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.: 2020-00318
CONVENIENCE AND NECESSITY TO CONSTRUCT	)	
A WIRELESS COMMUNICATIONS FACILITY	)	
IN THE COMMONWEALTH OF KENTUCKY	)	
IN THE COUNTY OF WAYNE	)	

SITE NAME: TOURISTVILLE

* * * * * * * *

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. Applicant is a limited liability company organized in the State of Delaware on October 20, 1994.

4. Applicant attests that it is in good standing in the state in which it is organized and further states that it is authorized to transact business in Kentucky.

5. The Certificate of Authority filed with the Kentucky Secretary of State for the Applicant entity is attached as part of **Exhibit A** pursuant to 807 KAR 5:001: Section 14(3).

6. 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.

7. 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.

8. To address the above-described service needs, Applicant proposes to construct a WCF at Hwy 90, Monticello, KY 42633 (36° 56' 39.671" North latitude, 84° 43' 28.240" 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 Danny Edward Weaver and Wayne Marvin Weaver pursuant to a deed recorded at Deed Book 242, Page 404 in the office of the County Clerk. The proposed WCF will consist of a 230-foot tall tower, with an approximately 15-foot tall lightning arrestor attached at the top, for a total height of 245-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**.

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

10. 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**.

11. 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**.

12. 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.

13. A copy of the Determination of No Hazard to Air Navigation issued by the Federal Aviation Administration ("FAA") is attached as **Exhibit E**.

14. A copy of the approval from the Kentucky Airport Zoning Commission ("KAZC") is attached as **Exhibit F**.

15. 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.

16. 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.

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

18. 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.

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

20. 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.

21. **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**.

22. 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.

23. 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**.

24. 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**.

25. The general area where the proposed facility is to be located is rural and primarily agricultural in character.

26. 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**.

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

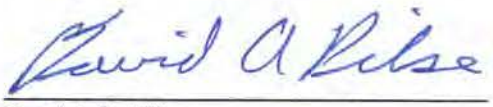
28. All Exhibits to this Application are hereby incorporated by reference as if fully set out as part of the Application.

29. 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
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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 - Certificate of Authority & 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
CERTIFICATE OF AUTHORITY & FCC LICENSE DOCUMENTATION

Commonwealth of Kentucky
Alison Lundergan Grimes, Secretary of State

Alison Lundergan Grimes
Secretary of State
P. O. Box 718
Frankfort, KY 40602-0718
(502) 564-3490
http://www.sos.ky.gov

Certificate of Authorization

Authentication number: 216299
Visit https://app.sos.ky.gov/ftshow/certvalidate.aspx to authenticate this certificate.

I, Alison Lundergan Grimes, Secretary of State of the Commonwealth of Kentucky, do hereby certify that according to the records in the Office of the Secretary of State,

NEW CINGULAR WIRELESS PCS, LLC

, a limited liability company authorized under the laws of the state of Delaware, is authorized to transact business in the Commonwealth of Kentucky, and received the authority to transact business in Kentucky on October 14, 1999.

I further certify that all fees and penalties owed to the Secretary of State have been paid; that an application for certificate of withdrawal has not been filed; and that the most recent annual report required by KRS 14A.6-010 has been delivered to the Secretary of State.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my Official Seal at Frankfort, Kentucky, this 28th day of May, 2019, in the 227th year of the Commonwealth.

Alison Lundergan Grimes
Secretary of State
Commonwealth of Kentucky
216299/0481848

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.

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:

NONE

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	03-12-2020	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.

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.

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 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	0008716070
Radio Service	
CW - PCS Broadband	

FCC Registration Number (FRN): 0003291192

Grant Date	Effective Date	Expiration Date	Print Date
09-12-2019	09-12-2019	09-29-2029	09-13-2019

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.

FCC 601-MB
October 2017

Licensee Name: NEW CINGULAR WIRELESS PCS, LLC

Call Sign: WPOK659 **File Number:** 0008716070 **Print Date:** 09-13-2019

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.

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.

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:**

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.

FCC 601-MB
October 2017

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.

FCC 601-MB
October 2017

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

VICINITY MAP

DRIVING DIRECTIONS

WAYNE COUNTY CLERK'S OFFICE
55 N MAIN ST #106, MONTICELLO, KY 42633

- HEAD NORTHEAST ON N MAIN ST TOWARD MICHIGAN AVE 108 FT
- CONTINUE STRAIGHT TO STAY ON N MAIN ST 1.5 MI
- CONTINUE ONTO STATE HWY 90 BUS 0.7 MI
  PASS BY TACO BELL (ON THE RIGHT IN 0.4 MI)
- TURN RIGHT ONTO KY-90 E 9.0 MI
- DESTINATION WILL BE 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:

TOURISTVILLE

FA #:

10262019

PROPOSED RAW LAND SITE WITH A 230' SELF SUPPORT TOWER
WITH A 15' LIGHTNING ARRESTOR
AND INSTALLATION OF A 80"x80" VERTIV WIC ON A 10'x17' PAD
WITH A GENERAC 30KW GENERATOR

PREPARED FOR:

at&t

PREPARED BY:

SMW 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:	HWY 90 MONTICELLO, KY 42633
LATITUDE (NAD 83): LONGITUDE (NAD 83):	N 36° 56' 39.671" W -84° 43 28.240"
LATITUDE (NAD DECIMAL): LONGITUDE (NAD DECIMAL):	N 36.944353° W -84.724511°
PARCEL ID:	101-00-00-008.00
JURISDICTION:	KENTUCKY PUBLIC SERVICE COMMISSION
PROPERTY OWNER:	WEAVER, WAYNE MARVIN & DANNY E WEAVER
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:	SOUTH KENTUCKY RECC
FIBER:	FIBER COMPANY AWARDED BY AT&T AT FUTURE TIME, CONSULT CM

DRAWING INDEX

SCOPE OF WORK

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

SITE WORK: NEW TOWER UNMANNED 80'x80' VERTIV WIC & GENERAC 30KW GENERATOR ON A CONCRETE PAD AND UTILITY INSTALLATIONS.

CA#: 2865
STATE OF KENTUCKY
JEREMY D. SHARIT
26823
LICENSED
PROFESSIONAL ENGINEER
08/28/20

SMW ENGINEERING GROUP, INC.
SMW #: 19-1835

at&t

#	DATE	DESCRIPTION:
0	11/18/19	ISSUED FOR CLIENT REV.
1	12/16/19	REISSUED FOR CLIENT REV.
2	08/28/20	ISSUED FOR ZONING

TOURISTVILLE

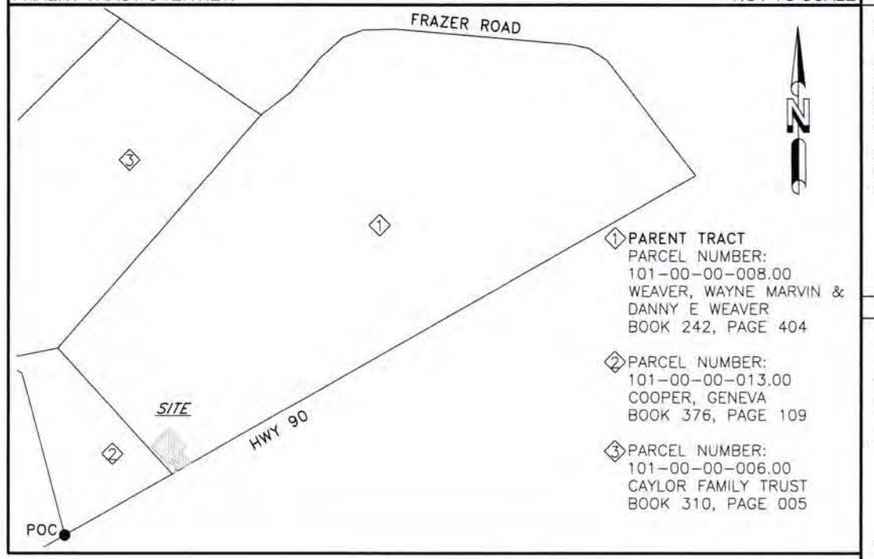
TITLE SHEET & PROJECT INFORMATION

DESIGNED: JDS
DRAWN: BMD
CHECKED: RTB

JOB #: 10262019

T-1

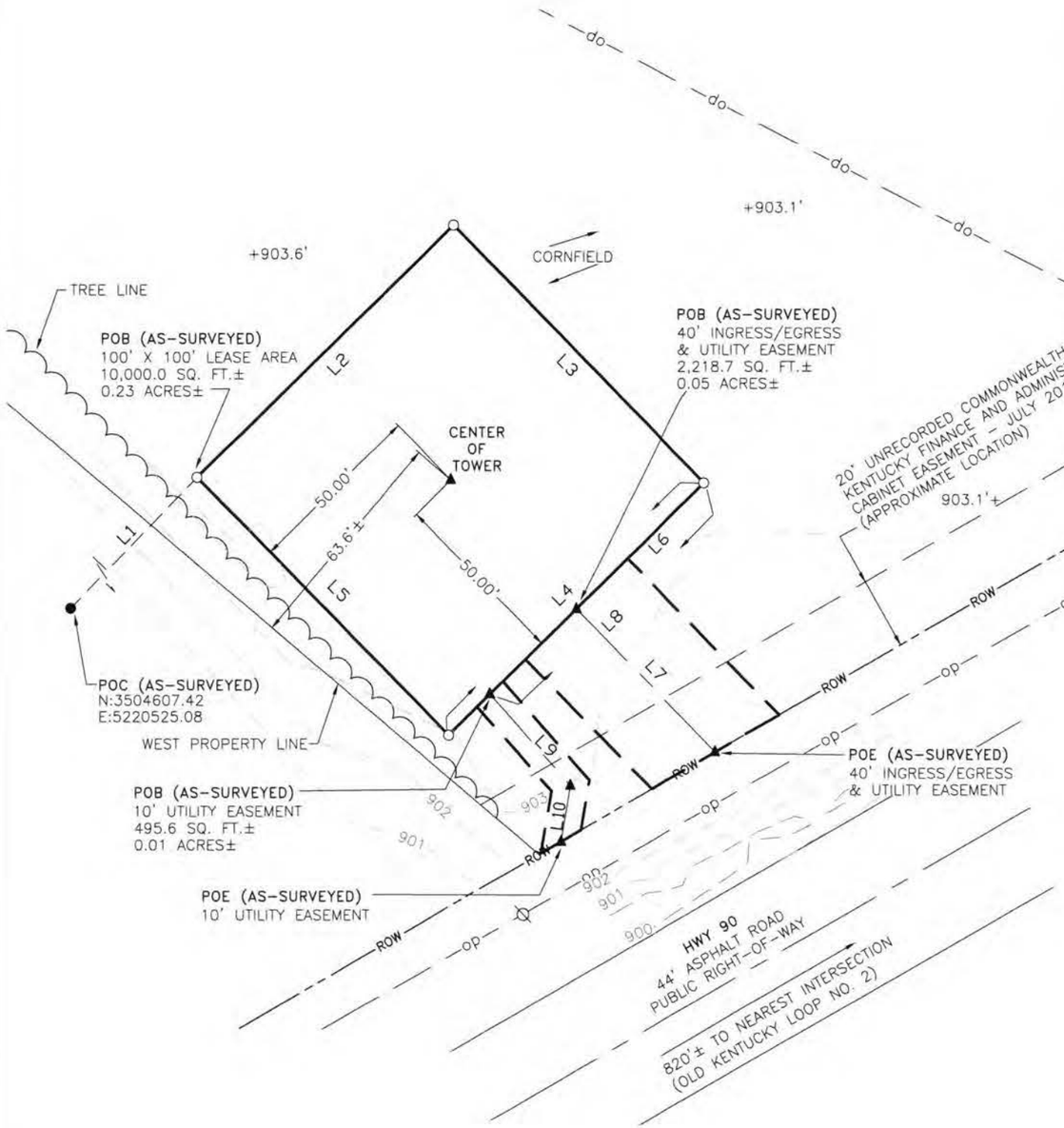
PARENT TRACT OVERVIEW — NOT TO SCALE



1 PARENT TRACT
PARCEL NUMBER:
101-00-00-008.00
WEAVER, WAYNE MARVIN & DANNY E WEAVER
BOOK 242, PAGE 404

2 PARCEL NUMBER:
101-00-00-013.00
COOPER, GENEVA
BOOK 376, PAGE 109

3 PARCEL NUMBER:
101-00-00-006.00
CAYLOR FAMILY TRUST
BOOK 310, PAGE 005



LINE	BEARING	DISTANCE
L1	N 44°13'38" E	506.31'
L2	N 45°37'22" E	100.00'
L3	S 44°22'38" E	100.00'
L4	S 45°37'22" W	100.00'
L5	N 44°22'38" W	100.00'
L6	S 45°37'22" W	50.00'
L7	S 44°22'38" E	55.47'±
L8	S 45°37'22" W	83.83'
L9	S 41°24'20" E	33.84'
L10	S 09°36'28" W	15.72'±

STATE OF KENTUCKY
DAVID D. McKINNEY
3964
LICENSED PROFESSIONAL LAND SURVEYOR
04/09/20

0 40' 80'
SCALE: 1" = 40'

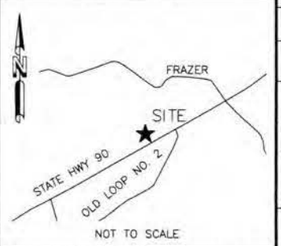
TOWER INFO

CENTER OF TOWER:

LATITUDE: 36°56'39.671" NORTH
LONGITUDE: 84°43'28.240" WEST
(NAD 83)
GROUND ELEVATION: 903.3'
ABOVE MEAN SEA LEVEL (NAVD88)

SITE ADDRESS:
HWY 90
MONTICELLO, KY 42633

VICINITY MAP



NOT TO SCALE

KENTUCKY SINGLE ZONE

GRID NORTH

GRID TO TRUE NORTH CONVERGENCE
0°37'46.59556"

TRUE NORTH TO MAGNETIC DECLINATION
5°30'10.8" W

COMBINED SCALE FACTOR
1.000036155

LEGEND

- ○ = 5/8" REBAR SET
- ● = CONCRETE MONUMENT FOUND
- POB = POINT OF BEGINNING
- POC = POINT OF COMMENCEMENT
- POE = POINT OF ENDING
- ▲ = CALCULATED POINT
- ⊗ = POWER POLE
- +XX.X' = SPOT ELEVATION
- ⊕ = TEMPORARY BENCHMARK
  NAIL IN POWER POLE
  ELEVATION: 904.73'
- ROW = RIGHT-OF-WAY
- op = 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. 21231C0080C, 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.

NO.	REVISION	DATE	BY
1.	ADJUSTED LEASE AND EASEMENT	10/21/19	CS
2.	ADDED 10' UTILITY EASEMENT	04/08/20	GVG
3.	ADDRESSED REPORT OF TITLE	04/09/20	GVG

PROJECT NO.
19-1835

DRAWN BY: CS
CHECKED BY: PWK
FIELD CREW: BW
APPROVED BY: MKW
DATE: 10/2/19
SCALE: AS SHOWN
SHEET 1 OF 2

RAWLAND TOWER SURVEY

FOR:
INTEGRISITE
2106 NORTH 7TH ST. SUITE 228
WEST MONROE, LA 71291

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

SMW ENGINEERING GROUP, INC.

TOURISTVILLE
WAYNE COUNTY, KENTUCKY

PARENT TRACT (BOOK 242, PAGE 404)

First Tract: Beginning at a stake on Highway No. 90 a corner to Mrs. Rena Mercer; thence N 50 W 1410 feet with Mercer's line to a stake in J.L. Daffron's line; thence with Daffron's line N 37 E 1308 feet to the County Road thence with the meanders of the County Road 1454 feet to a stake in the line of Lot No. 13 of Block C; thence continuing with the county road 693 feet to a stake in highway No. 90; thence with highway No. 90, 2393 feet to the beginning. Containing 65 acres, more or less.

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

Being a portion of that certain tract of land as described and recorded in Book 242, Page 404 in the Office of the County Clerk, Wayne County, Kentucky lying in Block C as shown by the map or plat of the J.L. Shadoan land recorded in Book 92, Page 549 said Office of the County Clerk, said Wayne County and being more particularly described as follows:
Commencing at a concrete monument found on the north right-of-way line of State Highway 90 and having Kentucky Single Zone State Plane Coordinates of N:3504607.42 E:5220525.08; thence N 44°13'38" E a distance of 506.31 feet to a 5/8" rebar set and the Point of Beginning; thence N 45°37'22" E a distance of 100.00 feet to a 5/8" rebar set; thence S 44°22'38" E a distance of 100.00 feet to a 5/8" rebar set; thence S 45°37'22" W a distance of 100.00 feet to a 5/8" rebar set; thence N 44°22'38" W a distance of 100.00 feet to the Point of Beginning. Said above described Lease Area contains 10,000.0 square feet or 0.23 acres, more or less.

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

Being a portion of that certain tract of land as described and recorded in Book 242, Page 404 in the Office of the County Clerk, Wayne County, Kentucky lying in Block C as shown by the map or plat of the J.L. Shadoan land recorded in Book 92, Page 549 said Office of the County Clerk, said Wayne County and being more particularly described as follows:
Commencing at a concrete monument found on the north right-of-way line of State Highway 90 and having Kentucky Single Zone State Plane Coordinates of N:3504607.42 E:5220525.08; thence N 44°13'38" E a distance of 506.31 feet to a 5/8" rebar set; thence N 45°37'22" E a distance of 100.00 feet to a 5/8" rebar set; thence S 44°22'38" E a distance of 100.00 feet to a 5/8" rebar set; thence S 45°37'22" W a distance of 50.00 feet to the Point of Beginning of an Ingress/Egress & Utility Easement being 40 feet in width lying 20 feet each side of the following described centerline; thence S 44°22'38" E a distance of 55.47 feet, more or less, to a point on the north right-of-way line of State Highway 90 and the Point of Ending. Said above described Easement contains 2,218.7 square feet or 0.05 acres, more or less.

10' UTILITY EASEMENT (AS-SURVEYED)

Being a portion of that certain tract of land as described and recorded in Book 242, Page 404 in the Office of the County Clerk, Wayne County, Kentucky lying in Block C as shown by the map or plat of the J.L. Shadoan land recorded in Book 92, Page 549 said Office of the County Clerk, said Wayne County and being more particularly described as follows:
Commencing at a concrete monument found on the north right-of-way line of State Highway 90 and having Kentucky Single Zone State Plane Coordinates of N:3504607.42 E:5220525.08; thence N 44°13'38" E a distance of 506.31 feet to a 5/8" rebar set; thence N 45°37'22" E a distance of 100.00 feet to a 5/8" rebar set; thence S 44°22'38" E a distance of 100.00 feet to a 5/8" rebar set; thence S 45°37'22" W a distance of 83.83 feet to the Point of Beginning of an Easement being 10 feet in width and lying 5 feet on each side of the following described centerline; thence S 41°24'20" E a distance of 33.84 feet to a point; thence S 09°36'28" W a distance of 15.72 feet, more or less, to a point on the north right-of-way line of State Highway 90 and the Point of Ending. Said above described Easement contains 495.6 square feet or 0.01 acres, more or less.

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 September 2, 2019.
2. The following surveying instruments were used at time of field visit: Topcon DM55 Total Station, Reflectorless and Hiper SR RTK Network Rover with static capability.
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 DK3326. 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 in reference to a Report of Title, prepared by U.S. Title Solutions, File Number 63433-KY1906-5030 on June 13, 2019.
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 Client dated June 4, 2019 in direct correlation with existing monuments and physical evidence found through inspection and may not depict actual rights of occupancy.
14. Per Site Data Package provided by Client the site is not subject to zoning regulations.

PLOTTABLE EXCEPTIONS

U.S. Title Solutions
Report of Title File No. 63433-KY1906-5030
Date June 13, 2019
Schedule B

Item No.	Instrument	Comment
1-7		Standard exceptions. Contain no survey matters.
(8)	(Book 92, Page 549)	Does not contain exceptions that affect.
(9)	(Book 79, Page 30)	Does not Affect.
(10)	(Book 79, Page 28)	Does Affect but does not contain sufficient information to plot or show hereon.

STATE OF KENTUCKY
DAVID D. McKINNEY
3964
LICENSED PROFESSIONAL LAND SURVEYOR
04/09/20

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

NO.	REVISION	DATE	BY
1.	ADJUSTED LEASE AND EASEMENT	10/21/19	CS
2.	ADDED 10' UTILITY EASEMENT	04/08/20	GVG
3.	ADDRESSED REPORT OF TITLE	04/09/20	GVG

PROJECT NO. 19-1835

DRAWN BY: CS
CHECKED BY: PWK
FIELD CREW: BW
APPROVED BY: MKW
DATE: 10/2/19
SCALE: AS SHOWN
SHEET 2 OF 2

RAWLAND TOWER SURVEY

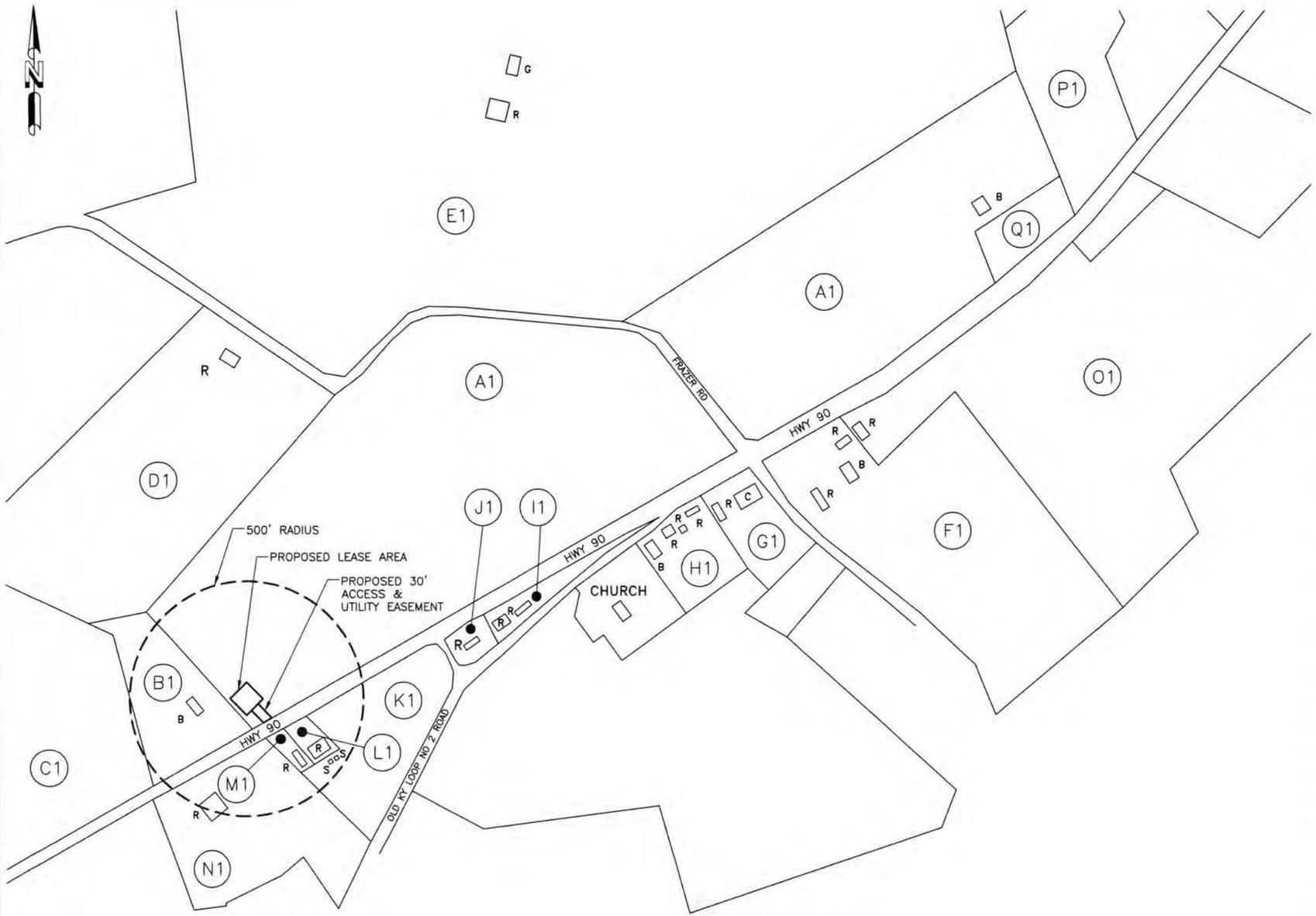
FOR:

INTEGRISITE
2106 NORTH 7TH ST, SUITE 228
WEST MONROE, LA 71291

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

SMW ENGINEERING GROUP, INC.

