Descriptions for mapped soil types.

Purpose and Scope of Work

The purpose of this effort was to evaluate the likely site conditions so that preliminary foundation design plans can be prepared. No soil borings or testing has been conducted for this report. A final Geotechnical Investigation including borings should be conducted for the proposed tower.

Project Information

We were provided with a project site survey prepared by SMW Engineering Group, Inc., and dated July 20, 2018. The proposed tower would be located at 297 Parmleysville Road near Monticello, Wayne County, Kentucky. In general, the proposed tower compound would be located within a hilly terrain with surface elevations ranging between 1,290 to 1,310 feet Above Mean Sea Level (AMSL) within the proposed 10,000 (100-foot by 100- foot) square foot lease area. The ground surface within the proposed lease area is heavily wooded. We understand that

plans include constructing a 199-foot tall monopole tower, approximately as shown on Figure 1 in Appendix A.

Estimated Site and Subsurface Conditions

The topography leading up to the proposed compound is hilly. The elevation at the proposed tower location is about 1,304 feet AMSL. The soil survey shows three potential soil types near the proposed tower location. The soil survey described the existing site soils as mainly fine sandy loam, gravelly sandy loam, silt loam, and silty clay loam. A complete description of the soil types is attached in Appendix B. The geology of the site is best described by the Geological Map of State of Kentucky, Kentucky Geological Survey, and the U.S. Geological Survey, as being within Breathitt Formation, lower part. The local geology is also shown in Appendix B. In general, the general soil profile descriptions include siltstone, sandstone, and conglomerate rock types occurring at relatively shallow depth.

Groundwater will not likely be encountered in foundation excavations.

Foundations Recommendation

Based on the anticipated rocky and weathered rock soil conditions and relatively shallow bed rock, the tower will likely be supported on a shallow mat (pad and pier) foundation system. Assuming weathered rock like soil conditions at the tower foundation bearing level, a nominal bearing pressure of about 4,000 pounds per square foot (psf) is likely appropriate.

We appreciate the opportunity to be of service. Please call us with any questions at (770) 667-2040.

Sincerely,
Environmental Corporation of America

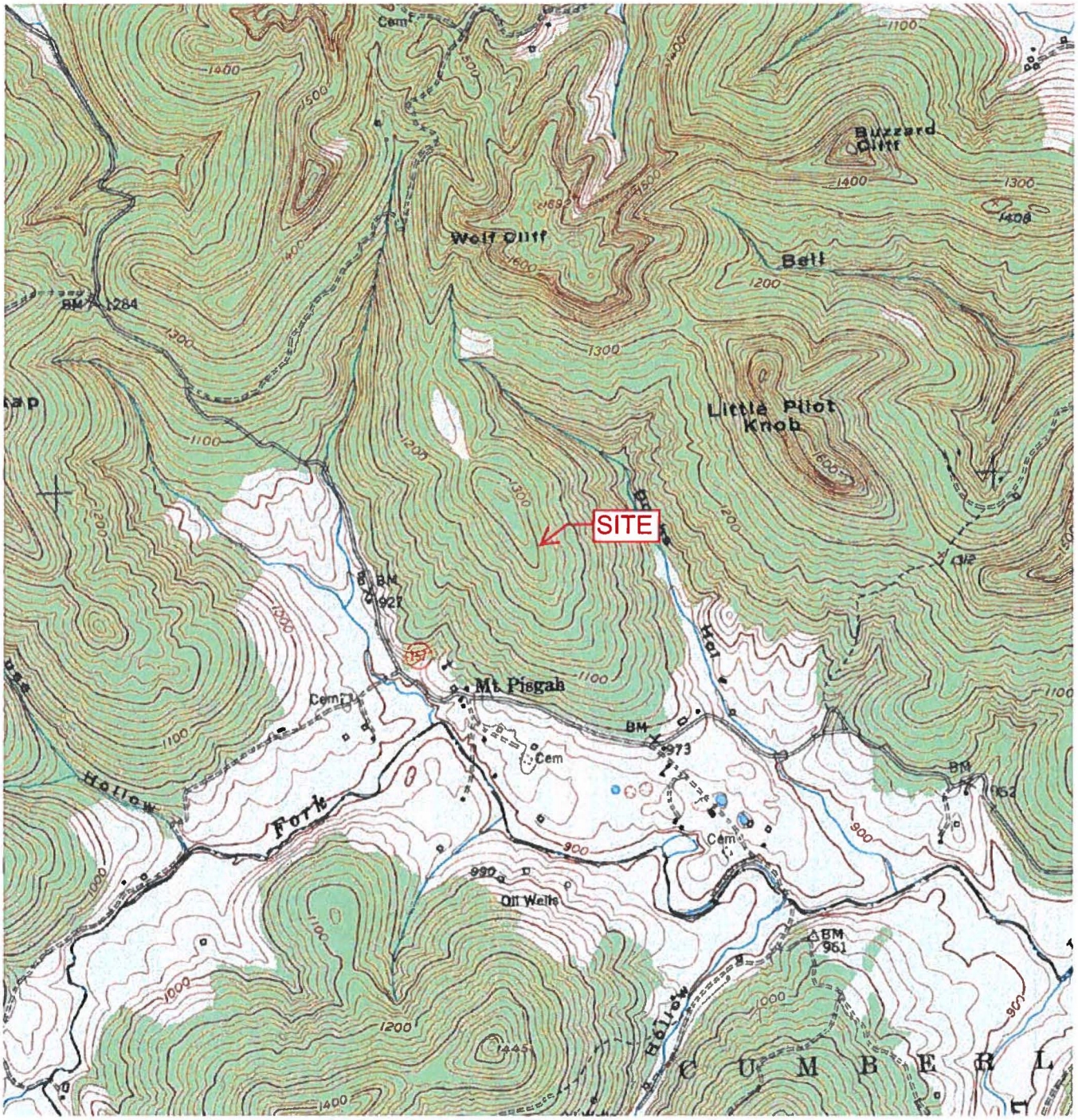
Héctor A. Acosta, M.S.C.E., P.E.
Principal Geotechnical Engineer
State of Kentucky Reg. No. 31144

Athulya Balakrishnan
Project Engineer

Appendix A Figure 1-Topographic Map and Site Survey
Appendix B Local Geology, Soil Survey, and Soil Description

APPENDIX A

Topographic Map and Site Survey



Source: USGS Topographic Map, Parmleysville, KY (1954).

N

Dobbs Hollow FN

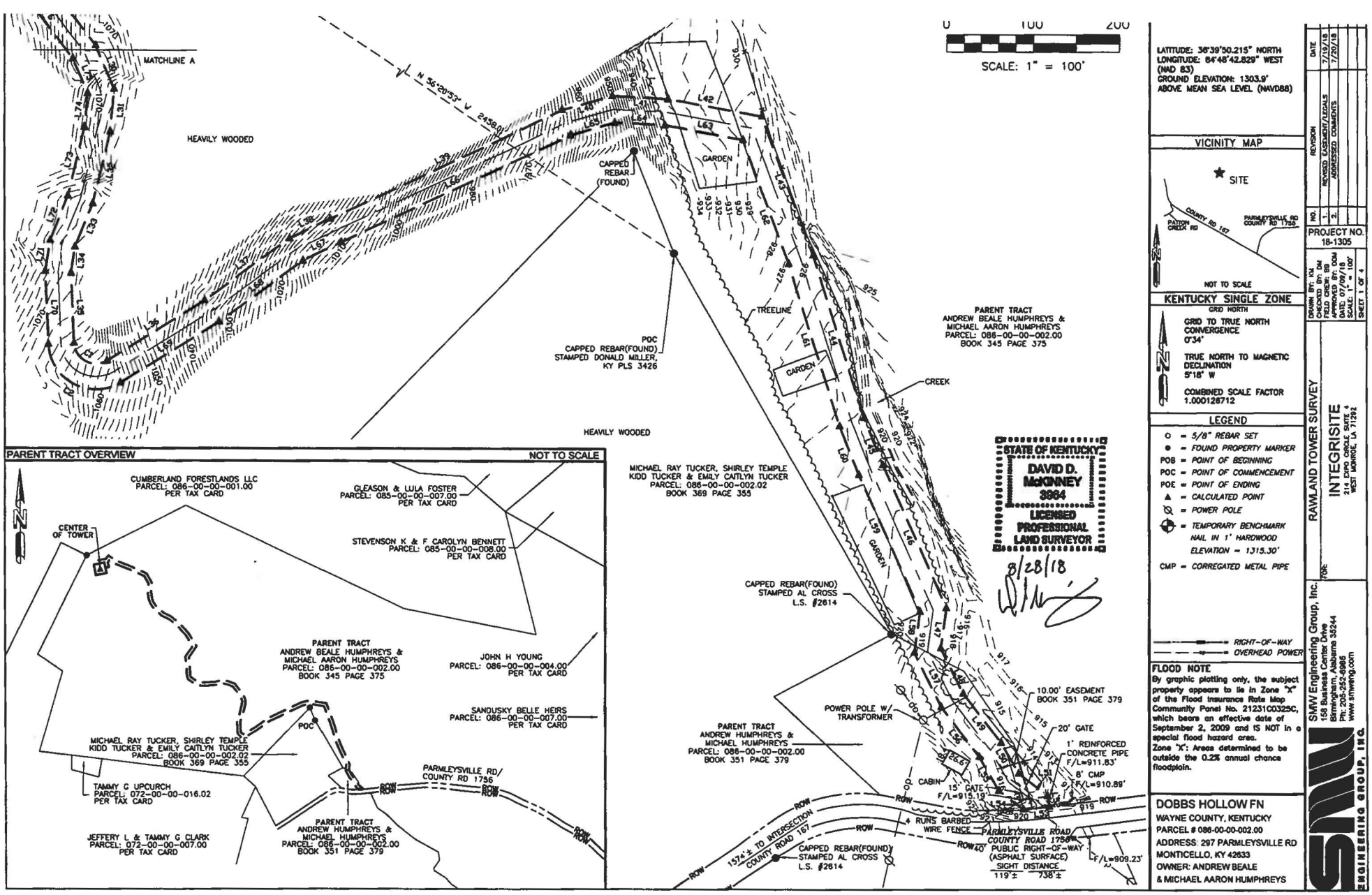
297 Parmleysville Road

Monticello, Wayne County, Kentucky

Figure 1: Site Location Map

ENVIRONMENTAL CORPORATION OF AMERICA

ECA Project No. U3311



LATITUDE: 36°39'50.215" NORTH
LONGITUDE: 84°48'42.829" WEST
(NAD 83)
GROUND ELEVATION: 1303.9'
ABOVE MEAN SEA LEVEL (NAVD88)

VICINITY MAP

KENTUCKY SINGLE ZONE

GRID NORTH

GRID TO TRUE NORTH
CONVERGENCE
0°34'

TRUE NORTH TO MAGNETIC
DECLINATION
5°18' W

COMBINED SCALE FACTOR
1.000126712

LEGEND

- O = 5/8" REBAR SET
- ● = FOUND PROPERTY MARKER
- POB = POINT OF BEGINNING
- POC = POINT OF COMMENCEMENT
- POE = POINT OF ENDING
- ▲ = CALCULATED POINT
- ⊘ = POWER POLE
- ⊕ = TEMPORARY BENCHMARK NAIL IN 1' HARDWOOD ELEVATION = 1315.30'
- CMP = CORREGATED METAL PIPE
- RIGHT-OF-WAY
- OVERHEAD POWER

FLOOD NOTE

By graphic plotting only, the subject property appears to lie in Zone "X" of the Flood Insurance Rate Map Community Panel No. 21231C0325C, which bears an effective date of September 2, 2009 and IS NOT in a special flood hazard area.
Zone "X": Areas determined to be outside the 0.2% annual chance floodplain.

DOBBS HOLLOW FN
WAYNE COUNTY, KENTUCKY
PARCEL # 086-00-00-002.00
ADDRESS: 297 PARMLEYSVILLE RD
MONTICELLO, KY 42633
OWNER: ANDREW BEALE
& MICHAEL AARON HUMPHREYS

NO.	REVISION	DATE
1.	REVISED EASEMENT/LEGALS	7/19/18
2.	ADDRESSED COMMENTS	7/20/18

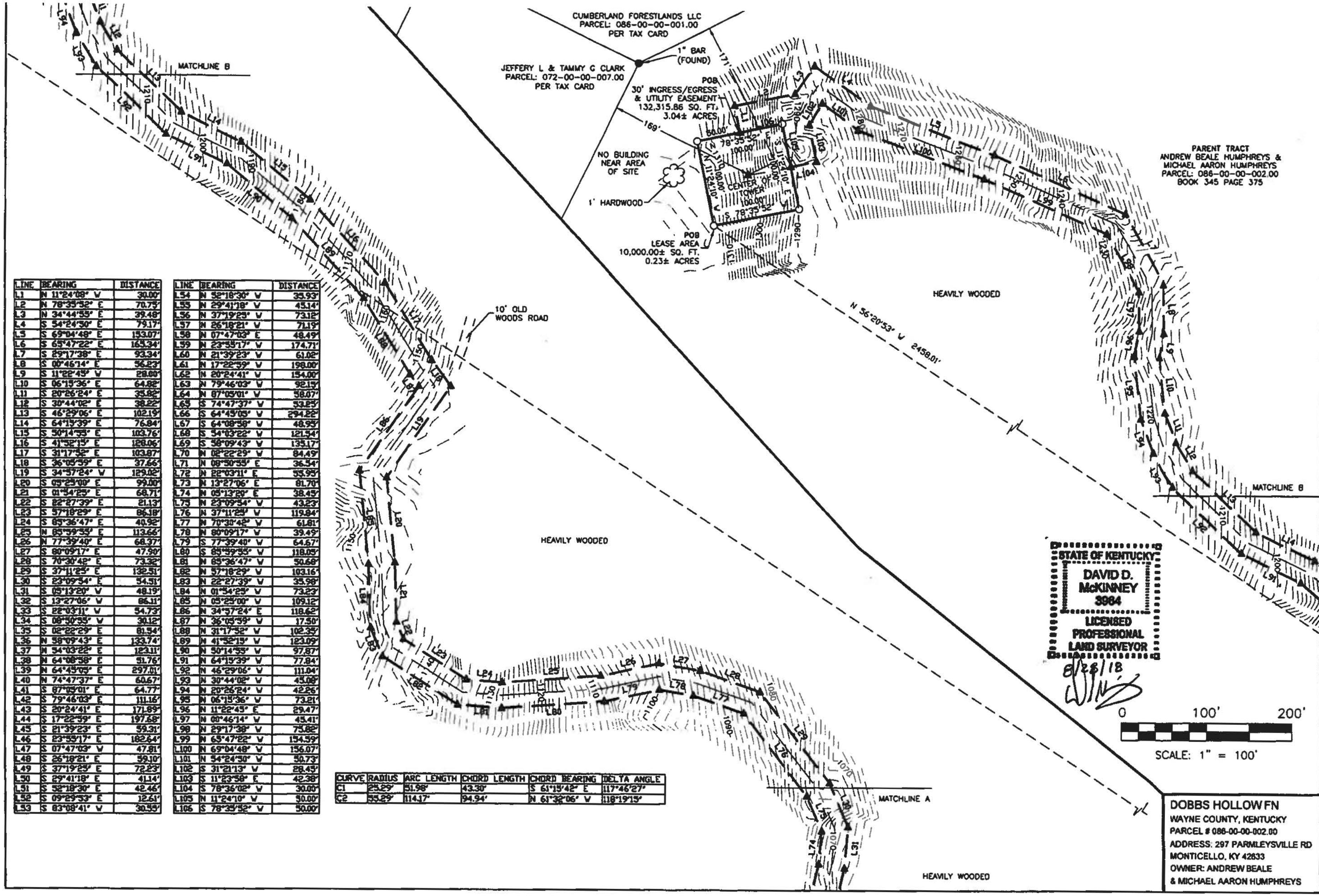
PROJECT NO.
18-1305

DRAWN BY: KH
CHECKED BY: DM
FIELD CREW: BB
APPROVED BY: DDM
DATE: 07/09/18
SCALE: 1" = 100'
SHEET 1 OF 4

RAWLAND TOWER SURVEY

FOR: INTEGRISITE
214 EXPO CIRCLE, SUITE 4
WEST MONROE, LA 71292

SMW Engineering Group, Inc.
158 Business Center Drive
Birmingham, Alabama 35244
Ph: 205-252-6985
www.smweng.com
SMW ENGINEERING GROUP, INC.



LINE	BEARING	DISTANCE
L1	N 11°24'08" W	30.00'
L2	N 78°35'52" E	70.75'
L3	N 34°44'55" E	39.48'
L4	S 54°24'50" E	79.17'
L5	S 69°04'48" E	153.07'
L6	S 65°47'22" E	165.34'
L7	S 29°17'38" E	93.34'
L8	S 00°46'14" E	56.23'
L9	S 11°22'45" W	28.00'
L10	S 06°15'36" E	64.82'
L11	S 20°26'24" E	35.82'
L12	S 30°44'02" E	38.22'
L13	S 46°29'06" E	102.19'
L14	S 64°15'39" E	76.84'
L15	S 50°14'55" E	103.76'
L16	S 41°52'15" E	128.06'
L17	S 31°17'52" E	103.87'
L18	S 36°05'59" E	37.66'
L19	S 34°57'24" W	129.02'
L20	S 05°25'00" E	99.00'
L21	S 01°54'25" E	68.71'
L22	S 82°27'39" E	21.13'
L23	S 57°18'29" E	86.18'
L24	S 85°36'47" E	40.92'
L25	N 85°59'55" E	113.66'
L26	N 77°39'40" E	68.37'
L27	S 80°09'17" E	47.90'
L28	S 70°30'42" E	73.32'
L29	S 37°11'25" E	132.51'
L30	S 23°09'54" E	54.51'
L31	S 05°13'20" W	48.19'
L32	S 13°27'06" W	86.11'
L33	S 22°03'11" W	54.73'
L34	S 08°50'55" W	30.12'
L35	S 02°22'29" E	81.54'
L36	N 58°09'43" E	133.74'
L37	N 54°03'22" E	123.11'
L38	N 64°08'58" E	51.76'
L39	N 64°45'05" E	297.01'
L40	N 74°47'37" E	60.67'
L41	S 87°05'01" E	64.77'
L42	S 79°46'03" E	111.16'
L43	S 20°24'41" E	171.89'
L44	S 17°22'59" E	197.68'
L45	S 21°39'23" E	59.31'
L46	S 23°55'17" E	182.64'
L47	S 07°47'03" W	47.81'
L48	S 26°18'21" E	59.10'
L49	S 37°19'25" E	72.23'
L50	S 29°41'18" E	41.14'
L51	S 52°18'30" E	42.46'
L52	S 09°29'53" E	12.61'
L53	S 83°08'41" W	30.55'

LINE	BEARING	DISTANCE
L54	N 52°18'30" W	35.93'
L55	N 29°41'18" W	45.14'
L56	N 37°19'25" W	73.12'
L57	N 26°18'21" W	71.19'
L58	N 07°47'03" E	48.49'
L59	N 23°55'17" W	174.71'
L60	N 21°39'23" W	61.02'
L61	N 17°22'59" W	198.00'
L62	N 20°24'41" W	154.00'
L63	N 79°46'03" W	92.15'
L64	N 87°05'01" W	58.07'
L65	S 74°47'37" W	53.25'
L66	S 64°45'05" W	294.22'
L67	S 64°08'58" W	48.95'
L68	S 54°03'22" W	121.54'
L69	S 58°09'43" W	135.17'
L70	N 02°22'29" W	84.49'
L71	N 08°50'55" E	36.54'
L72	N 22°03'11" E	55.95'
L73	N 13°27'06" E	81.70'
L74	N 05°13'20" E	38.45'
L75	N 23°09'54" W	43.23'
L76	N 37°11'25" W	119.84'
L77	N 70°30'42" W	61.81'
L78	N 80°09'17" W	39.49'
L79	S 77°39'40" W	64.67'
L80	S 85°59'55" W	118.05'
L81	N 85°36'47" W	50.68'
L82	N 57°18'29" W	103.16'
L83	N 22°27'39" W	35.98'
L84	N 01°54'25" W	73.23'
L85	N 05°25'00" W	109.12'
L86	N 34°57'24" E	118.62'
L87	N 36°05'59" W	17.50'
L88	N 31°17'52" W	102.35'
L89	N 41°52'15" W	123.09'
L90	N 50°14'55" W	97.87'
L91	N 64°15'39" W	77.84'
L92	N 46°29'06" W	111.04'
L93	N 30°44'02" W	45.08'
L94	N 20°26'24" W	42.26'
L95	N 06°15'36" W	73.21'
L96	N 11°22'45" E	29.47'
L97	N 00°46'14" W	45.41'
L98	N 29°17'38" W	75.82'
L99	N 65°47'22" W	154.59'
L100	N 69°04'48" W	156.07'
L101	N 54°24'50" W	50.73'
L102	S 31°21'13" W	28.45'
L103	S 11°23'58" E	42.38'
L104	S 78°36'02" W	30.00'
L105	N 11°24'10" W	50.00'
L106	S 78°35'52" W	50.00'

CURVE	RADIUS	ARC LENGTH	CHORD LENGTH	CHORD BEARING	DELTA ANGLE
C1	25.29'	51.98'	43.30'	S 61°15'42" E	117°46'27"
C2	55.29'	114.17'	94.94'	N 61°32'06" W	118°19'15"

DOBBS HOLLOW FN
WAYNE COUNTY, KENTUCKY
PARCEL # 086-00-00-002.00
ADDRESS: 297 PARMLEYSVILLE RD
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SMW ENGINEERING GROUP, INC.

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FOR:
INTEGRISITE
214 EXPO CIRCLE SUITE 4
WEST MONROE LA 71292

RAWLAND TOWER SURVEY

DRAWN BY: KM
CHECKED BY: DM
FIELD CREW: BB
APPROVED BY: DDM
DATE: 07/09/18
SCALE: 1" = 100'
SHEET 2 OF 4

PROJECT NO. 18-1305

NO.	REVISION	DATE
2	ADDRESSED COMMENTS	7/20/18

PARENT TRACT (FROM TITLE)
(BOOK 345, PAGE 375)
TRACT NO. ONE:
A certain tract or parcel of land lying and being in Wayne County, Kentucky on the waters of the Little South Fork of Cumberland River and bounded and described as follows, to-wit:
BEGINNING on a branch 4 poles above a black walnut, corner to Lot No. 16 of the Emmanuel Sandusky land, running N 34 1/2 E 231 poles to a stake and rock; thence N 18 W 48 1/2 poles to the west end of Big Pilot; thence N 65 W 134 poles with the Christian line to a chestnut oak corner near the top of the ridge; thence S 18 E 72 poles to a rock; thence N 83 W 76 poles to a rock; thence N 70 W 80 poles to a dogwood and black jack and rock near a poplar, Ben Adkins' corner; thence N 58 W 170 poles to Thomas Millsaps' corner, a white oak and poplar; thence S 31 W binding his line 60 poles to William Hurts's corner, a white oak; thence S 35 E binding his line to a double chestnut oak on the top pf the ridge; thence N 38 E binding B. Adkins' line 80 poles to his corner o hickory and elm; thence S 20 E 176 poles to a dogwood; thence S 15 W 13 poles to a rock; thence S 28 E 25 poles to the big road; thence N 56 E 47 poles to a rock on a branch; thence meandering the branch to the beginning. Containing 320 acres more or less.

This conveyance is made subject to the interest in and to the oil and gas underlying the above described land as referred to in Deed Book 99, at page 525.
This conveyance is also made subject to a 10 ft. wide right of way easement running to the property of Tommy E. Smith et al in Deed Book 338, page 351 in Wayne County Court Clerk's Office.

TRACT NO. TWO:
The following described real estate lying and being in Wayne County, Kentucky on the waters of Little South Fork and described as follows:
BEGINNING on Ralph Dobbs' corner and Matthew Hurt; thence N 68 W 10 poles to a steel rod; thence N 87 W 123 poles to a steel rod, Matthew Hurt's line; thence N 28 E 47 poles to a steel rod, Matthew Hurt's line; thence N 47 W 17 poles to a steel rod Matthew Hurt's lines thence N 38 E 62 poles to a steel rod Matthew Hurt's line; thence N 52 W 16 poles to a steel rod, Matthew Hurt's corner, Lawrence Barnett's corner and Ralph Dobbs' corner; thence with a line of Ralph Dobbs N 38 E 80 poles to a hickory and Elm, Ralph Dobbs; corner; thence S 20 E 176 poles to the beginning with Ralph Dobbs' line. Containing 83.90 acres more or less.

Tracts One and Two being a part of the same land conveyed to Joyce Kennedy and her husband, Joe Kennedy, Jr., both now deceased, by Ralph Dobbs, a single man, by deed dated April 5, 2004, and of record in Deed Book 303, at Page 157 in the Wayne County Court Clerk's Office and also being a part of the same land which the interest of Joe Kennedy, Jr. passed and descended to Joyce Kennedy pursuant to the survivorship clause in the deed aforesaid and also pursuant to the Last Will and Testament of Joe L. Kennedy, Jr. in Will Book S, page 783 of record in the clerk's office aforesaid and also being a part of the same land which was devised to Deborah Faye Sharp Baker pursuant to the terms and provisions of the Last Will and Testament of Joyce Kennedy, said Will is of record in Will Book V, page 348 in the clerk's office aforesaid.

Exception #1:
There is hereby excepted and not conveyed a certain tract of land containing 47.69 acres, more or less, conveyed to Ralph Jones et us by Joyce Kennedy et al, by deed dated December 20, 2005 and of record in Deed Book 314, page 300 in the Wayne County Court Clerk's Office and reference is made to said deed for a more complete and accurate description of said exception.