TOURISTVILLE
WAYNE COUNTY, KENTUCKY



EXISTING BUILDINGS
R = RESIDENCE
B = BARN
G = GARAGE
C = COMMERCIAL

NOTE:
INFORMATION COMPILED ON 12/16/19
INFORMATION SHOWN IS BASED ON THE RECORDS OF THE WAYNE COUNTY, KENTUCKY PROPERTY VALUATION ADMINISTRATOR

0' 500' 1000' 1500'
1" = 500' (11"x17")

(A1) **PARCEL ID: 101-00-00-008.00**
WEAVER WAYNE MARVIN & DANNY E WEAVER
13950 BEL VISTA CT N
PROSPECT, KY 40059

(B1) **PARCEL ID: 101-00-00-013.00**
COOPER GENEVA
10618 E HWY 90
MONTICELLO, KY 42633

(C1) **PARCEL ID: 101-00-00-014.00**
SHELTON LOTTIE
10419 E HWY 90
MONTICELLO, KY 42633

(D1) **PARCEL ID: 101-00-00-006.00**
CAYLOR FAMILY TRUST
499 FRAZER RD
MONTICELLO, KY 42633

(E1) **PARCEL ID: 101-00-00-007.00**
ALLEN WILLIAM STEVENSON SR & ALLEN SHERI DALTON
286 FRAZIER RD
MONTICELLO, KY 42633

(F1) **PARCEL ID: 101-00-00-023.00**
MUNSEY DONOVAN & RHONDA
11304 E HWY 90
MONTICELLO, KY 42633

(G1) **PARCEL ID: 101-00-00-009.00**
MCCUTCHEN DAVID MARK
11098 E HWY 90
MONTICELLO, KY 42633

(H1) **PARCEL ID: 101-00-00-010.00**
REYNOLDS TOMMY & RITA
11050 E HWY 90
MONTICELLO, KY 42633

(I1) **PARCEL ID: 101-00-00-012.00**
PAMJ INC C/O PHILLIP & MELYNDA HARDIN
270 MATTHEWS RAMSEY LN
MONTICELLO, KY 42633

(J1) **PARCEL ID: 101-00-00-012.01**
GREGORY TERRY
10870 E HWY 90
MONTICELLO, KY 42633

(K1) **PARCEL ID: 101-00-00-008.01**
ALLEN WILLIAM S & SHERI D
286 FRAZER RD
MONTICELLO, KY 42633

(L1) **PARCEL ID: 101-00-00-008.02**
HARDIN PHILIP
270 MATTHEWS RAMSEY LN
MONTICELLO, KY 42633

(M1) **PARCEL ID: 101-00-00-008.03**
STRINGER EDWIN EVERETT
PO BOX 374
BURNSIDE, KY 42519

(N1) **PARCEL ID: 101-00-00-013.00**
COOPER GENEVA
10618 E HWY 90
MONTICELLO, KY 42633

(P1) **PARCEL ID: 101-00-00-027.00**
UNKNOWN OWNER
FRAZER (HWY 90)
MONTICELLO, KY 42633

(Q1) **PARCEL ID: 101-00-00-025.00**
PIERCY JOANN
7387 HWY 1009 S
MONTICELLO, KY 42633

(O1) **PARCEL ID: 101-00-00-024.00**
MUNSEY DONOVAN & RHONDA
11304 E HWY 90
MONTICELLO, KY 42633

SMW ENGINEERING GROUP, INC.
SMW#: 19-1835

at&t

#	DATE	DESCRIPTION:
0	11/18/19	ISSUED FOR CLIENT REV.
1	12/16/19	REISSUED FOR CLIENT REV.
2	08/28/20	ISSUED FOR ZONING

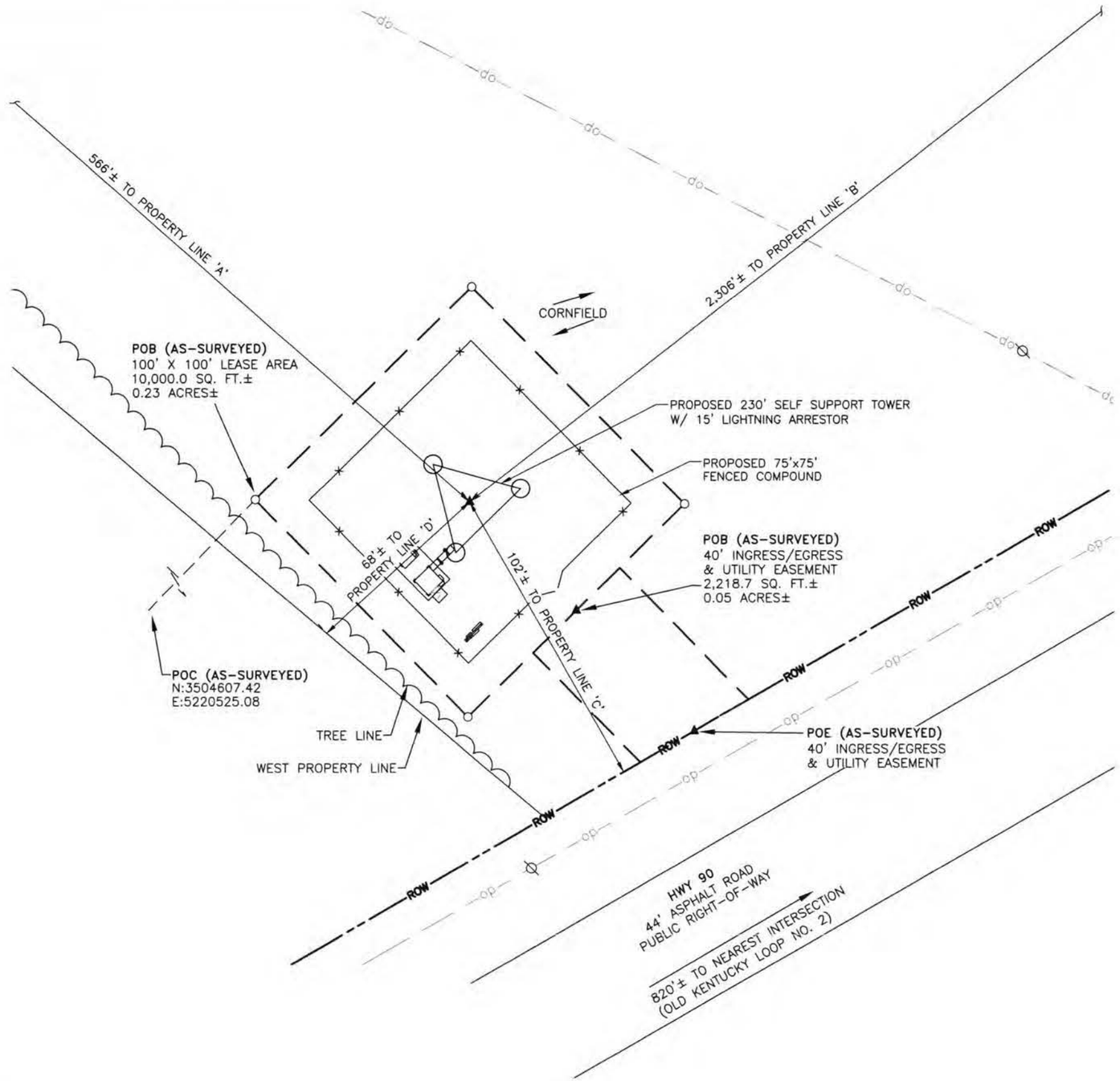
TOURISTVILLE

500' RADIUS AND ABUTTERS MAP

DESIGNED: JDS
DRAWN: BMD
CHECKED: RTB

JOB #: 10262019

B-1



0' 40' 80' 120'

1" = 40' (11"x17")

N

SMW ENGINEERING GROUP, INC.

SMW #: 19-1835

at&t

#	DATE	DESCRIPTION:
0	11/18/19	ISSUED FOR CLIENT REV.
1	12/16/19	REISSUED FOR CLIENT REV.
2	08/28/20	ISSUED FOR ZONING

TOURISTVILLE

OVERALL SITE LAYOUT

DESIGNED: JDS
DRAWN: BMD
CHECKED: RTB

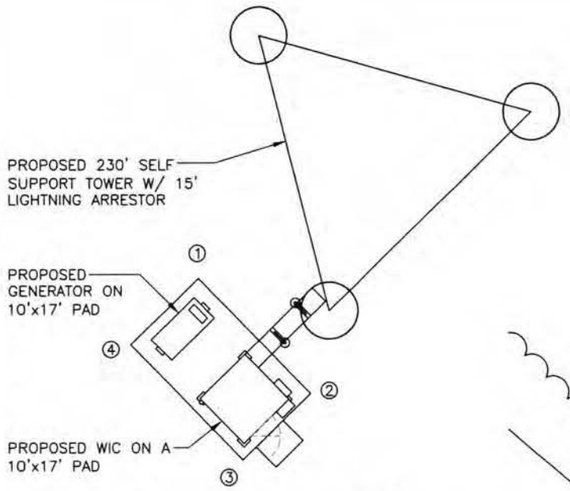
JOB #: 10262019

C-1

CA#: 2865

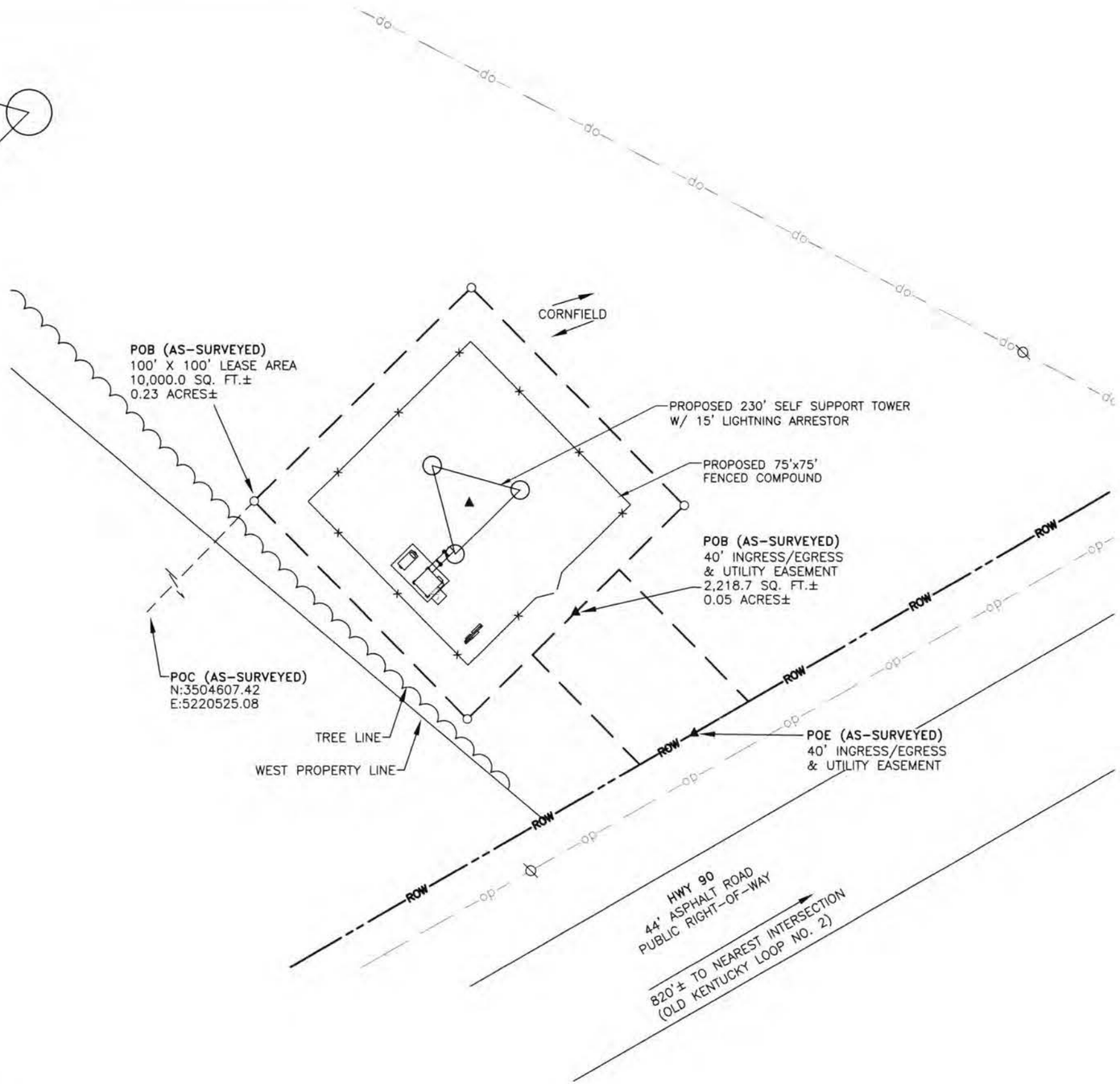
STATE OF KENTUCKY
JEREMY D. SHARIT
26823
LICENSED
PROFESSIONAL ENGINEER

08/28/20



PROPERTY LINE	EQUIPMENT	DISTANCE
A	1	561'±
B	2	2,327'±
C	3	82'±
D	4	36'±

ENLARGED EQUIPMENT
NOT TO SCALE



0' 40' 80' 120'
1" = 40' (11"x17")

CA#: 2865
STATE OF KENTUCKY
JEREMY D. SHARIT
26823
LICENSED PROFESSIONAL ENGINEER
08/28/20

N

SMW ENGINEERING GROUP, INC.
SMW#: 19-1835

at&t

#	DATE	DESCRIPTION
0	11/18/19	ISSUED FOR CLIENT REV.
1	12/16/19	REISSUED FOR CLIENT REV.
2	08/28/20	ISSUED FOR ZONING

TOURISTVILLE

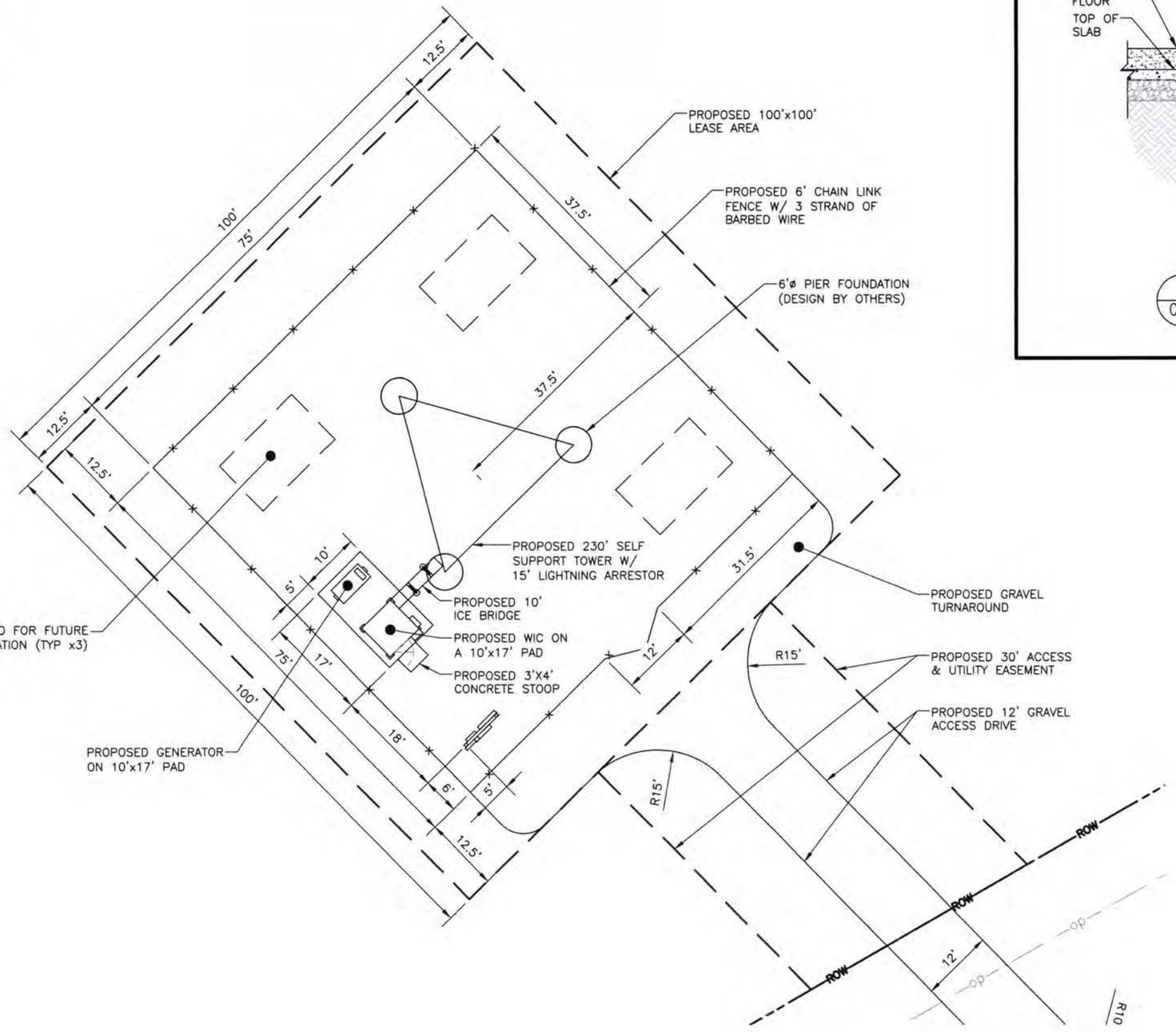
OVERALL SITE LAYOUT - CONT'D

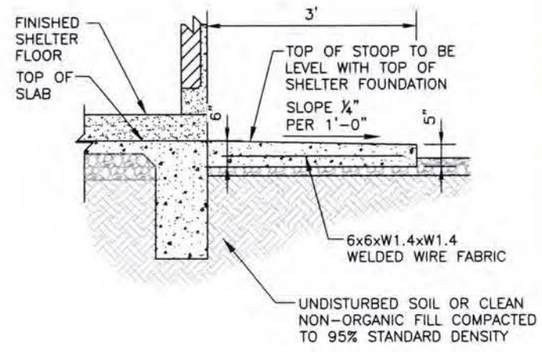
DESIGNED: JDS
DRAWN: BMD
CHECKED: RTB

JOB #: 10262019

C-2

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





1/C-3 3'x4' STOOP DETAIL
NTS

N

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

CA#: 2865
STATE OF KENTUCKY
JEREMY D. SHARIT
26823
LICENSED PROFESSIONAL ENGINEER
08/28/20

SMW ENGINEERING GROUP, INC.
SMW#: 19-1835

at&t

#	DATE	DESCRIPTION:
0	11/18/19	ISSUED FOR CLIENT REV.
1	12/16/19	REISSUED FOR CLIENT REV.
2	08/28/20	ISSUED FOR ZONING

TOURISTVILLE

ENLARGED COMPOUND LAYOUT

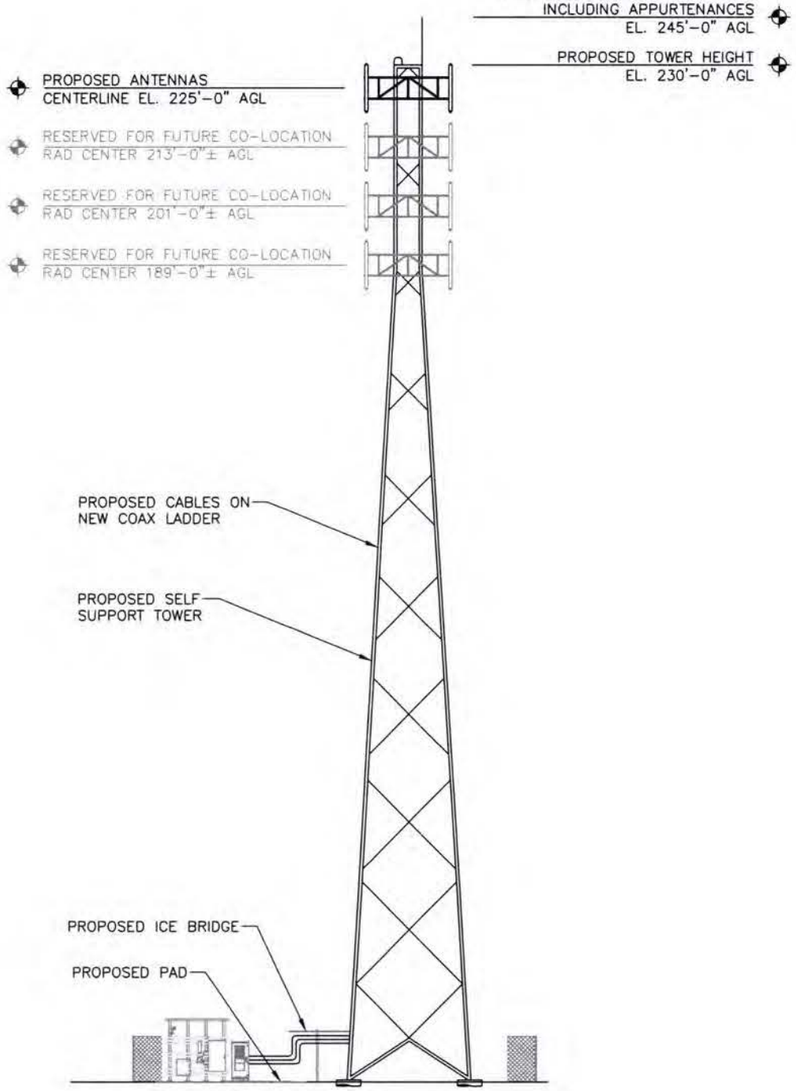
DESIGNED: JDS
DRAWN: BMD
CHECKED: RTB

JOB #: 10262019

C-3

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.



1/C-4 TOWER ELEVATION
NOT TO SCALE

SMW ENGINEERING GROUP, INC.