Exception #2:
There is hereby excepted and not conveyed a certain tract of land containing 10.00 acres, more or less, conveyed to Sandra E. Miller by Deborah Faye Sharp Baker, single, by deed dated June 28, 2011 and of record in Deed Book 343, page 160 in the Wayne County Court Clerk's Office and reference is made to said deed for a more complete and accurate description of said exception.
The life estate retained by Ralph Dobbs in Deed Book 303, page 157 terminated upon the death of Ralph Dobbs, his date of death being May 17, 2007 as certified by the grantor.

(BOOK 351, PAGE 379)
Being a tract or parcel of land lying and being in the Mt. Pisgah Community of Wayne County, Ky., being bounded and described as follows, to wit:
Unless stated otherwise any monument referred to herein as a rebar and cap is a set 1/2" x 18" rebar with a red plastic cap stamped Al Cross L.S. #2614. All bearings stated herein are referred to the magnetic meridian as observed June 2, 2010.
Beginning on a rebar and cap set this survey in the Northern right-of-way of Mt. Pisgah-Parmleysville Road (a county road) being 25 feet from centerline, said rebar being located South 59 deg. 36 min. 43 sec. East 92.40 feet from the Southwest corner of cabin located on property herein described, also being located South 84 deg. 31 min. 11 sec. West 50.12 feet from the North end of a large metal culvert, also being located North 72 deg. 51 min. 55 sec. East 739.54 feet from the parent deed corner. Thence, from the beginning and running with the Northern right-of-way of the Mt. Pisgah-Parmleysville Road, North 85 deg. 22 min. 29 sec. West 97.97 feet to a rebar and cap, North 73 deg. 02 min. 14 sec. West 87.06 feet to a rebar and cap. Thence, leaving said right-of-way and running new lines severing the property of Deborah Sharp Baker (DB. 303 Pg. 157 and Will Book V Pg. 348) the following (5) courses and distances, North 41 deg. 56 min. 00 sec. West 159.00 feet with a fence to a rebar and cap in fence, North 66 deg. 47 min. 08 sec. East 155.45 feet to a rebar and cap with a steel post witness, South 57 deg. 24 min. 40 sec. East 94.74 feet to a rebar and cap near spring, South 28 deg. 58 min. 30 sec. East 103.90 feet to a rebar and cap in fence at base of a large Cedar stump, still a new line South 11 deg 18 min. 52 sec. East 72.35 feet with fence to the point of beginning. Containing 0.81 Acre as surveyed by Allen R. Cross Ky. L.S. #2614 on June 2, 2010. Together with and subject to any easements, restrictions and reservations that be of record.
Being the same land conveyed to Tommy E. Smith and his wife, Laura D. Smith and Josh D. Smith by Joyce Kennedy (f/k/a Joyce Sharp), a widow, by deed dated the 18th day of November, 2009 and of record in the office of the Clerk of Wayne County, Kentucky in Deed Book 335, at page 481; ALSO BEING THE SAME land conveyed to Tommy E. Smith and his wife, Laura D. Smith and Josh D. Smith by Deborah Faye Sharp Baker, single by Deed of Correction dated June 23, 2010 and of record in Deed Book 338 at pate 351 in the Clerk's Office aforesaid.

There is also conveyed a 10 feet wide right-of-way easement for the purpose of engress, egress and regress being 5.00 feet on each side of centerline. Beginning on a point in the center of existing gravel drive at the right-of-way of Mt. Pisgah-Parmleysville Road, said point being located North 85 deg. 22 min. 29 sec. West 5.20 feet from the beginning corner in the above described tract. Thence, running with the centerline of said easement North 11 deg. 18 min. 52 sec. West 73.78 feet to a point at the end of easement.

100' x 100' LEASE AREA (AS-SURVEYED)

A portion of the Andrew Beale Humphreys & Michael Aaron Humphreys tract described in Book 345 Page 375 and Book 351 Page 379 as recorded in the Office of County Clerk for Wayne County, Kentucky, and being more particularly described as follows;
Commencing at a capped rebar stamped Donald Miller, KY PLS 3426 found marking the east line of the Tucker tract described in Book 369 Page 355 and the west line of said Humphreys tract having NAD '83 Kentucky Single Zone State Plane Coordinates of Northing: 3401185.20, Easting: 5198444.61; thence run N 56°20'53" W for a distance of 2458.01 feet to a set 5/8" rebar and the Point of Beginning; thence run N 11°24'10" W for a distance of 100.00 feet to a set 5/8" rebar; thence run N 78°35'52" E for a distance of 100.00 feet to a set 5/8" rebar; thence run S 11°24'10" E for a distance of 100.00 feet to a set 5/8" rebar; thence run S 78°35'52" W for a distance of 100.00 feet to the Point of Beginning. Said Lease area contains 10,000.00 square feet, or 0.23 acres, more or less.

30' INGRESS/EGRESS & UTILITY EASEMENT A (AS-SURVEYED)

An easement being a portion of the Andrew Beale Humphreys & Michael Aaron Humphreys tract described in Book 345 Page 375 and Book 351 Page 379 as recorded in the Office of County Clerk for Wayne County, Kentucky, and being more particularly described as follows;
Commencing at a capped rebar stamped Donald Miller, KY PLS 3426 found marking the east line of the Tucker tract described in Book 369 Page 355 and the west line of said Humphreys tract having NAD '83 Kentucky Single Zone State Plane Coordinates of Northing: 3401185.20, Easting: 5198444.61; thence run N 56°20'53" W for a distance of 2458.01 feet to a set 5/8" rebar; thence run N 11°24'10" W for a distance of 100.00 feet to a set 5/8" rebar; thence run N 78°35'52" E for a distance of 50.00 feet to the Point of Beginning of a 30' Ingress/Egress & Utility Easement; thence run N 11°24'08" W for a distance of 30.00 feet to a point; thence run N 78°35'52" E for a distance of 70.75 feet to a point; thence run N 34°44'55" E for a distance of 39.46 feet to a point; thence run S 54°24'50" E for a distance of 79.17 feet to a point; thence run S 69°04'48" E for a distance of 153.07 feet to a point; thence run S 65°47'22" E for a distance of 165.34 feet to a point; thence run S 29°17'38" E for a distance of 93.34 feet to a point; thence run S 00°46'14" E for a distance of 56.23 feet to a point; thence run S 11°22'45" W for a distance of 28.00 feet to a point; thence run S 06°15'36" E for a distance of 64.82 feet to a point; thence run S 20°26'24" E for a distance of 35.82 feet to a point; thence run S 30°44'02" E for a distance of 38.22 feet to a point; thence run S 46°29'06" E for a distance of 102.19 feet to a point; thence run S 64°15'39" E for a distance of 76.84 feet to a point; thence run S 50°14'55" E for a distance of 103.76 feet to a point; thence run S 41°52'15" E for a distance of 128.06 feet to a point; thence run S 31°17'52" E for a distance of 103.87 feet to a point; thence run S 36°05'59" E for a distance of 37.66 feet to a point; thence run S 34°57'24" W for a distance of 129.02 feet to a point; thence run S 05°25'00" E for a distance of 99.00 feet to a point; thence run S 01°54'25" E for a distance of 68.71 feet to a point; thence run S 22°27'39" E for a distance of 21.13 feet to a point; thence run S 57°18'29" E for a distance of 86.18 feet to a point; thence run S 85°36'47" E for a distance of 40.92 feet to a point; thence run N 85°59'55" E for a distance of 113.66 feet to a point; thence run N 77°39'40" E for a distance of 68.37 feet to a point; thence run S 80°09'17" E for a distance of 47.90 feet to a point; thence run S 70°30'42" E for a distance of 73.32 feet to a point; thence run S 37°11'25" E for a distance of 132.51 feet to a point; thence run S 23°09'54" E for a distance of 54.51 feet to a point; thence run S 05°13'20" W for a distance of 48.19 feet to a point; thence run S 13°27'06" W for a distance of 86.11 feet to a point; thence run S 22°03'11" W for a distance of 54.73 feet to a point; thence run S 08°50'55" W for a distance of 30.12 feet to a point; thence run S 02°22'29" E for a distance of 81.54 feet to a point; the beginning of an arc turning to the left having a radius of 25.29 feet, a chord bearing and distance of S 61°15'42" E for 43.30 feet; thence run along said arc for 51.98 feet; thence run N 58°09'43" E for a distance of 133.74 feet to a point; thence run N 54°03'22" E for a distance of 123.11 feet to a point; thence run N 64°08'58" E for a distance of 51.76 feet to a point; thence run N 64°45'05" E for a distance of 297.01 feet to a point; thence run N 74°47'37" E for a distance of 60.67 feet to a point; thence run S 87°05'01" E for a distance of 64.77 feet to a point; thence run S 79°46'03" E for a distance of 111.16 feet to a point; thence run S 20°24'41" E for a distance of 171.89 feet to a point; thence run S 17°22'59" E for a distance of 197.68 feet to a point; thence run S 21°39'23" E for a distance of 59.31 feet to a point; thence run S 23°55'17" E for a distance of 182.64 feet to a point; thence run S 07°47'03" W for a distance of 47.81 feet to a point; thence run S 26°18'21" E for a distance of 59.10 feet to a point; thence run S 37°19'25" E for a distance of 72.23 feet to a point; thence run S 29°41'18" E for a distance of 41.14 feet to a point; thence run S 52°18'30" E for a distance of 42.46 feet to a point; thence run S 09°29'53" E for a distance of 12.81 feet to a point on the Northerly right-of-way of Parmleysville Road or County Road 1756; thence run S 83°08'41" W along said right-of-way for a distance of 30.55 feet to a point; thence leaving said right-of-way run N 52°18'30" W for a distance of 35.93 feet to a point; thence run N 29°41'18" W for a distance of 45.14 feet to a point; thence run N 37°19'25" W for a distance of 73.12 feet to a point; thence run N 26°18'21" W for a distance of 71.19 feet to a point; thence run N 07°47'03" E for a distance of 48.49 feet to a point; thence run N 23°55'17" W for a distance of 174.71 feet to a point; thence run N 21°39'23" W for a distance of 61.02 feet to a point; thence run N 17°22'59" W for a distance of 198.00 feet to a point; thence run N 20°24'41" W for a distance of 154.00 feet to a point; thence run N 79°46'03" W for a distance of 92.15 feet to a point; thence run N 87°05'01" W for a distance of 58.07 feet to a point; thence run S 74°47'37" W for a distance of 53.25 feet to a point; thence run S 64°45'05" W for a distance of 294.22 feet to a point; thence run S 64°08'58" W for a distance of 48.95 feet to a point; thence run S 54°03'22" W for a distance of 121.54 feet to a point; thence run S 58°09'43" W for a distance of 135.17 feet to a point; thence with a curve turning to the right having a radius of 55.29 feet, a chord bearing and distance of N 61°32'06" W for 94.94 feet; thence run along said arc for 114.17 feet; thence run N 02°22'29" W for a distance of 84.49 feet to a point; thence run N 08°50'55" E for a distance of 38.54 feet to a point; thence run N 22°03'11" E for a distance of 55.95 feet to a point; thence run N 13°27'06" E for a distance of 81.70 feet to a point; thence run N 05°13'20" E for a distance of 38.45 feet to a point; thence run N 23°09'54" W for a distance of 43.23 feet to a point; thence run N 37°11'25" W for a distance of 119.84 feet to a point; thence run N 70°30'42" W for a distance of 61.81 feet to a point; thence run N 80°09'17" W for a distance of 39.49 feet to a point; thence run S 77°39'40" W for a distance of 64.67 feet to a point; thence run S 85°59'55" W for a distance of 118.05 feet to a point; thence run N 85°36'47" W for a distance of 50.68 feet to a point; thence run N 57°18'29" W for a distance of 103.16 feet to a point; thence run N 22°27'39" W for a distance of 35.98 feet to a point; thence run N 01°54'25" W for a distance of 73.23 feet to a point; thence run N 05°25'00" W for a distance of 109.12 feet to a point; thence run N 34°57'24" E for a distance of 118.62 feet to a point; thence run N 36°05'59" W for a distance of 17.50 feet to a point; thence run N 31°17'52" W for a distance of 102.35 feet to a point; thence run N 41°52'15" W for a distance of 123.09 feet to a point; thence run N 50°14'55" W for a distance of 97.87 feet to a point; thence run N 64°15'39" W for a distance of 77.84 feet to a point; thence run N 46°29'06" W for a distance of 111.04 feet to a point; thence run N 30°44'02" W for a distance of 45.08 feet to a point; thence run N 20°26'24" W for a distance of 42.26 feet to a point; thence run N 06°15'36" W for a distance of 73.21 feet to a point; thence run N 11°22'45" E for a distance of 29.47 feet to a point; thence run N 00°46'14" W for a distance of 45.41 feet to a point; thence run N 29°17'38" W for a distance of 75.82 feet to a point; thence run N 65°47'22" W for a distance of 154.59 feet to a point; thence run N 69°04'48" W for a distance of 156.07 feet to a point; thence run N 54°24'50" W for a distance of 50.73 feet to a point; thence run S 31°21'13" W for a distance of 28.45 feet to a point; thence run S 11°23'58" E for a distance of 42.38 feet to a point; thence run S 78°36'02" W for a distance of 30.00 feet to a point; thence run N 11°24'10" W for a distance of 50.00 feet to a point; thence run S 78°35'52" W for a distance of 50.00 feet to the Point of Beginning. Said easement contains 132,315.86 square feet, or 3.04 acres, more or less.

8/20/18

STATE OF KENTUCKY
DAVID D. McKINNEY
3984
LICENSED PROFESSIONAL LAND SURVEYOR

DOBBS HOLLOW FN
WAYNE COUNTY, KENTUCKY
PARCEL # 086-00-00-002.00
ADDRESS: 297 PARMLEYSVILLE RD
MONTICELLO, KY 42633
OWNER: ANDREW BEALE
& MICHAEL AARON HUMPHREYS

NO.	REVISION	DATE
1.	REVISED EASEMENT/LEGALS	7/19/18
2.	ADDRESSED COMMENTS	7/20/18

PROJECT NO. 18-1305
DRAWN BY: KM
CHECKED BY: DM
APPROVED BY: DDM
DATE: 07/09/18
SCALE: N.T.S.
SHEET 3 OF 4

RAWLAND TOWER SURVEY
FOR:
INTEGRISITE
214 EXPO CIRCLE SUITE 4
WEST MONROE, LA 71292

SMW Engineering Group, Inc.
158 Business Center Drive
Birmingham, Alabama 35244
Ph: 205-252-9585
www.smweng.com
SMW ENGINEERING GROUP, INC.

PLOTTABLE EXCEPTIONS
U.S. TITLE SOLUTIONS
U.S. TITLE SOLUTIONS FILE NO. 59027-KY1801-5030
Date Of Report January 11, 2018
Schedule B

Exception No.	Instrument	Comment
1-4	N/A	Standard exceptions. Contains no survey matters.
Judgements, Liens and UCC		
5		None within period searched
Covenants/Restrictions		
6		None within period searched
Easements & Rights-of-Way	Instrument	Comment
7	Book 127 Page 183	Does affect Parent Tract, lease area & easements, is blanket in nature and not shown hereon.
Other Filed Documents	Instrument	Comment
8	Book P Page 490	Not a survey matter.
9	Book 8 Page 697	Not a survey matter.
10	Book 287 Page 676	Not a survey matter.
11	Book S Page 783	Not a survey matter.
12	Book V Page 348	Not a survey matter.

SURVEYOR'S NOTES

1. This is a Rawland Tower Survey, made on the ground under the supervision of a Kentucky Registered Land Surveyor. Date of field survey is June 6, 2018.
2. The following surveying instruments were used at time of field visit: Nikon NPL-352, Total Station, Reflectorless and Hiper + Legacy E RTK, GD 1HZ.
3. Bearings are based on Kentucky Single Zone State Plane Coordinates NAD 83 by GPS observation.
4. No underground utilities, underground encroachments or building foundations were measured or located as a part of this survey, unless otherwise shown. Trees and shrubs not located, unless otherwise shown.
5. Benchmark used is a GPS Continuously Operating Reference Station, PID DL6173. Onsite benchmark is as shown hereon. Elevations shown are in feet and refer to NAVD 88.
6. This survey was conducted for the purpose of a Rawland Tower Survey only, and is not intended to delineate the regulatory jurisdiction of any federal, state, regional or local agency, board, commission or other similar entity.
7. Attention is directed to the fact that this survey may have been reduced or enlarged in size due to reproduction. This should be taken into consideration when obtaining scaled data.
8. This Survey was conducted with the benefit of an Abstract Title Search.
9. This survey meets or exceeds the Minimum Standards of Practice as required by the State of Kentucky for a Class A survey as defined by 201 KAR 18:150.
10. Field data upon which this map or plat is based has a closure precision of not less than one-foot in 15,000 feet (1':15,000') and an angular error that does not exceed 10 seconds times the square root of the number of angles turned. Field traverse was not adjusted.
11. This survey is not valid without the original signature and the original seal of a state licensed surveyor and mapper.
12. This survey does not constitute a boundary survey of the Parent Tract. Any parent tract property lines shown hereon are from supplied information and may not be field verified.
13. The Lease Area, and Access and Utility Easement shown hereon was provided by INTEGRISITE dated May 1, 2018 in direct correlation with existing monuments and physical evidence found through inspection and may not depict actual rights of occupancy.
14. No zoning provided.

SURVEYOR'S CERTIFICATION

I certify that all parts of this survey and drawing have been completed in accordance with the current requirements of the Standards of Practice for Surveying in the State of Kentucky to the best of my knowledge, information, and belief.

David D. McKinney
Kentucky License No. 3964

STATE OF KENTUCKY
DAVID D. McKINNEY
3964
LICENSED PROFESSIONAL LAND SURVEYOR
8/28/18

DOBBS HOLLOW FN
WAYNE COUNTY, KENTUCKY
PARCEL # 088-00-00-002.00
ADDRESS: 297 PARMLEYSVILLE RD
MONTICELLO, KY 42633
OWNER: ANDREW BEALE
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NO.	REVISION	DATE
1.	REVISED EASEMENT/LEGALS	7/19/18
2.	ADDRESSED COMMENTS	7/20/18

PROJECT NO.
18-1305

DRAWN BY: KM
CHECKED BY: DM
FIELD CREW: BS
APPROVED BY: DDM
DATE: 07/09/18
SCALE: N.T.S.
SHEET 4 OF 4

RAWLAND TOWER SURVEY

FOR:

INTEGRISITE
214 DERBIGNY STREET, 4
WEST MONROE, LA 71292

SMW Engineering Group, Inc.
158 Business Center Drive
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Ph: 205-252-8985
www.smweng.com

SMW ENGINEERING GROUP, INC.

APPENDIX B

Local Geology, Soil Survey, and Soil Descriptions

Breathitt Formation, lower part

XML (/geology/state/xml/KYPAbl;0) JSON (/geology/state/json/KYPAbl;0)

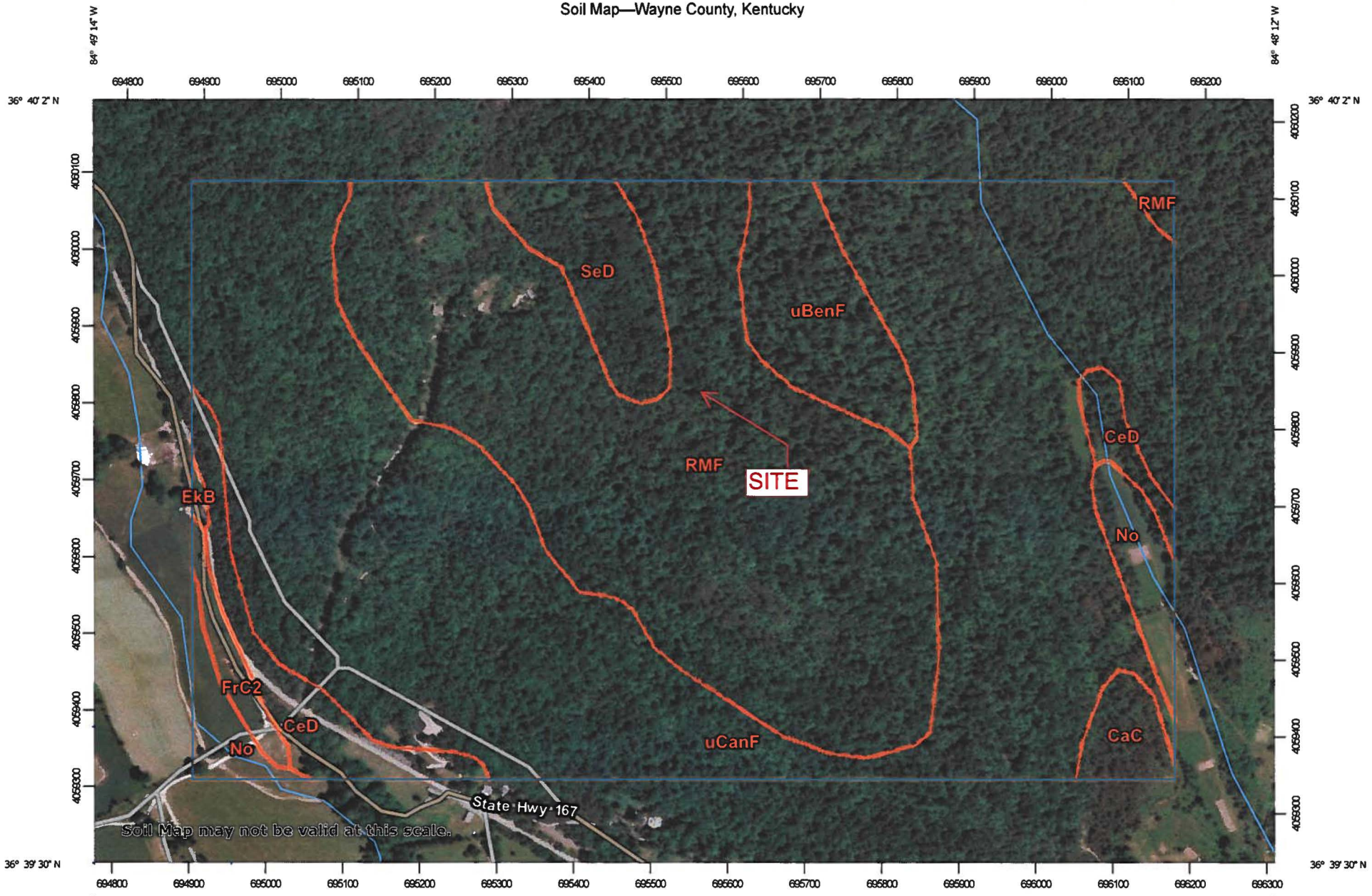
lower part which includes Livingston Conglomerate Member of Lee Formation in eastern Rockcastle County

State	Kentucky (/geology/state/state.php?state=KY)
Name	Breathitt Formation, lower part
Geologic age	Pennsylvanian
Lithologic constituents	Major Sedimentary > Clastic > Siltstone *lithologies and lithology percentages estimated from stratigraphic column on paper source map; collectively these units are about 45% shale, 40% siltstone, 15% sandstone, and <5% coal and conglomerate* Sedimentary > Clastic > Mudstone > Shale *lithologies and lithology percentages estimated from stratigraphic column on paper source map; collectively these units are about 45% shale, 40% siltstone, 15% sandstone, and <5% coal and conglomerate* Minor Sedimentary > Clastic > Sandstone *lithologies and lithology percentages estimated from stratigraphic column on paper source map; collectively these units are about 45% shale, 40% siltstone, 15% sandstone and <5% coal and conglomerate* Incidental Sedimentary > Clastic > Conglomerate *lithologies and lithology percentages estimated from stratigraphic column on paper source map; collectively these units are about 45% shale, 40% siltstone, 15% sandstone, and <5% coal and conglomerate* Sedimentary > Coal *lithologies and lithology percentages estimated from stratigraphic column on paper source map; collectively these units are about 45% shale, 40% siltstone, 15% sandstone, and <5% coal and conglomerate*

Comments	along and south of Pine Mountain; thickness is 625-800 m; in south-central Kentucky, thickness is at least 500+ m; in northeastern Kentucky, thickness is 50-300+ m; in east-central Kentucky, thickness is 225-415 m
References	Noger, M.C., compiler, 1988, Geologic map of Kentucky: sesquicenntennial edition of the Kentucky Geological Survey: U.S. Geological Survey and the Kentucky Geological Survey, scale 1:500,000.
NGMDB product	NGMDB product page for 16355 (https://ngmdb.usgs.gov/Prodesc/proddesc_16355.htm)

Counties	Bell (/geology/state/fips-unit.php?code=f21013) - Breathitt (/geology/state/fips-unit.php?code=f21025) - Carter (/geology/state/fips-unit.php?code=f21043) - Clay (/geology/state/fips-unit.php?code=f21051) - Clinton (/geology/state/fips-unit.php?code=f21053) - Elliott (/geology/state/fips-unit.php?code=f21063) - Estill (/geology/state/fips-unit.php?code=f21065) - Floyd (/geology/state/fips-unit.php?code=f21071) - Greenup (/geology/state/fips-unit.php?code=f21089) - Harlan (/geology/state/fips-unit.php?code=f21095) - Jackson (/geology/state/fips-unit.php?code=f21109) - Johnson (/geology/state/fips-unit.php?code=f21115) - Knott (/geology/state/fips-unit.php?code=f21119) - Knox (/geology/state/fips-unit.php?code=f21121) - Laurel (/geology/state/fips-unit.php?code=f21125) - Lawrence (/geology/state/fips-unit.php?code=f21127) - Lee (/geology/state/fips-unit.php?code=f21129) - Leslie (/geology/state/fips-unit.php?code=f21131) - Letcher (/geology/state/fips-unit.php?code=f21133) - Lewis (/geology/state/fips-unit.php?code=f21135) - McCreary (/geology/state/fips-unit.php?code=f21147) - Madison (/geology/state/fips-unit.php?code=f21151) - Magoffin (/geology/state/fips-unit.php?code=f21153) - Martin (/geology/state/fips-unit.php?code=f21159) - Menifee (/geology/state/fips-unit.php?code=f21165) - Montgomery (/geology/state/fips-unit.php?code=f21173) - Morgan (/geology/state/fips-unit.php?code=f21175) - Owsley (/geology/state/fips-unit.php?code=f21189) - Perry (/geology/state/fips-unit.php?code=f21193) - Pike (/geology/state/fips-unit.php?code=f21195) - Powell (/geology/state/fips-unit.php?code=f21197) - Pulaski (/geology/state/fips-unit.php?code=f21199) - Rockcastle (/geology/state/fips-unit.php?code=f21203) - Rowan (/geology/state/fips-unit.php?code=f21205) - Wayne (/geology/state/fips-unit.php?code=f21231) - Whitley (/geology/state/fips-unit.php?code=f21235) - Wolfe (/geology/state/fips-unit.php?code=f21237)

Soil Map—Wayne County, Kentucky



Map Scale: 1:7,010 if printed on A landscape (11" x 8.5") sheet.