SMW#: 19-1835

at&t

#	DATE	DESCRIPTION
0	11/18/19	ISSUED FOR CLIENT REV.
1	12/16/19	REISSUED FOR CLIENT REV.
2	08/28/20	ISSUED FOR ZONING

TOURISTVILLE

TOWER ELEVATION

CA#: 2865

STATE OF KENTUCKY
JEREMY D. SHARIT
26823
LICENSED
PROFESSIONAL ENGINEER

08/28/20

DESIGNED: JDS
DRAWN: BMD
CHECKED: RTB

JOB #: 10262019

C-4

EXHIBIT C
TOWER AND FOUNDATION DESIGN

MasTec
Network Solutions

September 3rd, 2020

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

RE: Site Name – Touristville
Proposed Cell Tower
36 56 39.67 North Latitude, 84 43 28.24 West Longitude

Dear Commissioners:

The Project / Construction Manager for the proposed new communications facility will be Sean Sheehan. His contact information is (610) 312-1001 or sean.sheehan@mastec.com

Sean 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,

Sean Sheehan, Sr. Project Manager – Tennessee/Kentucky Market
MasTec Network Solutions
(610) 312-1001

Sabre Industries™
INNOVATION DELIVERED

Structural Design Report

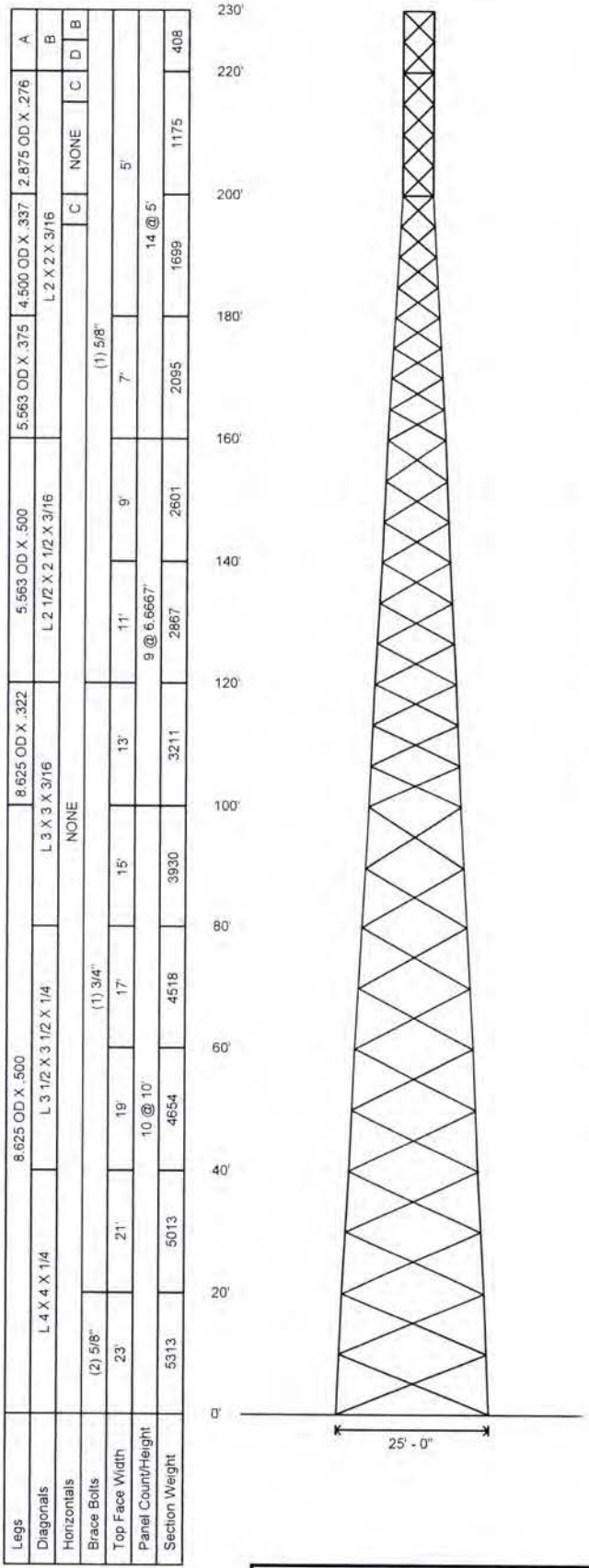
230' S3TL Series HD1 Self-Supporting Tower
Site: Touristville, KY

Prepared for: AT&T
by: Sabre Industries ™

Job Number: 467314

September 15, 2020

Digitally Signed By Robert Beacom
DN: c=US, st=Texas, l=Alvarado, o=SABRE INDUSTRIES, INC., cn=Robert Beacom, email=rebeacom@sabreindustries.com Date: 2020.09.15 14:57:35



Designed Appurtenance Loading

Elev	Description	Tx-Line
235	(1) Extendible Lightning Rod	
225	(1) 278 sq. ft. EPA 6000# (no Ice)	(18) 1 5/8"
213	(1) 208 sq. ft. EPA 4000# (no ice)	(18) 1 5/8"
201	(1) 208 sq. ft. EPA 4000# (no ice)	(18) 1 5/8"
189	(1) 208 sq. ft. EPA 4000# (no ice)	(18) 1 5/8"

Design Criteria - ANSI/TIA-222-H

Wind Speed (No Ice)	105 mph
Wind Speed (Ice)	30 mph
Design Ice Thickness	1.50 in
Risk Category	II
Exposure Category	C
Topographic Factor Procedure	Method 1 (Simplified)
Topographic Category	1
Ground Elevation	904 ft

Base Reactions

Total Foundation		Individual Footing	
Shear (kips)	69.17	Shear (kips)	43.1
Axial (kips)	204.91	Compression (kips)	499
Moment (ft-kips)	10206	Uplift (kips)	438
Torsion (ft-kips)	24.53		

Material List

Display	Value
A	2.375 OD X .154
B	L 2 X 2 X 1/8
C	L 2 X 2 X 3/16
D	NONE

Notes

1) All legs are A500 (50 ksi Min. Yield).
2) All braces are A572 Grade 50.
3) All brace bolts are A325-X.
4) The tower model is S3TL Series HD1.
5) Transmission lines are to be attached to standard 12 hole waveguide ladders with stackable hangers.
6) Azimuths are relative (not based on true north).
7) Foundation loads shown are maximums.
8) All unequal angles are oriented with the short leg vertical.
9) Weights shown are estimates. Final weights may vary.
10) This tower design and, if applicable, the foundation design(s) shown on the following page(s) also meet or exceed the requirements of the 2015 International Building Code.
11) Tower Rating: 98.29%

Sabre Industries
INNOVATION DELIVERED

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

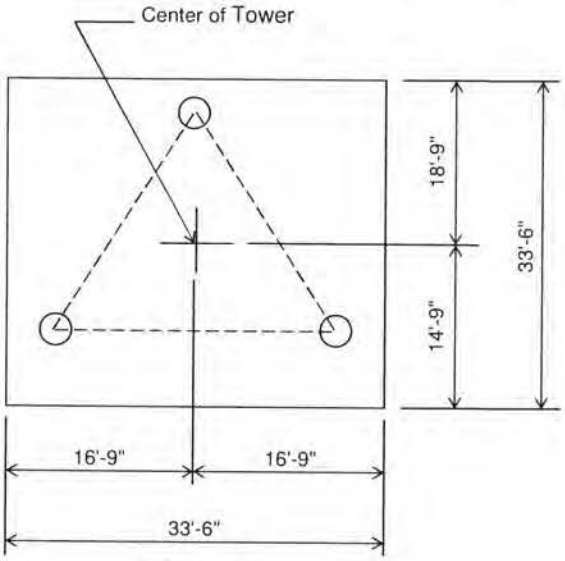
Job:	**467314**
Customer:	AT&T
Site Name:	Touristville, KY
Description:	230' S3TL
Date:	2020.09.15 By: DJH

Sabre Industries
INNOVATION DELIVERED

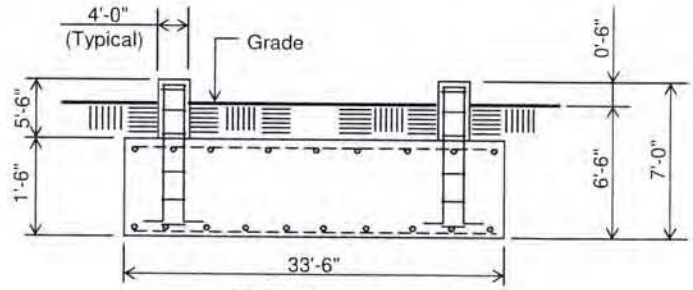
No.: 467314
Date: 09/15/2020
By: DJH

Customer: AT&T
Site: Touristville, KY
230 ft. Model S3TL Series HD1 Self Supporting Tower

PRELIMINARY -NOT FOR CONSTRUCTION-



PLAN VIEW



ELEVATION VIEW
(70.0 cu. yds.)
(1 REQD.; NOT TO SCALE)

CAUTION: Center of tower is not in center of slab.

Notes:

1) Concrete shall have a minimum 28-day compressive strength of 4,500 psi, in accordance with ACI 318-14.
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-H-2017. It is recommended that a soil analysis of the site be performed to verify the soil parameters used in the design.
6) 5' of soil cover is required over the entire area of the foundation slab.
7) The bottom anchor bolt template shall be positioned as closely as possible to the bottom of the anchor bolts.

Rebar Schedule per Mat and per Pier	
Pier	(22) #7 vertical rebar w/ hooks at bottom w/ #4 rebar ties, two (2) within top 5" of pier then 4" C/C
Mat	(63) #9 horizontal rebar evenly spaced each way top and bottom. (252 total)
Anchor Bolts per Leg	
(6) 1.5" dia. x 78" F1554-105 on a 13.25" B.C. w/ 9.5" max. projection above concrete.	

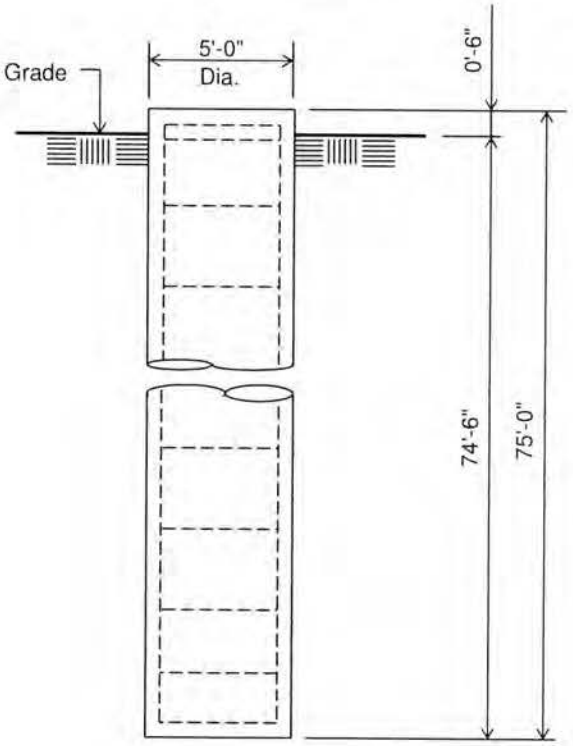
7101 Southbridge Dr - P.O. Box 658 - Sioux City, IA 51102-0658 - Phone 712.258.6690 - Fax 712.258.8250

Sabre Industries
INNOVATION DELIVERED

No.: 467314
Date: 09/15/2020
By: DJH

Customer: AT&T
Site: Touristville, KY
230 ft. Model S3TL Series HD1 Self Supporting Tower

PRELIMINARY -NOT FOR CONSTRUCTION-



ELEVATION VIEW
(54.5 cu. yds.)
(3 REQUIRED; NOT TO SCALE)

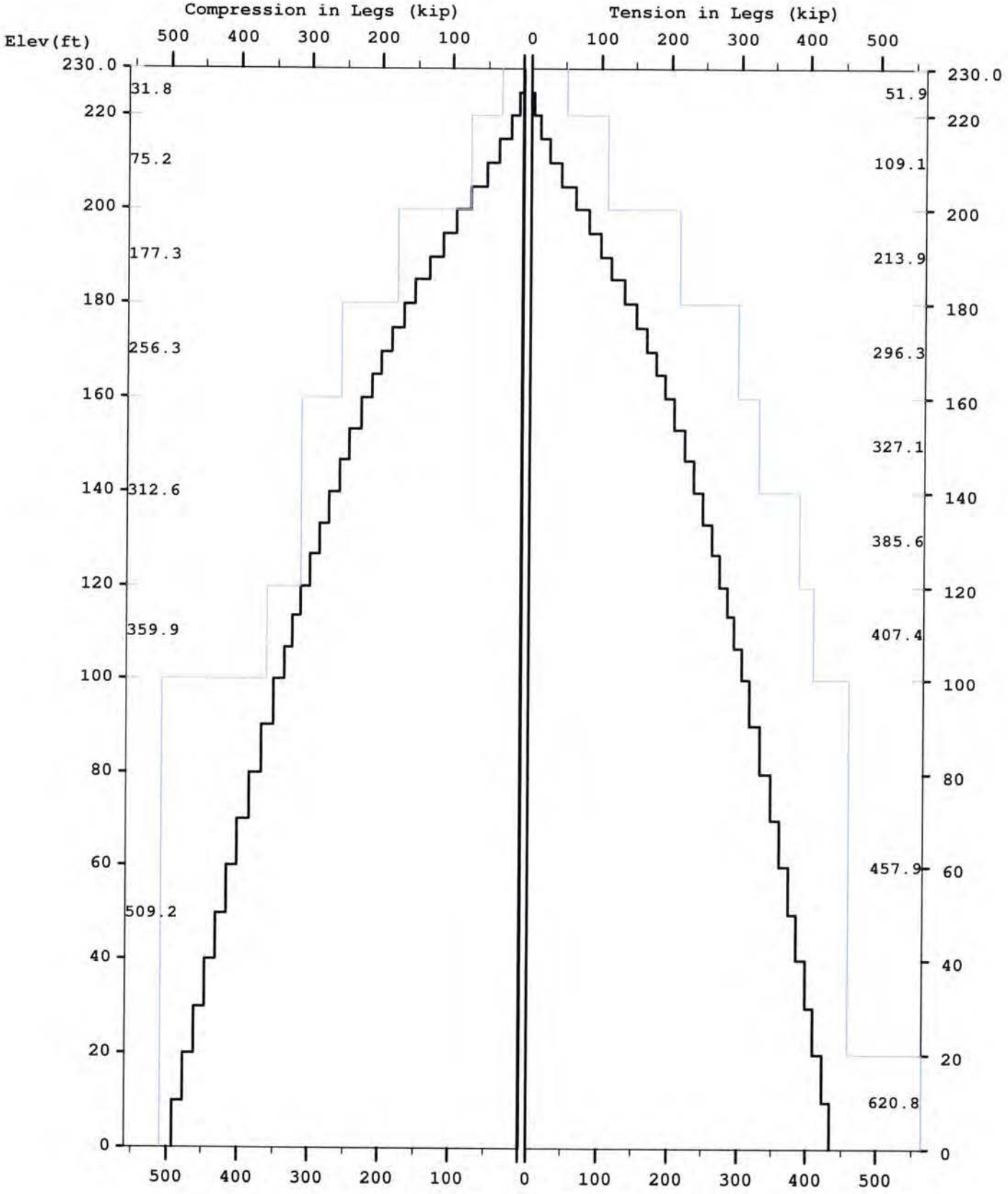
Notes:

1) Concrete shall have a minimum 28-day compressive strength of 4,500 psi, in accordance with ACI 318-14.
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-H-2017. It is recommended that a soil analysis of the site be performed to verify the soil parameters used in the design.
6) The bottom anchor bolt template shall be positioned as closely as possible to the bottom of the anchor bolts.

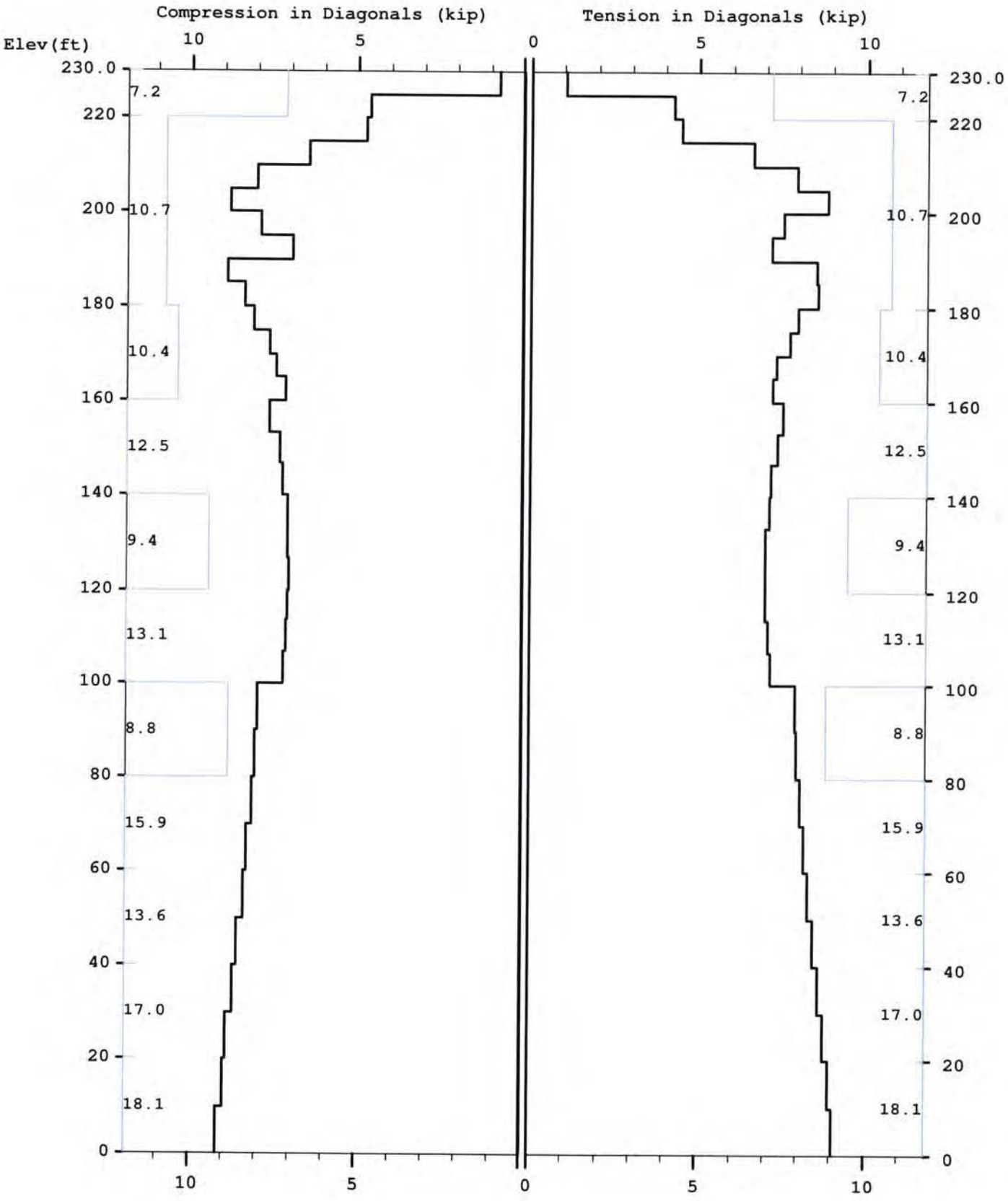
Rebar Schedule per Pier	
Pier	(14) #10 vertical rebar w/ #4 ties, two (2) within top 5" of pier then 12" C/C
Anchor Bolts per Leg	
(6) 1.5" dia. x 78" F1554-105 on a 13.25" B.C. w/ 9.5" max. projection above concrete.	

7101 Southbridge Dr - P.O. Box 658 - Sioux City, IA 51102-0658 - Phone 712.258.6690 - Fax 712.258.8250

Maximum

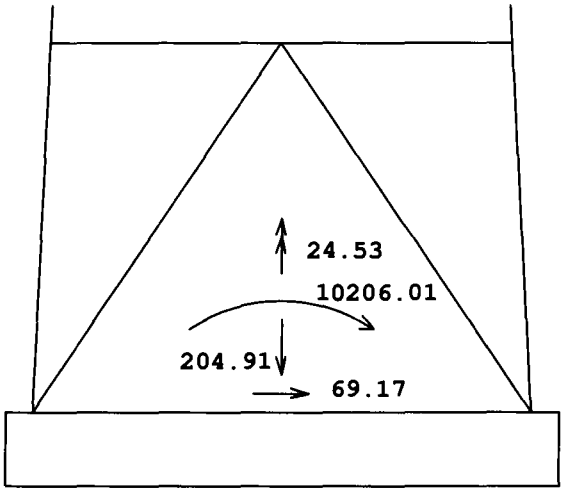

Compression in Legs (kip)
Tension in Legs (kip)
Elev(ft)
500 400 300 200 100 0 100 200 300 400 500
230.0 220 200 180 160 140 120 100 80 60 40 20 0
31.8
75.2
177.3
256.3
312.6
359.9
509.2
51.9
109.1
213.9
296.3
327.1
385.6
407.4
457.9
620.8

Maximum

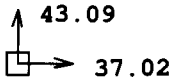

Compression in Diagonals (kip)
Tension in Diagonals (kip)
Elev(ft)
10
5
0
5
10
230.0
220
200
180
160
140
120
100
80
60
40
20
0
7.2
10.7
10.4
12.5
9.4
13.1
8.8
15.9
13.6
17.0
18.1

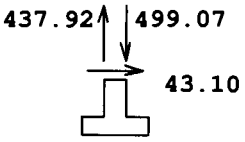
Maximum

TOTAL FOUNDATION LOADS (kip, ft-kip)



INDIVIDUAL FOOTING LOADS (kip)





MAST GEOMETRY (ft)

PANEL TYPE	NO.OF LEGS	ELEV.AT BOTTOM	ELEV.AT TOP	F.W..AT BOTTOM	F.W..AT TOP	TYPICAL PANEL HEIGHT
X	3	225.00	230.00	5.00	5.00	5.00
X	3	220.00	225.00	5.00	5.00	5.00
X	3	215.00	220.00	5.00	5.00	5.00
X	3	200.00	215.00	5.00	5.00	5.00
X	3	195.00	200.00	5.50	5.00	5.00
X	3	180.00	195.00	7.00	5.50	5.00
X	3	160.00	180.00	9.00	7.00	5.00
X	3	140.00	160.00	11.00	9.00	6.67
X	3	120.00	140.00	13.00	11.00	6.67
X	3	100.00	120.00	15.00	13.00	6.67
X	3	80.00	100.00	17.00	15.00	10.00
X	3	60.00	80.00	19.00	17.00	10.00
X	3	40.00	60.00	21.00	19.00	10.00
X	3	20.00	40.00	23.00	21.00	10.00
X	3	0.00	20.00	25.00	23.00	10.00

MEMBER PROPERTIES

MEMBER TYPE	BOTTOM ELEV ft	TOP ELEV ft	X-SECTN AREA in.sq	RADIUS OF GYRAT in	ELASTIC MODULUS ksi	THERMAL EXPANSN /deg
LE	220.00	230.00	1.075	0.787	29000.	0.0000117
LE	200.00	220.00	2.254	0.787	29000.	0.0000117
LE	180.00	200.00	4.407	0.787	29000.	0.0000117
LE	160.00	180.00	6.111	0.787	29000.	0.0000117
LE	120.00	160.00	7.952	0.787	29000.	0.0000117
LE	100.00	120.00	8.399	0.787	29000.	0.0000117
LE	0.00	100.00	12.763	0.787	29000.	0.0000117
DI	220.00	230.00	0.484	0.626	29000.	0.0000117
DI	160.00	220.00	0.715	0.626	29000.	0.0000117
DI	120.00	160.00	0.902	0.626	29000.	0.0000117
DI	80.00	120.00	1.090	0.626	29000.	0.0000117
DI	40.00	80.00	1.688	0.626	29000.	0.0000117
DI	0.00	40.00	1.938	0.626	29000.	0.0000117
HO	225.00	230.00	0.484	0.626	29000.	0.0000117
HO	215.00	220.00	0.715	0.626	29000.	0.0000117
HO	195.00	200.00	0.715	0.626	29000.	0.0000117

FACTORED MEMBER RESISTANCES

BOTTOM ELEV ft	TOP ELEV ft	LEGS COMP kip	LEGS TENS kip	DIAGONALS COMP kip	DIAGONALS TENS kip	HORIZONTALS COMP kip	HORIZONTALS TENS kip	INT BRACING COMP kip	INT BRACING TENS kip
225.0	230.0	31.84	51.90	7.16	7.16	7.16	7.16	0.00	0.00
220.0	225.0	31.84	51.90	7.16	7.16	0.00	0.00	0.00	0.00
215.0	220.0	75.23	109.12	10.74	10.74	10.72	10.72	0.00	0.00
200.0	215.0	75.23	109.12	10.74	10.74	0.00	0.00	0.00	0.00
195.0	200.0	177.29	213.88	10.74	10.74	10.72	10.72	0.00	0.00
180.0	195.0	177.29	213.88	10.74	10.74	0.00	0.00	0.00	0.00
160.0	180.0	256.32	296.33	10.38	10.38	0.00	0.00	0.00	0.00
140.0	160.0	312.59	327.10	12.47	12.47	0.00	0.00	0.00	0.00
120.0	140.0	312.59	385.58	9.45	9.45	0.00	0.00	0.00	0.00
100.0	120.0	359.86	407.40	13.10	13.10	0.00	0.00	0.00	0.00
80.0	100.0	509.22	457.90	8.84	8.84	0.00	0.00	0.00	0.00
60.0	80.0	509.22	457.90	15.88	15.88	0.00	0.00	0.00	0.00
40.0	60.0	509.22	457.90	13.59	13.59	0.00	0.00	0.00	0.00
20.0	40.0	509.22	457.90	17.02	17.02	0.00	0.00	0.00	0.00
0.0	20.0	509.22	620.80	18.13	18.13	0.00	0.00	0.00	0.00

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

LOADING CONDITION A

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

MAST LOADING

MAST LOADING

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	235.0	0.00	0.0	0.0	0.18	0.15	0.00	0.00
C	225.0	0.00	0.0	0.0	8.24	7.20	0.00	0.00
C	213.0	0.00	0.0	0.0	6.13	4.80	0.00	0.00
C	201.0	0.00	0.0	0.0	6.05	4.80	0.00	0.00
C	189.0	0.00	0.0	0.0	5.97	4.80	0.00	0.00
D	230.0	0.00	180.0	0.0	0.06	0.04	0.00	0.00
D	225.0	0.00	180.0	0.0	0.06	0.04	0.00	0.00
D	225.0	0.00	42.0	0.0	0.11	0.06	0.06	0.08
D	220.0	0.00	42.0	0.0	0.11	0.06	0.06	0.08
D	220.0	0.00	42.0	0.0	0.12	0.09	0.06	0.08
D	215.0	0.00	42.0	0.0	0.12	0.09	0.06	0.08
D	215.0	0.00	63.7	0.0	0.12	0.10	0.06	0.09
D	210.0	0.00	63.7	0.0	0.12	0.10	0.06	0.09
D	210.0	0.00	76.5	0.0	0.13	0.11	0.06	0.10
D	200.0	0.00	80.5	0.0	0.14	0.11	0.06	0.09
D	200.0	0.00	97.9	0.0	0.17	0.17	0.05	0.06
D	190.0	0.00	100.3	0.0	0.17	0.17	0.05	0.06
D	190.0	0.00	101.7	0.0	0.17	0.18	0.01	0.05
D	180.0	0.00	180.0	0.0	0.18	0.19	0.00	0.04
D	180.0	0.00	180.0	0.0	0.18	0.21	0.00	0.04
D	160.0	0.00	180.0	0.0	0.18	0.22	0.00	0.04
D	160.0	0.00	180.0	0.0	0.18	0.24	0.00	0.04
D	140.0	0.00	180.0	0.0	0.19	0.25	0.00	0.04
D	140.0	0.00	180.0	0.0	0.18	0.25	0.00	0.04
D	120.0	0.00	180.0	0.0	0.19	0.25	0.00	0.04
D	120.0	0.00	180.0	0.0	0.20	0.27	0.00	0.04
D	100.0	0.00	180.0	0.0	0.21	0.27	0.00	0.04
D	100.0	0.00	180.0	0.0	0.18	0.31	0.00	0.04
D	80.0	0.00	180.0	0.0	0.19	0.31	0.00	0.04
D	80.0	0.00	180.0	0.0	0.19	0.35	0.00	0.03
D	60.0	0.00	180.0	0.0	0.19	0.35	0.00	0.04
D	60.0	0.00	180.0	0.0	0.18	0.35	0.00	0.03
D	20.0	0.00	180.0	0.0	0.18	0.38	0.00	0.03
D	20.0	0.00	180.0	0.0	0.16	0.38	0.00	0.03
D	0.0	0.00	180.0	0.0	0.16	0.39	0.00	0.03

LOADING CONDITION M

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

MAST LOADING

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	235.0	0.00	0.0	0.0	0.18	0.12	0.00	0.00
C	225.0	0.00	0.0	0.0	8.24	5.40	0.00	0.00
C	213.0	0.00	0.0	0.0	6.13	3.60	0.00	0.00
C	201.0	0.00	0.0	0.0	6.05	3.60	0.00	0.00
C	189.0	0.00	0.0	0.0	5.97	3.60	0.00	0.00
D	230.0	0.00	180.0	0.0	0.06	0.03	0.00	0.00
D	225.0	0.00	180.0	0.0	0.06	0.03	0.00	0.00
D	225.0	0.00	42.0	0.0	0.11	0.04	0.04	0.08
D	220.0	0.00	42.0	0.0	0.11	0.04	0.04	0.08
D	220.0	0.00	42.0	0.0	0.12	0.07	0.04	0.08
D	215.0	0.00	42.0	0.0	0.12	0.07	0.04	0.08
D	215.0	0.00	65.8	0.0	0.12	0.07	0.04	0.09
D	200.0	0.00	81.3	0.0	0.14	0.09	0.04	0.09
D	200.0	0.00	97.9	0.0	0.17	0.13	0.04	0.06
D	190.0	0.00	100.3	0.0	0.17	0.12	0.04	0.06
D	190.0	0.00	101.7	0.0	0.17	0.14	0.01	0.05
D	180.0	0.00	180.0	0.0	0.18	0.14	0.00	0.04
D	180.0	0.00	180.0	0.0	0.18	0.16	0.00	0.04
D	160.0	0.00	180.0	0.0	0.18	0.16	0.00	0.04
D	160.0	0.00	180.0	0.0	0.18	0.18	0.00	0.04
D	140.0	0.00	180.0	0.0	0.19	0.18	0.00	0.04
D	140.0	0.00	180.0	0.0	0.18	0.19	0.00	0.04
D	120.0	0.00	180.0	0.0	0.19	0.19	0.00	0.04
D	120.0	0.00	180.0	0.0	0.20	0.20	0.00	0.04
D	100.0	0.00	180.0	0.0	0.21	0.21	0.00	0.04
D	100.0	0.00	180.0	0.0	0.18	0.23	0.00	0.04
D	80.0	0.00	180.0	0.0	0.19	0.24	0.00	0.04
D	80.0	0.00	180.0	0.0	0.19	0.26	0.00	0.03
D	60.0	0.00	180.0	0.0	0.19	0.26	0.00	0.04
D	60.0	0.00	180.0	0.0	0.18	0.26	0.00	0.03
D	20.0	0.00	180.0	0.0	0.18	0.28	0.00	0.03
D	20.0	0.00	180.0	0.0	0.16	0.29	0.00	0.03
D	0.0	0.00	180.0	0.0	0.16	0.29	0.00	0.03

LOADING CONDITION Y

30 mph wind with 1.5 ice. Wind Azimuth: 0♦

MAST LOADING
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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	235.0	0.00	0.0	0.0	0.03	0.30	0.00	0.00
C	225.0	0.00	0.0	0.0	1.16	18.10	0.00	0.00
C	213.0	0.00	0.0	0.0	1.40	12.03	0.00	0.00
C	201.0	0.00	0.0	0.0	1.38	11.99	0.00	0.00
C	189.0	0.00	0.0	0.0	1.36	11.94	0.00	0.00
D	230.0	0.00	180.0	0.0	0.01	0.18	0.00	0.00
D	225.0	0.00	180.0	0.0	0.01	0.18	0.00	0.00
D	225.0	0.00	42.0	0.0	0.01	0.25	0.22	0.01
D	220.0	0.00	42.0	0.0	0.01	0.25	0.22	0.01
D	220.0	0.00	42.0	0.0	0.01	0.31	0.22	0.01
D	215.0	0.00	42.0	0.0	0.01	0.31	0.22	0.01
D	215.0	0.00	68.6	0.0	0.01	0.33	0.20	0.01
D	210.0	0.00	68.6	0.0	0.01	0.33	0.20	0.01
D	210.0	0.00	85.9	0.0	0.01	0.37	0.22	0.01
D	205.0	0.00	85.9	0.0	0.01	0.37	0.22	0.01
D	205.0	0.00	88.0	0.0	0.02	0.39	0.20	0.01
D	200.0	0.00	88.0	0.0	0.02	0.39	0.20	0.01
D	200.0	0.00	97.9	0.0	0.02	0.53	0.14	0.00
D	195.0	0.00	97.9	0.0	0.02	0.53	0.14	0.00
D	195.0	0.00	100.3	0.0	0.02	0.50	0.14	0.00
D	190.0	0.00	100.3	0.0	0.02	0.50	0.14	0.00
D	190.0	0.00	101.7	0.0	0.02	0.56	0.03	0.00
D	185.0	0.00	101.7	0.0	0.02	0.56	0.03	0.00
D	185.0	0.00	180.0	0.0	0.02	0.58	0.00	0.00
D	180.0	0.00	180.0	0.0	0.02	0.58	0.00	0.00
D	180.0	0.00	180.0	0.0	0.02	0.61	0.00	0.00
D	160.0	0.00	180.0	0.0	0.02	0.63	0.00	0.00
D	160.0	0.00	207.9	0.0	0.02	0.64	0.00	0.00
D	140.0	0.00	180.0	0.0	0.02	0.66	0.00	0.00
D	140.0	0.00	201.4	0.0	0.02	0.66	0.00	0.00
D	120.0	0.00	201.8	0.0	0.02	0.68	0.00	0.00
D	120.0	0.00	201.2	0.0	0.02	0.73	0.00	0.00
D	100.0	0.00	195.1	0.0	0.02	0.74	0.00	0.00
D	100.0	0.00	188.8	0.0	0.02	0.74	0.00	0.00
D	80.0	0.00	196.0	0.0	0.02	0.74	0.00	0.00
D	80.0	0.00	194.2	0.0	0.02	0.79	0.00	0.00
D	50.0	0.00	192.8	0.0	0.02	0.80	0.00	0.00
D	50.0	0.00	198.9	0.0	0.02	0.80	0.00	0.00
D	20.0	0.00	179.9	0.0	0.02	0.83	0.00	0.00
D	20.0	0.00	180.0	0.0	0.02	0.66	0.00	0.00
D	10.0	0.00	180.0	0.0	0.02	0.66	0.00	0.00
D	10.0	0.00	188.7	0.0	0.02	0.75	0.00	0.00
D	0.0	0.00	188.7	0.0	0.02	0.75	0.00	0.00

MAXIMUM TENSION IN MAST MEMBERS (kip)
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ELEV ft	LEGS	DIAG	HORIZ	BRACE
230.0	----------		0.43 M	0.00 A
	0.08 S	1.03 G		
225.0	----------		0.10 G	0.00 A
	3.12 M	4.23 M		
220.0	----------		1.88 A	0.00 A
	13.81 M	4.47 M		
215.0	----------		0.25 A	0.00 A
	26.86 M	6.59 H		
210.0	----------		0.08 S	0.00 A
	44.08 M	7.92 N		
205.0	----------		0.34 A	0.00 A
	64.21 M	8.82 B		
200.0	----------		1.07 S	0.00 A
	83.01 M	7.53 N		
195.0	----------		0.35 A	0.00 A
	100.94 M	7.16 B		
190.0	----------		0.04 O	0.00 A
	116.09 M	8.53 M		
185.0	----------		0.29 A	0.00 A
	135.08 M	8.55 H		
180.0	----------		0.03 A	0.00 A
	150.89 M	7.94 T		
175.0	----------		0.18 A	0.00 A
	166.60 M	7.70 H		
170.0	----------		0.08 A	0.00 A
	179.95 M	7.33 T		
165.0	----------		0.14 A	0.00 A
	193.20 M	7.20 B		
160.0	----------		0.09 A	0.00 A
	206.58 M	7.52 T		
153.3	----------		0.15 A	0.00 A
	221.67 M	7.36 B		

146.7	----------		0.09 A	0.00 A
	235.08 M	7.16 T		
140.0	----------		0.13 A	0.00 A
	248.20 M	7.11 H		
133.3	----------		0.08 A	0.00 A
	260.21 M	7.01 N		
126.7	----------		0.11 A	0.00 A
	271.99 M	7.02 T		
120.0	----------		0.07 A	0.00 A
	283.00 M	7.02 T		
113.3	----------		0.12 A	0.00 A
	293.85 M	7.10 T		
106.7	----------		0.06 A	0.00 A
	304.21 M	7.16 T		
100.0	----------		0.11 A	0.00 A
	316.78 M	7.94 T		
90.0	----------		0.09 A	0.00 A
	331.25 M	7.97 T		
80.0	----------		0.09 A	0.00 A
	345.29 M	8.08 T		
70.0	----------		0.08 A	0.00 A
	358.75 M	8.19 N		
60.0	----------		0.08 A	0.00 A
	371.93 M	8.33 T		
50.0	----------		0.07 A	0.00 A
	384.68 M	8.47 T		
40.0	----------		0.07 A	0.00 A
	397.17 M	8.63 T		
30.0	----------		0.06 A	0.00 A
	409.32 M	8.78 N		
20.0	----------		0.01 A	0.00 A
	421.26 M	8.94 N		
10.0	----------		0.06 A	0.00 A
	432.82 M	9.06 T		
0.0	----------		0.00 A	0.00 A

MAXIMUM COMPRESSION IN MAST MEMBERS (kip)

ELEV ft	LEGS	DIAG	HORIZ	BRACE
230.0	----------		-0.63 G	0.00 A
	-0.89 Y	-0.74 X		
225.0	----------		-0.06 M	0.00 A
	-7.18 G	-4.61 G		
220.0	----------		-1.47 S	0.00 A
	-18.37 G	-4.76 G		
215.0	----------		-0.17 S	0.00 A
	-34.03 G	-6.47 N		
210.0	----------		-0.09 A	0.00 A
	-52.57 G	-8.03 B		
205.0	----------		-0.26 S	0.00 A
	-73.95 G	-8.84 B		
200.0	----------		-1.18 A	0.00 A
	-95.19 G	-7.92 G		
195.0	----------		-0.28 S	0.00 A
	-114.56 G	-6.96 N		
190.0	----------		-0.04 I	0.00 A
	-132.04 G	-8.89 G		
185.0	----------		-0.23 S	0.00 A
	-152.87 G	-8.41 N		
180.0	----------		-0.02 S	0.00 A
	-169.11 G	-8.10 B		
175.0	----------		-0.15 S	0.00 A
	-185.93 G	-7.61 N		
170.0	----------		-0.07 S	0.00 A
	-199.88 G	-7.45 B		
165.0	----------		-0.12 S	0.00 A
	-214.17 G	-7.14 T		
160.0	----------		-0.08 S	0.00 A
	-228.40 G	-7.63 B		
153.3	----------		-0.13 S	0.00 A
	-244.91 G	-7.33 T		
146.7	----------		-0.07 S	0.00 A
	-259.46 G	-7.24 B		
140.0	----------		-0.11 S	0.00 A
	-273.99 G	-7.09 N		
133.3	----------		-0.07 S	0.00 A
	-287.22 G	-7.07 B		
126.7	----------		-0.09 S	0.00 A
	-300.41 G	-7.01 N		
120.0	----------		-0.06 S	0.00 A
	-312.74 G	-7.07 B		
113.3	----------		-0.10 S	0.00 A
	-325.08 G	-7.10 T		
106.7	----------		-0.05 S	0.00 A
	-336.87 G	-7.20 B		
100.0	----------		-0.09 S	0.00 A
	-351.40 G	-7.96 B		

90.0	----------		-0.08 S	0.00 A
	-368.31 G	-8.04 G		
80.0	----------		-0.08 S	0.00 A
	-384.95 G	-8.11 B		
70.0	----------		-0.07 S	0.00 A
	-401.09 G	-8.26 G		
60.0	----------		-0.07 S	0.00 A
	-417.02 G	-8.37 H		
50.0	----------		-0.06 S	0.00 A
	-432.55 G	-8.54 G		
40.0	----------		-0.06 S	0.00 A
	-447.92 G	-8.66 H		
30.0	----------		-0.05 S	0.00 A
	-462.99 G	-8.86 G		
20.0	----------		-0.01 S	0.00 A
	-477.94 G	-8.97 H		
10.0	----------		-0.05 S	0.00 A
	-492.50 G	-9.17 G		
0.0	----------		0.00 A	0.00 A

FORCE/RESISTANCE RATIO IN LEGS
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MAST ELEV ft	-- LEG COMPRESSION - MAX COMP	COMP RESIST	FORCE/ RESIST RATIO	---- LEG TENSION --- MAX TENS	TENS RESIST	FORCE/ RESIST RATIO
230.00	----------					
	0.89	31.84	0.03	0.08	51.90	0.00
225.00	----------					
	7.18	31.84	0.23	3.12	51.90	0.06
220.00	----------					
	18.37	75.23	0.24	13.81	109.12	0.13
215.00	----------					
	34.03	75.23	0.45	26.86	109.12	0.25
210.00	----------					
	52.57	75.23	0.70	44.08	109.12	0.40
205.00	----------					
	73.95	75.23	0.98	64.21	109.12	0.59
200.00	----------					
	95.19	177.29	0.54	83.01	213.88	0.39
195.00	----------					
	114.56	177.29	0.65	100.94	213.88	0.47
190.00	----------					
	132.04	177.29	0.74	116.09	213.88	0.54
185.00	----------					
	152.87	177.29	0.86	135.08	213.88	0.63
180.00	----------					
	169.11	256.32	0.66	150.89	296.33	0.51
175.00	----------					
	185.93	256.32	0.73	166.60	296.33	0.56
170.00	----------					
	199.88	256.32	0.78	179.95	296.33	0.61
165.00	----------					
	214.17	256.32	0.84	193.20	296.33	0.65
160.00	----------					
	228.40	312.59	0.73	206.58	327.10	0.63
153.33	----------					
	244.91	312.59	0.78	221.67	327.10	0.68
146.67	----------					
	259.46	312.59	0.83	235.08	327.10	0.72
140.00	----------					
	273.99	312.59	0.88	248.20	385.58	0.64
133.33	----------					
	287.22	312.59	0.92	260.21	385.58	0.67
126.67	----------					
	300.41	312.59	0.96	271.99	385.58	0.71
120.00	----------					
	312.74	359.86	0.87	283.00	407.40	0.69
113.33	----------					
	325.08	359.86	0.90	293.85	407.40	0.72
106.67	----------					
	336.87	359.86	0.94	304.21	407.40	0.75
100.00	----------					
	351.40	509.22	0.69	316.78	457.90	0.69
90.00	----------					
	368.31	509.22	0.72	331.25	457.90	0.72
80.00	----------					
	384.95	509.22	0.76	345.29	457.90	0.75
70.00	----------					
	401.09	509.22	0.79	358.75	457.90	0.78
60.00	----------					
	417.02	509.22	0.82	371.93	457.90	0.81
50.00	----------					
	432.55	509.22	0.85	384.68	457.90	0.84
40.00	----------					
	447.92	509.22	0.88	397.17	457.90	0.87
30.00	----------					
	462.99	509.22	0.91	409.32	457.90	0.89
20.00	----------					
	477.94	509.22	0.94	421.26	620.80	0.68
10.00	----------					
	492.50	509.22	0.97	432.82	620.80	0.70

0.00 ----------

FORCE/RESISTANCE RATIO IN DIAGONALS
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MAST ELEV ft	- DIAG COMPRESSION - MAX COMP	COMP RESIST	FORCE/ RESIST RATIO	--- DIAG TENSION -- MAX TENS	TENS RESIST	FORCE/ RESIST RATIO
230.00						
	0.74	7.16	0.10	1.03	7.16	0.14
225.00						
	4.61	7.16	0.64	4.23	7.16	0.59
220.00						
	4.76	10.74	0.44	4.47	10.74	0.42
215.00						
	6.47	10.74	0.60	6.59	10.74	0.61
210.00						
	8.03	10.74	0.75	7.92	10.74	0.74
205.00						
	8.84	10.74	0.82	8.82	10.74	0.82
200.00						
	7.92	10.74	0.74	7.53	10.74	0.70
195.00						
	6.96	10.74	0.65	7.16	10.74	0.67
190.00						
	8.89	10.74	0.83	8.53	10.74	0.79
185.00						
	8.41	10.74	0.78	8.55	10.74	0.80
180.00						
	8.10	10.38	0.78	7.94	10.38	0.76
175.00						
	7.61	10.38	0.73	7.70	10.38	0.74
170.00						
	7.45	10.38	0.72	7.33	10.38	0.71
165.00						
	7.14	10.38	0.69	7.20	10.38	0.69
160.00						
	7.63	12.47	0.61	7.52	12.47	0.60
153.33						
	7.33	12.47	0.59	7.36	12.47	0.59
146.67						
	7.24	12.47	0.58	7.16	12.47	0.57
140.00						
	7.09	9.45	0.75	7.11	9.45	0.75
133.33						
	7.07	9.45	0.75	7.01	9.45	0.74
126.67						
	7.01	9.45	0.74	7.02	9.45	0.74
120.00						
	7.07	13.10	0.54	7.02	13.10	0.54
113.33						
	7.10	13.10	0.54	7.10	13.10	0.54
106.67						
	7.20	13.10	0.55	7.16	13.10	0.55
100.00						
	7.96	8.84	0.90	7.94	8.84	0.90
90.00						
	8.04	8.84	0.91	7.97	8.84	0.90
80.00						
	8.11	15.88	0.51	8.08	15.88	0.51
70.00						
	8.26	15.88	0.52	8.19	15.88	0.52
60.00						
	8.37	13.59	0.62	8.33	13.59	0.61
50.00						
	8.54	13.59	0.63	8.47	13.59	0.62
40.00						
	8.66	17.02	0.51	8.63	17.02	0.51
30.00						
	8.86	17.02	0.52	8.78	17.02	0.52
20.00						
	8.97	18.13	0.49	8.94	18.13	0.49
10.00						
	9.17	18.13	0.51	9.06	18.13	0.50
0.00						

MAXIMUM INDIVIDUAL FOUNDATION LOADS: (kip)
==========

LOAD---COMPONENTS---------- NORTH	EAST	DOWN	UPLIFT	TOTAL SHEAR
43.09 G	37.02 K	499.07 G	-437.92 M	43.10 G

MAXIMUM TOTAL LOADS ON FOUNDATION : (kip & kip-ft)
==========

------HORIZONTAL----- NORTH	EAST	TOTAL @ 0.0	DOWN	---------OVERTURNING--------- NORTH	EAST	TOTAL @ 0.0	TORSION
69.2	-66.2	69.2	204.9	10206.0	-9818.2	10206.0	24.5

G D G f G D G X

Service Load Condition

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

LOADING CONDITION A

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

MAST LOADING

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	235.0	0.00	0.0	0.0	0.06	0.13	0.00	0.00
C	225.0	0.00	0.0	0.0	2.69	6.00	0.00	0.00
C	213.0	0.00	0.0	0.0	2.00	4.00	0.00	0.00
C	201.0	0.00	0.0	0.0	1.98	4.00	0.00	0.00
C	189.0	0.00	0.0	0.0	1.95	4.00	0.00	0.00
D	230.0	0.00	180.0	0.0	0.02	0.03	0.00	0.00
D	225.0	0.00	180.0	0.0	0.02	0.03	0.00	0.00
D	225.0	0.00	42.0	0.0	0.03	0.05	0.05	0.03
D	220.0	0.00	42.0	0.0	0.03	0.05	0.05	0.03
D	220.0	0.00	42.0	0.0	0.04	0.08	0.05	0.03
D	215.0	0.00	42.0	0.0	0.04	0.08	0.05	0.03
D	215.0	0.00	65.8	0.0	0.04	0.08	0.05	0.03
D	200.0	0.00	81.3	0.0	0.05	0.10	0.05	0.03
D	200.0	0.00	97.9	0.0	0.06	0.14	0.04	0.02
D	190.0	0.00	100.3	0.0	0.05	0.14	0.04	0.02
D	190.0	0.00	101.7	0.0	0.06	0.15	0.01	0.01
D	180.0	0.00	180.0	0.0	0.06	0.16	0.00	0.01
D	180.0	0.00	180.0	0.0	0.06	0.18	0.00	0.01
D	160.0	0.00	180.0	0.0	0.06	0.18	0.00	0.01
D	160.0	0.00	180.0	0.0	0.06	0.20	0.00	0.01
D	140.0	0.00	180.0	0.0	0.06	0.20	0.00	0.01
D	140.0	0.00	180.0	0.0	0.06	0.21	0.00	0.01
D	120.0	0.00	180.0	0.0	0.06	0.21	0.00	0.01
D	120.0	0.00	180.0	0.0	0.07	0.22	0.00	0.01
D	100.0	0.00	180.0	0.0	0.07	0.23	0.00	0.01
D	100.0	0.00	180.0	0.0	0.06	0.26	0.00	0.01
D	80.0	0.00	180.0	0.0	0.07	0.26	0.00	0.01
D	80.0	0.00	180.0	0.0	0.07	0.29	0.00	0.01
D	50.0	0.00	180.0	0.0	0.06	0.29	0.00	0.01
D	50.0	0.00	180.0	0.0	0.06	0.30	0.00	0.01
D	0.0	0.00	180.0	0.0	0.06	0.33	0.00	0.01

MAXIMUM MAST DISPLACEMENTS:

ELEV ft	------DEFLECTIONS (ft)----- NORTH	EAST	DOWN	--TILTS (DEG)--- NORTH	EAST	TWIST DEG
230.0	1.076 G	1.037 J	0.014 G	0.614 G	-0.591 D	0.041 L
225.0	1.023 G	0.985 J	0.014 G	0.614 G	-0.592 D	0.041 L
220.0	0.968 G	0.933 J	0.013 G	0.609 G	-0.586 D	0.041 L
215.0	0.915 G	0.881 J	0.013 G	0.601 G	-0.579 D	0.040 L
210.0	0.862 G	0.831 J	0.012 G	0.586 G	-0.564 D	0.039 L
205.0	0.810 G	0.781 J	0.012 G	0.562 G	-0.541 D	0.037 L
200.0	0.762 G	0.734 J	0.011 G	0.527 G	0.508 J	0.036 L
195.0	0.715 G	0.690 J	0.011 G	0.507 G	0.488 J	0.033 L
190.0	0.672 G	0.648 J	0.010 G	0.485 G	0.467 J	0.032 L
185.0	0.629 G	0.606 J	0.010 G	0.460 G	0.444 J	0.030 L
180.0	0.589 G	-0.568 D	0.010 G	0.435 G	0.419 J	0.028 L
175.0	0.550 G	0.531 J	0.009 G	0.416 G	0.401 J	0.026 L
170.0	0.514 G	0.495 J	0.009 G	0.396 G	-0.382 D	0.025 L
165.0	0.479 G	0.462 J	0.009 G	0.376 G	-0.363 D	0.023 L
160.0	0.446 G	0.430 J	0.008 G	0.356 G	-0.343 D	0.022 L

153.3	0.405 G	0.390 J	0.008 G	0.335 G	0.323 J	0.020 L
146.7	0.366 G	0.353 J	0.007 G	0.314 G	0.303 J	0.019 L
140.0	0.330 G	0.318 J	0.007 G	0.293 G	0.282 J	0.018 L
133.3	0.296 G	0.285 J	0.007 G	0.272 G	0.262 J	0.016 L
126.7	0.264 G	0.255 J	0.006 G	0.251 G	0.242 J	0.015 L
120.0	0.235 G	0.226 J	0.006 G	0.231 G	0.222 J	0.013 L
113.3	0.208 G	0.201 J	0.006 G	0.211 G	0.204 J	0.012 L
106.7	0.184 G	0.177 J	0.005 G	0.192 G	0.185 J	0.011 L
100.0	0.162 G	0.156 J	0.005 G	0.173 G	0.167 J	0.010 L
90.0	0.131 G	0.126 J	0.004 G	0.155 G	0.150 J	0.009 L
80.0	0.104 G	0.100 J	0.004 G	0.137 G	0.132 J	0.007 L
70.0	0.081 G	0.078 J	0.004 G	0.119 G	0.115 J	0.006 L
60.0	0.060 G	0.058 J	0.003 G	0.102 G	0.098 J	0.005 L
50.0	0.043 G	0.042 J	0.003 G	0.084 G	0.081 J	0.004 L
40.0	0.029 G	0.028 J	0.002 G	0.067 G	0.065 J	0.003 L
30.0	0.017 G	0.017 J	0.002 D	0.050 G	0.048 J	0.002 L
20.0	0.009 G	0.009 J	0.001 D	0.033 G	0.032 J	0.002 L
10.0	0.003 G	0.003 J	0.001 D	0.016 G	0.016 J	0.001 L
0.0	0.000 A	0.000 A	0.000 A	0.000 A	0.000 A	0.000 A

MAXIMUM TENSION IN MAST MEMBERS (kip)

ELEV ft	LEGS	DIAG	HORIZ	BRACE
230.0	----------		0.07 A	0.00 A
	0.00 A	0.42 G		
225.0	----------		0.05 G	0.00 A
	0.00 A	1.28 A		
220.0	----------		0.74 A	0.00 A
	3.09 A	1.40 A		
215.0	----------		0.10 A	0.00 A
	6.57 A	2.20 B		
210.0	----------		0.02 G	0.00 A
	11.85 A	2.57 H		
205.0	----------		0.14 A	0.00 A
	18.13 A	2.89 H		
200.0	----------		0.31 G	0.00 A
	23.55 A	2.35 H		
195.0	----------		0.13 A	0.00 A
	29.01 A	2.40 H		
190.0	----------		0.01 C	0.00 A
	33.23 A	2.68 A		
185.0	----------		0.11 A	0.00 A
	38.87 A	2.83 H		
180.0	----------		0.01 A	0.00 A
	43.96 A	2.54 H		
175.0	----------		0.07 A	0.00 A
	48.78 A	2.54 H		
170.0	----------		0.03 A	0.00 A
	53.00 A	2.35 H		
165.0	----------		0.05 A	0.00 A
	57.06 A	2.38 H		
160.0	----------		0.03 A	0.00 A
	61.24 A	2.43 B		
153.3	----------		0.06 A	0.00 A
	65.82 A	2.43 H		
146.7	----------		0.03 A	0.00 A
	69.95 A	2.32 B		
140.0	----------		0.05 A	0.00 A
	73.90 A	2.34 H		
133.3	----------		0.03 A	0.00 A
	77.55 A	2.29 B		
126.7	----------		0.04 A	0.00 A
	81.09 A	2.32 H		
120.0	----------		0.03 A	0.00 A
	84.40 A	2.30 H		
113.3	----------		0.04 A	0.00 A
	87.62 A	2.35 H		
106.7	----------		0.02 A	0.00 A
	90.71 A	2.36 H		
100.0	----------		0.04 A	0.00 A
	94.40 A	2.63 H		
90.0	----------		0.03 A	0.00 A
	98.63 A	2.65 H		
80.0	----------		0.03 A	0.00 A
	102.68 A	2.70 H		
70.0	----------		0.03 A	0.00 A
	106.53 A	2.74 H		
60.0	----------		0.03 A	0.00 A
	110.28 A	2.80 B		
50.0	----------		0.03 A	0.00 A
	113.90 A	2.85 H		
40.0	----------		0.03 A	0.00 A
	117.40 A	2.91 B		
30.0	----------		0.02 A	0.00 A
	120.79 A	2.96 H		
20.0	----------		0.00 A	0.00 A
	124.09 A	3.02 B		
10.0	----------		0.02 A	0.00 A
	127.28 A	3.06 H		
0.0	----------		0.00 A	0.00 A

MAXIMUM COMPRESSION IN MAST MEMBERS (kip)

ELEV ft	LEGS	DIAG	HORIZ	BRACE
230.0			-0.27 G	0.00 A
	-0.37 A	-0.15 B		
225.0			-0.01 A	0.00 A
	-3.51 G	-1.62 G		
220.0			-0.35 G	0.00 A
	-7.32 G	-1.63 G		
215.0			-0.03 G	0.00 A
	-13.18 G	-2.09 B		
210.0			-0.03 A	0.00 A
	-19.59 G	-2.66 B		
205.0			-0.06 G	0.00 A
	-26.89 G	-2.91 B		
200.0			-0.42 A	0.00 A
	-34.49 G	-2.69 G		
195.0			-0.07 G	0.00 A
	-41.19 G	-2.21 H		
190.0			-0.01 I	0.00 A
	-47.52 G	-2.98 G		
185.0			-0.06 G	0.00 A
	-54.79 G	-2.69 H		
180.0			-0.01 G	0.00 A
	-60.15 G	-2.69 H		
175.0			-0.04 G	0.00 A
	-65.91 G	-2.46 B		
170.0			-0.02 G	0.00 A
	-70.59 G	-2.47 H		
165.0			-0.03 G	0.00 A
	-75.50 G	-2.32 H		
160.0			-0.02 G	0.00 A
	-80.33 G	-2.53 H		
153.3			-0.03 G	0.00 A
	-86.07 G	-2.39 B		
146.7			-0.02 G	0.00 A
	-91.08 G	-2.40 H		
140.0			-0.03 G	0.00 A
	-96.17 G	-2.33 B		
133.3			-0.02 G	0.00 A
	-100.78 G	-2.35 H		
126.7			-0.02 G	0.00 A
	-105.42 G	-2.31 B		
120.0			-0.02 G	0.00 A
	-109.76 G	-2.35 H		
113.3			-0.03 G	0.00 A
	-114.15 G	-2.35 H		
106.7			-0.01 G	0.00 A
	-118.36 G	-2.41 H		
100.0			-0.02 G	0.00 A
	-123.60 G	-2.66 H		
90.0			-0.02 G	0.00 A
	-129.75 G	-2.70 H		
80.0			-0.02 G	0.00 A
	-135.87 G	-2.73 H		
70.0			-0.02 G	0.00 A
	-141.85 G	-2.79 H		
60.0			-0.02 G	0.00 A
	-147.79 G	-2.83 H		
50.0			-0.02 G	0.00 A
	-153.62 G	-2.90 H		
40.0			-0.02 G	0.00 A
	-159.41 G	-2.95 H		
30.0			-0.01 G	0.00 A
	-165.11 G	-3.01 B		
20.0			0.00 G	0.00 A
	-170.79 G	-3.05 H		
10.0			-0.01 G	0.00 A
	-176.35 G	-3.12 B		
0.0			0.00 A	0.00 A

MAXIMUM INDIVIDUAL FOUNDATION LOADS: (kip)

LOAD---COMPONENTS				TOTAL
NORTH	EAST	DOWN	UPLIFT	SHEAR
15.18 G	13.04 K	178.89 G	-128.65 A	15.18 G

MAXIMUM TOTAL LOADS ON FOUNDATION : (kip & kip-ft)

HORIZONTAL			DOWN	OVERTURNING			TORSION
NORTH	EAST	TOTAL		NORTH	EAST	TOTAL	
		@ 0.0				@ 0.0	

23.1	22.1	23.1	69.2	3373.9	3247.6	3373.9	8.0
G	J	G	D	G	J	G	L

Leg Connection Details												
Bottom Elevation (ft)	Top Elevation (ft)	Pipe Dimensions	Top Splice					Bottom Splice/Base				
			Bolt Qty.	Bolt Dia. (in)	Bolt Circle (in)	Plate Thickness (in)	Plate Dia. (in)	Bolt Qty.	Bolt Dia. (in)	Bolt Circle (in)	Plate Thickness (in)	Plate Dia. (in)
220	230	2.375 OD X .154						6	0.75	6.50	0.75	8.50
200	220	2.875 OD X .276	6	0.75	6.50	1.00	8.50	6	1.00	9.00	1.25	11.50
180	200	4.500 OD X .337	6	1.00	9.00	1.25	11.50	6	1.00	9.00	1.25	11.50
160	180	5.563 OD X .375	6	1.00	9.00	1.25	11.50	6	1.00	9.00	1.25	11.50
140	160	5.563 OD X .500	6	1.00	9.00	1.25	11.50	6	1.00	9.00	1.25	11.50
120	140	5.563 OD X .500	6	1.00	9.00	1.25	11.50	6	1.25	12.50	1.75	15.75
100	120	8.625 OD X .322	6	1.25	12.50	1.50	15.75	6	1.25	12.50	1.50	15.75
80	100	8.625 OD X .500	6	1.25	12.50	1.50	15.75	6	1.25	12.50	1.50	15.75
60	80	8.625 OD X .500	6	1.25	12.50	1.50	15.75	6	1.25	12.50	1.50	15.75
40	60	8.625 OD X .500	6	1.25	12.50	1.50	15.75	6	1.25	12.50	1.50	15.75
20	40	8.625 OD X .500	6	1.25	12.50	1.50	15.75	6	1.25	12.50	1.50	15.75
0	20	8.625 OD X .500	6	1.25	12.50	1.50	15.75	6	1.50	13.25	1.75	17.00

Diagonal Bracing Connection Details								
Bottom Elevation (ft)	Top Elevation (ft)	Angle Shape	Bolt Qty.	Bolt Dia. (in)	Bolt End Distance (in)	Bolt Spacing (in)	Gage Distance From Heel (in)	Gusset Plate Thickness (in)
220	230	L 2 X 2 X 1/8	1	0.625	1.500		1.125	0.375
200	220	L 2 X 2 X 3/16	1	0.625	1.500		1.125	0.375
180	200	L 2 X 2 X 3/16	1	0.625	1.500		1.125	0.375
160	180	L 2 X 2 X 3/16	1	0.625	1.500		1.125	0.375
140	160	L 2 1/2 X 2 1/2 X 3/16	1	0.625	1.500		1.375	0.375
120	140	L 2 1/2 X 2 1/2 X 3/16	1	0.625	1.500		1.375	0.375
100	120	L 3 X 3 X 3/16	1	0.750	1.500		1.750	0.375
80	100	L 3 X 3 X 3/16	1	0.750	1.625		1.750	0.375
60	80	L 3 1/2 X 3 1/2 X 1/4	1	0.750	1.625		1.750	0.375
40	60	L 3 1/2 X 3 1/2 X 1/4	1	0.750	1.625		1.750	0.375
20	40	L 4 X 4 X 1/4	1	0.750	1.625		2.000	0.375
0	20	L 4 X 4 X 1/4	2	0.625	1.625	2.1250	2.000	0.500

MAT FOUNDATION DESIGN BY SABRE INDUSTRIES

230' S3TL Series HD1 AT&T Touristville, KY (467314) 2020-09-15 DJH

Overall Loads:	
Factored Moment (ft-kips)	10206.01
Factored Axial (kips)	204.91
Factored Shear (kips)	69.17
Individual Leg Loads:	
Factored Uplift (kips)	438.00
Factored Download (kips)	499.00
Factored Shear (kips)	43.00
Width of Tower (ft)	25
Ultimate Bearing Pressure	5.00
Bearing Φs	0.75
Bearing Design Strength (ksf)	3.75
Water Table Below Grade (ft)	999
Width of Mat (ft)	33.5
Thickness of Mat (ft)	1.5
Depth to Bottom of Slab (ft)	6.5
Bolt Circle Diameter (in)	13.25
Effective Anchor Bolt Embedment	65.125
Diameter of Pier (ft)	4
Ht. of Pier Above Ground (ft)	0.5
Ht. of Pier Below Ground (ft)	5
Quantity of Bars in Mat	63
Bar Diameter in Mat (in)	1.128
Area of Bars in Mat (in^2)	62.96
Spacing of Bars in Mat (in)	6.37
Quantity of Bars Pier	22
Bar Diameter in Pier (in)	0.875
Tie Bar Diameter in Pier (in)	0.5
Spacing of Ties (in)	4
Area of Bars in Pier (in^2)	13.23
Spacing of Bars in Pier (in)	5.71
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)	70.03

Tower eccentric from mat (ft)=	2
Allowable Bearing Pressure (ksf)	2.50
Safety Factor	2.00
Max. Factored Net Bearing Pressure (ksf)	3.23
Minimum Mat Width (ft)	31.33
Minimum Pier Diameter (ft)	2.44
Equivalent Square b (ft)	3.54
Recommended Spacing (in)	6 to 12
Minimum Pier A_s (in^2)	9.05
Recommended Spacing (in)	5 to 12

MAT FOUNDATION DESIGN BY SABRE INDUSTRIES (CONTINUED)

Two-Way Shear:

Average d (in)	13.872		
ϕv_c (ksi)	0.201	v_u (ksi)	0.161
$\phi v_c = \phi(2 + 4/\beta_c)f'_c{}^{1/2}$	0.302		
$\phi v_c = \phi(\alpha_s d/b_o+2)f'_c{}^{1/2}$	0.224		
$\phi v_c = \phi 4f'_c{}^{1/2}$	0.201		
Shear perimeter, b_o (in)	225.64		
β_c	1		

Stability:

Overturning Design Strength (ft-k)	14029.9	Factored Overturning Moment (ft-k)	10690.2

One-Way Shear:

ϕV_c (kips)	561.1	V_u (kips)	515.3

Pier Design:

Design Tensile Strength (kips)	714.4	Tu (kips)	438.0

Shear:

ϕ	0.75		
V_c (kips)	127.6		
V_s (kips)	226.2	$V_{s,max}$ (kips)	989.2
ϕV_n (kips)	265.3	V_u (kips)	43.0
Maximum Spacing (in)	9.76	(Only if Shear Ties are Required)	
Actual Hook Development (in)	12.74	Req'd Hook Development l_{dh} (in) - Tension	10.96
		Req'd Hook Development l_{dc} (in) - Compression	11.81

Anchor Bolt Pull-Out:

$N_{ua} / \phi N_n$	0.74	$V_{ua} / \phi V_n$	0.13
Pier Rebar Development Length (in)	52.72	Required Length of Development (in)	23.48

Flexure in Slab:

ϕM_n (ft-kips)	3582.1	M_u (ft-kips)	3572.9
a (in)	2.46		
Steel Ratio	0.01129		
β_1	0.825		
Maximum Steel Ratio (ρ_t)	0.0197		
Minimum Steel Ratio	0.0018		

Condition	1 is OK, 0 Fails
Minimum Mat Width	1
Maximum Soil Bearing Pressure	1
Pier Area of Steel	1
Pier Shear	1
Two-Way Shear	1
Overturning	1
Anchor Bolt Pull-Out	1
Flexure	1
Steel Ratio	1
One-Way Shear	1
Hook Development	1
Minimum Mat Depth	1
Anchor Bolt Punching Shear	1

DRILLED STRAIGHT PIER DESIGN BY SABRE INDUSTRIES

230' S3TL Series HD1 AT&T Touristville, KY (467314) 2020-09-15 DJH

Factored Uplift (kips)	438
Factored Download (kips)	499
Factored Shear (kips)	43
Ultimate Bearing Pressure	9
Bearing ϕ_s	0.75
Bearing Design Strength (ksf)	6.75
Water Table Below Grade (ft)	999
Bolt Circle Diameter (in)	13.25
Effective Anchor Bolt Embedment	65.125
Pier Diameter (ft)	5
Ht. Above Ground (ft)	0.5
Pier Length Below Ground (ft)	74.5
Quantity of Bars	14
Bar Diameter (in)	1.27
Area of Bars (in^2)	17.73
Spacing of Bars (in)	11.51
Tie Bar Diameter (in)	0.5
Spacing of Ties (in)	12
f'_c (ksi)	4.5
f_y (ksi)	60
Unit Wt. of Concrete (kcf)	0.15
Volume of Concrete (yd^3)	54.54

Minimum Pier Diameter (ft): 2.44

Minimum Area of Steel (in^2): 14.14

Ignore bottom length in download? ☐

Length to ignore download (ft): 0

Depth at Bottom of Layer (ft)	Ult. Skin Friction (ksf)	(Ult. Skin Friction)*(Uplift Factor)	γ (kcf)
75	0.50	0.50	0.11

DRILLED STRAIGHT PIER DESIGN BY SABRE INDUSTRIES (CONTINUED)

Download:

Φ_s, Download Friction	0.75		
Q_f, Skin Friction (kips)	585.1	W_s (kips)	160.9
Q_b, End Bearing Strength (kips)	176.7	W_c (kips)	220.9
Download Design Strength (kips)	571.4	Factored Net Download (kips)	571.0

Uplift (skin friction):

Φ_s, Uplift (friction)	0.75		
Q_f, Skin Friction (kips)	585.1		
W_c (kips)	220.9		
W_w (kips)	0.0		
Uplift Design Strength (kips)	637.6	Factored Uplift (kips)	438.0

Uplift (cone):

Φ_s, Uplift (cone)	0.75		
$W_{s,cone}$ (kips)	18645.5		
$W_{w,cone}$ (kips)	0.0		
W_c (kips)	220.9		
$W_{w,cyl}$ (kips)	0.0		
Uplift Design Strength (kips)	14182.9	Factored Uplift (kips)	438.0

Tension:

Design Tensile Strength (kips)	957.7	T_u (kips)	438.0

Shear:

ϕ	0.75		
V_c (kips)	266.7		
V_s (kips)	94.2	$V_{s,max}$ (kips)	1545.6
ϕV_n (kips)	270.7	V_u (kips)	43.0

Anchor Bolt Pull-Out:

$N_{ua} / \phi N_n$	0.66	$V_{ua} / \phi V_n$	0.13
Rebar Development Length (in)	48.65	Required Length of Development (in)	34.08

Condition	1 is OK, 0 Fails
Download	1
Uplift	1
Area of Steel	1
Shear	1
Anchor Bolt Pull-Out	1
Interaction Diagram	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	D	San Francisco	CA
View	4108300	Air Voice Wireless, LLC	Cellular	B	Bloomfield Hill	MI
View	4110650	Alliant Technologies of KY, L.L.C.	Cellular	D	Morristown	NJ
View	4111900	ALLNETAIR, INC.	Cellular	C	West Palm Beach	FL
View	44451184	Alltel Corporation d/b/a Verizon Wireless	Cellular	A	Lisle	IL
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	Buford	GA
View	4105700	Assurance Wireless USA, L.P.	Cellular	A	Atlanta	GA
View	4108600	BCN Telecom, Inc.	Cellular	D	Morristown	NJ
View	4106000	Best Buy Health, Inc. d/b/a GreatCall d/b/a Jitterbug	Cellular	A	San Diego	CA
View	4110550	Blue Casa Mobile, LLC	Cellular	D	Santa Barbara	CA
View	4111050	BlueBird Communications, LLC	Cellular	D	New York	NY
View	4202300	Bluegrass Wireless, LLC	Cellular	A	Elizabethtown	KY

View	4107600	Boomerang Wireless, LLC	Cellular	D	Hiawatha	IA
View	4105500	BullsEye Telecom, Inc.	Cellular	D	Southfield	MI
View	4100700	Cellco Partnership dba Verizon Wireless	Cellular	A	Basking Ridge	NJ
View	4111150	Comcast OTR1, LLC	Cellular	C	Phoeniexville	PA
View	4101900	Consumer Cellular, Incorporated	Cellular	A	Portland	OR
View	4106400	Credo Mobile, Inc.	Cellular	A	San Francisco	CA
View	4108850	Cricket Wireless, LLC	Cellular	A	San Antonio	TX
View	4111500	CSC Wireless, LLC d/b/a Altice Wireless	Cellular	D	Long Island City	NY
View	10640	Cumberland Cellular Partnership	Cellular	A	Elizabethtown	KY
View	4111650	DataBytes, Inc.	Cellular	D	Rogers	AR
View	4112000	DISH Wireless L.L.C.	Cellular	C	Englewood	CO
View	4111200	Dynalink Communications, Inc.	Cellular	C	Brooklyn	NY
View	4111800	Earthlink, LLC	Cellular	C	Atlanta	GA
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	4111750	Gabb Wireless, Inc.	Cellular	D	Provo	UT
View	4109350	Global Connection Inc. of America	Cellular	D	Norcross	GA
View	4102200	Globalstar USA, LLC	Cellular	B	Covington	LA
View	4112050	GLOTELL US, Corp.	Cellular	C	Hallandale	FL
View	4109600	Google North America Inc.	Cellular	A	Mountain View	CA
View	33350363	Granite Telecommunications, LLC	Cellular	D	Quincy	MA
View	10630	GTE Wireless of the Midwest dba Verizon Wireless	Cellular	A	Basking Ridge	NJ
View	4111350	HELLO MOBILE TELECOM LLC	Cellular	D	Dania Beach	FL
View	4103100	i-Wireless, LLC	Cellular	B	Newport	KY
View	4109800	IM Telecom, LLC d/b/a Infiniti Mobile	Cellular	D	Dallas	TX
View	4111950	J Rhodes Enterprises LLC	Cellular	C	Gulf Breeze	FL
View	22215360	KDDI America, Inc.	Cellular	D	Staten Island	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	Cellular	A	Elizabethtown	KY

		General				
View	4109550	Kynect Communications, LLC	Cellular	D	Dallas	TX
View	4111250	Liberty Mobile Wireless, LLC	Cellular	D	Sunny Isles Beach	FL
View	4111400	Locus Telecommunications, LLC	Cellular	A	Fort Lee	NJ
View	4107300	Lycamobile USA, Inc.	Cellular	D	Newark	NJ
View	4108800	MetroPCS Michigan, LLC	Cellular	A	Bellevue	WA
View	4111700	Mint Mobile, LLC	Cellular	D	Costa Mesa	CA
View	4109650	Mitel Cloud Services, Inc.	Cellular	D	Mesa	AZ
View	4111850	Mobi, Inc.	Cellular	C	Honolulu	HI
View	4202400	New Cingular Wireless PCS, LLC dba AT&T Mobility, PCS	Cellular	A	San Antonio	TX
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	Chicago	IL
View	4109050	Patriot Mobile LLC	Cellular	D	Irving	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	4107700	Puretalk Holdings, LLC	Cellular	A	Covington	GA
View	4106700	Q Link Wireless, LLC	Cellular	A	Dania	FL
View	4108700	Ready Wireless, LLC	Cellular	C	Hiawatha	IA
View	4110500	Republic Wireless, Inc.	Cellular	A	Raleigh	NC
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	Fremont	NE
View	4110150	Spectrotel, Inc. d/b/a Touch Base Communications	Cellular	D	Neptune	NJ
View	4111450	Spectrum Mobile, LLC	Cellular	A	St. Louis	MO
View	4200100	Sprint Spectrum, L.P.	Cellular	A	Atlanta	GA
View	4200500	SprintCom, Inc.	Cellular	A	Atlanta	GA
View	4111600	STX Group LLC dba Twigby	Cellular	D	Murfreesboro	TN
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	Plano	TX
View	4109700	Telecom Management, Inc. dba Pioneer Telephone	Cellular	D	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	B	Atlanta	GA
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	4110800	Visible Service LLC	Cellular	D	Basking Ridge	NJ
View	4106500	WiMacTel, Inc.	Cellular	D	Palo Alto	CA
View	4110950	Wing Tel Inc.	Cellular	D	New York	NY

EXHIBIT E
FAA

Mail Processing Center
Federal Aviation Administration
Southwest Regional Office
Obstruction Evaluation Group
10101 Hillwood Parkway
Fort Worth, TX 76177

Aeronautical Study No.
2020-ASO-6653-OE

Issued Date: 03/25/2020

Dana Irvin
AT&T
208 S. Akard St.
Dallas, TX 75202

**** DETERMINATION OF NO HAZARD TO AIR NAVIGATION ****

The Federal Aviation Administration has conducted an aeronautical study under the provisions of 49 U.S.C., Section 44718 and if applicable Title 14 of the Code of Federal Regulations, part 77, concerning:

Structure:	Antenna Tower Touristville
Location:	Monticello, KY
Latitude:	36-56-39.67N NAD 83
Longitude:	84-43-28.24W
Heights:	904 feet site elevation (SE)
	245 feet above ground level (AGL)
	1149 feet above mean sea level (AMSL)

This aeronautical study revealed that the structure does not exceed obstruction standards and would not be a hazard to air navigation provided the following condition(s), if any, is(are) met:

As a condition to this Determination, the structure is to be marked/lighted in accordance with FAA Advisory circular 70/7460-1 L Change 2, Obstruction Marking and Lighting, a med-dual system - Chapters 4,8(M-Dual),&12.