N

Meters: 0 100 200 400 600

Feet: 0 300 600 1200 1800

Map projection: Web Mercator Corner coordinates: WGS84 Edge tics: UTM Zone 16N WGS84

MAP LEGEND

Area of Interest (AOI)
- Area of Interest (AOI)

Soils
- Soil Map Unit Polygons
- Soil Map Unit Lines
- Soil Map Unit Points

Special Point Features
- Blowout
- Borrow Pit
- Clay Spot
- Closed Depression
- Gravel Pit
- Gravelly Spot
- Landfill
- Lava Flow
- Marsh or swamp
- Mine or Quarry
- Miscellaneous Water
- Perennial Water
- Rock Outcrop
- Saline Spot
- Sandy Spot
- Severely Eroded Spot
- Sinkhole
- Slide or Slip
- Sodic Spot
- Spoil Area
- Stony Spot
- Very Stony Spot
- Wet Spot
- Other
- Special Line Features

Water Features
- Streams and Canals

Transportation
- Rails
- Interstate Highways
- US Routes
- Major Roads
- Local Roads

Background
- Aerial Photography

MAP INFORMATION

The soil surveys that comprise your AOI were mapped at 1:20,000.

Warning: Soil Map may not be valid at this scale.

Enlargement of maps beyond the scale of mapping can cause misunderstanding of the detail of mapping and accuracy of soil line placement. The maps do not show the small areas of contrasting soils that could have been shown at a more detailed scale.

Please rely on the bar scale on each map sheet for map measurements.

Source of Map: Natural Resources Conservation Service
Web Soil Survey URL:
Coordinate System: Web Mercator (EPSG:3857)

Maps from the Web Soil Survey are based on the Web Mercator projection, which preserves direction and shape but distorts distance and area. A projection that preserves area, such as the Albers equal-area conic projection, should be used if more accurate calculations of distance or area are required.

This product is generated from the USDA-NRCS certified data as of the version date(s) listed below.

Soil Survey Area: Wayne County, Kentucky
Survey Area Data: Version 15, Sep 11, 2018

Soil map units are labeled (as space allows) for map scales 1:50,000 or larger.

Date(s) aerial images were photographed: Feb 26, 2015—Jul 17, 2017

The orthophoto or other base map on which the soil lines were compiled and digitized probably differs from the background imagery displayed on these maps. As a result, some minor shifting of map unit boundaries may be evident.

Map Unit Legend

Map Unit Symbol	Map Unit Name	Acres in AOI	Percent of AOI
CaC	Caneyville silt loam, 6 to 12 percent slopes	3.2	1.3%
CeD	Caneyville silt loam, 6 to 20 percent slopes, rocky	10.0	4.0%
EkB	Elk silt loam, 2 to 6 percent slopes	0.3	0.1%
FrC2	Frederick silt loam, 6 to 12 percent slopes, eroded	2.5	1.0%
No	Nolin silt loam, occasionally flooded	7.2	2.9%
RMF	Rigley-Shelocta-Muse complex, steep	77.3	31.3%
SeD	Sequoia-Wernock silt loams, 6 to 20 percent slopes	8.8	3.6%
uBenF	Beetree-Muse-Zenith complex, 15 to 40 percent slopes, stony	11.2	4.6%
uCanF	Caneyville-Rock outcrop-Standingstone complex, 12 to 35 percent slopes	126.2	51.2%
Totals for Area of Interest		**246.7**	**100.0%**

LOCATION RIGLEY KY+OH VA

Established Series
RDJ, SLH/Rev. MDJ
04/2015

RIGLEY SERIES

TAXONOMIC CLASS: Coarse-loamy, mixed, active, mesic Typic Hapludults

TYPICAL PEDON: Rigley fine sandy loam, on an east facing steep side slope in second growth woods. (Colors are for moist soil unless otherwise indicated.)

Oi--0 to 1 cm (0 to 0.5 inch); slightly decomposed leaf litter. (0 to 3 cm (0 to 1 inch thick)

Ap--1 to 13 cm (0.5 to 5 inches); dark grayish brown (10YR 4/2) fine sandy loam; moderate medium granular structure; very friable; many fine roots; 10 percent sandstone rock fragments; very strongly acid; clear smooth boundary. (7 to 25 cm (3 to 10 inches thick)

BA--13 to 23 cm (5 to 9 inches); dark yellowish brown (10YR 4/4) fine sandy loam; weak fine subangular blocky structure; very friable; many fine roots; 10 percent sandstone rock fragments and a few small pebbles of quartzite; very strongly acid; clear smooth boundary. (0 to 25 cm (0 to 12 inches thick)

Bt1--23 to 38 cm (9 to 15 inches); brown (7.5YR 4/4) gravelly sandy loam; weak coarse subangular blocky structure parting to weak fine and medium subangular blocky; very friable; common fine roots; common distinct brown (7.5YR 4/4) clay films on faces of peds; 15 percent sandstone rock fragments; very strongly acid; gradual smooth boundary. (10 to 66 cm (4 to 26 inches thick)

Bt2--38 to 99 cm (15 to 39 inches); brown (7.5YR 4/4) gravelly sandy loam; moderate coarse subangular blocky structure parting to weak fine and medium subangular blocky; friable; few fine roots; common distinct brown (7.5YR 4/4) clay films on faces of peds; 20 percent sandstone rock fragments; very strongly acid; gradual smooth boundary. (13 to 61 cm (5 to 24 inches thick)

Bt3--99 to 114 cm (39 to 45 inches); yellowish brown (10YR 5/4) gravelly sandy loam; weak medium subangular blocky structure; friable; common distinct brown (7.5YR 4/4) clay films on faces of peds; few fine faint strong brown (7.5YR 5/6) masses of iron and manganese accumulation; few fine prominent black (10YR 2/1) iron and manganese concretions; 20 percent sandstone rock fragments; very strongly acid; gradual smooth boundary. (13 to 33 cm (5 to 13 inches thick)

C--114 to 140 cm (45 to 55 inches); yellowish brown (10YR 5/4) gravelly sandy loam; massive; friable; common medium distinct light brownish gray (10YR 6/2) iron depletions; few fine prominent black (10YR 2/1) iron and manganese concretions; 25 percent sandstone rock fragments; very strongly acid. (7 to 56 cm (3 to 22 inches thick)

TYPE LOCATION:
County: Rowan
State: Kentucky
USGS Quadrangle: Haldeman
Latitude (Decimal Degrees, NAD 83): 38.14092N
Longitude (Decimal Degrees, NAD 83): -83.30179W
Directions to the pedon: About 10 miles east of Morehead on an east facing side slope along Craney Creek, 1.5 miles north of its confluence with Wagner Fork, 3 miles south of Elliottville.

RANGE IN CHARACTERISTICS:
Depth to the top of the Argillic: 15 to 38 cm (6 to 15 inches)
Depth to the base of the Argillic: 81 to 155 cm (32 to 61 inches)
Solum thickness: 107 to 155 (42 to 61 inches)
Depth to Bedrock: 178 to 203 cm (70 to 80 inches)
Depth Class: Very deep
Depth to Seasonally High Water Table: 114 to 160 cm (45 to 63 inches)
Rock fragment content: 3 to 30 percent, by volume, in the Ap horizon, 5 to 10 percent, by volume, in the BA horizon, 3 to 35 percent, by volume, in the Bt horizons, 5 to 70 percent, by volume, in the C horizon
Soil Reaction: Extremely acid through strongly acid throughout, except in the A horizon which ranges from very strongly acid through moderately acid
Fine-Earth Fraction: Averages 6 to 18 percent clay and more than 30 percent sand in the particle size control section

Range of Individual Horizons
Ap or A horizon:
Color--hue of 7.5YR or 10YR, value of 4 through 6, and chroma of 2 through 4
Texture (fine-earth fraction)--sandy loam, fine sandy loam, or loam

BA horizon:
Color--hue of 7.5YR or 10YR, value of 3 through 6, and chroma of 3 through 6
Texture (fine-earth fraction)--sandy loam, fine sandy loam, or loam

Bt horizon:
Color--hue of 7.5YR or 10YR, value of 4 through 6, and chroma of 4 through 8
Texture (fine-earth fraction)--sandy loam or loam
Redoximorphic features--Some pedons have iron masses in shades of red, yellow, or brown and iron depletions in shades of brown, yellow, olive, or gray in the lower part

Some pedons have 2B horizons below 40 inches formed in residuum from shale with matrix and redoximorphic features with colors in shades of red, brown or gray.

C horizon:
Color--hue of 7.5YR or 10YR, value of 4 through 6, and chroma of 4 through 8
Texture (fine-earth fraction)--sandy loam, loam, sandy clay loam, or clay loam

Some pedons have a 2C horizon formed in residuum from shale with matrix and redoximorphic features with colors in shades of red, brown or gray.

COMPETING SERIES:
Dunellen soils--formed in stratified alluvium on outwash plains and stream terraces and allow redder hues in the subsoil and substratum
Germano soils--formed in residuum and are less than 102 centimeters to bedrock
Lansdale soils--formed in residuum and have a solum less than 102 centimeters thick

GEOGRAPHIC SETTING:
MLRA(s) using this series: 124 (Western Allegheny Plateau), 125 (Cumberland Plateau and Mountains), 126 (Central Allegheny Plateau), 128 (Southern Appalachian Ridges and Valleys), 147 (Northern Appalachian Ridges and Valleys)
Landscape: Hills
Landform: Hill and hillside
Geomorphic Component: Backslope, bench, footslope, toeslope
Parent Material Origin: Sandstone and siltstone
Parent Material Kind: Colluvium
Slope: 2 to 60 percent
Elevation: 288 to 409 meters (945 to 1342 feet)
Frost free period: 158 to 178 days
Mean Annual Air Temperature: 10 to 13 degrees C. (50 to 55 degrees F.)
Mean Annual Precipitation: 1016 to 1270 millimeters (40 to 50 inches)

GEOGRAPHICALLY ASSOCIATED SOILS:
Cranston soils--occur on similar landscape positions in areas that have higher base saturation and more silt in the subsoil
Dekalb soils--occur on shoulders and backslopes where depth to sandstone bedrock is less than 102 centimeters
Gilpin soils--occur on crests of ridges, shoulders, and backslopes where depth to bedrock is less than 102 centimeters
Lily soils--occur on crests of ridges, shoulders, and backslopes where depth to bedrock is less than 102 centimeters
Shelocta soils--occur on similar landscape positions in areas that have more clay and silt in the subsoil
Steinsburg soils--occur on shoulders and backslopes where depth to sandstone bedrock is less than 102 centimeters

DRAINAGE AND SATURATED HYDRAULIC CONDUCTIVITY:
Drainage Class (Agricultural): Well
Internal Free Water Occurrence: Deep (1.0 to 1.5 meters), common (present 3 to 6 months)
Index Surface Runoff: Low to moderate
Saturated Hydraulic Conductivity Class: Moderately high
Permeability Class: Moderately rapid
Shrink-swell Potential: Low
Flooding Frequency and Duration: None
Ponding Frequency and Duration: None

USE AND VEGETATION:
Major Uses: Woodland, pasture, cropland
Dominant Vegetation: Where cultivated--Corn, wheat, and oats. Where wooded--black oak, northern red oak, white oak, yellow poplar, Virginia pine, white pine, and shortleaf pine

DISTRIBUTION AND EXTENT:
Distribution: Kentucky, Ohio, and Virginia
Extent: Large, approximately 285,000 acres at the time of this revision

MLRA SOIL SURVEY REGIONAL OFFICE (MO) RESPONSIBLE: MORGANTOWN, WEST VIRGINIA

SERIES ESTABLISHED: Rowan County, Kentucky 1971.

REMARKS: Diagnostic horizons and features recognized in this pedon are:
Ochric epipedon--the zone from 1 to 23 cm (.5 to 9 inches) (Ap, BA horizons)
Argillic horizon--the zone from 23 to 114 cm (9 to 45 inches) (Bt1, Bt2, Bt3 horizons)

This edit updates the previous format to the current semi-tabular format and updates the Range of Individual Horizons, RANGE IN CHARACTERISTICS, COMPETING SERIES, GEOGRAPHIC SETTING, GEOGRAPHICALLY ASSOCIATED SOILS, USE AND VEGETATION, DISTRIBUTION AND EXTENT, DRAINAGE AND SATURATED HYDRAULIC CONDUCTIVITY, and REMARKS sections.

Previous revisions: 04/2001-JHN, SJH, DBD, ART

ADDITIONAL DATA: Characterization data is available from the NSSL for the following pedons:
The University of Kentucky pedons are: 04KY-025-001, 65KY-125-068, 65KY-125-070, 67KY-205-005, 81KY-109-004, 95KY-119-003
The Ohio State University pedons are: 1978-OH019-029, 1979-OH079-014

National Cooperative Soil Survey
U.S.A.

LOCATION SHELOCTA KY+MD NC OH PA TN VA WV

Established Series
Rev. JHN-WHC-JMR
04/2001

SHELOCTA SERIES

The Shelocta series consists of deep and very deep, well drained, moderately permeable soils formed in mixed colluvium from shale, siltstone, and sandstone or colluvium and residuum. They are on steep concave mountain sides, foot slopes, and benches. Slopes range from 2 to 90 percent. The average annual precipitation is about 48 inches, and the average annual temperature is about 54 degrees F.

TAXONOMIC CLASS: Fine-loamy, mixed, active, mesic Typic Hapludults

TYPICAL PEDON: Shelocta silt loam--on a 25 percent concave slope in pasture. (Colors are for moist soil.)

Ap--0 to 10 inches; dark grayish brown (10YR 4/2) silt loam; weak fine granular structure; friable; 5 percent rock fragments; many roots; medium acid; clear smooth boundary. (7 to 11 inches thick).

Bt1--10 to 20 inches; yellowish brown (10YR 5/6) silt loam; weak medium subangular blocky structure; friable; 10 percent rock fragments; common clay films on faces of peds and in pores; common roots; very strongly acid; gradual wavy boundary. (10 to 20 inches thick)

Bt2--20 to 32 inches; yellowish brown (10YR 5/6) channery silty clay loam; moderate medium subangular blocky structure; firm; 15 percent rock fragments; many clay films on faces of peds; very strongly acid; clear wavy boundary. (10 to 20 inches thick)

Bt3--32 to 46 inches; yellowish brown (10YR 5/6) very channery silty clay loam; weak medium subangular blocky structure; firm; 45 percent rock fragments; common clay films on faces of peds and in pores; very strongly acid; gradual wavy boundary. (12 to 30 inches thick)

C--46 to 60 inches; yellowish brown (10YR 5/4) very channery silt loam; 60 percent rock fragments coated by silts; very strongly acid.

TYPE LOCATION: McCreary County, Kentucky; along Rock Creek by gravel road, 2.5 miles southwest of hamlet of Bell Farm, Kentucky.

RANGE IN CHARACTERISTICS; Solum thickness ranges from 40 to to 60 inches or more. Depth to bedrock is more than 40 inches. Content of rock fragments ranges from 2 to 35 percent in the A horizon, from 5 to 50 percent in the individual B horizons, and from 15 to 70 percent in the 2B or C horizons. Reaction of the unlimed soils is strongly acid to extremely acid. Some pedons have A horizons that are medium acid or slightly acid.

The Ap horizon has hue of 10YR, 7.5YR, or 2.5Y, value of 4 or 5, and chroma of 2 to 4. A horizons 1 to 5 inches thick have hue of 10YR or 2.5Y, value of 3 or 4, and chroma of 1 to 3. E horizons have

hue of 10YR or 2.5Y, value of 5 to 7, and chroma of 2 to 4. Texture is silt loam,loam, or the channery, or gravelly analogues.

Some pedons have a BA, BE or Bw horizon with hue of 7.5YR, 10YR, or 2,5Y, value of 4 to 6, and chroma of 4 to 6. Texture of the fine-earth is silt loam, silty clay loam, or loam.

The Bt horizon has hue of 7.5YR, 10YR, or 2.5Y, value of 4 to 6, and chroma of 4 to 8. Some pedons have mottles in shades of brown, and in the lower part, some pedons have mottles, redoximorphic, or relict redoximorphic features in shades of gray. Texture of the fine-earth is silty clay loam, silt loam, or loam; however, loam texture is not permitted throughout the Bt horizon.

The C horizon has hue of 10YR or 2.5Y, value of 4 to 6, and chroma of 2 to 6, and some have mottles, redoximorphic, or relict redoxicmorphic features in shades of brown, olive, or gray. Texture of the fine-earth is silt loam, silty clay loam, clay loam, or loam.

Some pedons have 2B or 2C horizons below 40 inches formed in residuum from shales or siltstone and are silty clay or clay in the fine-earth.

COMPETING SERIES: These are the Albermarle, Allegheny, Allenwood, Arcola, Arendtsville, Aura, Bedington, Birdsboro, Bucks, Butano, Chester, Chetwynd, Chilmark, Clymer, Collington, Edgemont, Edneytown, Elsinboro, Eubanks, Frankstown, Freehold, Gilpin, Glenelg, Leck Kill, Meadowville, Murrill, Nixon, Pineville, Quakertown, Rayne, Shouns, Syenite, Tate, Thurmont, Ungers, and Whiteford series. Albermarle soils contain 0 to 15 percent rock fragments in the solum, and these are meta- arkosic sandstone, graylacke, or quartzite. Allegheny and Meadowville soils have less than 15 percent rock fragments in the Bt horizon. Allenwood, Arendtsville, Aura, Bedington, Birdsboro, Butano, Chester, Chetwynd, Collington, Eubanks, Leck Kill, Shouns, Ungers, and Whiteford soils have hue redder than 7.5YR in some or all parts of the Bt horizon. Arcola soils have weathered from Triassic and Jurassic red beds. Bucks, Clymer, Edgemont, Edneytown, Elsinboro, Gilpin, Glenelg, Quakertown, and Syenite soils have sola less than 40 inches thick. Chilmark soils have a sandy loam subhorizon in the Bt horizon and are underlain by glacial till. Frankstown soils have rock fragments dominated by leached siliceous limestone or chert. Freehold soils are very deep, contain glauconite, and are on coastal plains. Murrill soils have a lithologic discontinuity within the solum. Nixon soils have quartzite rock fragments. Pineville soils do not have silt loam or silty clay loam textures in the Bt horizon. Rayne soils have argillic horizons that terminate at less than 40 inches. Tate soils contain less than 30 percent silt in the control section. Thurmont soils are very deep and contain rock fragments of quartzite, granite, or other crystalline rocks.

GEOGRAPHIC SETTING: Gently sloping to very steep upland areas, foot slopes, and benches. Slopes range from 2 to 90 percent and most are concave. These soils are in areas within 42 to 54 inches average annual precipitation and average annual temperatures range from 48 to 59 degrees F. Shelocta soils have formed in the weathered product of colluvial material or colluvium and residuum from shale, siltstone, and sandstone.

GEOGRAPHICALLY ASSOCIATED SOILS: These are the competing Gilpin and Rayne soils and the Cutshin, Dekalb, Grimsley, Jefferson, Kimper, Muskingum, Wernock, and Weikert soils. Cutshin, Dekalb, Kimper, Muskingum, and Weikert soils lack argillic horizons. Grimsley soils are loamy-skeletal. Jefferson soils have siliceous mineralogy.

DRAINAGE AND PERMEABILITY: Well drained, medium to rapid surface runoff and moderate permeability.

USE AND VEGETATION: About 25 percent of Shelocta soils are cleared and used for general crops and pasture. Wooded areas have mixed hardwoods-- oaks, gum, maple, yellow-poplar, cucumber, and some pine and hemlock.

DISTRIBUTION AND EXTENT: The plateau and mountain areas of Kentucky, Maryland, Pennsylvania, Tennessee, Virginia, and West Virginia. The series is of large extent.

MLRA SOIL SURVEY REGIONAL OFFICE (MO) RESPONSIBLE: Morgantown, West Virginia

SERIES ESTABLISHED: Indiana County, Pennsylvania; 1937.

Remarks: Diagnostic horizons in the pedon are:

Ochric epipedon: 0 to 10 inches, Ap

Argillic horizon: 10 to 46 inches, Bt1, Bt2, Bt3

National Cooperative Soil Survey
U.S.A.

LOCATION MUSE KY+OH TN

Established Series
Rev. HCD:JDM
11/2007

MUSE SERIES

The Muse series consists of deep and very deep, well drained soils formed in residuum or colluvium weathered from acid shale or siltstone. Permeability is slow. Slopes range from 2 to 60 percent.

TAXONOMIC CLASS: Fine, mixed, semiactive, mesic Typic Hapludults

TYPICAL PEDON: Muse silt loam - forested (Colors are for moist soil)

Oe--0 to 1 inch; moderately decomposed organic duff; strongly acid; abrupt smooth boundary.

A--1 to 3 inches; very dark grayish brown (10YR 3/2) silt loam; weak fine granular structure; very friable; many fine roots; strongly acid; abrupt smooth boundary. (1 to 7 inches thick)

AB--3 to 6 inches; dark brown (10YR 3/3) silt loam; weak medium subangular blocky structure; very friable; many fine and medium and few coarse roots; 2 percent shale channers; strongly acid; clear smooth boundary. (0 to 6 inches thick)

E--6 to 14 inches; brown (10YR 4/3) silt loam; moderate medium and coarse subangular blocky structure; friable; common fine and medium and few coarse roots; few fine tubular pores; very strongly acid; clear smooth boundary. (0 to 6 inches thick)

Bt1--14 to 21 inches; strong brown (7.5YR 4/6) silty clay loam; moderate medium subangular blocky structure; firm; common fine and medium roots; few fine tubular pores; common distinct brown (7.5YR 5/4) clay films on faces of peds; very strongly acid; clear smooth boundary. (0 to 10 inches thick)

Bt2--21 to 38 inches; reddish brown (5YR 4/4) silty clay; moderate medium and coarse angular blocky structure; firm; sticky, slightly plastic; few fine and medium roots; many faint clay films on faces of peds; 10 percent shale channers; very strongly acid; clear smooth boundary. (6 to 30 inches thick)

Bt3--38 to 46 inches; yellowish red (5YR 4/6) and strong brown (7.5YR 5/6) channery silty clay; strong medium and coarse angular blocky structure; very firm; sticky, plastic; few fine roots; many faint clay films of faces of peds; 15 percent shale channers; very strongly acid; clear smooth boundary. (0 to 20 inches thick)

Cr--46 to 56 inches; very strongly acid; weathered black fissile shale.

R--56 inches; hard black fissile shale.

TYPE LOCATION: Estill County, Kentucky; about .9 miles southwest of the community of Cressie; about 4500 feet (airline) northeast of Puckett Lake in a narrow gap between Woodward Creek and Twin Creek; 37 degrees, 49 minutes, 26 seconds N. Latitude; 84 degrees, 01 minute, 33 seconds W. Longitude; USGS Palmer Quadrangle.

RANGE IN CHARACTERISTICS: Thickness of the solum ranges from 40 to 60 inches. Depth to rock ranges from 40 to 80 inches. Coarse fragments, mostly channers of sandstone, siltstone or shale, range from 0 to 35 percent in the solum and from 0 to 60 percent in the substratum. Reaction ranges from very strongly acid to strongly acid, unless limed.

The A or Ap horizon has hue of 10YR, value of 3 to 5, and chroma of 1 to 4. Texture is silt loam, loam or silty clay loam. AB or AE horizons with colors and textures similar to the A horizon are common in forested areas, but are not required.

The E or BE horizon has hue of 10YR or 7.5YR, value of 4 to 6, and chroma of 3 or 4. Texture is silt loam, loam or silty clay loam.

The Bt horizon has hue of 10YR to 5YR, value of 4 or 5, and chroma of 4 to 8. Lithochromic mottles in shades of brown or red are common, mostly in the lower part. Texture is silty clay loam, silty clay or clay.

The C horizon (where present) has hue of 10YR to 5YR, value of 4 to 6, and chroma of 1 to 6. Lithochromic mottles in shades red, brown or gray are common or the horizon is variegated in shades red, brown, yellow or gray.

The Cr horizon is soft shale or siltstone, often interbedded with thin layers of sandstone.

The R horizon is hard black shale.

COMPETING SERIES: These are the Boden, Braddock, Buckhall, Buffstat, Casville (T) Christian, Clifton, Clover, Danripple, Flagspring, Goresville, Groseclose, Howell, Mount Rush (T), Quantico, Rapidan, Sequoia, Spears Mountain (T), Totier, Trappist, Unison, Warminster (I) and Yellowbottom (T) series in the same family. Boden soils weathered from sandstone and shale in the Ozarks and have less than 20 percent silt in the Bt horizons. Braddock soils weathered from crystalline rocks and have more sand in the argillic horizon. Buckhall and Buffstat soils formed in residuum weathered from gneiss or schist. Casville and Clifton soils formed in residuum weathered from felsic or intermediate igneous or metamorphic rocks. Christian and Groseclose soils formed in materials weathered from interbedded limestone, sandstone, shale, and siltstone and they allow redder colors in the argillic horizon. Clover, Totier and Warminster soils formed in residuum weathered from Triassic aged materials. Danripple soils formed in alluvium. Flagspring soils formed in colluvium weathered from cherty limestone over residuum also weathered from limestone. Goresville soils formed in old alluvium overlying residuum weathered from red siltstone, shale or sandstone. Howell soils formed in unconsolidated sediments that contain detectable amounts of diatomaceous earth or glauconite. Mount Rush soils formed in clayey residuum weathered from mixed felsic or mafic metamorphic and igneous rocks (commonly hornblende gneiss and schist). Quantico soils formed in stratified marine and fluvial sediments of the northern coastal plain. Rapidan soils formed in residuum on ridges in the Culpepper Jurassic-Triassic basin. Sequoia soils formed in residuum weathered from interbedded siltstone and shale and they are moderately deep to paralithic contact. Spears Mountain soils formed in residuum weathered from schist, phyllite or other fine grained rock. Trappist soils are moderately deep. Unison soils formed in colluvium and alluvium 3 to 6 feet thick derived from a mixture of basic

rocks and basic and acidic crystalline rocks. Yellowbottom soils formed in residuum weathered from sericite schist, phylonite and metamonzagranite.

GEOGRAPHIC SETTING: Muse soils are on side slopes, foot slopes, and benches on uplands. Slopes range from 2 to 60 percent. These soils formed in residuum or colluvium weathered from acid shale and siltstone. Near the type location annual temperature ranges from 53 to 56 degrees F with a mean of 56 degrees. Annual precipitation ranges from 40 to 52 inches with a mean of 47 inches.

GEOGRAPHICALLY ASSOCIATED SOILS: These are the competing Trappist soils and the Colyer, Covedale, Cruze, Gilpin, Jefferson, Jessietown, Rarden, Rigley, Rohan, Shelocta and Wharton soils on adjacent landforms. Colyer and Rohan soils are shallow. Covedale and Jessietown soils are fine-silty. Gilpin, Jefferson, Shelocta and Wharton soils are fine-loamy. Cruze, Rarden and Wharton soils are moderately well drained. Gilpin, Jessietown, Rarden and Trappist soils are moderately deep to bedrock. Rigley soils are coarse-loamy.

DRAINAGE AND PERMEABILITY: Well drained. Permeability is slow. Runoff is high on slopes of less than 5 percent and very high on slopes greater than 5 percent.

USE AND VEGETATION: Forest and crops, principally hay or pasture. Small acreages of corn, tobacco, small grains, truck crops or fruits are produced on less sloping areas.

DISTRIBUTION AND EXTENT: The Knobs Region of Kentucky; and possibly east Tennessee, West Virginia, and Ohio. The extent is large.

MLRA SOIL SURVEY REGIONAL OFFICE (MO) RESPONSIBLE: Morgantown, West Virginia

SERIES ESTABLISHED: Bradley County, Tennessee, 1951.

REMARKS: Diagnostic horizons and features recognized in this pedon are:
Ochric epipedon: 0 to 6 inches (A)
Albic horizon: 6 to 14 inches (E)
Argillic horizon: 14 to 46 inches (Bt1, Bt2, Bt3).
Paralithic contact at 46 inches (Cr)

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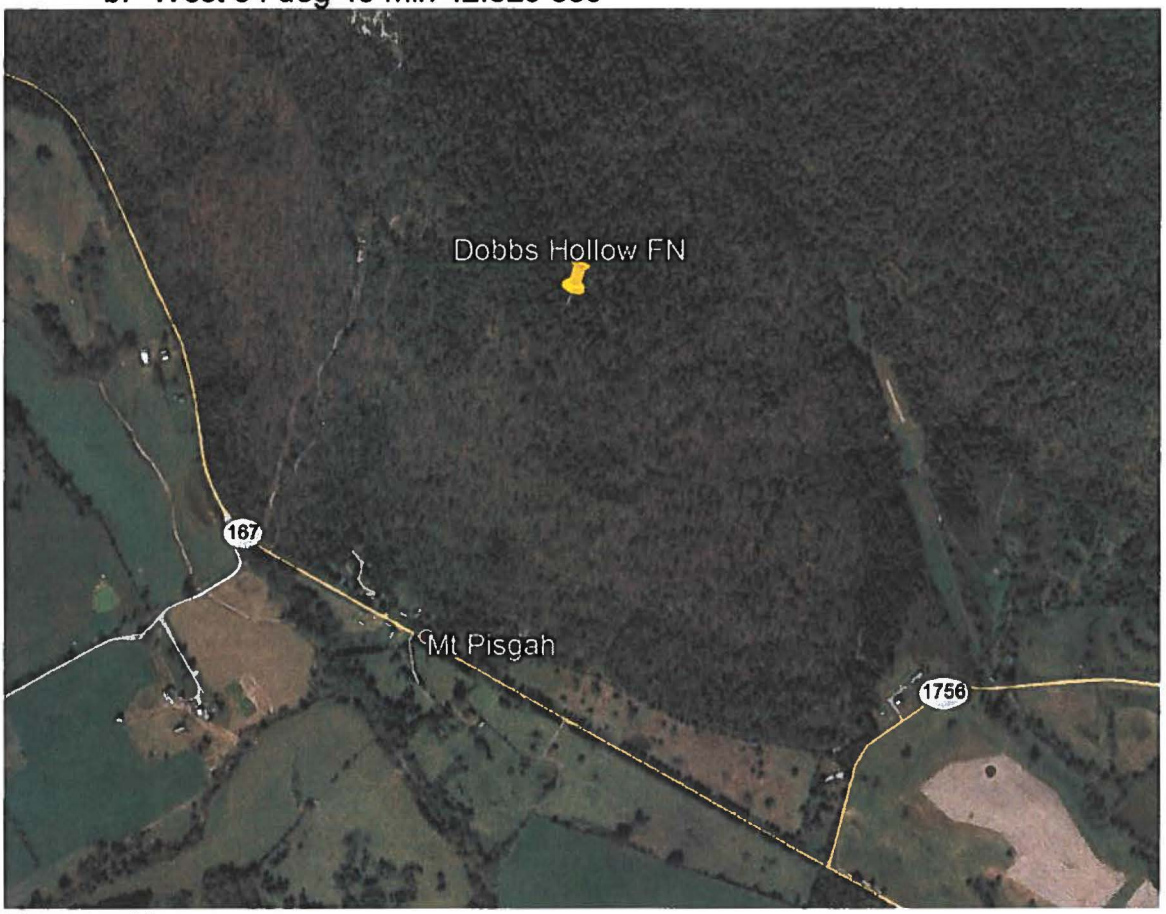
EXHIBIT H
DIRECTIONS TO WCF SITE

Driving Directions to Proposed Tower Site

1. Beginning at 55 North Main Street in Monticello, KY, head southwest on Main Street (towards Columbia Avenue) and travel approximately 203 feet.
2. Continue straight onto KY-167 S / S. Main Street and travel approximately 0.4 miles.
3. Keep left to continue on KY-167 S / S. Main Street and travel approximately 6.0 miles.
4. Turn right to stay on KY-167 S and travel approximately 9.4 miles.
5. Turn left onto State Highway 1756 / Parmleysville Road and travel approximately 0.4 miles.
6. The site is on the left at 297 Parmleysville Road, Monticello, KY. The site coordinates are:
    a. North 36 deg 39 min 50.215 sec
    b. West 84 deg 48 min 42.829 sec



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Telephone: 502-955-4400 or 800-516-4293

EXHIBIT I
COPY OF REAL ESTATE AGREEMENT

Market: Lexington
Cell Site Number: _____
Cell Site Name: Dobbs Hollow FN
Fixed Asset Number: 14397265

OPTION AND LEASE AGREEMENT

THIS OPTION AND LEASE AGREEMENT ("**Agreement**"), dated as of the latter of the signature dates below (the "**Effective Date**"), is entered into by Andrew Beale Humphreys, a single man, having a mailing address of 163 Lakewood Drive, Monticello, KY 42633, and Michael Aaron Humphreys, a single man, having a mailing address of 4330 Wabash Place, Apartment 6, Woodbridge, VA 22193, ("**Landlord**") and New Cingular Wireless PCS, LLC, a Delaware limited liability company, having a mailing address of 575 Morosgo Drive, Atlanta, GA 30324 ("**Tenant**").

BACKGROUND

Landlord owns or controls that certain plot, parcel or tract of land, as described on **Exhibit 1**, together with all rights and privileges arising in connection therewith, located at 297 Parmleysville Road, in the County of Wayne, State of Kentucky (collectively, the "**Property**"). Tenant desires to use a portion of the Property in connection with its federally licensed communications business. Landlord desires to grant to Tenant the right to use a portion of the Property in accordance with this Agreement.

The parties agree as follows:

1. **OPTION TO LEASE.**

(a) Landlord grants to Tenant an option (the "**Option**") to lease a certain portion of the Property containing approximately 10,000 square feet including the air space above such ground space, as described on attached **Exhibit 1** (the "**Premises**"), for the placement of Tenant's Communication Facility.

(b) During the Option Term, and during the term of this Agreement, Tenant and its agents, engineers, surveyors and other representatives will have the right to enter upon the Property to inspect, examine, conduct soil borings, drainage testing, material sampling, radio frequency testing and other geological or engineering tests or studies of the Property (collectively, the "**Tests**"), to apply for and obtain licenses, permits, approvals, or other relief required of or deemed necessary or appropriate at Tenant's sole discretion for its use of the Premises and include, without limitation, applications for zoning variances, zoning ordinances, amendments, special use permits, and construction permits (collectively, the "**Government Approvals**"), initiate the ordering and/or scheduling of necessary utilities, and otherwise to do those things on or off the Property that, in the opinion of Tenant, are necessary in Tenant's sole discretion to determine the physical condition of the Property, the environmental history of the Property, Landlord's title to the Property and the feasibility or suitability of the Property for Tenant's Permitted Use, all at Tenant's expense. Tenant will not be liable to Landlord or any third party on account of any pre-existing defect or condition on or with respect to the Property, whether or not such defect or condition is disclosed by Tenant's inspection. Tenant will restore the Property to its condition as it existed at the commencement of the Option Term, reasonable wear and tear and loss by casualty or other causes beyond Tenant's control excepted.

(c) In consideration of Landlord granting Tenant the Option, Tenant agrees to pay Landlord the sum of [redacted] within forty five (45) business days of the Effective Date. The Option will be for an initial term of one (1) year commencing on the Effective Date (the "**Initial Option Term**") and may be renewed by Tenant for an additional one (1) year (the "**Renewal Option Term**") upon written notification to Landlord and the payment of an additional [redacted] no later than five (5) days prior to the expiration date of the Initial Option Term. The Initial Option Term and any Renewal Option Term are collectively referred to as the "**Option Term**."

(d) The Option may be sold, assigned or transferred at any time by Tenant to an Affiliate (as that term is hereinafter defined) of Tenant or to any third party agreeing to be subject to the terms hereof. Otherwise, the Option may not be sold, assigned or transferred without the written consent of Landlord, such consent not to be unreasonably withheld, conditioned or delayed. From and after the date the Option has been sold, assigned or transferred by Tenant to an Affiliate or a third party agreeing to be subject to the terms hereof, Tenant shall immediately be released from any and all liability under this Agreement, including the payment of any rental or other sums due, without any further action.

(e) During the Option Term, Tenant may exercise the Option by notifying Landlord in writing. If Tenant exercises the Option then Landlord leases the Premises to Tenant subject to the terms and conditions of this Agreement. If Tenant does not exercise the Option during the Initial Option Term or any extension thereof, this Agreement will terminate and the parties will have no further liability to each other.

(f) If during the Option Term, or during the term of this Agreement the Option is exercised, Landlord decides to subdivide, sell, or change the status of the zoning of the Premises, Property or any of Landlord's contiguous, adjoining or surrounding property (the "**Surrounding Property**") or in the event of foreclosure, Landlord shall immediately notify Tenant in writing. Landlord agrees that during the Option Term, or during the Term of this Agreement if the Option is exercised, Landlord shall not initiate or consent to any change in the zoning of the Premises, Property or Surrounding Property or impose or consent to any other use or restriction that would prevent or limit Tenant from using the Premises for the Permitted Use. Any and all terms and conditions of this Agreement that by their sense and context are intended to be applicable during the Option Term shall be so applicable.

2. **PERMITTED USE.** Tenant may use the Premises for the transmission and reception of communications signals and the installation, construction, maintenance, operation, repair, replacement and upgrade of its communications fixtures and related equipment, cables, accessories and improvements, which may include a suitable support structure, associated antennas, equipment shelters or cabinets and fencing and any other items necessary to the successful and secure use of the Premises (collectively, the "**Communication Facility**"), as well as the right to test, survey and review title on the Property; Tenant further has the right but not the obligation to add, modify and/or replace equipment in order to be in compliance with any current or future federal, state or local mandated application, including, but not limited to, emergency 911 communication services, at no additional cost to Tenant or Landlord (collectively, the "**Permitted Use**"). Landlord and Tenant agree that any portion of the Communication Facility that may be conceptually described on **Exhibit 1** will not be deemed to limit Tenant's Permitted Use. If **Exhibit 1** includes drawings of the initial installation of the Communication Facility, Landlord's execution of this Agreement will signify Landlord's approval of **Exhibit 1**. For a period of ninety (90) days following the start of construction, Landlord grants Tenant, its subtenants, licensees and sublicensees, the right to use such portions of Landlord's contiguous, adjoining or Surrounding Property as described on **Exhibit 1** as may reasonably be required during construction and installation of the Communication Facility. Tenant has the right to install and operate transmission cables from the equipment shelter or cabinet to the antennas, electric lines from the main feed to the equipment shelter or cabinet and communication lines from the Property's main entry point to the equipment shelter or cabinet, and to make other improvements, alterations, upgrades or additions appropriate for Tenant's Permitted Use, including the right to construct a fence around the Premises and undertake any other appropriate means to secure the Premises at Tenant's expense. Tenant has the right to modify, supplement, replace, upgrade, expand the equipment, increase the number of antennas or relocate the Communication Facility within the Premises at any time during the term of this Agreement. Tenant will be allowed to make such alterations to the Property in order to ensure that Tenant's Communication Facility complies with all applicable federal, state or local laws, rules or regulations. In the event Tenant desires to modify or upgrade the Communication Facility, in a manner that requires an additional portion of the Property (the "**Additional Premises**") for such modification or upgrade, Landlord agrees to lease to Tenant the Additional Premises, upon the same terms and conditions set forth herein, except that the Rent shall increase, in conjunction with the lease of the Additional Premises by the amount equivalent to the then-current per square foot rental rate charged by Landlord to Tenant times the square footage of the Additional Premises. Landlord agrees to take such actions and enter into and deliver to Tenant such

documents as Tenant reasonably requests in order to effect and memorialize the lease of the Additional Premises to Tenant.

3. **TERM.**

(a) The initial lease term will be five (5) years (the "**Initial Term**"), commencing on the effective date of written notification by Tenant to Landlord of Tenant's exercise of the Option (the "**Term Commencement Date**"). The Initial Term will terminate on the fifth (5th) anniversary of the Term Commencement Date.

(b) This Agreement will automatically renew for four (4) additional five (5) year term(s) (each five (5) year term shall be defined as an "**Extension Term**"), upon the same terms and conditions unless Tenant notifies Landlord in writing of Tenant's intention not to renew this Agreement at least sixty (60) days prior to the expiration of the Initial Term or then-existing Extension Term.

(c) Unless (i) Landlord or Tenant notifies the other in writing of its intention to terminate this Agreement at least six (6) months prior to the expiration of the final Extension Term, or (ii) the Agreement is terminated as otherwise permitted by this Agreement prior to the end of the final Extension Term, then upon the expiration of the final Extension Term, this Agreement shall continue in force upon the same covenants, terms and conditions for a further term of one (1) year, and for annual terms thereafter ("**Annual Term**") until terminated by either party by giving to the other written notice of its intention to so terminate at least six (6) months prior to the end of any such Annual Term. Monthly rental during such Annual Terms shall be equal to the Rent paid for the last month of the final Extension Term. If Tenant remains in possession of the Premises after the termination of this Agreement, then Tenant will be deemed to be occupying the Premises on a month-to-month basis (the "**Holdover Term**"), subject to the terms and conditions of this Agreement.

(d) The Initial Term, any Extension Terms, any Annual Terms and any Holdover Term are collectively referred to as the Term (the "**Term**").

4. **RENT.**

(a) Commencing on the first day of the month following the date that Tenant commences construction (the "**Rent Commencement Date**"), Tenant will pay Landlord on or before the fifth (5th) day of each calendar month in advance [redacted] (the "**Rent**"), at the address set forth above. In any partial month occurring after the Rent Commencement Date, Rent will be prorated. The initial Rent payment will be forwarded by Tenant to Landlord within forty-five (45) days after the Rent Commencement Date.

(b) In year one (1) of each Extension Term, the monthly Rent will increase by [redacted] over the Rent paid during the previous five (5) year term.

(c) All charges payable under this Agreement such as utilities and taxes shall be billed by Landlord within one (1) year from the end of the calendar year in which the charges were incurred; any charges beyond such period shall not be billed by Landlord, and shall not be payable by Tenant. The foregoing shall not apply to monthly Rent which is due and payable without a requirement that it be billed by Landlord. The provisions of this subsection shall survive the termination or expiration of this Agreement.

5. **APPROVALS.**

(a) Landlord agrees that Tenant's ability to use the Premises is contingent upon the suitability of the Premises and Property for Tenant's Permitted Use and Tenant's ability to obtain and maintain all Government Approvals. Landlord authorizes Tenant to prepare, execute and file all required applications to obtain Government Approvals for Tenant's Permitted Use under this Agreement and agrees to reasonably assist Tenant with such applications and with obtaining and maintaining the Government Approvals.

(b) Tenant has the right to obtain a title report or commitment for a leasehold title policy from a title insurance company of its choice and to have the Property surveyed by a surveyor of its choice.

(c) Tenant may also perform and obtain, at Tenant's sole cost and expense, soil borings, percolation tests, engineering procedures, environmental investigation or other tests or reports on, over, and under the

Property, necessary to determine if Tenant's use of the Premises will be compatible with Tenant's engineering specifications, system, design, operations or Government Approvals.

6. **TERMINATION.** This Agreement may be terminated, without penalty or further liability, as follows:

(a) by either party on thirty (30) days prior written notice, if the other party remains in default under Section 15 of this Agreement after the applicable cure periods;

(b) by Tenant upon written notice to Landlord, if Tenant is unable to obtain or maintain, any required approval(s) or the issuance of a license or permit by any agency, board, court or other governmental authority necessary for the construction or operation of the Communication Facility as now or hereafter intended by Tenant; or if Tenant determines, in its sole discretion that the cost of or delay in obtaining or retaining the same is commercially unreasonable;

(c) by Tenant, upon written notice to Landlord, if Tenant determines, in its sole discretion, due to the title report results or survey results, that the condition of the Premises is unsatisfactory for its intended uses;

(d) by Tenant upon written notice to Landlord for any reason or no reason, at any time prior to commencement of construction by Tenant; or

(e) by Tenant upon sixty (60) days' prior written notice to Landlord for any reason or no reason, so long as Tenant pays Landlord a termination fee equal to three (3) months' Rent, at the then-current rate, provided, however, that no such termination fee will be payable on account of the termination of this Agreement by Tenant under any termination provision contained in any other Section of this Agreement, including the following: 5 Approvals, 6(a) Termination, 6(b) Termination, 6(c) Termination, 6(d) Termination, 11(d) Environmental, 18 Condemnation, or 19 Casualty.

7. **INSURANCE.**

(a) During the Term, Tenant will carry, at its own cost and expense, the following insurance: (i) workers' compensation insurance as required by law; and (ii) commercial general liability (CGL) insurance with respect to its activities on the Property, such insurance to afford protection of up to [redacted] per occurrence and [redacted] general aggregate, based on Insurance Services Office (ISO) Form CG 00 01 or a substitute form providing substantially equivalent coverage. Tenant's CGL insurance shall contain a provision including Landlord as an additional insured. Such additional insured coverage:

(i) shall be limited to bodily injury, property damage or personal and advertising injury caused, in whole or in part, by Tenant, its employees, agents or independent contractors;

(ii) shall not extend to claims for punitive or exemplary damages arising out of the acts or omissions of Landlord, its employees, agents or independent contractors or where such coverage is prohibited by law or to claims arising out of the gross negligence of Landlord, its employees, agents or independent contractors; and

(iii) shall not exceed Tenant's indemnification obligation under this Agreement, if any.

(b) Notwithstanding the foregoing, Tenant shall have the right to self-insure the coverages required in subsection (a). In the event Tenant elects to self-insure its obligation to include Landlord as an additional insured, the following provisions shall apply (in addition to those set forth in subsection (a)):

(i) Landlord shall promptly and no later than thirty (30) days after notice thereof provide Tenant with written notice of any claim, demand, lawsuit, or the like for which it seeks coverage pursuant to this Section and provide Tenant with copies of any demands, notices, summonses, or legal papers received in connection with such claim, demand, lawsuit, or the like;

(ii) Landlord shall not settle any such claim, demand, lawsuit, or the like without the prior written consent of Tenant; and

(iii) Landlord shall fully cooperate with Tenant in the defense of the claim, demand, lawsuit, or the like.

8. **INTERFERENCE.**

(a) Prior to or concurrent with the execution of this Agreement, Landlord has provided or will provide Tenant with a list of radio frequency user(s) and frequencies used on the Property as of the Effective Date. Tenant warrants that its use of the Premises will not interfere with those existing radio frequency uses on the Property, as long as those existing radio frequency user(s) operate and continue to operate within their respective frequencies and in accordance with all applicable laws and regulations.

(b) Landlord will not grant, after the date of this Agreement, a lease, license or any other right to any third party, if the exercise of such grant may in any way adversely affect or interfere with the Communication Facility, the operations of Tenant or the rights of Tenant under this Agreement. Landlord will notify Tenant in writing prior to granting any third party the right to install and operate communications equipment on the Property.

(c) Landlord will not, nor will Landlord permit its employees, tenants, licensees, invitees, agents or independent contractors to, interfere in any way with the Communication Facility, the operations of Tenant or the rights of Tenant under this Agreement. Landlord will cause such interference to cease within twenty-four (24) hours after receipt of notice of interference from Tenant. In the event any such interference does not cease within the aforementioned cure period, Landlord shall cease all operations which are suspected of causing interference (except for intermittent testing to determine the cause of such interference) until the interference has been corrected.

(d) For the purposes of this Agreement, "interference" may include, but is not limited to, any use on the Property or Surrounding Property that causes electronic or physical obstruction with, or degradation of, the communications signals from the Communication Facility.

9. **INDEMNIFICATION.**

(a) Tenant agrees to indemnify, defend and hold Landlord harmless from and against any and all injury, loss, damage or liability (or any claims in respect of the foregoing), costs or expenses (including reasonable attorneys' fees and court costs) arising directly from the installation, use, maintenance, repair or removal of the Communication Facility or Tenant's breach of any provision of this Agreement, except to the extent attributable to the negligent or intentional act or omission of Landlord, its employees, agents or independent contractors.

(b) Landlord agrees to indemnify, defend and hold Tenant harmless from and against any and all injury, loss, damage or liability (or any claims in respect of the foregoing), costs or expenses (including reasonable attorneys' fees and court costs) arising directly from the actions or failure to act of Landlord, its employees or agents, or Landlord's breach of any provision of this Agreement, except to the extent attributable to the negligent or intentional act or omission of Tenant, its employees, agents or independent contractors.

(c) The indemnified party: (i) shall promptly provide the indemnifying party with written notice of any claim, demand, lawsuit, or the like for which it seeks indemnification pursuant to this Section and provide the indemnifying party with copies of any demands, notices, summonses, or legal papers received in connection with such claim, demand, lawsuit, or the like; (ii) shall not settle any such claim, demand, lawsuit, or the like without the prior written consent of the indemnifying party; and (iii) shall fully cooperate with the indemnifying party in the defense of the claim, demand, lawsuit, or the like. A delay in notice shall not relieve the indemnifying party of its indemnity obligation, except (1) to the extent the indemnifying party can show it was prejudiced by the delay; and (2) the indemnifying party shall not be liable for any settlement or litigation expenses incurred before the time when notice is given.

10. **WARRANTIES.**

(a) Tenant and Landlord each acknowledge and represent that it is duly organized, validly existing and in good standing and has the right, power and authority to enter into this Agreement and bind itself hereto through the party set forth as signatory for the party below.