Any failure or malfunction that lasts more than thirty (30) minutes and affects a top light or flashing obstruction light, regardless of its position, should be reported immediately to (877) 487-6867 so a Notice to Airmen (NOTAM) can be issued. As soon as the normal operation is restored, notify the same number.

It is required that FAA Form 7460-2, Notice of Actual Construction or Alteration, be e-filed any time the project is abandoned or:

_____ At least 10 days prior to start of construction (7460-2, Part 1)
__X__ Within 5 days after the construction reaches its greatest height (7460-2, Part 2)

This determination expires on 09/25/2021 unless:

(a) the construction is started (not necessarily completed) and FAA Form 7460-2, Notice of Actual Construction or Alteration, is received by this office.
(b) extended, revised, or terminated by the issuing office.

(c) the construction is subject to the licensing authority of the Federal Communications Commission (FCC) and an application for a construction permit has been filed, as required by the FCC, within 6 months of the date of this determination. In such case, the determination expires on the date prescribed by the FCC for completion of construction, or the date the FCC denies the application.

NOTE: REQUEST FOR EXTENSION OF THE EFFECTIVE PERIOD OF THIS DETERMINATION MUST BE E-FILED AT LEAST 15 DAYS PRIOR TO THE EXPIRATION DATE. AFTER RE-EVALUATION OF CURRENT OPERATIONS IN THE AREA OF THE STRUCTURE TO DETERMINE THAT NO SIGNIFICANT AERONAUTICAL CHANGES HAVE OCCURRED, YOUR DETERMINATION MAY BE ELIGIBLE FOR ONE EXTENSION OF THE EFFECTIVE PERIOD.

This determination is based, in part, on the foregoing description which includes specific coordinates, heights, frequency(ies) and power. Any changes in coordinates, heights, and frequencies or use of greater power, except those frequencies specified in the Colo Void Clause Coalition; Antenna System Co-Location; Voluntary Best Practices, effective 21 Nov 2007, will void this determination. Any future construction or alteration, including increase to heights, power, or the addition of other transmitters, requires separate notice to the FAA.This determination includes all previously filed frequencies and power for this structure.

If construction or alteration is dismantled or destroyed, you must submit notice to the FAA within 5 days after the construction or alteration is dismantled or destroyed.

This determination does include temporary construction equipment such as cranes, derricks, etc., which may be used during actual construction of the structure. However, this equipment shall not exceed the overall heights as indicated above. Equipment which has a height greater than the studied structure requires separate notice to the FAA.

This determination concerns the effect of this structure on the safe and efficient use of navigable airspace by aircraft and does not relieve the sponsor of compliance responsibilities relating to any law, ordinance, or regulation of any Federal, State, or local government body.

A copy of this determination will be forwarded to the Federal Communications Commission (FCC) because the structure is subject to their licensing authority.

If we can be of further assistance, please contact our office at (718) 553-2611, or angelique.eersteling@faa.gov. On any future correspondence concerning this matter, please refer to Aeronautical Study Number 2020-ASO-6653-OE.

Signature Control No: 432087162-434548647 (DNE)
Angelique Eersteling
Technician

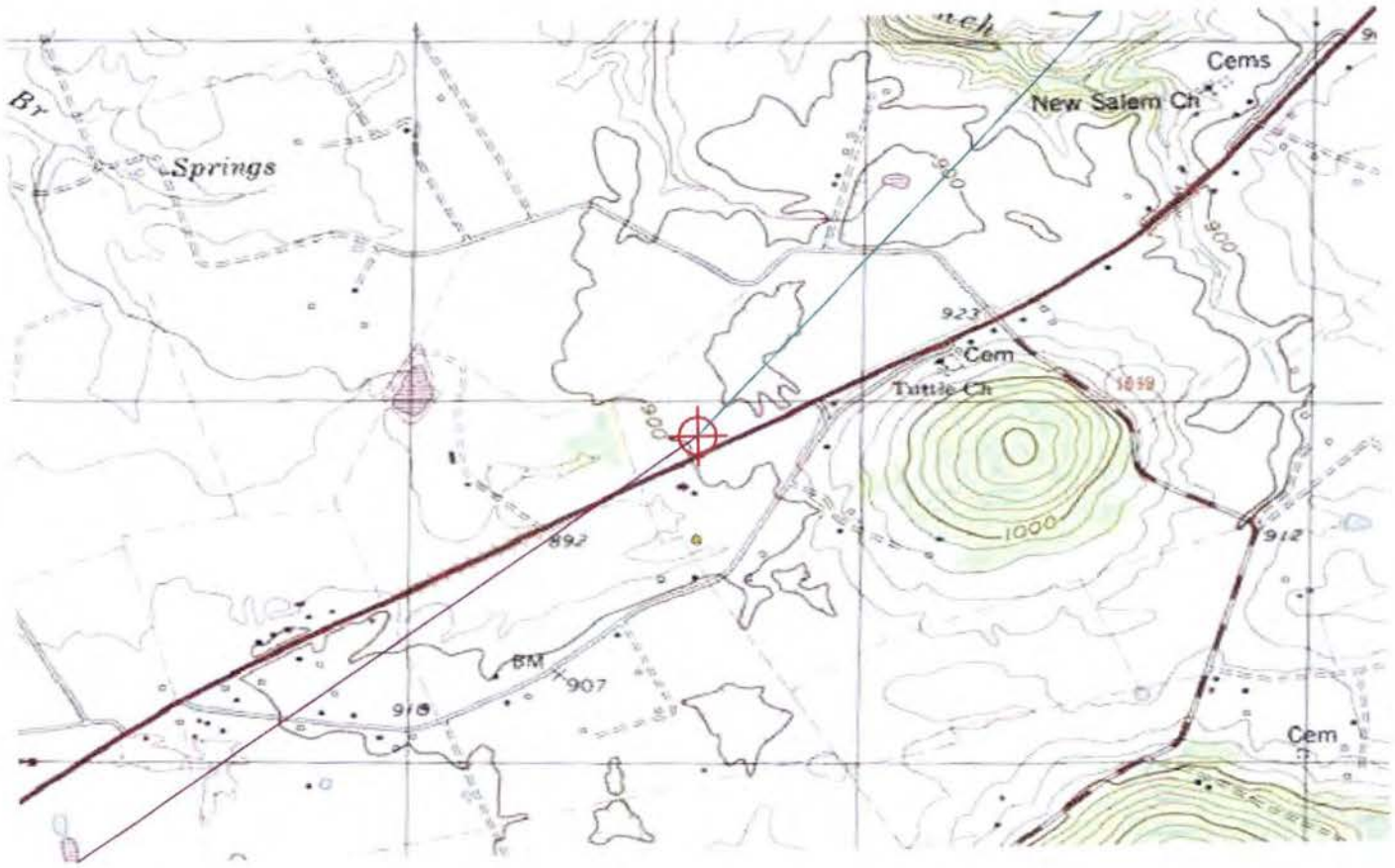
Attachment(s)
Frequency Data
Map(s)

cc: FCC

Frequency Data for ASN 2020-ASO-6653-OE

LOW FREQUENCY	HIGH FREQUENCY	FREQUENCY UNIT	ERP	ERP UNIT
6	7	GHz	55	dBW
6	7	GHz	42	dBW
10	11.7	GHz	55	dBW
10	11.7	GHz	42	dBW
17.7	19.7	GHz	55	dBW
17.7	19.7	GHz	42	dBW
21.2	23.6	GHz	55	dBW
21.2	23.6	GHz	42	dBW
614	698	MHz	1000	W
614	698	MHz	2000	W
698	806	MHz	1000	W
806	901	MHz	500	W
806	824	MHz	500	W
824	849	MHz	500	W
851	866	MHz	500	W
869	894	MHz	500	W
896	901	MHz	500	W
901	902	MHz	7	W
929	932	MHz	3500	W
930	931	MHz	3500	W
931	932	MHz	3500	W
932	932.5	MHz	17	dBW
935	940	MHz	1000	W
940	941	MHz	3500	W
1670	1675	MHz	500	W
1710	1755	MHz	500	W
1850	1910	MHz	1640	W
1850	1990	MHz	1640	W
1930	1990	MHz	1640	W
1990	2025	MHz	500	W
2110	2200	MHz	500	W
2305	2360	MHz	2000	W
2305	2310	MHz	2000	W
2345	2360	MHz	2000	W
2496	2690	MHz	500	W

Verified Map for ASN 2020-ASO-6653-OE



TOPO Map for ASN 2020-ASO-6653-OE

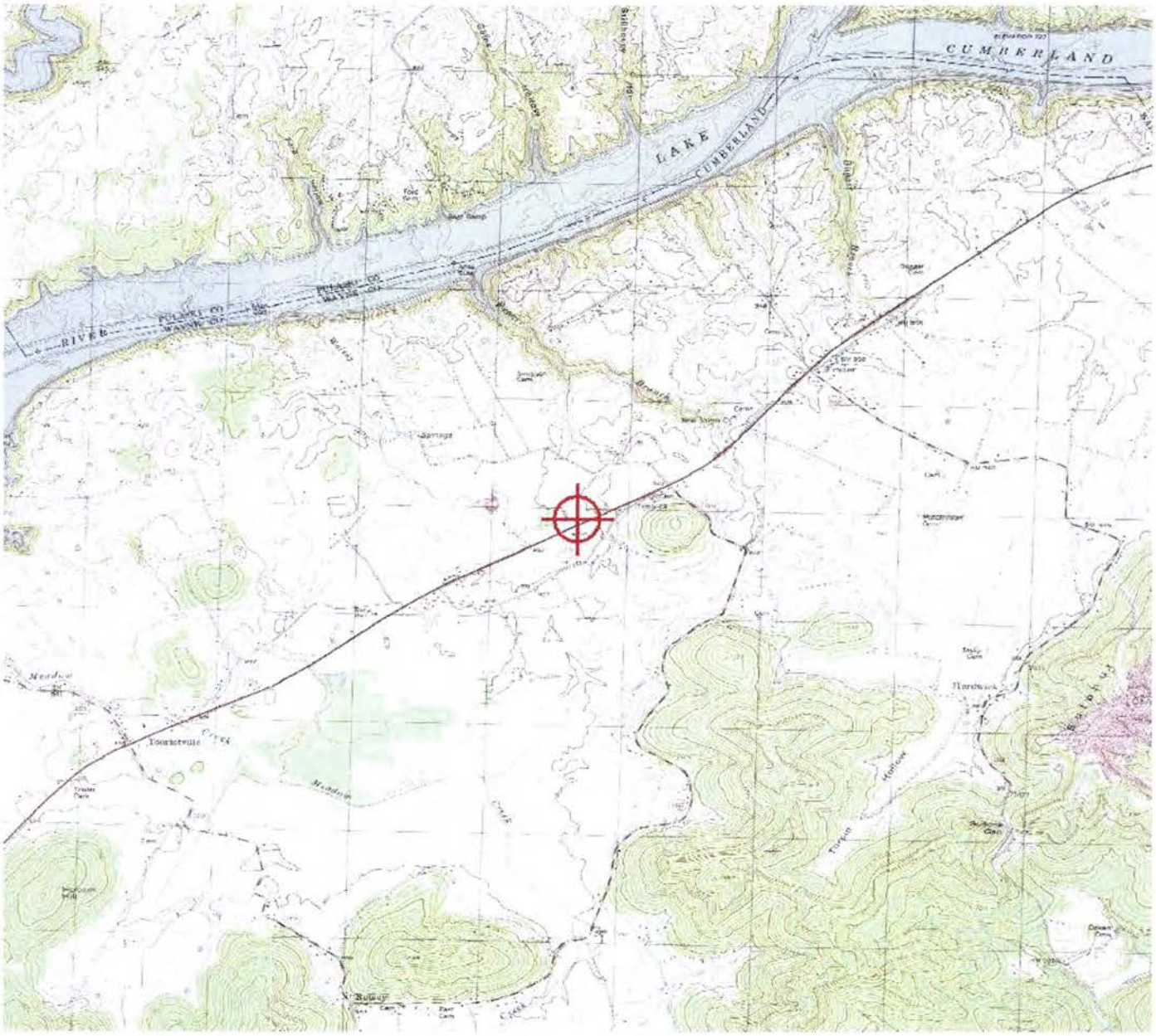


EXHIBIT F
KENTUCKY AIRPORT ZONING COMMISSION

KENTUCKY AIRPORT ZONING COMMISSION

ANDY BESHEAR
Governor

Office of Audits, 200 Mero Street, 4th floor
Frankfort, KY 40622
www.transportation.ky.gov
502-782-4043

APPROVAL OF APPLICATION

August 13, 2020

APPLICANT
John Monday
John Monday
3300 E. Renner Road, B3132
Richardson, TX 75082

SUBJECT: AS-WAYNE-SME-2020-035

STRUCTURE:	Antenna Tower
LOCATION:	Touristville, KY
COORDINATES:	36° 56' 39.67" N / 84° 43' 28.24" W
HEIGHT:	245' AGL/1149' AMSL

The Kentucky Airport Zoning Commission has approved your application for a permit to construct 245' AGL/1149' AMSL Antenna Tower near Touristville, KY 36° 56' 39.67" N / 84° 43' 28.24" W.

This permit is valid for a period of 18 Month(s) from its date of issuance. If construction is not completed within said 18-Month period, this permit shall lapse and be void, and no work shall be performed without the issuance of a new permit.

Duel - Red & Medium Intensity White Obstruction Lighting Required

Randall S. Royer

Randall S. Royer, Executive Director
Office of Audits
Acting Administrator
Randall.Royer@ky.gov
Jason.Salazar-Munoz@ky.gov

Kentucky
UNBRIDLED SPIRIT

EXHIBIT G
GEOTECHNICAL REPORT

GEOTECHNICAL INVESTIGATION REPORT

September 23, 2020

Prepared For:

MasTec Network Solutions

MasTec

Touristville
14632636
Proposed Self-Supporting Tower
HWY 90, Monticello (Wayne County), Kentucky 42633
Latitude N 36° 56' 39.7" Longitude W 84° 43' 28.2"

Delta Oaks Group Project GEO20-07020-08
Revision 0
geotech@deltaoaksgroup.com

Performed By:

Erin Benson

Erin Benson, E.I.

Reviewed By:

Joseph V. Borrelli, Jr., P.E.

COMMONWEALTH OF KENTUCKY
JOSEPH V. BORRELLI
30809
LICENSED PROFESSIONAL ENGINEER
9/23/20

INTRODUCTION

This geotechnical investigation report has been completed for the proposed self-supporting tower located off of HWY 90 in Monticello (Wayne County), Kentucky. The purpose of this investigation was to provide engineering recommendations and subsurface condition data at the proposed tower location. A geotechnical engineering interpretation of the collected information was completed and utilized to suggest design parameters regarding the adequacy of the structure's proposed foundation capacity under various loading conditions. This report provides the scope of the geotechnical investigation; geologic material identification; results of the geotechnical laboratory testing; and design parameter recommendations for use in the design of the telecommunication facility's foundation and site development.

SITE CONDITION SUMMARY

The proposed tower and compound are located in an agricultural field exhibiting a generally flat topography across the tower compound and subject property.

REFERENCES

- Survey Drawings, prepared by SMW Engineering Group, Inc., dated April 9, 2020
- TIA Standard (TIA-222-G), dated August 2005

SUBSURFACE FIELD INVESTIGATION SUMMARY

The subsurface field investigation was conducted through the advancement of three mechanical soil test borings to termination depths ranging from 20.5 to 40.0 feet bgs. Samples were obtained at selected intervals in accordance with ASTM D 1586. The sampling was conducted at the estimated centerline of each proposed tower leg. Soil samples were transported to our laboratory and classified by a geotechnical engineer in accordance with ASTM D 2487. A detailed breakdown of the material encountered in our subsurface field investigation can be found in the boring logs presented in the Appendix of this report.

A boring plan portraying the spatial location of the boring in relation to the proposed tower, tower compound and immediate surrounding area can be found in the Appendix.

SUBSURFACE CONDITION SUMMARY

The following provides a general overview of the site's subsurface conditions based on the data obtained during our field investigation.

FILL

Topsoil was encountered during the subsurface field investigation from the existing ground surface to a depth of 0.6, 0.8, and 1.0 feet bgs in borings B-1 through B-3, respectively.

SOIL

The residual soil encountered in the subsurface field investigation began at depths ranging from 0.6 to 1.0 feet bgs in the borings and consisted of lean clay, sandy lean clay, and clayey sand. The materials ranged from a loose to medium dense relative density and a soft to very stiff cohesion.

Auger advancement refusal was not encountered during the subsurface field investigation.

ROCK

Rock was not encountered during the subsurface field investigation.

SUBSURFACE WATER

At the time of drilling, subsurface water was not encountered during the subsurface investigation. However, subsurface water elevations can fluctuate throughout the year due to variations in climate, hydraulic parameters, nearby construction activity and other factors.

FROST PENETRATION

The frost penetration depth for Wayne County, Kentucky is 30 inches (2.5 feet).

CORROSIVITY

Soil resistivity was performed in accordance with ASTM G187 with a test result of 3,930 ohms-cm.

FOUNDATION DESIGN SUMMARY

In consideration of the provided tower parameters and the determined soil characteristics, Delta Oaks Group recommends utilizing a shallow foundation and/or drilled shaft foundation for the proposed structure. The strength parameters presented in the following sections can be utilized for design of the foundation.

GENERAL SUBSURFACE STRENGTH PARAMETERS

Boring	Depth (bgs)	USCS	Moist/Buoyant Unit Weight (pcf)	Phi Angle (degrees)	Cohesion (psf)
B-1	0.0 – 0.6	TOPSOIL	105	0	0
	0.6 – 1.5	CL	105	0	400
	1.5 – 4.0	CL	105	0	750
	4.0 – 6.5	CL	110	0	1,250
	6.5 – 9.0	CL	105	0	500
	9.0 – 14.0	CL	115	0	2,250
	14.0 – 24.0	CL	110	0	1,250
	24.0 – 34.0	CL	110	0	1,750
	34.0 – 39.0	CL	120	0	3,250
	39.0 – 40.0	CL	120	0	2,750

Boring	Depth (bgs)	USCS	Moist/Buoyant Unit Weight (pcf)	Phi Angle (degrees)	Cohesion (psf)
B-2	0.0 – 0.8	TOPSOIL	105	0	0
	0.8 – 1.5	CL	105	0	300
	1.5 – 4.0	CL	110	0	500
	4.0 – 6.5	CL	105	0	1,000
	6.5 – 9.0	SC	105	29	0
	9.0 – 14.0	SC	110	30	0
	14.0 – 19.0	CL	110	0	1,750
	19.0 – 20.5	CL	110	0	1,000

Boring	Depth (bgs)	USCS	Moist/Buoyant Unit Weight (pcf)	Phi Angle (degrees)	Cohesion (psf)
B-3	0.0 – 1.0	TOPSOIL	105	0	0
	1.0 – 1.5	CL	105	0	300
	1.5 – 4.0	CL	105	0	200
	4.0 – 6.5	CL	110	0	1,000
	6.5 – 9.0	CL	105	0	600
	9.0 – 19.0	CL	110	0	1,750
	19.0 – 20.5	CL	110	0	1,250

- The unit weight provided assumes overburden soil was compacted to a minimum of 95% of the maximum dry density as obtained by the standard Proctor method (ASTM D 698) and maintained a moisture content within 3 percent of optimum
- The values provided for phi angle and cohesion should be considered ultimate.

SUBSURFACE STRENGTH PARAMETERS – SHALLOW FOUNDATION

Boring	Dimensions (feet)	Depth (feet bgs)	Net Ultimate Bearing Capacity (psf)
B-3	5.0 x 5.0	3.0	1,380
		4.0	5,660
		5.0	4,870
		6.0	4,090
	10.0 x 10.0	3.0	1,300
		4.0	4,680
		5.0	4,280
		6.0	3,890
	15.0 x 15.0	3.0	1,280
		4.0	4,350
		5.0	4,090
		6.0	3,830
	20.0 x 20.0	3.0	1,270
		4.0	4,190
		5.0	3,990
		6.0	3,790
	25.0 x 25.0	3.0	1,260
		4.0	4,090
		5.0	3,930
		6.0	3,770

- Delta Oaks Group recommends the foundation bear a minimum of 3.0 feet bgs.
- A sliding friction factor of 0.30 can be utilized along the base of the proposed foundation.
- The bearing capacity can be increased by 1/3 for transient loading.
- An Ultimate Passive Pressure Table with a reduction due to frost penetration to a depth of 2.5 feet bgs is presented on the following page.
- Delta Oaks Group recommends an appropriate factor of safety be utilized for the design of the foundation.

ULTIMATE PASSIVE PRESSURE VS. DEPTH - TOWER FOUNDATION

Soil Layers (feet)		Moist Unit Weight	Phi Angle	Cohesion	PV	KP	Ph
Top	0	105	0	0	0	1	0
Bottom	1	105	0	0	105	1	52.5
Top	1	105	0	300	105	1	352.5
Bottom	1.5	105	0	300	157.5	1	378.75
Top	1.5	105	0	200	157.5	1	278.75
Bottom	2.5	105	0	200	262.5	1	331.25
Top	2.5	105	0	200	262.5	1	662.5
Bottom	4	105	0	200	420	1	820
Top	4	110	0	1000	420	1	2420
Bottom	6.5	110	0	1000	695	1	2695
Top	6.5	105	0	600	695	1	1895
Bottom	9	105	0	600	957.5	1	2157.5
Top	9	110	0	1750	990	1	990
Bottom	10	110	0	1750	110	1	3610

SUBSURFACE STRENGTH PARAMETERS - DRILLED SHAFT FOUNDATION

Boring	Depth (bgs)	Net Ultimate Bearing Capacity (psf)	Ultimate Skin Friction - Compression (psf)	Ultimate Skin Friction - Uplift (psf)
B-1	0.0 – 3.0	-	-	-
	3.0 – 6.0	8,180	590	590
	6.0 – 8.5	18,510	270	270
	8.5 – 13.5	10,710	1,040	1,040
	13.5 – 18.5	10,520	790	790
	18.5 – 23.5	11,430	680	680
	23.5 – 28.5	14,620	680	680
	28.5 – 33.5	17,440	900	900
	33.5 – 38.5	23,260	960	960
	38.5 – 40.0	23,200	1,610	1,610

- The top 3.0 feet of soil should be ignored due to the frost penetration and the potential soil disturbance during construction.
- The bearing capacity can be increased by 1/3 for transient loading.
- The values presented assume the concrete is cast-in-place against earth walls and any casing utilized during construction of the foundation was removed.
- Delta Oaks Group recommends an appropriate factor of safety be utilized for the design of the foundation.