(b) Landlord represents, warrants and agrees that: (i) Landlord solely owns the Property as a legal lot in fee simple, or controls the Property by lease or license; (ii) the Property is not and will not be encumbered by any liens, restrictions, mortgages, covenants, conditions, easements, leases, or any other agreements of record or not of record, which would adversely affect Tenant's Permitted Use and enjoyment of the Premises under this

Agreement; (iii) as long as Tenant is not in default then Landlord grants to Tenant sole, actual, quiet and peaceful use, enjoyment and possession of the Premises without hindrance or ejection by any persons lawfully claiming under Landlord; (iv) Landlord's execution and performance of this Agreement will not violate any laws, ordinances, covenants or the provisions of any mortgage, lease or other agreement binding on Landlord, and (v) if the Property is or becomes encumbered by a deed to secure a debt, mortgage or other security interest, Landlord will provide promptly to Tenant a mutually agreeable subordination, non-disturbance and attornment agreement executed by Landlord and the holder of such security interest.

11. **ENVIRONMENTAL.**

(a) Landlord represents and warrants that, except as may be identified in **Exhibit 11** attached to this Agreement, (i) the Property, as of the date of this Agreement, is free of hazardous substances, including asbestos-containing materials and lead paint, and (ii) the Property has never been subject to any contamination or hazardous conditions resulting in any environmental investigation, inquiry or remediation. Landlord and Tenant agree that each will be responsible for compliance with any and all applicable governmental laws, rules, statutes, regulations, codes, ordinances, or principles of common law regulating or imposing standards of liability or standards of conduct with regard to protection of the environment or worker health and safety, as may now or at any time hereafter be in effect, to the extent such apply to that party's activity conducted in or on the Property.

(b) Landlord and Tenant agree to hold harmless and indemnify the other from, and to assume all duties, responsibilities and liabilities at the sole cost and expense of the indemnifying party for, payment of penalties, sanctions, forfeitures, losses, costs or damages, and for responding to any action, notice, claim, order, summons, citation, directive, litigation, investigation or proceeding ("**Claims**"), to the extent arising from that party's breach of its obligations or representations under Section 11(a). Landlord agrees to hold harmless and indemnify Tenant from, and to assume all duties, responsibilities and liabilities at the sole cost and expense of Landlord for, payment of penalties, sanctions, forfeitures, losses, costs or damages, and for responding to any Claims, to the extent arising from subsurface or other contamination of the Property with hazardous substances prior to the Effective Date of this Agreement or from such contamination caused by the acts or omissions of Landlord during the Term. Tenant agrees to hold harmless and indemnify Landlord from, and to assume all duties, responsibilities and liabilities at the sole cost and expense of Tenant for, payment of penalties, sanctions, forfeitures, losses, costs or damages, and for responding to any Claims, to the extent arising from hazardous substances brought onto the Property by Tenant.

(c) The indemnifications of this Section 11 specifically include reasonable costs, expenses and fees incurred in connection with any investigation of Property conditions or any clean-up, remediation, removal or restoration work required by any governmental authority. The provisions of this Section 11 will survive the expiration or termination of this Agreement.

(d) In the event Tenant becomes aware of any hazardous substances on the Property, or any environmental, health or safety condition or matter relating to the Property, that, in Tenant's sole determination, renders the condition of the Premises or Property unsuitable for Tenant's use, or if Tenant believes that the leasing or continued leasing of the Premises would expose Tenant to undue risks of liability to a government agency or other third party, Tenant will have the right, in addition to any other rights it may have at law or in equity, to terminate this Agreement upon written notice to Landlord.

12. **ACCESS.** At all times throughout the Term of this Agreement, and at no additional charge to Tenant, Tenant and its employees, agents, and subcontractors, will have twenty-four (24) hour per day, seven (7) day per week pedestrian and vehicular access ("**Access**") to and over the Property, from an open and improved public road to the Premises, for the installation, maintenance and operation of the Communication Facility and any utilities serving the Premises. As may be described more fully in **Exhibit 1**, Landlord grants to Tenant an easement for such Access and Landlord agrees to provide to Tenant such codes, keys and other instruments necessary for such Access at no additional cost to Tenant. Upon Tenant's request, Landlord will execute a separate recordable easement evidencing this right. Landlord shall execute a letter granting Tenant Access to the Property substantially in the form attached as **Exhibit 12**; upon Tenant's request, Landlord shall execute additional letters during the Term. Landlord acknowledges that in the event Tenant cannot obtain Access to the

Premises, Tenant shall incur significant damage. If Landlord fails to provide the Access granted by this Section 12, such failure shall be a default under this Agreement. In connection with such default, in addition to any other rights or remedies available to Tenant under this Agreement or at law or equity, Landlord shall pay Tenant, as liquidated damages and not as a penalty, [redacted] in consideration of Tenant's damages until Landlord cures such default. Landlord and Tenant agree that Tenant's damages in the event of a denial of Access are difficult, if not impossible, to ascertain, and the liquidated damages set forth above are a reasonable approximation of such damages.

13. **REMOVAL/RESTORATION.** All portions of the Communication Facility brought onto the Property by Tenant will be and remain Tenant's personal property and, at Tenant's option, may be removed by Tenant at any time during or after the Term. Landlord covenants and agrees that no part of the Communication Facility constructed, erected or placed on the Premises by Tenant will become, or be considered as being affixed to or a part of, the Property, it being the specific intention of Landlord that all improvements of every kind and nature constructed, erected or placed by Tenant on the Premises will be and remain the property of Tenant and may be removed by Tenant at any time during or after the Term. Tenant will repair any damage to the Property resulting from Tenant's removal activities. Any portions of the Communication Facility that Tenant does not remove within one hundred twenty (120) days after the later of the end of the Term and cessation of Tenant's operations at the Premises shall be deemed abandoned and owned by Landlord. However, to the extent required by law, Tenant will remove the above-ground portions of the Communications Facility within such one hundred twenty (120) day period. Notwithstanding the foregoing, Tenant will not be responsible for the replacement of any trees, shrubs or other vegetation.

14. **MAINTENANCE/UTILITIES.**

(a) Tenant will keep and maintain the Premises in good condition, reasonable wear and tear and damage from the elements excepted. Landlord will maintain and repair the Property and access thereto and all areas of the Premises where Tenant does not have exclusive control, in good and tenantable condition, subject to reasonable wear and tear and damage from the elements. Landlord will be responsible for maintenance of landscaping on the Property, excluding any landscaping installed by Tenant as a condition of this Agreement or any required permit. Landlord shall not be responsible for the maintenance and upkeep of any Tenant constructed access road installed on the Property to the Communication Facility.

(b) Tenant will be responsible for paying on a monthly or quarterly basis all utilities charges for electricity, telephone service or any other utility used or consumed by Tenant on the Premises. In the event Tenant cannot secure its own metered electrical supply, Tenant will have the right, at its own cost and expense, to submeter from Landlord. When submetering is required under this Agreement, Landlord will read the meter and provide Tenant with an invoice and usage data on a monthly basis. Landlord agrees that it will not include a markup on the utility charges. Landlord further agrees to provide the usage data and invoice on forms provided by Tenant and to send such forms to such address and/or agent designated by Tenant. Tenant will remit payment within forty-five (45) days of receipt of the usage data and required forms. As noted in Section 4(c) above, any utility fee recovery by Landlord is limited to a twelve (12) month period. If Tenant submeters electricity from Landlord, Landlord agrees to give Tenant at least twenty-four (24) hours advance notice of any planned interruptions of said electricity. Landlord acknowledges that Tenant provides a communication service which requires electrical power to operate and must operate twenty-four (24) hours per day, seven (7) days per week. If the interruption is for an extended period of time, in Tenant's reasonable determination, Landlord agrees to allow Tenant the right to bring in a temporary source of power for the duration of the interruption. Landlord will not be responsible for interference with, interruption of or failure, beyond the reasonable control of Landlord, of such services to be furnished or supplied by Landlord.

(c) Landlord hereby grants to any company providing utility or similar services, including electric power and telecommunications, to Tenant an easement over the Property, from an open and improved public road to the Premises, and upon the Premises, for the purpose of constructing, operating and maintaining such lines, wires, circuits, and conduits, associated equipment cabinets and such appurtenances thereto, as such companies may from time to time require in order to provide such services to the Premises. Upon Tenant's or

the service company's request, Landlord will execute a separate recordable easement evidencing this grant, at no cost to Tenant or the service company.

15. DEFAULT AND RIGHT TO CURE.

(a) The following will be deemed a default by Tenant and a breach of this Agreement: (i) non-payment of Rent if such Rent remains unpaid for more than thirty (30) days after written notice from Landlord of such failure to pay; or (ii) Tenant's failure to perform any other term or condition under this Agreement within forty-five (45) days after written notice from Landlord specifying the failure. No such failure, however, will be deemed to exist if Tenant has commenced to cure such default within such period and provided that such efforts are prosecuted to completion with reasonable diligence. Delay in curing a default will be excused if due to causes beyond the reasonable control of Tenant. If Tenant remains in default beyond any applicable cure period, Landlord will have the right to exercise any and all rights and remedies available to it under law and equity.

(b) The following will be deemed a default by Landlord and a breach of this Agreement: (i) Landlord's failure to provide Access to the Premises as required by Section 12 of this Agreement within twenty-four (24) hours after written notice of such failure; (ii) Landlord's failure to cure an interference problem as required by Section 8 of this Agreement within twenty-four (24) hours after written notice of such failure, or (iii) Landlord's failure to perform any term, condition or breach of any warranty or covenant under this Agreement within forty-five (45) days after written notice from Tenant specifying the failure. No such failure, however, will be deemed to exist if Landlord has commenced to cure the default within such period and provided such efforts are prosecuted to completion with reasonable diligence. Delay in curing a default will be excused if due to causes beyond the reasonable control of Landlord. If Landlord remains in default beyond any applicable cure period, Tenant will have: (i) the right to cure Landlord's default and to deduct the costs of such cure from any monies due to Landlord from Tenant, and (ii) any and all other rights available to it under law and equity.

16. ASSIGNMENT/SUBLEASE. Tenant will have the right to assign this Agreement or sublease the Premises and its rights herein, in whole or in part, without Landlord's consent. Upon notification to Landlord of such assignment, Tenant will be relieved of all future performance, liabilities and obligations under this Agreement to the extent of such assignment.

17. **NOTICES.** All notices, requests and demands hereunder will be given by first class certified or registered mail, return receipt requested, or by a nationally recognized overnight courier, postage prepaid, to be effective when properly sent and received, refused or returned undelivered. Notices will be addressed to the parties as follows:

If to Tenant: New Cingular Wireless PCS, LLC
Attn: Network Real Estate Administration
Re: Cell Site #: _____; Cell Site Name: Dobbs Hollow FN (KY)
Fixed Asset No.: 14397265
575 Morosgo Drive
Atlanta, GA 30324

With a copy to:

New Cingular Wireless PCS, LLC
Attn.: Legal Department
Re: Cell Site #: _____; Cell Site Name: Dobbs Hollow FN (KY)
Fixed Asset No.: 14397265
208 S. Akard Street
Dallas, TX 75202-4206

The copy sent to the Legal Department is an administrative step which alone does not constitute legal notice.

If to Landlord: Andrew Humphreys
163 Lakewood Drive
Monticello, KY 42633

Either party hereto may change the place for the giving of notice to it by thirty (30) days' prior written notice to the other as provided herein.

18. **CONDEMNATION.** In the event Landlord receives notification of any condemnation proceedings affecting the Property, Landlord will provide notice of the proceeding to Tenant within forty-eight (48) hours. If a condemning authority takes all of the Property, or a portion sufficient, in Tenant's sole determination, to render the Premises unsuitable for Tenant, this Agreement will terminate as of the date the title vests in the condemning authority. The parties will each be entitled to pursue their own separate awards in the condemnation proceeds, which for Tenant will include, where applicable, the value of its Communication Facility, moving expenses, prepaid Rent, and business dislocation expenses. Tenant will be entitled to reimbursement for any prepaid Rent on a prorata basis.

19. **CASUALTY.** Landlord will provide notice to Tenant of any casualty or other harm affecting the Property within forty-eight (48) hours of the casualty or other harm. If any part of the Communication Facility or Property is damaged by casualty or other harm as to render the Premises unsuitable, in Tenant's sole determination, then Tenant may terminate this Agreement by providing written notice to Landlord, which termination will be effective as of the date of such casualty or other harm. Upon such termination, Tenant will be entitled to collect all insurance proceeds payable to Tenant on account thereof and to be reimbursed for any prepaid Rent on a prorata basis. Landlord agrees to permit Tenant to place temporary transmission and reception facilities on the Property, but only until such time as Tenant is able to activate a replacement transmission facility at another location; notwithstanding the termination of the Agreement, such temporary facilities will be governed by all of the terms and conditions of this Agreement, including Rent. If Landlord or Tenant undertakes to rebuild or restore the Premises and/or the Communication Facility, as applicable, Landlord agrees to permit Tenant to place temporary transmission and reception facilities on the Property at no additional Rent until the reconstruction of the Premises and/or the Communication Facility is completed. If Landlord

determines not to rebuild or restore the Property, Landlord will notify Tenant of such determination within thirty (30) days after the casualty or other harm. If Landlord does not so notify Tenant, and Tenant decides not to terminate under this Section, then Landlord will promptly rebuild or restore any portion of the Property interfering with or required for Tenant's Permitted Use of the Premises to substantially the same condition as existed before the casualty or other harm. Landlord agrees that the Rent shall be abated until the Property and/or the Premises are rebuilt or restored, unless Tenant places temporary transmission and reception facilities on the Property.

20. WAIVER OF LANDLORD'S LIENS. Landlord waives any and all lien rights it may have, statutory or otherwise, concerning the Communication Facility or any portion thereof. The Communication Facility shall be deemed personal property for purposes of this Agreement, regardless of whether any portion is deemed real or personal property under applicable law; Landlord consents to Tenant's right to remove all or any portion of the Communication Facility from time to time in Tenant's sole discretion and without Landlord's consent.

21. TAXES.

(a) Landlord shall be responsible for timely payment of all taxes and assessments levied upon the lands, improvements and other property of Landlord, including any such taxes that may be calculated by the taxing authority using any method, including the income method. Tenant shall be responsible for any taxes and assessments attributable to and levied upon Tenant's leasehold improvements on the Premises if and as set forth in this Section 21. Nothing herein shall require Tenant to pay any inheritance, franchise, income, payroll, excise, privilege, rent, capital stock, stamp, documentary, estate or profit tax, or any tax of similar nature, that is or may be imposed upon Landlord.

(b) In the event Landlord receives a notice of assessment with respect to which taxes or assessments are imposed on Tenant's leasehold improvements on the Premises, Landlord shall provide Tenant with copies of each such notice immediately upon receipt, but in no event later than thirty (30) days after the date of such notice of assessment. If Landlord does not provide such notice or notices to Tenant within such time period, Landlord shall be responsible for payment of the tax or assessment set forth in the notice, and Landlord shall not have the right to reimbursement of such amount from Tenant. If Landlord provides a notice of assessment to Tenant within such time period and requests reimbursement from Tenant as set forth below, then Tenant shall reimburse Landlord for the tax or assessments identified on the notice of assessment on Tenant's leasehold improvements, which has been paid by Landlord. If Landlord seeks reimbursement from Tenant, Landlord shall, no later than thirty (30) days after Landlord's payment of the taxes or assessments for the assessed tax year, provide Tenant with written notice including evidence that Landlord has timely paid same, and Landlord shall provide to Tenant any other documentation reasonably requested by Tenant to allow Tenant to evaluate the payment and to reimburse Landlord.

(c) For any tax amount for which Tenant is responsible under this Agreement, Tenant shall have the right to contest, in good faith, the validity or the amount thereof using such administrative, appellate or other proceedings as may be appropriate in the jurisdiction, and may defer payment of such obligations, pay same under protest, or take such other steps as Tenant may deem appropriate. This right shall include the ability to institute any legal, regulatory or informal action in the name of Landlord, Tenant, or both, with respect to the valuation of the Premises. Landlord shall cooperate with respect to the commencement and prosecution of any such proceedings and will execute any documents required therefor. The expense of any such proceedings shall be borne by Tenant and any refunds or rebates secured as a result of Tenant's action shall belong to Tenant, to the extent the amounts were originally paid by Tenant. In the event Tenant notifies Landlord by the due date for assessment of Tenant's intent to contest the assessment, Landlord shall not pay the assessment pending conclusion of the contest, unless required by applicable law.

(d) Landlord shall not split or cause the tax parcel on which the Premises are located to be split, bifurcated, separated or divided without the prior written consent of Tenant.

(e) Tenant shall have the right but not the obligation to pay any taxes due by Landlord hereunder if Landlord fails to timely do so, in addition to any other rights or remedies of Tenant. In the event that Tenant exercises its rights under this Section 21(e) due to such Landlord default, Tenant shall have the right to deduct such tax amounts paid from any monies due to Landlord from Tenant as provided in Section 15(b), provided that Tenant may exercise such right without having provided to Landlord notice and the opportunity to cure per Section 15(b).

(f) Any tax-related notices shall be sent to Tenant in the manner set forth in Section 17 and, in addition, of a copy of any such notices shall be sent to the following address. Promptly after the Effective Date of this Agreement, Landlord shall provide the following address to the taxing authority for the authority's use in the event the authority needs to communicate with Tenant. In the event that Tenant's tax addresses changes by notice to Landlord, Landlord shall be required to provide Tenant's new tax address to the taxing authority or authorities.

New Cingular Wireless PCS, LLC
Attn: Network Real Estate Administration -- Taxes
Re: Cell Site #_____; Cell Site Name: Dobbs Hollow FN (KY)
Fixed Asset No: 14397265
575 Morosgo Drive
Atlanta, GA 30324

(g) Notwithstanding anything to the contrary contained in this Section 21, Tenant shall have no obligation to reimburse any tax or assessment for which the Landlord is reimbursed or rebated by a third party.

22. **SALE OF PROPERTY**

(a) Landlord shall not be prohibited from the selling, leasing or use of any of the Property or the Surrounding Property except as provided below.

(b) If Landlord, at any time during the Term of this Agreement, decides to rezone or sell, subdivide or otherwise transfer all or any part of the Premises, or all or any part of the Property or Surrounding Property, to a purchaser other than Tenant, Landlord shall promptly notify Tenant in writing, and such rezoning, sale, subdivision or transfer shall be subject to this Agreement and Tenant's rights hereunder. In the event of a change in ownership, transfer or sale of the Property, within ten (10) days of such transfer, Landlord or its successor shall send the documents listed below in this subsection (b) to Tenant. Until Tenant receives all such documents, Tenant shall not be responsible for any failure to make payments under this Agreement and reserves the right to hold payments due under this Agreement.

i. Old deed to Property
ii. New deed to Property
iii. Bill of Sale or Transfer
iv. Copy of current Tax Bill
v. New IRS Form W-9
vi. Completed and Signed AT&T Payment Direction Form
vii. Full contact information for new Landlord including phone number(s)

(c) Landlord agrees not to sell, lease or use any areas of the Property or Surrounding Property for the installation, operation or maintenance of other wireless communications facilities if such installation, operation or maintenance would interfere with Tenant's Permitted Use or communications equipment as determined by radio propagation tests performed by Tenant in its sole discretion. Landlord or Landlord's prospective purchaser shall reimburse Tenant for any costs and expenses of such testing. If the radio frequency propagation tests demonstrate levels of interference unacceptable to Tenant, Landlord shall be prohibited from selling, leasing or using any areas of the Property or the Surrounding Property for purposes of any installation, operation or maintenance of any other wireless communications facility or equipment.

(d) The provisions of this Section shall in no way limit or impair the obligations of Landlord under this Agreement, including interference and access obligations.

23. **RENTAL STREAM OFFER.** If at any time after the date of this Agreement, Landlord receives a bona fide written offer from a third party seeking an assignment or transfer of Rent payments associated with this Agreement ("**Rental Stream Offer**"), Landlord shall immediately furnish Tenant with a copy of the Rental Stream Offer. Tenant shall have the right within twenty (20) days after it receives such copy to match the Rental Stream Offer and agree in writing to match the terms of the Rental Stream Offer. Such writing shall be in the form of a contract substantially similar to the Rental Stream Offer. If Tenant chooses not to exercise this right or fails to provide written notice to Landlord within the twenty (20) day period, Landlord may assign the right to receive Rent payments pursuant to the Rental Stream Offer, subject to the terms of this Agreement. If Landlord attempts to assign or transfer Rent payments without complying with this Section, the assignment or transfer shall be void. Tenant shall not be responsible for any failure to make payments under this Agreement and reserves the right to hold payments due under this Agreement until Landlord complies with this Section.

24. **MISCELLANEOUS.**

(a) **Amendment/Waiver.** This Agreement cannot be amended, modified or revised unless done in writing and signed by Landlord and Tenant. No provision may be waived except in a writing signed by both parties. The failure by a party to enforce any provision of this Agreement or to require performance by the other party will not be construed to be a waiver, or in any way affect the right of either party to enforce such provision thereafter.

(b) **Memorandum/Short Form Lease.** Contemporaneously with the execution of this Agreement, the parties will execute a recordable Memorandum or Short Form of Lease substantially in the form attached as **Exhibit 24b**. Either party may record this Memorandum or Short Form of Lease at any time during the Term, in its absolute discretion. Thereafter during the Term of this Agreement, either party will, at any time upon fifteen (15) business days' prior written notice from the other, execute, acknowledge and deliver to the other a recordable Memorandum or Short Form of Lease.

(c) **Limitation of Liability.** Except for the indemnity obligations set forth in this Agreement, and otherwise notwithstanding anything to the contrary in this Agreement, Tenant and Landlord each waives any claims that each may have against the other with respect to consequential, incidental or special damages, however caused, based on any theory of liability.

(d) **Compliance with Law.** Tenant agrees to comply with all federal, state and local laws, orders, rules and regulations ("**Laws**") applicable to Tenant's use of the Communication Facility on the Property. Landlord agrees to comply with all Laws relating to Landlord's ownership and use of the Property and any improvements on the Property.

(e) **Bind and Benefit.** The terms and conditions contained in this Agreement will run with the Property and bind and inure to the benefit of the parties, their respective heirs, executors, administrators, successors and assigns.

(f) **Entire Agreement.** This Agreement and the exhibits attached hereto, all being a part hereof, constitute the entire agreement of the parties hereto and will supersede all prior offers, negotiations and agreements with respect to the subject matter of this Agreement. Exhibits are numbered to correspond to the Section wherein they are first referenced. Except as otherwise stated in this Agreement, each party shall bear its own fees and expenses (including the fees and expenses of its agents, brokers, representatives, attorneys, and accountants) incurred in connection with the negotiation, drafting, execution and performance of this Agreement and the transactions it contemplates.

(g) **Governing Law.** This Agreement will be governed by the laws of the state in which the Premises are located, without regard to conflicts of law.

(h) **Interpretation.** Unless otherwise specified, the following rules of construction and interpretation apply: (i) captions are for convenience and reference only and in no way define or limit the construction of the terms and conditions hereof; (ii) use of the term "including" will be interpreted to mean "including but not limited to"; (iii) whenever a party's consent is required under this Agreement, except as otherwise stated in this Agreement or as same may be duplicative, such consent will not be unreasonably

withheld, conditioned or delayed; (iv) exhibits are an integral part of this Agreement and are incorporated by reference into this Agreement; (v) use of the terms "termination" or "expiration" are interchangeable; (vi) reference to a default will take into consideration any applicable notice, grace and cure periods, (vii) to the extent there is any issue with respect to any alleged, perceived or actual ambiguity in this Agreement, the ambiguity shall not be resolved on the basis of who drafted the Agreement; (viii) the singular use of words includes the plural where appropriate and (ix) if any provision of this Agreement is held invalid, illegal or unenforceable, the remaining provisions of this Agreement shall remain in full force if the overall purpose of the Agreement is not rendered impossible and the original purpose, intent or consideration is not materially impaired.

(i) **Affiliates.** All references to "Tenant" shall be deemed to include any Affiliate of New Cingular Wireless PCS, LLC using the Premises for any Permitted Use or otherwise exercising the rights of Tenant pursuant to this Agreement. "Affiliate" means with respect to a party to this Agreement, any person or entity that (directly or indirectly) controls, is controlled by, or under common control with, that party. "Control" of a person or entity means the power (directly or indirectly) to direct the management or policies of that person or entity, whether through the ownership of voting securities, by contract, by agency or otherwise.

(j) **Survival.** Any provisions of this Agreement relating to indemnification shall survive the termination or expiration hereof. In addition, any terms and conditions contained in this Agreement that by their sense and context are intended to survive the termination or expiration of this Agreement shall so survive.

(k) **W-9.** As a condition precedent to payment, Landlord agrees to provide Tenant with a completed IRS Form W-9, or its equivalent, upon execution of this Agreement and at such other times as may be reasonably requested by Tenant, including, any change in Landlord's name or address.

(l) **Execution/No Option.** The submission of this Agreement to any party for examination or consideration does not constitute an offer, reservation of or option for the Premises based on the terms set forth herein. This Agreement will become effective as a binding Agreement only upon the handwritten legal execution, acknowledgment and delivery hereof by Landlord and Tenant. This Agreement may be executed in two (2) or more counterparts, all of which shall be considered one and the same agreement and shall become effective when one or more counterparts have been signed by each of the parties. All parties need not sign the same counterpart.

(m) **Attorneys' Fees.** In the event that any dispute between the parties related to this Agreement should result in litigation, the prevailing party in such litigation shall be entitled to recover from the other party all reasonable fees and expenses of enforcing any right of the prevailing party, including without limitation, reasonable attorneys' fees and expenses. Prevailing party means the party determined by the court to have most nearly prevailed even if such party did not prevail in all matters. This provision will not be construed to entitle any party other than Landlord, Tenant and their respective Affiliates to recover their fees and expenses.

(n) **WAIVER OF JURY TRIAL.** EACH PARTY, TO THE EXTENT PERMITTED BY LAW, KNOWINGLY, VOLUNTARILY AND INTENTIONALLY WAIVES ITS RIGHT TO A TRIAL BY JURY IN ANY ACTION OR PROCEEDING UNDER ANY THEORY OF LIABILITY ARISING OUT OF OR IN ANY WAY CONNECTED WITH THIS AGREEMENT OR THE TRANSACTIONS IT CONTEMPLATES.

[SIGNATURES APPEAR ON NEXT PAGE]

IN WITNESS WHEREOF, the parties have caused this Agreement to be effective as of the last date written below.

"LANDLORD"

Andrew Beale Humphreys

By: Andy Humphreys
Print Name: Andrew Beale Humphreys
Its: Owner
Date: 2-26-18

Michael Aaron Humphreys

By: Michael A. Humphreys
Print Name: Michael Aaron Humphreys
Its: Owner
Date: 3-10-2018

LANDLORD ACKNOWLEDGMENT

STATE OF Kentucky)
) ss:
COUNTY OF Wayne)

On the 26th day of February, 2018 before me, personally appeared Andrew Beale Humphreys ~~and Michael Aaron Humphreys~~, who acknowledged under oath, that he/she/they is/are the person/officer named in the within instrument, and that he/she/they executed the same in his/her/their stated capacity as the voluntary act and deed of the Landlord for the purposes therein contained.

Jessica Simpson
Notary Public: State At Large
My Commission Expires: 10-15-19

IN WITNESS WHEREOF, the parties have caused this Agreement to be effective as of the last date written below.

"LANDLORD"

Andrew Beale Humphreys

By: _____

Print Name: Andrew Beale Humphreys

Its: Owner

Date: 2-16-18

Michael Aaron Humphreys

By: _____

Print Name: Michael Aaron Humphreys

Its: Owner

Date: 2-16-2018

LANDLORD ACKNOWLEDGMENT

STATE OF VIRGINIA)

) ss:

COUNTY OF LOUDOUN)

On the 16th day of February, 2018 before me, personally appeared ~~Andrew Beale Humphreys~~ and Michael Aaron Humphreys, who acknowledged under oath, that he/she/they is/are the person/officer named in the within instrument, and that he/she/they executed the same in his/her/their stated capacity as the voluntary act and deed of the Landlord for the purposes therein contained.

_____

Notary Public: MICHELLE FRIMEL

My Commission Expires: 10/31/2020

MICHELLE MARIE FRIMEL - NOTARY PUBLIC
County of Loudoun
Commonwealth of Virginia
My Commission Expires 10/31/2020
No. 7687738

"TENANT"

New Cingular Wireless PCS, LLC,
a Delaware limited liability company
By: AT&T Mobility Corporation
Its: Manager

By: Jason Allday
Print Name: Jason Allday
Its: Area Manager – TN/KY
Date: 8/24/18

TENANT ACKNOWLEDGMENT

STATE OF ALABAMA)
) ss:
COUNTY OF JEFFERSON)

On the 24 day of August, 2018, before me personally appeared Jason Allday, and acknowledged under oath that he is the Area Manager – TN/KY of AT&T Mobility Corporation, the Manager of New Cingular Wireless PCS, LLC, the Tenant named in the attached instrument, and as such was authorized to execute this instrument on behalf of the Tenant.

KATHY M. MCLAUGHLIN NOTARY PUBLIC ALABAMA STATE AT LARGE

Notary Public: Kathy M. McLaughlin
My Commission Expires: 10 26 2020

EXHIBIT 1

DESCRIPTION OF PREMISES

to the Memorandum of Lease dated August 24, 2018, by and between Andrew Beale Humphreys, a single man, and Michael Aaron Humphreys, a single man, as Landlord, and New Cingular Wireless PCS, LLC, a Delaware limited liability company, as Tenant.

The Property is legally described as follows:

PARENT TRACT (FROM TITLE)
(BOOK 345, PAGE 375)
TRACT NO. ONE
A certain tract or parcel of land lying and being in Wayne County, Kentucky on the waters of the Little South Fork of Cumberland River and bounded and described as follows, to-wit:
BEGINNING on a branch 4 poles above a black walnut, corner to Lot No. 16 of the Emmanuel Sandusky land, running N 34 1/2 E 23[illegible] poles to a stake and rock, thence N 19 W 48 1/2 poles to the west end of Big Flat, thence N [illegible] W 134 poles with the Christian line to a chestnut oak corner near the top of the ridge; thence S [illegible] E 72 poles to a rock, thence N 53 W 76 poles to a rock; thence N 70 W 80 poles to a dogwood and black jack and rock near a poplar, Bert Adkins' corner, thence N 55 W 170 poles to Thomas Millsaps' corner, a white oak and poplar, thence [illegible] 31 W binding his line 60 poles to William Hunt's corner, a white oak; thence [illegible] E binding his line to a double chestnut oak on the top of the ridge, thence N 36 E binding S. Adkins' line 80 poles to his corner a hickory and elm; thence S 20 E 176 poles to a dogwood; thence S 15 W 13 poles to a rock; thence S 26 E 2[illegible] poles to the big rock; thence N 56 E 47 poles to a rock on a branch, thence meandering the branch to the beginning. Containing 120 acres more or less.

This conveyance is made subject to the interest in and to the oil and gas underlying the above described land as referred to in Deed Book 99, at page 525.
This conveyance is also made subject to a 10 ft. wide right of way easement running to the property of Tommy E. Smith et al in Deed Book 339, page 351 in Wayne County Court Clerk's Office.

TRACT NO. TWO
The following described real estate lying and being in Wayne County, Kentucky on the waters of Little South Fork and described as follows:
BEGINNING at Ralph Dobbs' corner and Matthew Hurt, thence N 52 W 10 poles to a steel rod, thence N 87 W 17[illegible] poles to a steel rod, Matthew Hurt's line, thence N 26 E 4[illegible] poles to a steel rod, Matthew Hurt's line, thence N 47 W 17 poles to a steel rod Matthew Hurt's lines thence N 18 E 62 poles to a steel rod Matthew Hurt's line thence N 5[illegible] W 16 poles to a steel rod, Matthew Hurt's corner, Lawrence Burnett's corner and Ralph Dobbs' corner, thence with a line of Ralph Dobbs N 55 E 80 poles to a hickory and Elm, Ralph Dobbs corner, thence S 20 E 176 poles to the beginning with Ralph Dobbs' line. Containing 87.90 acres more or less.

Tracts One and Two being a part of the same land conveyed to Joyce Kennedy and her husband, Joe Kennedy, Jr., both now deceased, by Ralph Dobbs, a single man, by deed dated April 5, 2004, and of record in Deed Book [illegible] at Page 157 in the Wayne County Court Clerk's Office and also being a part of the same land which the interest of Joe Kennedy, Jr. passed and descended to Joyce Kennedy pursuant to the survivorship clause in the deed aforesaid and also pursuant to the Last Will and Testament of Joe L. Kennedy, Jr. in Will Book 5, page 2[illegible] of record in the clerk's office aforesaid and also being a part of the same land which was devised to Deborah Faye Sharp Baker pursuant to the terms and provisions of the Last Will and Testament of Joyce Kennedy, said Will is of record in Will Book [illegible] page [illegible] in the clerk's office aforesaid.

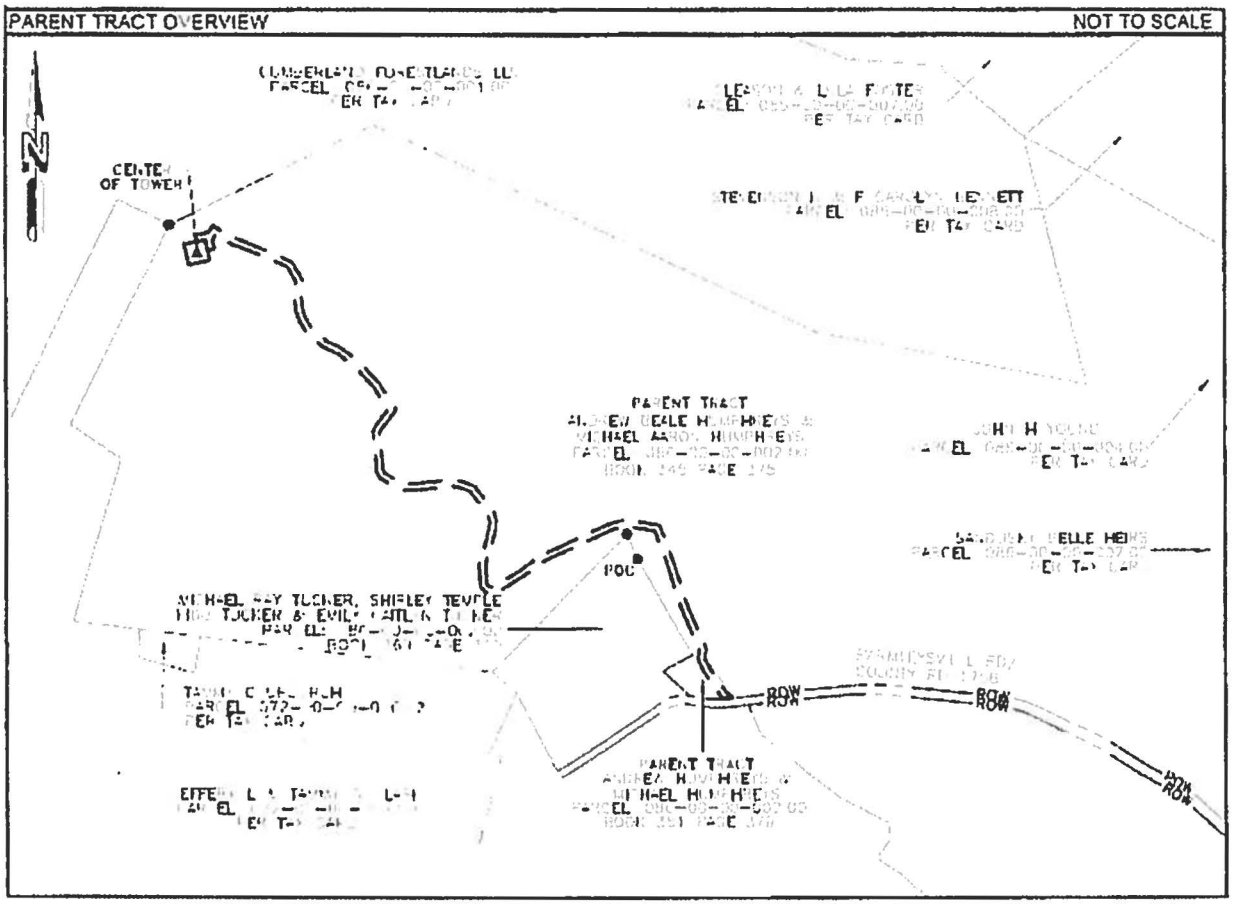
Exception #1
There is hereby excepted and not conveyed a certain tract of land containing [illegible] acres more or less, conveyed to Ralph Jones et ux by Joyce Kennedy et al, by deed dated December [illegible], and of record in Deed Book 31[illegible], page 300 in the Wayne County Court Clerk's Office and reference is made to said deed for a more complete and accurate description of said exception.

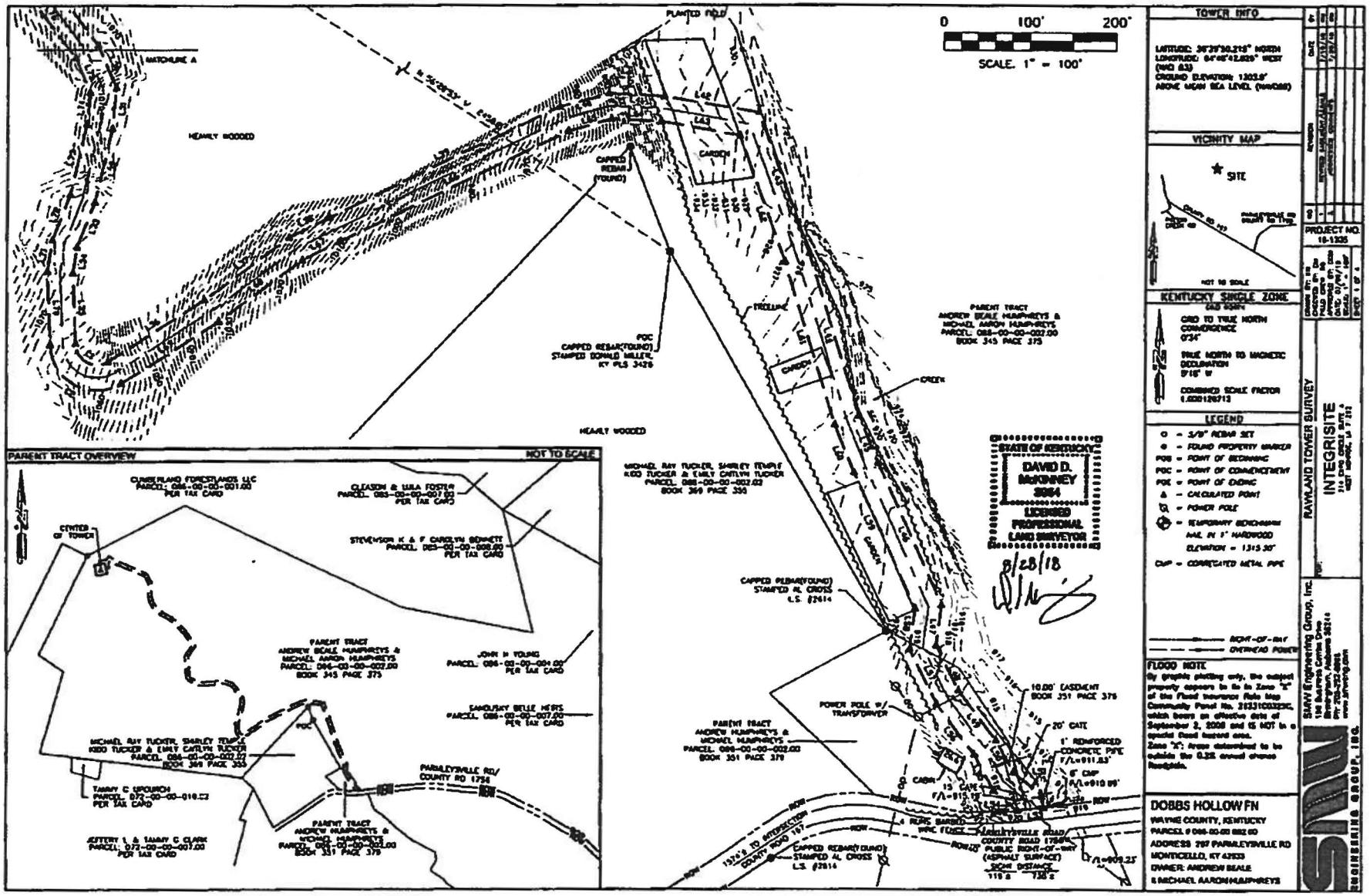
Exception #2
There is hereby excepted and not conveyed a certain tract of land containing [illegible] acres, more or less, conveyed to Sandra E. Miller by Deborah Faye Sharp Baker, single, by deed dated [illegible], and of record in Deed Book [illegible], page [illegible] in the Wayne County Court Clerk's Office and reference is made to said deed for a more complete and accurate description of said exception.
The life estate retained by Ralph Dobbs in Deed Book [illegible] page [illegible] terminated upon the death of Ralph Dobbs, his date of death being May 17, 20[illegible] as certified by the [illegible].

(BOOK 351, PAGE 379)
being a tract or parcel of land lying and being in the Mt. Pisgah Community of Wayne County, Ky., being bounded and described as follows, to wit:
Unless stated otherwise any or monument referred to herein as a rebar and cap is a set 1/2" x 18" rebar with a red plastic cap stamped Al Crow LS #2614. All bearings stated herein are referred to the magnetic meridian as observed June 2, 2011.
Beginning on a rebar and cap set this survey in the Northern right-of-way of Mt. Pisgah-Burnsideville Road (a county road) being 25 feet from centerline said rebar being located South 29 deg. 38 min. 43 sec. East 92.40 feet from the Southwest corner of cabin located on property herein described, also being located South 84 deg. 21 min. 11 sec. West 50.12 feet from the North end of a large metal culvert also being located North 72 deg. 51 min. 55 sec. East 239.54 feet from the parent deed corner. Thence, from the beginning and turning with the Northern right-of-way of Mt. Pisgah-Burnsideville Road, North 84 deg. 21 min. 19 sec. West 87.32 feet to a rebar and cap; North 75 deg. 22 min. 14 sec. West 81.86 feet to a rebar and cap. Thence, leaving said right-of-way, and running new lines severing the property of Deborah Sharp Baker (DB 352 Pg. 197 and Will Book V Pg. 348) the following (5) courses and distances. North 31 deg. 56 min. 00 sec. East 159.00 feet with a fence to a rebar and cap a fence; North 68 deg. 47 min. 08 sec. East 155.45 feet to a rebar and cap with a steel post witness, South 57 deg. 24 min. 49 sec. East 94.74 feet to a rebar and cap near spring; South 26 deg. 56 min. 30 sec. East 103.90 feet to a rebar and cap in fence at base of a large Cedar stump, still a new line South 1 deg. 19 min. 52 sec. East 72.35 feet with fence to the point of beginning. Containing 2.81 Acre as surveyed by Allen F. Crow Jr. LS #2614 on June 2, 2011. Together with and subject to any easements, restrictions and reservations that be of record.
Being the same land conveyed to Tommy E. Smith and his wife, Laura D. Smith and Jack D. Smith by Joyce Kennedy (f/k/a Joyce Sharp), a widow, by deed dated the 18th day of November, 2009 and of record in the office of the Clerk of Wayne County, Kentucky, in Deed Book 335 at page 487, ALSO BEING THE SAME land conveyed to Tommy E. Smith and his wife, Laura D. Smith and Jack D. Smith by Deborah Faye Sharp Baker, single by Deed of Correction dated June 23, 2011 and of record in Deed Book 336 at page 351 in the Clerk's Office aforesaid.

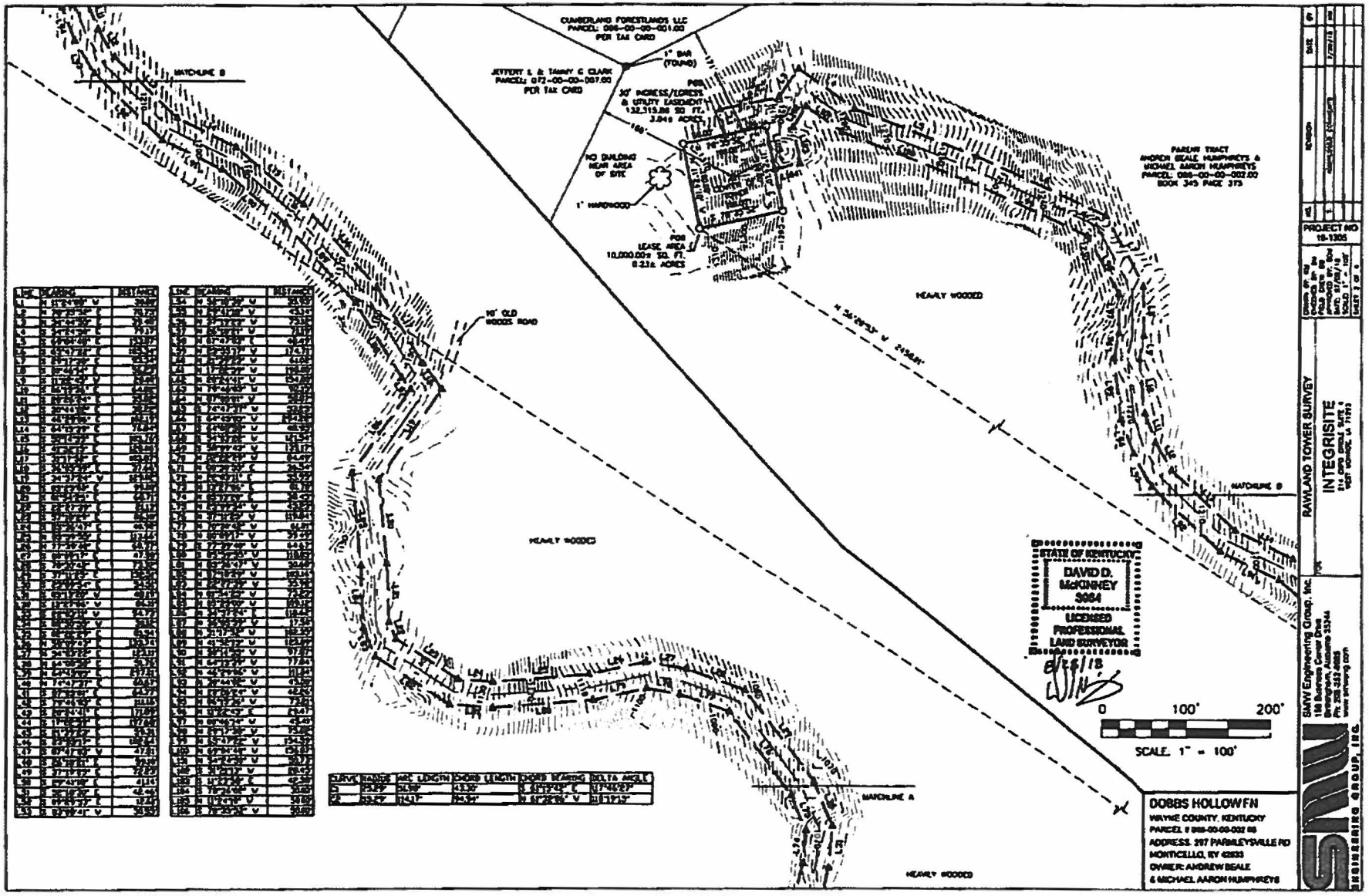
There is also conveyed a 10 foot wide right-of-way easement for the purpose of ingress, egress and regress being 5.0 feet on each side of centerline beginning on a point in the center of existing gravel drive at the right-of-way of Mt. Pisgah-Burnsideville Road, said point being located North 84 deg. 29 min. 28 sec. West 5.20 feet from the beginning corner of the above described tract. Thence, turning with the centerline of said easement North 17 deg. 16 min. 52 sec. West 75.78 feet to a point at the end of easement.

The Premises are described and/or depicted as follows:





AH 8-29-18 MH 8-29-18



AH 8-29-18 MH 8-29-18

PARENT TRACT (FROM TITLE)
(BOOK 345, PAGE 375)
TRACT NO. ONE:
A certain tract or parcel of land lying and being in Wayne County, Kentucky on the waters of the Little South Fork of Cumberland River and bounded and described as follows, to-wit:
BEGINNING on a branch 4 poles above a black walnut, corner to Lot No. 16 of the Emmanuel Sandusky land, running N 34 1/2 E 231 poles to a stake and rock; thence N 18 W 48 1/2 poles to the east end of Big Pilot; thence N 65 W 134 poles with the Christian line to a chestnut oak corner near the top of the ridge; thence S 18 E 72 poles to a rock; thence N 83 W 76 poles to a rock; thence N 70 W 80 poles to a dogwood and black jack and rock near a poplar, Ben Adkins' corner; thence N 58 W 170 poles to Thomas Millsaps' corner, a white oak and poplar; thence S 31 W binding his line 60 poles to William Hurts's corner, a white oak; thence S 35 E binding his line to a double chestnut oak on the top of the ridge; thence N 38 E binding B. Adkins' line 80 poles to his corner a hickory and elm; thence S 20 E 176 poles to a dogwood; thence S 15 W 13 poles to a rock; thence S 28 E 25 poles to the big road; thence N 56 E 47 poles to a rock on a branch, thence meandering the branch to the beginning. Containing 320 acres more or less.

This conveyance is made subject to the interest in and to the oil and gas underlying the above described land as referred to in Deed Book 89, at page 525.
This conveyance is also made subject to a 10 ft. wide right of way easement running to the property of Tommy E. Smith et al in Deed Book 338, page 351 in Wayne County Court Clerk's Office.

TRACT NO. TWO:
The following described real estate lying and being in Wayne County, Kentucky on the waters of Little South Fork and described as follows:
BEGINNING on Ralph Dobbs' corner and Matthew Hurt; thence N 68 W 10 poles to a steel rod; thence N 87 W 123 poles to a steel rod, Matthew Hurt's line; thence N 28 E 47 poles to a steel rod, Matthew Hurt's line; thence N 47 W 17 poles to a steel rod Matthew Hurt's lines thence N 38 E 62 poles to a steel rod Matthew Hurt's line; thence N 32 W 16 poles to a steel rod, Matthew Hurt's corner, Lawrence Barnett's corner and Ralph Dobbs' corner; thence with a line of Ralph Dobbs N 38 E 80 poles to a hickory and Elm, Ralph Dobbs; corner; thence S 20 E 176 poles to the beginning with Ralph Dobbs' line. Containing 83.90 acres more or less.

Tracts One and Two being a part of the same land conveyed to Joyce Kennedy and her husband, Joe Kennedy, Jr., both now deceased by Ralph Dobbs, a single man, by deed dated April 5, 2004, and of record in Deed Book 303, at Page 157 in the Wayne County Court Clerk's Office and also being a part of the same land which the interest of Joe Kennedy, Jr. passed and descended to Joyce Kennedy pursuant to the survivorship clause in the deed aforesaid and also pursuant to the Last Will and Testament of Joe L. Kennedy, Jr. in Will Book S, page 783 of record in the clerk's office aforesaid and also being a part of the same land which was devised to Deborah Faye Sharp Baker pursuant to the terms and provisions of the Last Will and Testament of Joyce Kennedy, said Will is of record in Will Book V, page 348 in the clerk's office aforesaid.