SUBSURFACE STRENGTH PARAMETERS – SUPPORT STRUCTURE FOUNDATION

Boring	Depth (bgs)	Net Ultimate Bearing Capacity (psf)	Minimum Design Footing Width (ft)	Modulus of Subgrade Reaction (pci)
B-3	2.5	1,290	2.0	40
	3.0	1,350		
	4.0	4,350		200
	5.0	4,090		

- Delta Oaks Group recommends utilizing a slab on grade in conjunction with continuous perimeter footings that bear on residual soil or properly compacted structural fill placed in accordance with the recommendations provided in the *CONSTRUCTION* section of this report.
- The slab on grade should be properly reinforced to prevent concrete cracking and shrinkage.
- The foundation should bear a minimum of 2.5 feet bgs.
- A sliding friction factor of 0.30 can be utilized along the base of the proposed foundation.
- An Ultimate Passive Pressure Table is presented on the following page. An appropriate reduction should be considered in accordance with local building code frost penetration depth.
- Delta Oaks Group recommends an appropriate factor of safety be utilized for the design of the foundation.

ULTIMATE PASSIVE PRESSURE VS. DEPTH – SUPPORT STRUCTURE FOUNDATION

Soil Layers (feet)		Moist Unit Weight	Phi Angle	Cohesion	PV	KP	Ph
Top	0	105	0	0	0	1	0
Bottom	1	105	0	0	105	1	52.5
Top	1	105	0	300	105	1	352.5
Bottom	1.5	105	0	300	157.5	1	378.75
Top	1.5	105	0	200	157.5	1	278.75
Bottom	2.5	105	0	200	262.5	1	331.25
Top	2.5	105	0	200	262.5	1	662.5
Bottom	4	105	0	200	420	1	820
Top	4	110	0	1000	420	1	2420
Bottom	6.5	110	0	1000	695	1	2695
Top	6.5	105	0	600	695	1	1895
Bottom	9	105	0	600	957.5	1	2157.5
Top	9	110	0	1750	990	1	990
Bottom	10	110	0	1750	110	1	3610

CONSTRUCTION

SITE DEVELOPMENT

The proposed access road and tower compound should be evaluated by a Geotechnical Engineer, or their representative, after the removal or "cutting" of the areas to design elevation but prior to the placement of any structural fill material to verify the presence of unsuitable or weak material. Unsuitable or weak materials should be undercut to a suitable base material as determined by a Geotechnical Engineer, or their representative. Backfill of any undercut area(s) should be conducted in accordance with the recommendations provided in the *STRUCTURAL FILL PLACEMENT* section of this report.

Excavations should be sloped or shored in accordance and compliance with OSHA 29 CFR Part 1926, Excavation Trench Safety Standards as well as any additional local, state and federal regulations.

STRUCTURAL FILL PLACEMENT

Structural fill materials should be verified, prior to utilization, to have a minimum unit weight of 110 pcf (pounds per cubic foot) when compacted to a minimum of 95% of its maximum dry density and within plus or minus 3 percentage points of optimum moisture. Materials utilized should not contain more than 5 percent by weight of organic matter, waste, debris or any otherwise deleterious materials. The Liquid Limit should be no greater than 40 with a Plasticity Index no greater than 20. Structural fill material should contain a maximum particle size of 4 inches with 20 percent or less of the material having a particle size between 2 and 4 inches. Backfill should be placed in thin horizontal lifts not to exceed 8 inches (loose) in large grading areas and 4 inches (loose) where small handheld or walk-behind compaction equipment will be utilized. The potential suitability of on-site materials to be utilized as fill should be evaluated by a Geotechnical Engineer, or their representative just prior to construction.

During construction structural fill placement should be monitored and tested. This should include at minimum, visual observation as well as a sufficient amount of in-place field density tests by a Geotechnical Engineer, or their representative. Materials should be compacted to a minimum of 95% of the maximum dry density as determined by ASTM D 698 (standard Proctor method). Moisture contents should be maintained to within plus or minus 3 percentage points of the optimum moisture content.

SHALLOW FOUNDATIONS

Foundation excavation(s) should be evaluated by a Geotechnical Engineer, or their representative, prior to reinforcing steel and concrete placement. This evaluation should include visual observation to verify a level bearing surface; vertical side-walls with no protrusions, sloughing or caving; and the exposed bearing surface is free of deleterious material, loose soil and standing water. Excavation dimensions should be verified and testing performed on the exposed bearing surface to verify compliance with design recommendations. Bearing testing should be conducted in accordance with ASTM STP399 (Dynamic Cone Penetrometer). A 6-inch layer of compacted crushed stone should be installed prior to reinforcing steel and concrete placement. If subsurface water is encountered during excavation dewatering methods such as sump pumps or well points may be required.

DRILLED SHAFT FOUNDATIONS

Drilled shaft foundations (caissons) are typically installed utilizing an earth auger to reach the design depth of the foundation. Specialized roller bits or core bits can be utilized to penetrate boulders or rock. The equipment utilized should have cutting teeth to result in an excavation with little or no soil smeared or caked on the excavation sides with spiral-like corrugated walls. The drilled shaft design diameter should be maintained throughout the excavation with a plumbness tolerance of 2 percent of the length and an eccentricity tolerance of 3 inches from plan location. A removable steel casing can be installed in the shaft to prevent caving of the excavation sides due to soil relaxation. Upon completion of the drilling and casing placement, loose soils and subsurface water greater than 3-inches in depth should be removed from the bottom of the excavation for the "dry" installation method. The drilled shaft installation should be evaluated by a Geotechnical Engineer, or their representative, to verify suitable end bearing conditions, design diameter and bottom cleanliness. The evaluation should be conducted immediately prior to as well as during concrete placement operations.

The drilled shaft should be concreted as soon as reasonably practical after excavation to reduce the deterioration of the supporting soils to prevent potential caving and water intrusion. A concrete mix design with a slump of 6 to 8 inches employed in conjunction with the design concrete compressive strength should be utilized for placement. Super plasticizer may be required to obtain the recommended slump range. During placement, the concrete may fall freely through the open area in the reinforcing steel cage provided it does not strike the reinforcing steel and/or the casing prior to reaching the bottom of the excavation. The removable steel casing should be extracted as concrete is placed. During steel casing removal a head of concrete should be maintained above the bottom of the casing to prevent soil and water intrusion into the concrete below the bottom of the casing.

If subsurface water is anticipated and/or weak soil layers are encountered drilled shafts are typically installed utilizing the "wet" method by excavating beneath a drilling mud slurry. The drilling mud slurry is added to the drilled shaft excavation after groundwater has been encountered and/or the sides of the excavation are observed to be caving or sloughing. Additional inspection by a Geotechnical Engineer, or their representative, during the "wet" method should consist of verifying maintenance of sufficient slurry head, monitoring the specific gravity, pH and sand content of the drilling slurry, and monitoring any changes in the depth of the excavation between initial approval and just prior to concreting.

Concrete placement utilizing the "wet" method is conducted through a tremie pipe at the bottom of the excavation with the drilling mud slurry level maintained at a minimum of 5 feet or one shaft diameter, whichever is greater, above the ground water elevation. The bottom of the tremie should be set one tremie pipe diameter above the excavation. A closure flap at the bottom of the tremie or a sliding plug introduced into the tremie before the concrete is recommended to reduce the potential contamination of the concrete by the drilling mud slurry. The bottom of the tremie must be maintained in the concrete during placement. Additional concrete should be placed through the tremie causing the slurry to overflow from the excavation in order to reduce the potential for the development of "slurry pockets" remaining in the drilled shaft.

QUALIFICATIONS

The design parameters and conclusions provided in this report have been determined in accordance with generally accepted geotechnical engineering practices and are considered applicable to a rational degree of engineering certainty based on the data available at the time of report preparation and our practice in this geographic region. All recommendations and supporting calculations were prepared based on the data available at the time of report preparation and knowledge of typical geotechnical parameters in the applicable geographic region.

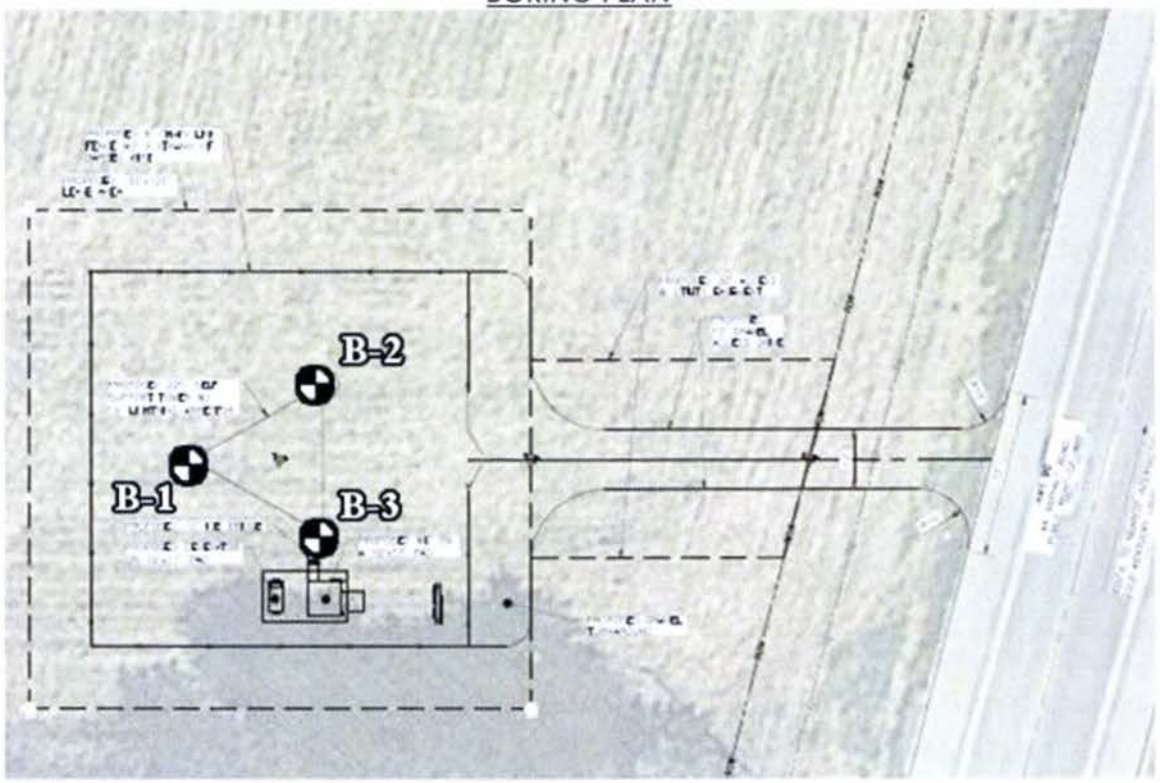
The subsurface conditions used in the determination of the design recommendations contained in this report are based on interpretation of subsurface data obtained at specific boring locations. Irrespective of the thoroughness of the subsurface investigation, the potential exists that conditions between borings will differ from those at the specific boring locations, that conditions are not as anticipated during the original analysis, or that the construction process has altered the soil conditions. That potential is significantly increased in locations where existing fill materials are encountered. Additionally, the nature and extent of these variations may not be evident until the commencement of construction. Therefore, a geotechnical engineer, or their representative, should observe construction practices to confirm that the site conditions do not differ from those conditions anticipated in design. If such variations are encountered, Delta Oaks Group should be contacted immediately in order to provide revisions and/or additional site exploration as necessary

Samples obtained during our subsurface field investigation will be retained by Delta Oaks Group for a period of 30 days unless otherwise instructed by MasTec Network Solutions. No warranty, expressed or implied, is presented.

Delta Oaks Group appreciates the opportunity to be of service for this Geotechnical Investigation Report. Please do not hesitate to contact Delta Oaks Group with any questions or should you require additional service on this project.

APPENDIX

BORING PLAN



PROJECT NAME Touristville (GEO20-07020-08)

PROJECT NUMBER 14632636

PROJECT LOCATION HWY 90, Monticello, KY 42633

CLIENT MasTec

Boring No.: B-1

DATE DRILLED : 9/16/2020

DRILLING METHOD : Hollow Stem Auger

GROUND ELEVATION : 907

BORING DEPTH (ft) : 40.5

GROUND WATER LEVELS:

AT TIME OF DRILLING : --- Not Encountered

AT END OF DRILLING : --- Not Encountered

AFTER DRILLING : --- Not Encountered

DEPTH (ft)	MATERIAL DESCRIPTION	SAMPLE TYPE	MATERIAL CLASSIFICATION	Pocket Penetrometer (tsf)	BLOWS 1st	BLOWS 2nd	BLOWS 3rd	N VALUE
0	TOPSOIL							
	LEAN CLAY (CL), soft, brown, trace sand and gravel, moist		CL		2	2	2	4
	-- Firm				2	3	4	7
5	SANDY LEAN CLAY (CL), stiff, red and brown, trace gravel, moist		CL		2	4	6	10
	-- Firm, reddish brown and white, with gravel				2	1	4	5
10	-- Very stiff, trace gravel				3	10	7	17
15	-- Stiff				6	6	5	11
20	LEAN CLAY (CL), stiff, reddish brown and white, trace sand and gravel, moist		CL		4	5	6	11
25					6	9	5	14
30					6	6	7	13
35	-- Very stiff, with sand, trace gravel				9	12	13	25
40					10	10	12	22
	Bottom of borehole at 40.5 feet.							

▲ SPT N VALUE ▲

10 20 30 40 50 60 70 80 90

PROJECT NAME Touristville (GEO20-07020-08)

PROJECT NUMBER 14632636

PROJECT LOCATION HWY 90, Monticello, KY 42633

CLIENT MasTec

Boring No.: B-2

DATE DRILLED : 9/16/2020

DRILLING METHOD : Hollow Stem Auger

GROUND ELEVATION : 907

BORING DEPTH (ft) : 20.5

GROUND WATER LEVELS:

AT TIME OF DRILLING : --- Not Encountered

AT END OF DRILLING : --- Not Encountered

AFTER DRILLING : --- Not Encountered

DEPTH (ft)	MATERIAL DESCRIPTION	SAMPLE TYPE	MATERIAL CLASSIFICATION	Pocket Penetrometer (tsf)	BLOWS 1st	BLOWS 2nd	BLOWS 3rd	N VALUE
0	TOPSOIL							
	LEAN CLAY (CL), soft, brown, trace silt and sand, moist		CL		1	1	2	3
	-- Firm, trace silt, sand, and gravel				1	2	3	5
5	SANDY LEAN CLAY (CL), firm, red and white, with gravel, moist		CL		2	4	4	8
	CLAYEY SAND (SC), loose, red and white, with gravel, moist		SC		1	2	5	7
10	-- Medium dense				5	5	6	11
15	SANDY LEAN CLAY (CL), stiff, red and white, trace gravel, moist		CL		5	7	7	14
20					4	4	5	9
	Bottom of borehole at 20.5 feet.							
25								
30								
35								
40								

▲ SPT N VALUE ▲

10 20 30 40 50 60 70 80 90

PROJECT NAME Touristville (GEO20-07020-08)

PROJECT NUMBER 14632636

PROJECT LOCATION HWY 90, Monticello, KY 42633

CLIENT MasTec

Boring No.: B-3

DATE DRILLED : 9/16/2020

DRILLING METHOD : Hollow Stem Auger

GROUND ELEVATION : 907

BORING DEPTH (ft) : 20.5

GROUND WATER LEVELS:

AT TIME OF DRILLING : --- Not Encountered

AT END OF DRILLING : --- Not Encountered

AFTER DRILLING : --- Not Encountered

DEPTH (ft)	MATERIAL DESCRIPTION	SAMPLE TYPE	MATERIAL CLASSIFICATION	Pocket Penetrometer (tsf)	BLOWS 1st	BLOWS 2nd	BLOWS 3rd	N VALUE
0	TOPSOIL							
	LEAN CLAY (CL), soft, brown, trace silt, sand, and gravel, moist		CL		1	2	1	3
	-- Very soft				1	1	1	2
5	SANDY LEAN CLAY (CL), firm, red and brown, trace gravel, moist		CL		1	3	5	8
					1	3	3	6
10	-- Stiff, with gravel				4	7	7	14
15	LEAN CLAY (CL), stiff, red and white, with gravel, trace sand, moist		CL		5	5	9	14
20	-- Trace sand and gravel				4	5	5	10
	Bottom of borehole at 20.5 feet.							
25								
30								
35								
40								

▲ SPT N VALUE ▲

10 20 30 40 50 60 70 80 90

EXHIBIT H
DIRECTIONS TO WCF SITE

Driving Directions to Proposed Tower Site

1. Beginning at the Wayne County Judge Executive's Office, located at 55 North Main Street, Suite 103, Monticello, KY 42633, head northeast (toward Michigan Avenue) on North Main Street and travel approximately 108 feet.
2. Continue straight to stay on North Main Street and travel approximately 1.5 miles.
3. Continue onto State Hwy 90 Bus and travel approximately 0.7 miles.
4. Turn right onto KY-90 E and travel approximately 9.0 miles.
5. The site is located on the left. The site address is Hwy 90, Monticello, KY 42633.
6. The site coordinates are:
    a. North 36 deg 56 min 39.671 sec
    b. West 84 deg 43 min 28.240 sec

Prepared by:
Chris Shouse
Pike Legal Group
1578 Highway 44 East, Suite 6
P.O. Box 396
Shepherdsville, KY 40165-3069
Telephone: 502-955-4400 or 800-516-4293

EXHIBIT I
COPY OF REAL ESTATE AGREEMENT

Market: Lexington
Cell Site Number:
Cell Site Name: Touristville
Search Ring Name: Touristville
Fixed Asset Number: 14632636

OPTION AND LAND LEASE AGREEMENT

THIS OPTION AND LAND LEASE AGREEMENT ("**Agreement**"), dated as of the latter of the signature dates below (the "**Effective Date**"), is entered into by Danney Edward Weaver, a single man, having a mailing address of 13905 North Bel Vista Court, Prospect, KY 40059 and Wayne Marvin Weaver, a married man, having a mailing address is 1950 Meadowcreek Dr., Louisville, KY 40218 ("**Landlord**") and New Cingular Wireless PCS, LLC, a Delaware limited liability company, having a mailing address of 1025 Lenox Park Blvd., NE, 3rd Floor, Atlanta, GA 30319 ("**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 Hwy 90 .5 mi South of 0, Monticello, KY 42633, in the County of Wayne, State of Kentucky (collectively, the "**Property**"). 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 exclusive 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 a Communication Facility in accordance with the terms of this Agreement.

(b) During the Option Term, and during the Term, 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 sixty (60) business days after the Effective Date. The Option may be exercised during an initial term of one (1) year commencing on the Effective Date (the "**Initial Option Term**") which term 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 without written consent of Landlord. Upon notification to Landlord of such sale, assignment or transfer, 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 only if new Tenant is fully responsible for any & all liabilities of this agreement term moving forward including payment of any rental or other sums due.

(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, then this Agreement will terminate, and the parties will have no further liability to each other except Tenant agrees to remove at Tenant's cost, any & all structures, tower, Communications facility building, equipment, equipment shelters or cabinets, any & all concrete footers to three foot depth, fencing any & all materials installed by Tenant with responsibility for returning land premises to original condition.

(f) If during the Option Term, or during the Term if the Option is exercised, Landlord decides to subdivide, sell, or change the status of the zoning of the Premises, the Property or any of Landlord's contiguous, adjoining or surrounding property (the "**Surrounding Property**"), or in the event of a threatened foreclosure on any of the foregoing, Landlord shall immediately notify Tenant in writing. Landlord agrees that during the Option Term, or during the 1 Term if the Option is exercised, Landlord can initiate or consent to any change in the zoning of the Premises, the Property or the Surrounding Property and can impose or consent to any other use or restriction if for farming, residential or commercial zoning use unless 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 communications fixtures and related equipment, cables, accessories and improvements, which may include a suitable support structure ("**Structure** Tower"), associated antennas, equipment shelters or cabinets and fencing and any other items necessary to the successful and secure use of the Premises (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, (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 Landlord's contiguous, adjoining or surrounding property (the "**Surrounding Property**") as may reasonably be required during construction and installation of the Communication Facility but not to damage, harm surrounding property or crops with Tenant responsibility of all repairs & or replacement cost. 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, install a generator 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 or equipment, install warning signs to make individuals aware of risks, install protective barriers, install any other control measures reasonably required by Tenant's safety procedures or applicable law, and undertake any other appropriate means to secure the Premises or equipment at Tenant's expense. Tenant has the right to modify, supplement, replace, upgrade, expand the Communication Facility (including, for example, increasing the number of antennas or adding microwave dishes) or relocate the Communication Facility within same leased Premises at any time during the Term. Tenant will be allowed to make such alterations to the Property in order to ensure that the 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 only if Additional Premises location is contiguous next to existing Communications Facility agreeable by Landlord, 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. Tenant agrees to take such actions and enter into and deliver to Landlord such documents as Tenant reasonably requests, and Landlord agrees to take such actions and enter into and deliver to Tenant such documents 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 seventeen (17) additional five (5) year term(s) (each additional five (5) year term shall be defined as an "**Extension Term**"), upon the same terms and conditions set forth herein unless Tenant notifies Landlord in writing of intention not to renew this Agreement at least 720 days (2 years) prior to the expiration of the Initial Term or the 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, 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 hereto by giving to the other party hereto written notice of its intention to so terminate at least six (6) months prior to the end of any such Annual Term. Monthly rent 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 including all Option Terms and Extension Terms, 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.**"

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, the Rent will be prorated. The initial Rent payment will be forwarded by Tenant to Landlord within thirty (30) days after the Rent Commencement Date.

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

(c) Tenant is responsible for any & all utilities required, installation, meters, etc. with all billing charges invoiced direct by all utility companies & paid directly by Tenant to all utility companies required to operate entire Communications Facility for all Terms of this Agreement. 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 the 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 the Permitted Use 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 will perform and obtain, at Tenant's sole cost and expense, any & all 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 before initial Communications Facility construction begins.

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

(a) by either party on sixty (60) days prior written notice, if the other party remains in default under Section 05 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: Section 5 Approvals, Section 6(a) Termination, Section 6(b) Termination, Section 6(c) Termination, Section 6(d) Termination, Section 11(d) Environmental, Section 08 Condemnation or Section 19 Casualty.

7. **INSURANCE.** During the Option Term and throughout the Term, Tenant will purchase and maintain in full force and effect such commercial general liability policy as Tenant may deem necessary. Said policy of commercial general liability insurance will provide a combined single limit of [redacted] per occurrence and in the aggregate. Notwithstanding the foregoing, Tenant shall have the right to self-insure such general liability coverage providing Tenant or its parent company shall have and continuously maintain a tangible net worth of at least [redacted]

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 the existing radio frequency user(s) operate and continue to operate within their respective frequencies and in accordance with all applicable laws and regulations. Landlord signed easement agreement with Commonwealth of Kentucky Finance And Administration Cabinet telecommunications fiber cable company that has or will install telecommunications fiber optic cable on utility poles parallel to Highway 90 along entire front side of our farm property parallel to Highway 90.

(b) Landlord will not grant, after the Effective Date, 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 reserves the right to work with, allow cable, TV, internet, hard line phone service providers, electrical, gas, water utility companies provided no electrical or transmission interference to Tenant will result. Landlord will notify Tenant in writing 60 days 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 ninety six (96) 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 , costs or expenses in connection with a third party claim (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, invitees, 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 , costs or expenses in connection with a third party claim (including reasonable attorneys' fees and court costs) arising directly from the actions or failure to act of Landlord, its employees, invitees, agents or independent contractors, 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 9 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) Each of Tenant and Landlord (to the extent not a natural person) each acknowledge and represent that it is duly organized, validly existing and in good standing and has the right, power, and authority or capacity, as applicable, to enter into this Agreement and bind itself hereto through the party or individual 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) then Landlord grants to Tenant sole, actual, quiet and peaceful use, enjoyment and possession of the Premises in accordance with the terms of this Agreement 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, then 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 in the form attached hereto as **Exhibit 10(b)**.

11. ENVIRONMENTAL.

(a) Landlord represents and warrants, except as may be identified in **Exhibit 11** attached to this Agreement, (i) the Property, as of the Effective Date, 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 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 indemnification provisions contained in 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 011 will survive the expiration or termination of this Agreement.