Exception #1:
There is hereby excepted and not conveyed a certain tract of land containing 47.69 acres, more or less, conveyed to Ralph Jones et ux by Joyce Kennedy et al, by deed dated December 20, 2005 and of record in Deed Book 314, page 300 in the Wayne County Court Clerk's Office and reference is made to said deed for a more complete and accurate description of said exception.

Exception #2:
There is hereby excepted and not conveyed a certain tract of land containing 10.00 acres, more or less, conveyed to Sandra E. Miller by Deborah Faye Sharp Baker, single, by deed dated June 28, 2011 and of record in Deed Book 343, page 160 in the Wayne County Court Clerk's Office and reference is made to said deed for a more complete and accurate description of said exception.
The life estate retained by Ralph Dobbs in Deed Book 303, page 157 terminated upon the death of Ralph Dobbs, his date of death being May 17, 2007 as certified by the grantor.

(BOOK 351, PAGE 379)
Being a tract or parcel of land lying and being in the Mt. Pisgah Community of Wayne County, Ky., being bounded and described as follows, to wit:
Unless stated otherwise any monument referred to herein as a rebar and cap is a set 1/2" x 18" rebar with a red plastic cap stamped Al Cross L.S. #2614. All bearings stated herein are referred to the magnetic meridian as observed June 2, 2010.
Beginning on a rebar and cap set this survey in the Northern right-of-way of Mt. Pisgah-Parmleysville Road (a county road) being 25 feet from centerline, said rebar being located South 59 deg. 36 min. 43 sec. East 92.40 feet from the Southwest corner of cabin located on property herein described, also being located South 84 deg. 31 min. 11 sec. West 50.12 feet from the North end of a large metal culvert, also being located North 72 deg. 51 min. 55 sec. East 739.54 feet from the parent deed corner. Thence, from the beginning and running with the Northern right-of-way of the Mt. Pisgah-Parmleysville Road, North 85 deg. 22 min. 29 sec. West 97.97 feet to a rebar and cap, North 73 deg. 02 min. 14 sec. West 87.06 feet to a rebar and cap. Thence, leaving said right-of-way and running new lines severing the property of Deborah Sharp Baker (DB. 303 Pg. 157 and Will Book V Pg. 348) the following (5) courses and distances, North 41 deg. 58 min. 00 sec. West 139.00 feet with a fence to a rebar and cap in fence, North 66 deg. 47 min. 08 sec. East 135.45 feet to a rebar and cap with a steel post witness, South 57 deg. 24 min. 40 sec. East 94.74 feet to a rebar and cap near spring, South 28 deg. 58 min. 30 sec. East 103.90 feet to a rebar and cap in fence at base of a large Cedar stump, still a new line South 11 deg 18 min. 52 sec. East 72.35 feet with fence to the point of beginning. Containing 0.81 Acre as surveyed by Allen R. Cross Ky. L.S. #2614 on June 2, 2010. Together with and subject to any easements, restrictions and reservations that be of record.
Being the same land conveyed to Tommy E. Smith and his wife, Laura D. Smith and Josh D. Smith by Joyce Kennedy (f/k/a Joyce Sharp), a widow, by deed dated the 18th day of November, 2009 and of record in the office of the Clerk of Wayne County, Kentucky in Deed Book 335, at page 481; ALSO BEING THE SAME land conveyed to Tommy E. Smith and his wife, Laura D. Smith and Josh D. Smith by Deborah Faye Sharp Baker, single by Deed of Correction dated June 23, 2010 and of record in Deed Book 338 at page 351 in the Clerk's Office aforesaid

There is also conveyed a 10 feet wide right-of-way easement for the purpose of engress, egress and regress being 5.00 feet on each side of centerline. Beginning at a point in the center of existing gravel drive at the right-of-way of Mt. Pisgah-Parmleysville Road, said point being located North 85 deg. 22 min. 29 sec. West 5.20 feet from the beginning corner in the above described tract. Thence, running with the centerline of said easement North 11 deg 18 min. 52 sec. West 73.78 feet to a point at the end of easement.

100' x 100' LEASE AREA (AS-SURVEYED)

A portion of the Andrew Beale Humphreys & Michael Aaron Humphreys tract described in Book 345 Page 375 and Book 351 Page 379 as recorded in the Office of County Clerk for Wayne County, Kentucky, and being more particularly described as follows:
Commencing at a capped rebar stamped Donald Miller, KY PLS 3428 found marking the east line of the Tucker tract described in Book 369 Page 355 and the west line of said Humphreys tract having NAD '83 Kentucky Single Zone State Plane Coordinates of Northing: 3401165.20, Easting: 5188444.61; thence run N 56°20'53" W for a distance of 2450.01 feet to a set 5/8" rebar and the Point of Beginning; thence run N 11°24'10" W for a distance of 100.00 feet to a set 5/8" rebar; thence run N 78°35'52" E for a distance of 100.00 feet to a set 5/8" rebar; thence run S 11°24'10" E for a distance of 100.00 feet to a set 5/8" rebar; thence run S 78°35'52" W for a distance of 100.00 feet to the Point of Beginning. Said Lease area contains 10,000.00 square feet, or 0.23 acres, more or less.

30' INGRESS/EGRESS & UTILITY EASEMENT A (AS-SURVEYED)

An easement being a portion of the Andrew Beale Humphreys & Michael Aaron Humphreys tract described in Book 345 Page 375 and Book 351 Page 379 as recorded in the Office of County Clerk for Wayne County, Kentucky, and being more particularly described as follows:
Commencing at a capped rebar stamped Donald Miller, KY PLS 3428 found marking the east line of the Tucker tract described in Book 368 Page 355 and the west line of said Humphreys tract having NAD '83 Kentucky Single Zone State Plane Coordinates of Northing: 3401165.20, Easting: 5188444.61; thence run N 56°23'53" W for a distance of 2450.01 feet to a set 5/8" rebar; thence run N 11°24'10" W for a distance of 100.00 feet to a set 5/8" rebar; thence run N 78°35'52" E for a distance of 50.00 feet to the Point of Beginning of a 30' Ingress/Egress & Utility Easement; thence run N 11°24'08" W for a distance of 30.00 feet to a point; thence run N 78°35'52" E for a distance of 70.75 feet to a point; thence run N 34°44'55" E for a distance of 39.40 feet to a point; thence run S 34°24'50" E for a distance of 79.17 feet to a point, thence run S 08°04'48" E for a distance of 133.07 feet to a point; thence run S 65°47'22" E for a distance of 165.34 feet to a point; thence run S 29°17'38" E for a distance of 93.34 feet to a point; thence run S 00°46'14" E for a distance of 54.23 feet to a point; thence run S 11°22'45" W for a distance of 28.00 feet to a point; thence run S 06°15'36" E for a distance of 64.82 feet to a point; thence run S 20°28'24" E for a distance of 33.82 feet to a point; thence run S 30°44'32" E for a distance of 38.22 feet to a point; thence run S 46°28'08" E for a distance of 102.18 feet to a point; thence run S 64°15'30" E for a distance of 76.84 feet to a point; thence run S 50°14'35" E for a distance of 103.78 feet to a point; thence run S 41°32'15" E for a distance of 128.06 feet to a point; thence run S 31°17'32" E for a distance of 103.87 feet to a point; thence run S 36°05'39" E for a distance of 37.60 feet to a point, thence run S 34°57'24" W for a distance of 120.02 feet to a point; thence run S 03°25'00" E for a distance of 99.00 feet to a point; thence run S 01°34'25" E for a distance of 88.71 feet to a point, thence run S 22°21'39" E for a distance of 21.43 feet to a point, thence run S 57°18'29" E for a distance of 86.18 feet to a point; thence run S 65°36'47" E for a distance of 40.92 feet to a point; thence run N 85°50'36" E for a distance of 113.86 feet to a point; thence run N 77°30'40" E for a distance of 68.37 feet to a point; thence run S 00°09'17" E for a distance of 47.80 feet to a point; thence run S 70°30'42" E for a distance of 73.32 feet to a point; thence run S 37°11'25" E for a distance of 132.91 feet to a point; thence run S 25°09'34" E for a distance of 54.31 feet to a point; thence run S 05°13'20" W for a distance of 48.19 feet to a point; thence run S 13°27'06" W for a distance of 88.11 feet to a point; thence run S 22°03'11" W for a distance of 54.73 feet to a point; thence run S 08°30'30" W for a distance of 30.12 feet to a point; thence run S 02°22'28" E for a distance of 81.34 feet to a point; the beginning of an arc turning to the left having a radius of 25.29 feet, a chord bearing and distance of S 81°15'43" E for 43.30 feet; thence run along said arc for 51.88 feet; thence run N 58°08'43" E for a distance of 133.74 feet to a point; thence run N 54°05'22" E for a distance of 123.13 feet to a point; thence run N 84°08'38" E for a distance of 51.76 feet to a point, thence run N 64°43'03" E for a distance of 287.01 feet to a point; thence run N 74°47'37" E for a distance of 60.67 feet to a point; thence run S 87°05'01" E for a distance of 84.77 feet to a point; thence run S 78°46'03" E for a distance of 111.18 feet to a point; thence run S 20°24'41" E for a distance of 174.88 feet to a point; thence run S 17°22'38" E for a distance of 197.88 feet to a point; thence run S 21°38'23" E for a distance of 58.31 feet to a point; thence run S 23°35'17" E for a distance of 182.04 feet to a point; thence run S 07°47'03" W for a distance of 47.81 feet to a point; thence run S 28°18'21" E for a distance of 58.10 feet to a point; thence run S 37°19'25" E for a distance of 72.23 feet to a point; thence run S 29°41'18" E for a distance of 41.14 feet to a point; thence run S 52°18'30" E for a distance of 42.49 feet to a point; thence run S 09°29'53" E for a distance of 12.61 feet to a point on the Northerly right-of-way of Parmleysville Road or County Road 1754; thence run S 85°08'41" W along said right-of-way for a distance of 30.35 feet to a point; thence leaving said right-of-way run N 52°18'30" W for a distance of 35.83 feet to a point; thence run N 29°41'18" W for a distance of 45.14 feet to a point, thence run N 37°19'25" W for a distance of 73.12 feet to a point; thence run N 28°18'21" W for a distance of 71.11 feet to a point; thence run N 07°47'03" E for a distance of 48.49 feet to a point; thence run N 23°35'17" W for a distance of 174.71 feet to a point; thence run N 21°38'23" W for a distance of 61.02 feet to a point; thence run N 17°22'38" W for a distance of 198.00 feet to a point; thence run N 20°24'41" W for a distance of 154.00 feet to a point; thence run N 78°46'03" W for a distance of 92.15 feet to a point; thence run N 87°05'01" W for a distance of 58.07 feet to a point; thence run S 74°47'37" W for a distance of 53.25 feet to a point; thence run S 64°43'03" W for a distance of 294.22 feet to a point; thence run S 84°08'38" W for a distance of 48.93 feet to a point; thence run S 54°05'22" W for a distance of 121.54 feet to a point; thence run S 58°08'43" W for a distance of 139.17 feet to a point; thence with a curve turning to the right having a radius of 55.29 feet, a chord bearing and distance of N 81°32'08" W for 94.94 feet; thence run along said arc for 114.17 feet, thence run N 02°22'29" W for a distance of 84.49 feet to a point, thence run N 08°53'35" E for a distance of 36.54 feet to a point, thence run N 22°03'11" E for a distance of 55.85 feet to a point; thence run N 13°27'06" E for a distance of 81.70 feet to a point; thence run N 05°13'20" E for a distance of 38.43 feet to a point; thence run N 25°09'34" W for a distance of 43.23 feet to a point; thence run N 37°11'25" W for a distance of 119.84 feet to a point; thence run N 70°30'42" W for a distance of 81.81 feet to a point; thence run N 00°09'17" W for a distance of 30.48 feet to a point; thence run S 77°30'40" W for a distance of 64.67 feet to a point; thence run S 85°50'36" W for a distance of 118.05 feet to a point; thence run N 65°36'47" W for a distance of 30.08 feet to a point; thence run N 57°18'29" W for a distance of 103.18 feet to a point; thence run N 22°21'39" W for a distance of 35.98 feet to a point; thence run N 01°34'25" W for a distance of 73.23 feet to a point; thence run N 03°25'00" W for a distance of 108.17 feet to a point; thence run N 34°57'24" E for a distance of 110.82 feet to a point, thence run N 36°05'39" W for a distance of 17.30 feet to a point, thence run N 31°17'32" W for a distance of 102.35 feet to a point; thence run N 41°32'15" W for a distance of 133.08 feet to a point; thence run N 50°14'35" W for a distance of 87.87 feet to a point; thence run N 64°15'30" W for a distance of 77.84 feet to a point; thence run N 46°28'08" W for a distance of 111.04 feet to a point; thence run N 30°44'03" W for a distance of 43.05 feet to a point; thence run N 20°28'24" W for a distance of 42.28 feet to a point; thence run N 06°15'36" W for a distance of 73.21 feet to a point; thence run N 11°22'45" E for a distance of 29.47 feet to a point; thence run N 00°46'14" W for a distance of 43.41 feet to a point, thence run N 29°17'38" W for a distance of 75.82 feet to a point; thence run N 65°47'22" W for a distance of 134.30 feet to a point; thence run N 08°04'48" W for a distance of 136.07 feet to a point; thence run N 34°24'50" W for a distance of 50.73 feet to a point; thence run S 31°21'13" W for a distance of 28.43 feet to a point; thence run S 11°25'58" E for a distance of 42.38 feet to a point, thence run S 78°34'02" W for a distance of 33.00 feet to a point; thence run N 11°24'10" W for a distance of 50.00 feet to a point; thence run S 78°35'52" W for a distance of 30.00 feet to the Point of Beginning. Said easement contains 132,315.80 square feet, or 3.04 acres, more or less.

8/28/18

STATE OF KENTUCKY
DAVID D. McKINNEY
3864
LICENSED PROFESSIONAL LAND SURVEYOR

DOBBS HOLLOW FN
WAYNE COUNTY KENTUCKY
PARCEL # 088-00-00-002.00
ADDRESS: 207 PARMLEYSVILLE RD
MONTICELLO, KY 42633
OWNER: ANDREW BEALE & MICHAEL AARON HUMPHREYS

SMW ENGINEERING GROUP, INC.

SMW Engineering Group, Inc.
158 Business Center Drive
Birmingham, Alabama 35244
Ph: 205-252-6985
www.smweng.com

RAWLAND TOWER SURVEY
INTEGRISITE
211 Rapid Circle Suite ?
West Monroe, LA 71292

PROJECT NO. 18-1305
SHEET 3 OF 4

AH 8-29-18 MH 8-29-18

PLOTTABLE EXCEPTIONS

U.S. TITLE SOLUTIONS
U.S TITLE SOLUTIONS FILE NO. 59027-KY1801-5030
Date Of Report January 11, 2018
Schedule B

Exception No.	Instrument	Comment
1-4	N/A	Standard exceptions. Contains no survey matters
Judgements, Liens and UCC		
5		None within period searched
Covenants/Restrictions		
6		None within period searched
Easements & Rights-of-Way	**Instrument**	**Comment**
7	Book 127 Page 163	Does affect Parent Tract, lease area & easements, is blanket in nature and not shown hereon.
Other Filed Documents	**Instrument**	**Comment**
8	Book P Page 490	Not a survey matter
9	Book B Page 607	Not a survey matter.
10	Book 287 Page 676	Not a survey matter.
11	Book S Page 763	Not a survey matter.
12	Book V Page 348	Not a survey matter

SURVEYOR'S NOTES

1. This is a Rawland Tower Survey, made on the ground under the supervision of a Kentucky Registered Land Surveyor. Date of field survey is June 8, 2018.
2. The following surveying instruments were used at time of field visit: Nikon NPL-352, Total Station, Reflectorless and Hiper + Legacy E RTK, CD 1HZ.
3. Bearings are based on Kentucky Single Zone State Plane Coordinates NAD 83 by GPS observation.
4. No underground utilities, underground encroachments or building foundations were measured or located as a part of this survey, unless otherwise shown. Trees and shrubs not located, unless otherwise shown.
5. Benchmark used is a GPS Continuously Operating Reference Station, PID DL6173. Onsite benchmark is as shown hereon. Elevations shown are in feet and refer to NAVD 88.
6. This survey was conducted for the purpose of a Rawland Tower Survey only, and is not intended to delineate the regulatory jurisdiction of any federal, state, regional or local agency, board, commission or other similar entity.
7. Attention is directed to the fact that this survey may have been reduced or enlarged in size due to reproduction. This should be taken into consideration when obtaining scaled data.
8. This Survey was conducted with the benefit of an Abstract Title Search.
9. This survey meets or exceeds the Minimum Standards of Practice as required by the State of Kentucky for a Class A survey as defined by 201 KAR 18:150
10. Field data upon which this map or plat is based has a closure precision of not less than one-foot in 15,000 feet (1' 15,000') and an angular error that does not exceed 10 seconds times the square root of the number of angles turned. Field traverse was not adjusted
11. This survey is not valid without the original signature and the original seal of a state licensed surveyor and mapper.
12. This survey does not constitute a boundary survey of the Parent Tract. Any parent tract property lines shown hereon are from supplied information and may not be field verified.
13. The Lease Area, and Access and Utility Easement shown hereon was provided by INTEGRISITE dated May 1, 2018 in direct correlation with existing monuments and physical evidence found through inspection and may not depict actual rights of occupancy.
14. No zoning provided.

SURVEYOR'S CERTIFICATION

I certify that all parts of this survey and drawing have been completed in accordance with the current requirements of the Standards of Practice for Surveying in the State of Kentucky to the best of my knowledge, information, and belief.

David D. McKinney
Kentucky License No. 3984

STATE OF KENTUCKY
DAVID D. McKINNEY
3984
LICENSED PROFESSIONAL LAND SURVEYOR
8/28/18

DOBBS HOLLOW FN
WAYNE COUNTY, KENTUCKY
PARCEL # 088-00-00-002.00
ADDRESS: 297 PARMLEYSVILLE RD
MONTICELLO, KY 42633
OWNER: ANDREW BEALE
& MICHAEL AARON HUMPHREYS

SMW ENGINEERING GROUP, INC.

SMW Engineering Group, Inc.
158 Business Center Drive
Birmingham, Alabama 35244
PH: 205-252-6985
www.smweng.com

RAWLAND TOWER SURVEY

INTEGRISITE
2 S ... SUITE ...
WEST MONROE, LA ...

PROJECT NO.
18-1305

SHEET 4 OF 4

AH 8-29-18 MH 8-29-18

EXHIBIT 11

ENVIRONMENTAL DISCLOSURE

Landlord represents and warrants that the Property, as of the date of this Agreement, is free of hazardous substances except as follows:

1. NONE.

[Landlord Letterhead]

DATE

Building Staff / Security Staff
Landlord, Lessee, Licensee
Street Address
City, State, Zip

Re: Authorized Access granted to AT&T

Dear Building and Security Staff,

Please be advised that we have signed a lease with AT&T permitting AT&T to install, operate and maintain telecommunications equipment at the property. The terms of the lease grant AT&T and its representatives, employees, agents and subcontractors ("representatives") 24 hour per day, 7 day per week access to the leased area.

To avoid impact on telephone service during the day, AT&T representatives may be seeking access to the property outside of normal business hours. AT&T representatives have been instructed to keep noise levels at a minimum during their visit.

Please grant the bearer of a copy of this letter access to the property and to leased area. Thank you for your assistance.

Landlord Signature

Landlord Signature

EXHIBIT J
NOTIFICATION LISTING

Dobbs Hollow FN – Notice List

Cumberland Forestlands LLC
19045 Stone Mountain Rd
Abingdon, VA 24210

Humphreys Andrew Beale & Humphreys Michael Aaron
163 Lakewood Dr
Monticello, KY 42633

Tucker Michael Ray Etal
437 Hwy 1808
Monticello, KY 42633

Clark Jeffrey L & Tammy G
14863 Hwy 167
Monticello, KY 42633

Upchurch Tammy G
14863 Hwy 167
Monticello, KY 42633

Hardwick Kyle & Jessica
8662 Hwy 167
Monticello, KY 42633

Dishman Timmie L Jr & Tilly J
663 Beech Grove Rd
Shepherdsville, KY 42633

Jones Ralph W
15713 Hwy 167
Monticello, KY 42633

Foster Gleason & Lula and Claude Foster
2288 Baldy Rd
Monticello, KY 42633

Bennett Stevenson K & F Carolyn
635 Angel Crossing Rd
Monticello, KY 42633

Young John H Jr c/o F Carolyn Bennett
635 Angel Crossing Rd
Monticello, KY 42633

New Billy K & Tishanna
814 Parmleysville Rd
Monticello, KY 42633

New Matthew
177 Green Acres Dr
Monticello, KY 42633

Sandusky Belle – Heirs – c/o Orvil Renner Jr
190 Perciful St
Mt Vernon, KY 40456

Hatfield-Jeffers Rhonda and Hatfield Tammy & David
1654 Hwy 789
Monticello, KY 42633

EXHIBIT K
COPY OF PROPERTY OWNER NOTIFICATION

PIKE LEGAL

1578 Highway 44 East, Suite 6
P.O. Box 369
Shepherdsville, KY 40165-0369
Phone (502) 955-4400 or (800) 516-4293
Fax (502) 543-4410 or (800) 541-4410

Notice of Proposed Construction of Wireless Communications Facility Site Name: Dobbs Hollow FN

Dear Landowner:

New Cingular Wireless PCS, LLC, a Delaware Limited Liability Company, d/b/a AT&T Mobility has filed an application with the Kentucky Public Service Commission ("PSC") to construct a new wireless communications facility on a site located at 297 Parmleysville Road, Monticello, Kentucky 42633 (36°39'50.215" North latitude, 84°48'42.829" West longitude). The proposed facility will include a 195-foot tall antenna tower, plus a 4-foot lightning arrestor and related ground facilities. This facility is needed to provide improved coverage for wireless communications in the area.

This notice is being sent to you because the County Property Valuation Administrator's records indicate that you may own property that is within a 500' radius of the proposed tower site or contiguous to the property on which the tower is to be constructed. You have a right to submit testimony to the Kentucky Public Service Commission ("PSC"), either in writing or to request intervention in the PSC's proceedings on the application. You may contact the PSC for additional information concerning this matter at: Kentucky Public Service Commission, Executive Director, 211 Sower Boulevard, P.O. Box 615, Frankfort, Kentucky 40602. Please refer to docket number 2018-00388 in any correspondence sent in connection with this matter.

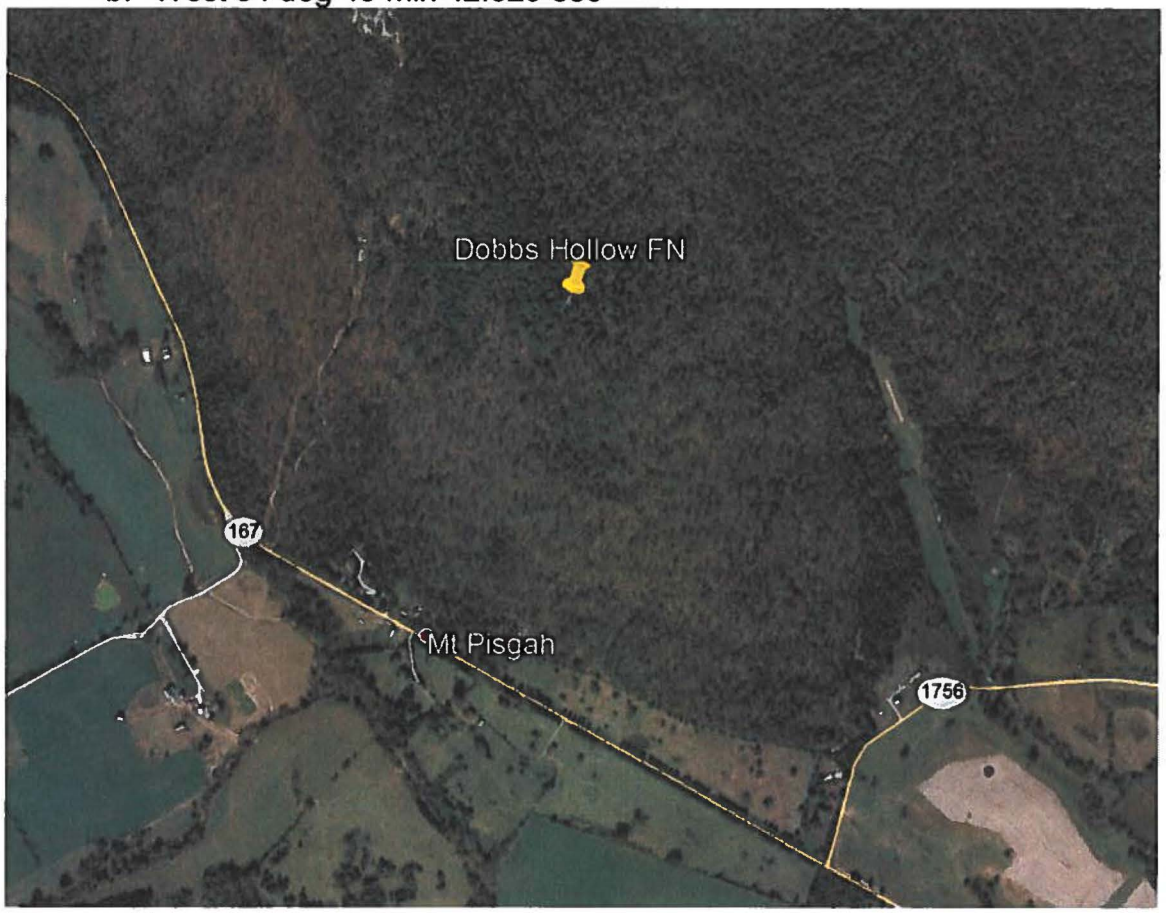
We have attached a map showing the site location for the proposed tower. Applicant's radio frequency engineers assisted in selecting the proposed site for the facility, and they have determined it is the proper location and elevation needed to provide quality service to wireless customers in the area. Please feel free to contact us toll free at (800) 516-4293 if you have any comments or questions about this proposal.

Sincerely,
David A. Pike
Attorney for Applicant

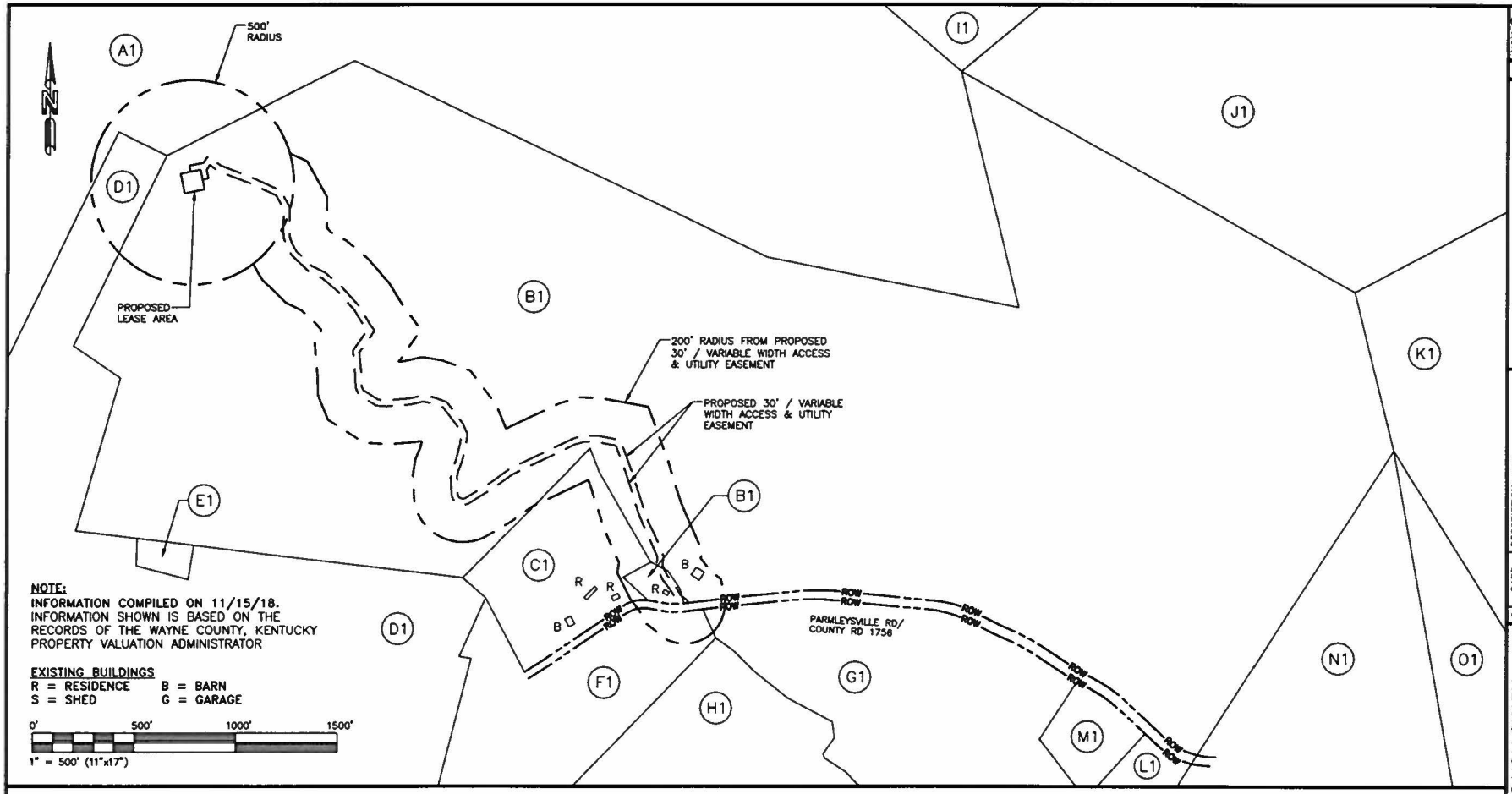
enclosure

Driving Directions to Proposed Tower Site

1. Beginning at 55 North Main Street in Monticello, KY, head southwest on Main Street (towards Columbia Avenue) and travel approximately 203 feet.
2. Continue straight onto KY-167 S / S. Main Street and travel approximately 0.4 miles.
3. Keep left to continue on KY-167 S / S. Main Street and travel approximately 6.0 miles.
4. Turn right to stay on KY-167 S and travel approximately 9.4 miles.
5. Turn left onto State Highway 1756 / Parmleysville Road and travel approximately 0.4 miles.
6. The site is on the left at 297 Parmleysville Road, Monticello, KY. The site coordinates are:
    a. North 36 deg 39 min 50.215 sec
    b. West 84 deg 48 min 42.829 sec



Prepared by:
Aaron Roof
Pike Legal Group PLLC
1578 Highway 44 East, Suite 6
P.O. Box 369
Shepherdsville, KY 40165-3069
Telephone: 502-955-4400 or 800-516-4293



(A1) PARCEL ID: 086-00-00-001.00
CUMBERLAND FORESTLANDS LLC
19045 STONE MOUNTAIN RD
ABINGDON, VA 24210

(B1) PARCEL ID: 086-00-00-002.00
HUMPHREYS ANDREW BEALE &
HUMPHREYS MICHAEL AARON
163 LAKEWOOD DR
MONTICELLO, KY 42633

(C1) PARCEL ID: 086-00-00-002.02
TUCKER MICHAEL RAY ETAL
437 HWY 1808
MONTICELLO, KY 42633

(D1) PARCEL ID: 072-00-00-007.00
CLARK JEFFREY L & TAMMY G
14863 HWY 167
MONTICELLO, KY 42633

(E1) PARCEL ID: 072-00-00-016.02
UPCHURCH TAMMY G
14863 HWY 167
MONTICELLO, KY 42633

(F1) PARCEL ID: 086-00-00-006.05
HARDWICK, KYLE & JESSICA
8662 HWY 167
MONTICELLO, KY 42633

(G1) PARCEL ID: 086-00-00-006.04
DISHMAN, TIMMIE L JR & TILLY J
663 BEECH GROVE RD
SHEPHERDSVILLE, KY 42633

(H1) PARCEL ID: 086-00-00-006.00
JONES, RALPH W
15713 HWY 167
MONTICELLO, KY 42633

(I1) PARCEL ID: 085-00-00-007.00
FOSTER GLEASON & LULA
AND CLAUDE FOSTER
2288 BALDY RD
MONTICELLO, KY 42633

(J1) PARCEL ID: 085-00-00-008.00
BENNETT STEVENSON K & F CAROLYN
635 ANGEL CROSSING RD
MONTICELLO, KY 42633

(K1) PARCEL ID: 086-00-00-004.00
YOUNG JOHN H JR
C/O F CAROLYN BENNETT
635 ANGEL CROSSING RD
MONTICELLO, KY 42633

(L1) PARCEL ID: 086-00-00-006.02
NEW BILLY K & TISHANNA
814 PARMLEYSVILLE RD
MONTICELLO, KY 42633

(M1) PARCEL ID: 086-00-00-006.03
NEW MATTHEW
177 GREEN ACRES DR
MONTICELLO, KY 42633

(N1) PARCEL ID: 086-00-00-007.00
SANDUSKY BELLE -HEIRS-
C/O ORVIL RENNER JR
190 PERCIFUL ST
MT VERNON, KY 40456

(O1) PARCEL ID: 086-00-00-008.00
HATFIELD-JEFFERS RHONDA AND
HATFIELD TAMMY & DAVID
1654 HWY 789
MONTICELLO, KY 42633

SMW

SMW #: 18-1305

at&t

#	DATE	DESCRIPTION
0	11/15/18	ISSUED FOR CLIENT REV.
1	11/26/18	REISSUED FOR CLIENT REV.
2	11/29/18	ISSUED FOR CONSTRUCTION

DOBBS HOLLOW FN

500' RADIUS AND ABUTTERS MAP

DESIGNED: JDS
DRAWN: BMD
CHECKED: RTB

JOB #: 14397265

B-2

EXHIBIT L
COPY OF COUNTY JUDGE/EXECUTIVE NOTICE

PIKE LEGAL

1578 Highway 44 East, Suite 6
P.O. Box 369
Shepherdsville, KY 40165-0369
Phone (502) 955-4400 or (800) 516-4293
Fax (502) 543-4410 or (800) 541-4410

VIA CERTIFIED MAIL

Hon. Michael Anderson
County Judge Executive
55 N. Main Street, Suite 103
P.O. Box 439
Monticello, KY 42633

RE: Notice of Proposal to Construct Wireless Communications Facility
Kentucky Public Service Commission Docket No. 2018-00388
Site Name: Dobbs Hollow FN

Dear Judge/Executive:

New Cingular Wireless PCS, LLC, a Delaware Limited Liability Company, d/b/a AT&T Mobility has filed an application with the Kentucky Public Service Commission ("PSC") to construct a new wireless communications facility on a site located at 297 Parmleysville Road, Monticello, Kentucky 42633 (36°39'50.215" North latitude, 84°48'42.829" West longitude). The proposed facility will include a 195-foot tall antenna tower, plus a 4-foot lightning arrestor and related ground facilities. This facility is needed to provide improved coverage for wireless communications in the area.

You have a right to submit comments to the PSC or to request intervention in the PSC's proceedings on the application. You may contact the PSC at: Executive Director, Public Service Commission, 211 Sower Boulevard, P.O. Box 615, Frankfort, Kentucky 40602. Please refer to docket number 2018-00388 in any correspondence sent in connection with this matter.

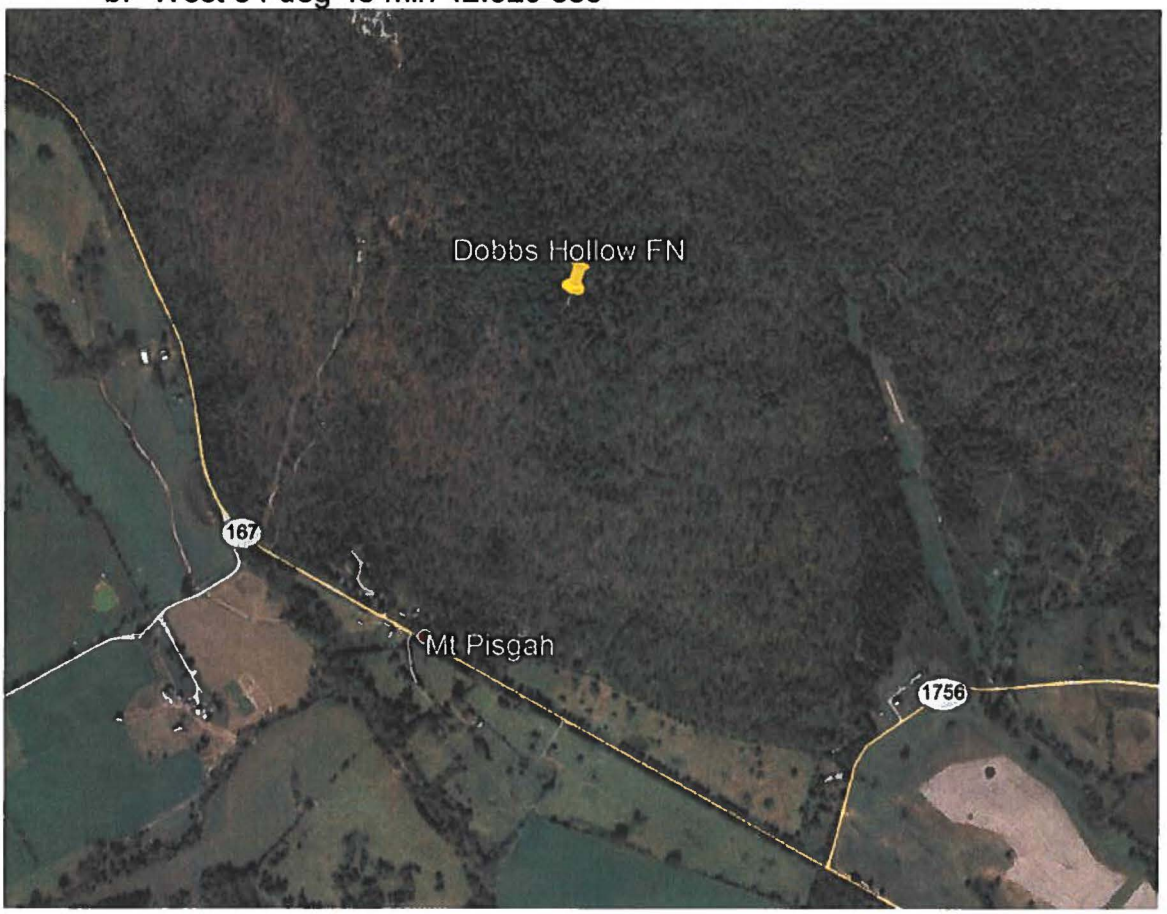
We have attached a map showing the site location for the proposed tower. AT&T Mobility's radio frequency engineers assisted in selecting the proposed site for the facility, and they have determined it is the proper location and elevation needed to provide quality service to wireless customers in the area. Please feel free to contact us with any comments or questions you may have.

Sincerely,
David A. Pike
Attorney for Applicant

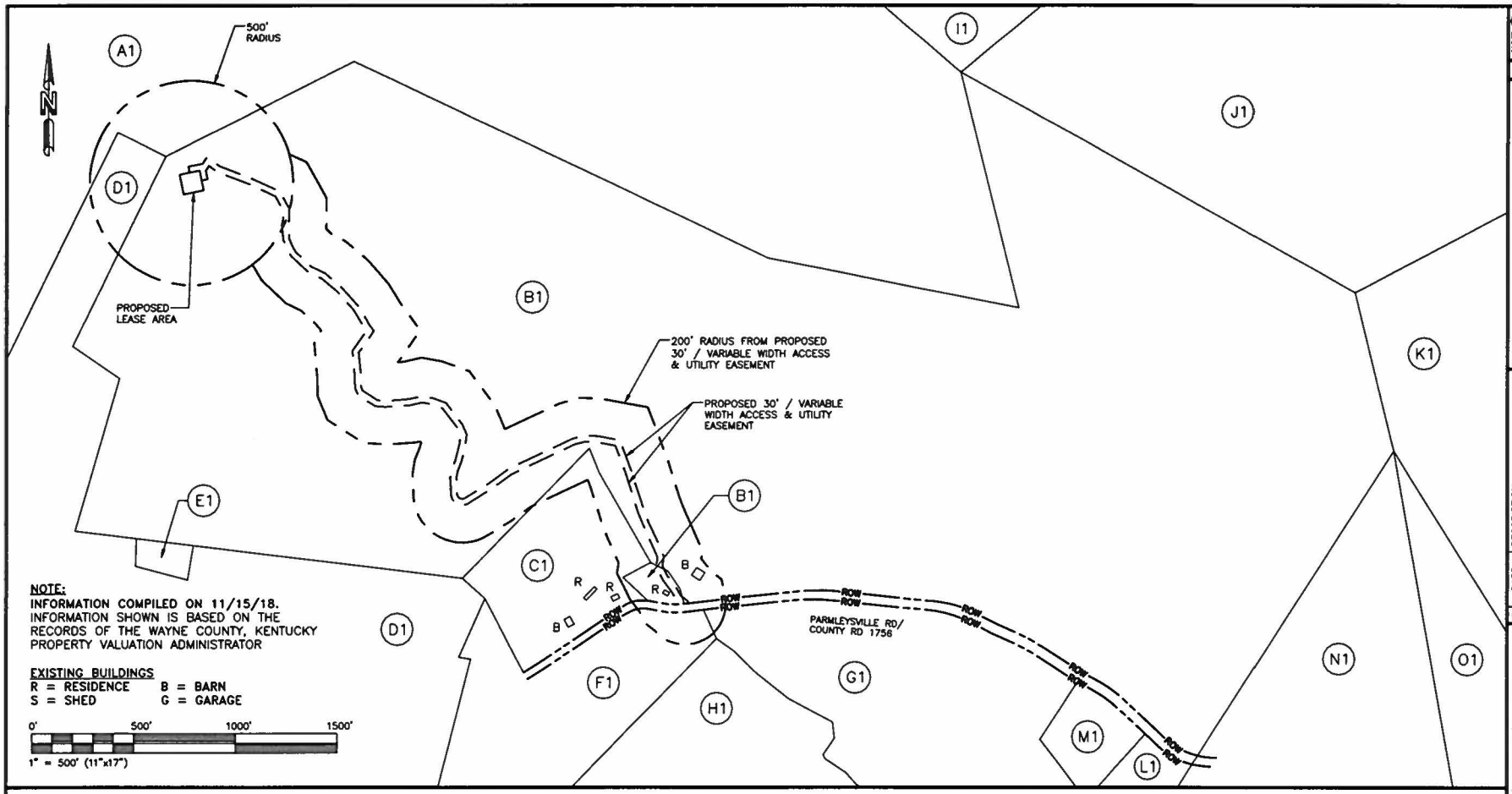
enclosures

Driving Directions to Proposed Tower Site

1. Beginning at 55 North Main Street in Monticello, KY, head southwest on Main Street (towards Columbia Avenue) and travel approximately 203 feet.
2. Continue straight onto KY-167 S / S. Main Street and travel approximately 0.4 miles.
3. Keep left to continue on KY-167 S / S. Main Street and travel approximately 6.0 miles.
4. Turn right to stay on KY-167 S and travel approximately 9.4 miles.
5. Turn left onto State Highway 1756 / Parmleysville Road and travel approximately 0.4 miles.
6. The site is on the left at 297 Parmleysville Road, Monticello, KY. The site coordinates are:
    a. North 36 deg 39 min 50.215 sec
    b. West 84 deg 48 min 42.829 sec



Prepared by:
Aaron Roof
Pike Legal Group PLLC
1578 Highway 44 East, Suite 6
P.O. Box 369
Shepherdsville, KY 40165-3069
Telephone: 502-955-4400 or 800-516-4293



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(C1) PARCEL ID: 086-00-00-002.02
TUCKER MICHAEL RAY ETAL
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UPCHURCH TAMMY G
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HARDWICK, KYLE & JESSICA
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DISHMAN, TIMMIE L JR & TILLY J
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HATFIELD-JEFFERS RHONDA AND
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1654 HWY 789
MONTICELLO, KY 42633

SMW #: 18-1305

at&t

#	DATE	DESCRIPTION:
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2	11/29/18	ISSUED FOR CONSTRUCTION

DOBBS HOLLOW FN

500' RADIUS AND ABUTTERS MAP

DESIGNED: JDS
DRAWN: BMD
CHECKED: RTB

JOB #: 14397265

B-2

EXHIBIT M
COPY OF POSTED NOTICES
AND NEWSPAPER NOTICE ADVERTISEMENT

SITE NAME: DOBBS HOLLOW FN
NOTICE SIGNS

The signs are at least (2) feet by four (4) feet in size, of durable material, with the text printed in black letters at least one (1) inch in height against a white background, except for the word "**tower**," which is at least four (4) inches in height.

New Cingular Wireless PCS, LLC, a Delaware limited liability company, d/b/a AT&T Mobility proposes to construct a telecommunications **tower** on this site. If you have questions, please contact Pike Legal Group, PLLC, P.O. Box 369, Shepherdsville, KY 40165; telephone: (800) 516-4293, or the Executive Director, Public Service Commission, 211 Sower Boulevard, PO Box 615, Frankfort, Kentucky 40602. Please refer to docket number 2018-00388 in your correspondence.

New Cingular Wireless PCS, LLC, a Delaware limited liability company, d/b/a AT&T Mobility proposes to construct a telecommunications **tower** near this site. If you have questions, please contact Pike Legal Group, PLLC, P.O. Box 369, Shepherdsville, KY 40165; telephone: (800) 516-4293, or the Executive Director, Public Service Commission, 211 Sower Boulevard, PO Box 615, Frankfort, Kentucky 40602. Please refer to docket number 2018-00388 in your correspondence.

VIA TELEPHONE: 606-348-3338

Wayne County Outlook
45 East Columbia Avenue
Monticello, KY 42633

RE: Legal Notice Advertisement
Site Name: Dobbs Hollow FN

Dear Wayne County Outlook:

Please publish the following legal notice advertisement in the next edition of *The Wayne County Outlook*:

NOTICE

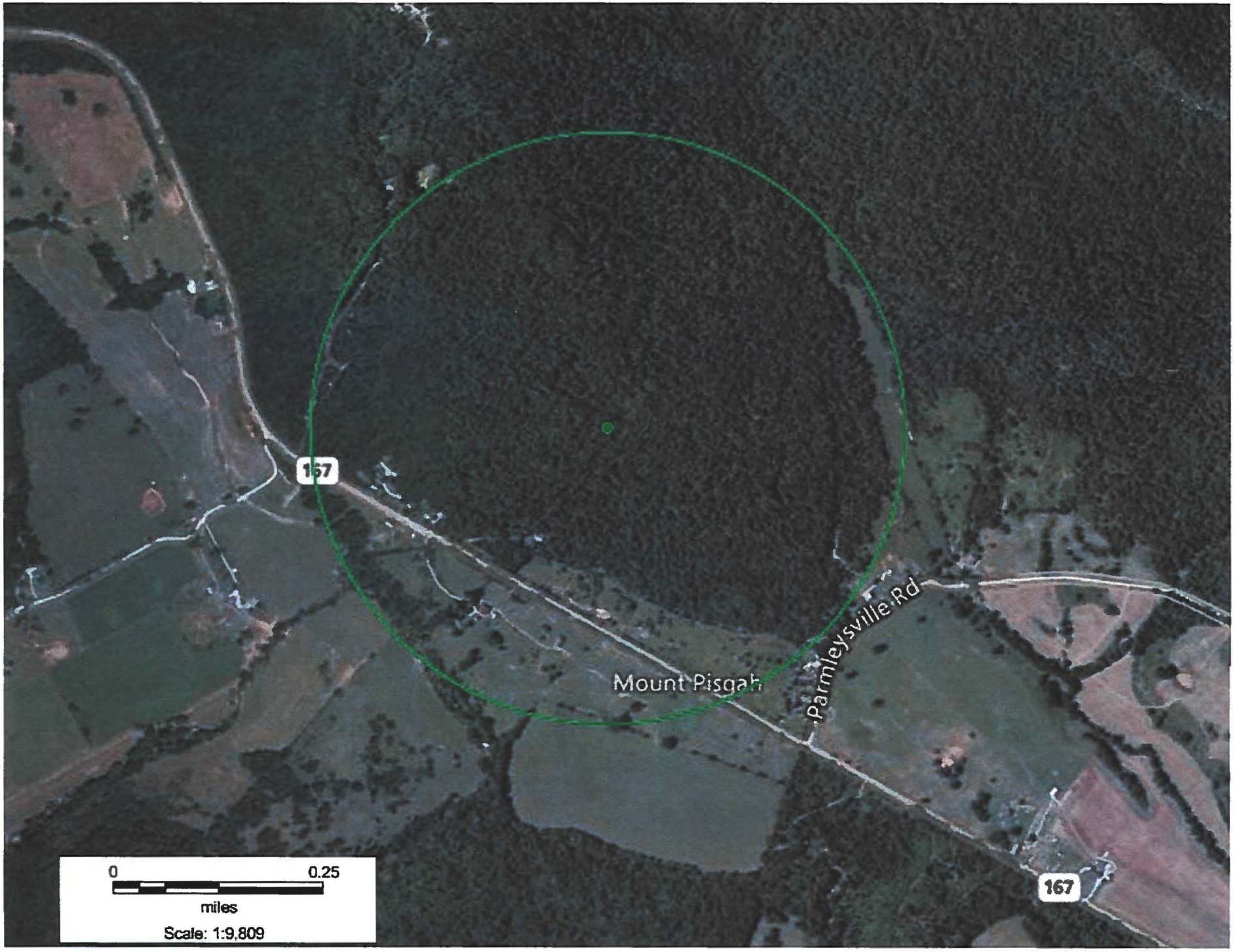
New Cingular Wireless PCS, LLC, a Delaware limited liability company, d/b/a AT&T Mobility has filed an application with the Kentucky Public Service Commission ("PSC") to construct a new wireless communications facility on a site located at 297 Parmleysville Road, Monticello, Kentucky 42633 (36°39'50.215" North latitude, 84°48'42.829" West longitude). You may contact the PSC for additional information concerning this matter at: Kentucky Public Service Commission, Executive Director, 211 Sower Boulevard, P.O. Box 615, Frankfort, Kentucky 40602. Please refer to docket number 2018-00388 in any correspondence sent in connection with this matter.

After this advertisement has been published, please forward a tearsheet copy, affidavit of publication, and invoice to Pike Legal Group, PLLC, P. O. Box 369, Shepherdsville, KY 40165. Please call me at (800) 516-4293 if you have any questions. Thank you for your assistance.

Sincerely,

Aaron L. Roof
Pike Legal Group, PLLC

EXHIBIT N
COPY OF RADIO FREQUENCY DESIGN SEARCH AREA



Lat: 36.660833
Lon: -84.811204

Dobbs Hollow Search Area