(d) In the event Tenant becomes aware of any hazardous materials 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, then 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, 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 provided by Tenant at Tenant's sole cost, 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 to Tenant. Upon Tenant's request, Landlord will execute a separate recordable easement provided by Tenant evidencing this right. Landlord shall execute a letter provided by Tenant granting Tenant Access to the Property substantially in the form attached as **Exhibit 12**; upon Tenant's request, Landlord shall execute additional letters provided by Tenant during the Term. If Tenant elects to utilize an Unmanned Aircraft System ("**UAS**") in connection with its installation, construction, monitoring, site audits, inspections, maintenance, repair, modification, or alteration activities at a Property, Landlord hereby grants Tenant, or any UAS operator acting on Tenant's behalf, express permission to fly over the applicable Property and Premises, and consents to the use of audio and video navigation and recording in connection with the use of the UAS. 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] per day 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 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 the 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 the Tenant and may be removed by Tenant at any time during the Term. Within one hundred twenty (120) days after the termination of this Agreement, Tenant will, to the extent reasonable, restore the Premises to its original condition at the commencement of the Agreement including removal of entire communications facility building, structures, towers, antennas, all communications equipment, furniture, all materials, fencing at Tenant's sole cost, reasonable wear and tear and loss by casualty or other causes beyond Tenant's control excepted. Footings, foundations, and concrete will be removed to a depth of three-foot below grade. Notwithstanding the foregoing, Tenant will not be responsible for the replacement of any trees, shrubs, or other vegetation, Tenant will be required to remove at Tenant's sole cost from the Premises or the Property any underground or above ground utilities if utilities are deemed in conflict or prevents farm crops production, any future residential subdivision or commercial business use plans returning Premises to original condition.

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 except for any Tenant installed must needed improvements, roads, culverts, etc., 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, except any landscaping paid for & installed by Tenant at Tenant's sole cost as a condition of this Agreement or any required permit.

(b) Tenant will be responsible for paying on a monthly or quarterly basis any & all utilities charges for electricity, telephone, water, gas services or any other utility used or consumed by Tenant on the Premises. Tenant will contract directly with any & all utilities needed on premises with direct billing paid by Tenant to any & all utility companies. .

(c) 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.

(d) Tenant will have the right to install utilities, at Tenant's expense, and to improve present utilities on the Property and the Premises. Landlord hereby grants to any service 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 service companies may from time to time require in order to provide such services to the Premises. Upon Tenant's or service company's request, Landlord will execute a separate recordable easement evidencing this grant provided by Tenant and at no cost to Tenant or 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 thirty (30) 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, then 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 within ninety-six (96) hours after written notice of such failure; (ii) Landlord's failure to cure an interference problem as required by Section 8

within ninety-six (96) 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, sell or transfer its interest under this Agreement, in whole or part, without Landlord's consent, provided that the assignee of sublessee assumes, recognizes and also agrees to become responsible to Landlord for the performance of all terms and conditions of this Agreement to the extent of such assignment or sublease, to: (a) Tenant's Affiliate, (b) to any entity with a net worth of at least [redacted] or (c) any entity that acquires all or substantially all of the Tenant's assets in the market as defined by the Federal Communications Commission in which the Property is located. Upon notification to Landlord of such assignment, transfer or sale, Tenant will be relieved of all future performance, liabilities and obligations under this Agreement. Tenant may not otherwise assign this Agreement without Landlord's consent, Landlord's consent not to be unreasonably withheld, conditioned or delayed.

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 hereto as follows:

If to Tenant:
New Cingular Wireless PCS, LLC
Attn: Network Real Estate Administration
Re: Cell Site #: _____; Cell Site Name: Touristville (KY)
Fixed Asset #: 14632636
1025 Lenox Park Blvd., NE
3rd Floor
Atlanta, Georgia 30319

With a copy to:
New Cingular Wireless PCS, LLC
Attn.: Legal Dept – Network Operations
Re: Cell Site #: _____; Cell Site Name: Touristville (KY)
Fixed Asset #: 14632636
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:
Wayne Weaver and Danny Weaver
13905 North Bel Vista Court
Prospect, KY 40059

Either party hereto may change the place for the giving of notice to it by thirty (30) days' prior written notice to the other party hereto 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 ninety six (96) 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 but in no way will Landlord will be responsible for nor reimburse Tenant for Communications Facility value losses, any & all business losses, moving expenses, business dislocation expenses, etc., whether tangible, intangible or other monetary losses whatsover. Tenant will be entitled to reimbursement for any prepaid Rent on a *pro rata* basis.

19. **CASUALTY.** Landlord will provide notice to Tenant of any casualty or other harm affecting the Property within ninety-six(96) hours of the casualty or other harm. If any part of the Communication Facility or the 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 prompt 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 provided by Tenant's insurance carrier or self-insurance program payable to Tenant on account thereof and to be reimbursed for any prepaid Rent on a *pro rata* basis, Tenant is responsible at it sole cost upon casualty reason termination to remove any & all communications buildings, structures, towers, antennas, equipment, fencing, landscaping, footers to 3 feet subsurface level, any & all materials installed returning land lease Premises to original pre agreement condition . 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 this 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 provided Tenant pays continual normal monthly 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 19, then Landlord will promptly rebuild or restore any portion of the land 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 land and/or the Premises "land" are rebuilt or restored within 60 days, 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 (i) all taxes and assessments levied upon the lands, improvements and other property of Landlord including any such taxes that may be calculated by a taxing authority using any method, including the income method, (ii) all sales, use, license, value added, documentary, stamp, gross receipts, registration, real estate transfer, conveyance, excise, recording, and other similar taxes and fees imposed in connection with this Agreement, and (iii) all sales, use, license, value added, documentary, stamp, gross receipts, registration, real estate transfer, conveyance, excise, recording, and other similar taxes and fees imposed in connection with a sale of the Property or assignment of Rent payments by Landlord. Tenant shall be responsible for (y) 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 and (z) all sales, use, license, value added, documentary, stamp, gross receipts, registration, real estate transfer, conveyance, excise, recording, and other similar taxes and fees imposed in connection with an assignment of this Agreement or sublease by Tenant. 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 sixty (60) days after the date of such notice of assessment. If Landlord does not provide such notice or notices to Tenant in a timely manner and Tenant's rights with respect to such taxes are prejudiced by the delay, Landlord shall reimburse Tenant for any increased costs directly resulting from the delay and 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 sixty (60) 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 permitted by law. 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 only if at no cost to Landlord. 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 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. Promptly after the Effective Date, 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 address changes by notice to Landlord, Landlord shall be required to provide Tenant's new tax address to the taxing authority or authorities.

(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. <u>SALE OF PROPERTY.</u>

(a) Landlord may sell the Property or a portion thereof to a third party, provided: (i) the sale is made subject to the terms of this Agreement; and (ii) if the sale does not include the assignment of Landlord's full interest in this Agreement, the purchaser must agree to perform, without requiring compensation from Tenant or any subtenant, any obligation of Landlord under this Agreement, including Landlord's obligation to cooperate with Tenant as provided hereunder.

(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 the 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 thirty (30) days of such transfer, Landlord or its successor shall send the documents listed below in this Section 22(b) to Tenant. Until Tenant receives all such documents, Tenant's failure to make payments under this Agreement shall not be an event of default and Tenant 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 Tenant 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 the Surrounding Property within reasonable distance for the installation, operation or maintenance of other wireless communication facilities if such installation, operation or maintenance would interfere with Tenant's Permitted Use or communications equipment as determined by radio propagation tests performed only by independent testing company separate of Tenant. Landlord's prospective purchaser shall reimburse Tenant for any costs and expenses of such testing only if prospective purchaser accepts suitable independent testing company . If the radio frequency propagation tests demonstrate levels of interference unacceptable verified only by independent testing company in writing to Tenant, Landlord & prospective purchaser 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 communication facility or equipment.

(d) The provisions of this Section 22 shall in no way limit or impair the obligations of Landlord under this Agreement, including interference and access obligations.

23. **RIGHT OF FIRST REFUSAL**. Notwithstanding the provisions contained in Section 22, if at any time after the Effective Date, Landlord receives a bona fide written offer from a third party seeking any sale, conveyance, assignment or transfer, whether in whole or in part, of any property interest in or related to the Premises, including without limitation any offer seeking an assignment or transfer of the Rent payments associated with this Agreement or an offer to purchase an easement with respect to the Premises ("**Offer**"), Landlord shall immediately furnish Tenant with a copy of the Offer. Tenant shall have the right within thirty (30) days after it receives such copy to match the financial terms of the Offer and agree in writing to match such terms of the Offer. Such writing shall be in the form of a contract substantially similar to the Offer but Tenant may assign its rights to a third party. If Tenant chooses not to exercise this right or fails to provide written notice to Landlord within the thirty (30) day period, Landlord may sell, convey, assign or transfer such property interest in or related to the Premises pursuant to the Offer, subject to the terms of this Agreement. If Landlord attempts to sell, convey, assign or transfer such property interest in or related to the Premises without complying with this Section 23, the sale, conveyance, 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 23. Tenant's failure to exercise the right of first refusal shall not be deemed a waiver of the rights contained in this Section 23 with respect to any future proposed conveyances as described herein.

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 of Lease.** Contemporaneously with the execution of this Agreement, the parties will execute a recordable Memorandum of Lease substantially in the form attached as **Exhibit 24(b)**. Either

party may record this Memorandum of Lease at any time during the Term, in its absolute discretion. Thereafter during the Term, 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 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 the 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 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.

(o) **No Additional Fees/Incidental Fees.** Unless otherwise specified in this Agreement, all rights and obligations set forth in the Agreement shall be provided by Landlord and/or Tenant, as the case may be, at no additional cost. No unilateral fees or additional costs or expenses are to be applied by either party to the other party, for any task or service including, but not limited to, review of plans, structural analyses, consents, provision of documents or other communications between the parties.

(p) **Further Acts.** Upon request, Landlord will cause to be promptly and duly taken, executed, acknowledged and delivered all such further acts, documents, and assurances as Tenant may request from time to time in order to effectuate, carry out and perform all of the terms, provisions and conditions of this Agreement and all transactions and permitted use contemplated by this Agreement.

[SIGNATURES APPEAR ON NEXT PAGE]

IN WITNESS WHEREOF, the parties have caused this Agreement to be effective as of the Effective Date.

"LANDLORD"

Danney Edward Weaver, a single man, and
Wayne Marvin Weaver, a married man

By: Danney Edward Weaver
Print Name: Danney Edward Weaver
Date: 9/10/19

By: Wayne Marvin Weaver
Print Name: Wayne Marvin Weaver
Date: 9/10/19

LANDLORD ACKNOWLEDGMENT

STATE OF KY)
) ss:
COUNTY OF Jefferson)

On the 10 day of September, 2019, before me, personally appeared Danney Edward Weaver and Wayne Marvin Weaver, who acknowledged under oath, that they are the person(s) named in the within instrument, and that they executed the same in their stated capacity as the voluntary act and deed of the Landlord for the purposes therein contained.

Notary Public: Devon M Goetz
My Commission Expires: April 24, 2023

DEVON M. GOETZ
Notary Public
State at Large
Kentucky
My Commission Expires Apr. 24, 2023

"TENANT"

New Cingular Wireless PCS, LLC,
a Delaware limited liability company

By: AT&T Mobility Corporation
Its: Manager

By: _____

Print Name: Chris Tharp
Its: Area Manager – Network Engineering
Date: 5-26-2020

TENANT ACKNOWLEDGMENT

STATE OF KENTUCKY)
) ss:
COUNTY OF JEFFERSON)

On the 28th day of May, 2020, before me personally appeared Chris Tharp, and acknowledged under oath that he/she is the Area Manager – Network Engineering 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.

KIMBERLY MACKEY
NOTARY PUBLIC
My Comm. Exp. Mar 18, 2023
KENTUCKY – STATE AT LARGE

_____
Notary Public: 619636
My Commission Expires: March 18, 2023

EXHIBIT 1

DESCRIPTION OF PROPERTY AND PREMISES

to the Land Lease Agreement dated May 28, 2020, by and between Danney Edward Weaver, a single man and Wayne Marvin Weaver, a married man, as Landlord, and New Cingular Wireless PCS, LLC, a Delaware limited liability company, as Tenant.

The Property is legally described as follows:

Deed – Book 242, Page 404

PARCEL I

Being all of Block B,C and L as shown by a map or plat of the J.L. Shadoan land which is of record in the office of the Clerk of the Wayne County Court in Deed Book 92 page 549, and more particularly described as follows,

First Tract: Beginning at a stake on Highway No. 90 a corner to Mrs. Rena Mercer; thence N 50 W 1410 feet with Mercer's line to a stake in J.L. Daffron's line; thence with Daffron's line N 37 E 1308 feet to the County Road thence with the meanders of the County Road 1454 feet to a stake in the line of Lot No. 13 of Block C; thence continuing with the county road 693 feet to a stake in highway No. 90; thence with highway No.90, 2393 feet to the beginning. Containing 65 acres, more or less.

Second Tract: Beginning at a stake on Highway No. 90 and the County Road; thence N 51 E 1275 feet with the State Highway No. 90 to a stake and corner of Block A; thence with the dividing line between Lot No. 7 in Block B and Block A 447 feet to a stake; thence S 55 W 1303 feet to a stake on the County road; thence with the County Road 757 feet to the beginning. Con. 19.7 acres, more or less.

Third Tract: Beginning at a stake on the side of Highway No.90 a corner to Block L; thence with the said Highway to a stake the northwest corner of Block L; thence S 66 E 247 feet to a stake; thence S 43 W 478 feet to a stake thence N 31 W 115 feet to the beginning. Containing 1.6 acres, more or less.

THIS BEING THE SAME LAND conveyed to S.M. Weaver, now

deceased, by Lula Weaver at al by deed of April 9, 1947 such deed being now of record in office of Clerk of Wayne County Court in Deed Book 93 at page 36.

PARCEL II

FIRST TRACT: BEGINNING on Sam Weaver's line and running S 41 East 3 poles to a stake near a pond; thence S 29 E 46 poles to a stake; thence S 27 W 43 poles and 5 links to a stake; thence N 68-1/2 W 29 poles to Clyde Cowan's home tract line; thence his line N 18 E 73-1/2 poles to the beginning and containing 11 acres, more or less.

SECOND TRACT; That part of land lying North of Kentucky State Highway No. 90, and on which is located the old hone place of the late W.R. Cowan and which contains two acres, more or less.

THIS BEING THE SAME LAND conveyed to S.M. Weaver, now now deceased, by Lucy CoJan Koger et al by deed of May 16, 1954 such deed being also of record in said Clerk's office in Deed Book 119 at page 104.

PARCEL III

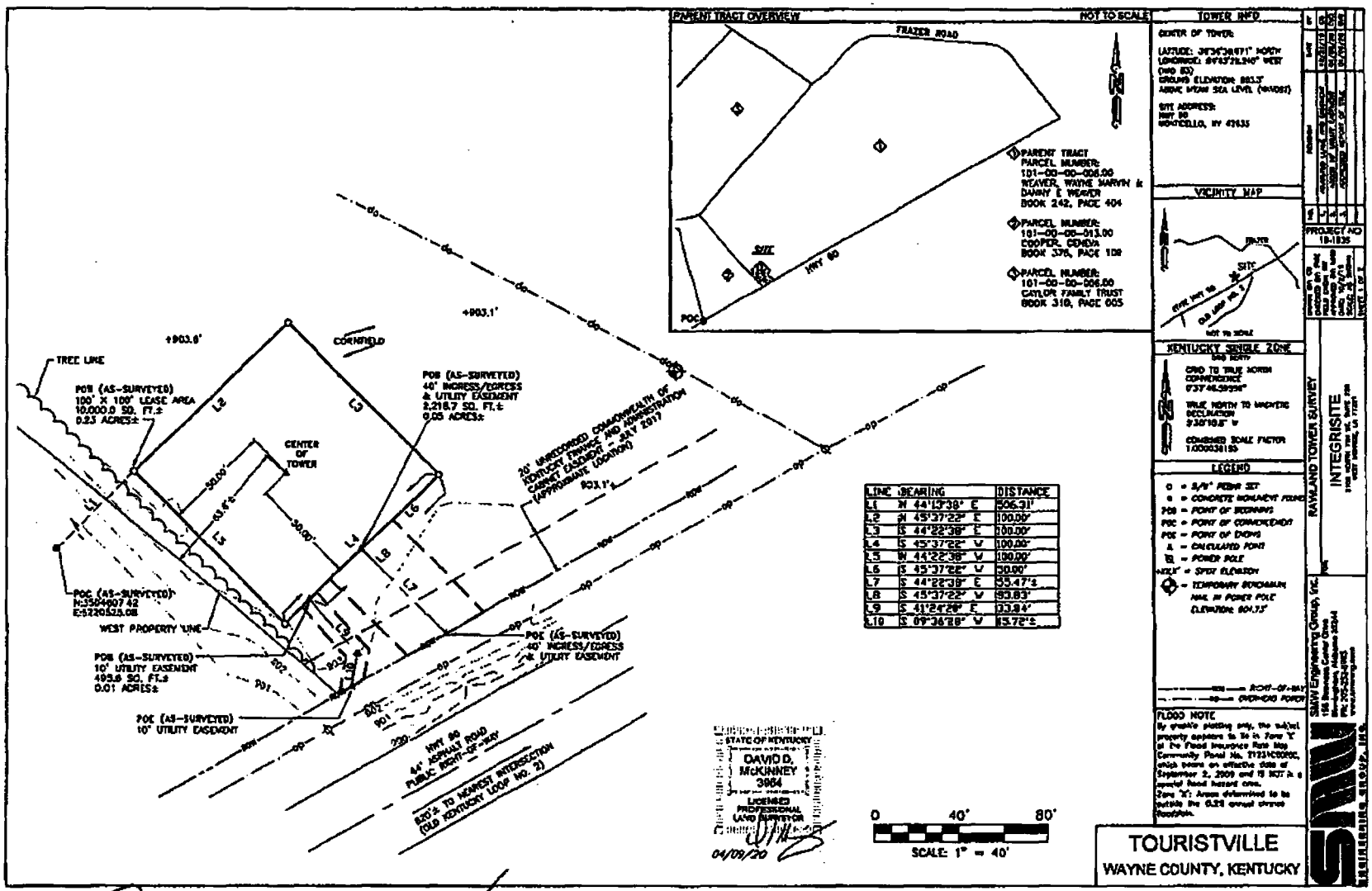
BEGINNING at a stone near the branch running N 41degrees 20' 40 poles & 19 links to a stone at pike; thence up the pike N 50 E 37 poles and 11 links to a stone, J.A.Weaver corner; thence with his line S 41 E 50 poles and 15 links to a stone in branch; thence still with said Weavers line S 16 E 8 poles and 15 links to a stone in branch; ; thence still said line S 47-2/3 E 131 poles and 18 links to a stone, East Corner; thence with East line S 30 W 32 poles and 12 links to elm in the Hollars corner; thence his line N 75 2/3 E 65 poles ; thence N 28 1/2 W 104 poles and 22 links to beginning. Containing 54-1/4 acres, more or less.

BEGINNING on a stone Link Jones line where the branch crosses said line thence S 67 E 52-1/2 poles to a stone in the old line; thence with the old line N 28 E 30-2/5 poles to a stone John Easts corner and with his line N 27 E 27-1/4 poles to a stone S.M. Weaver's old corner; thence N 76 W 59-1/2 poles to a stone Lincoln Jones corner; thence with his line N 22-3/4 W 48-1/3 poles to the beginning. Containing 18-1/4 acres, more or less.

BEING THE SAME LAND conveyed to S.M. Weaver by Trustee on July 12, 1933 such deed being now of record in the office of the Court Clerk, Wayne County, Kentucky in Deed Book No. 77 at page 333.

The foregoing parcels and tracts of land hereinabove described are subject to excluded tracts heretofore conveyed from the same to Bob Colyer et al and to Clifford Muse and reference is made to recorded deeds for more specific description of the tracts that are being excluded hereby. Also excluded tract sold to Ray Jewell.

The Premises are described and/or depicted as follows:



X Danny Edward Weaver 04/17/2020

DANNY EDWARD WEAVER DATE

X Wayne Marvin Weaver 04/17/2020

WAYNE MARVIN WEAVER DATE

PARENT TRACT (BOOK 242, PAGE 404)

First Tract: Beginning at a stone on Highway No. 90 a corner to Mrs. Rena Mercer; thence N 50 W 1410 feet with Mercer's line to a stake in J.L. Dalfron's line; thence with Dalfron's line N 37 E 1308 feet to the County Road thence with the meanders of the County Road 1454 feet to a stake in the line of Lot No. 13 of Block C; thence continuing with the county road 693 feet to a stake in Highway No. 90; thence with Highway No. 90, 2383 feet to the beginning. Containing 85 acres, more or less.

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

Being a portion of that certain tract of land as described and recorded in Book 242, Page 404 in the Office of the County Clerk, Wayne County, Kentucky lying in Block C as shown by the map or plat of the J.L. Shadoan land recorded in Book 92, Page 549 said Office of the County Clerk, said Wayne County and being more particularly described as follows:
Commencing at a concrete monument found on the north right-of-way line of State Highway 90 and having Kentucky Single Zone State Plane Coordinates of N:3504807.42 E:5220525.08; thence N 44°13'38" E a distance of 506.31 feet to a 5/8" rebar set and the Point of Beginning; thence N 45°37'22" E a distance of 100.00 feet to a 5/8" rebar set; thence S 44°22'38" E a distance of 100.00 feet to a 5/8" rebar set; thence S 45°37'22" W a distance of 100.00 feet to a 5/8" rebar set; thence N 44°22'38" W a distance of 100.00 feet to the Point of Beginning. Said above described Lease Area contains 10,000.0 square feet or 0.23 acres, more or less.

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

Being a portion of that certain tract of land as described and recorded in Book 242, Page 404 in the Office of the County Clerk, Wayne County, Kentucky lying in Block C as shown by the map or plat of the J.L. Shadoan land recorded in Book 92, Page 549 said Office of the County Clerk, said Wayne County and being more particularly described as follows:
Commencing at a concrete monument found on the north right-of-way line of State Highway 90 and having Kentucky Single Zone State Plane Coordinates of N:3504807.42 E:5220525.08; thence N 44°13'38" E a distance of 506.31 feet to a 5/8" rebar set; thence N 45°37'22" E a distance of 100.00 feet to a 5/8" rebar set; thence S 44°22'38" E a distance of 100.00 feet to a 5/8" rebar set; thence S 45°37'22" W a distance of 50.00 feet to the Point of Beginning of an Ingress/Egress & Utility Easement being 40 feet in width lying 20 feet each side of the following described centerline; thence S 44°22'38" E a distance of 55.47 feet, more or less, to a point on the north right-of-way line of State Highway 90 and the Point of Ending. Said above described Easement contains 2,218.7 square feet or 0.05 acres, more or less.

10' UTILITY EASEMENT (AS-SURVEYED)

Being a portion of that certain tract of land as described and recorded in Book 242, Page 404 in the Office of the County Clerk, Wayne County, Kentucky lying in Block C as shown by the map or plat of the J.L. Shadoan land recorded in Book 92, Page 549 said Office of the County Clerk, said Wayne County and being more particularly described as follows:
Commencing at a concrete monument found on the north right-of-way line of State Highway 90 and having Kentucky Single Zone State Plane Coordinates of N:3504807.42 E:5220525.08; thence N 44°13'38" E a distance of 506.31 feet to a 5/8" rebar set; thence N 45°37'22" E a distance of 100.00 feet to a 5/8" rebar set; thence S 44°22'38" E a distance of 100.00 feet to a 5/8" rebar set; thence S 45°37'22" W a distance of 83.83 feet to the Point of Beginning of an Easement being 10 feet in width and lying 5 feet on each side of the following described centerline; thence S 41°24'20" E a distance of 33.84 feet to a point; thence S 09°36'28" W a distance of 15.72 feet, more or less, to a point on the north right-of-way line of State Highway 90 and the Point of Ending. Said above described Easement contains 495.6 square feet or 0.01 acres, more or less.

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 September 2, 2019.
2. The following surveying instruments were used at time of field visit: Topcon GM55 Total Station, Reflectorless and Hiper SR RTK Network Rover with static capability.
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 DH3538. 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 in reference to a Report of Title, prepared by U.S. Title Solutions, File Number 83433-KY1906-5030 on June 13, 2019.
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 Client dated June 4, 2019 in direct correlation with existing monuments and physical evidence found through inspection and may not depict actual rights of occupancy.
14. Per Site Data Package provided by Client the site is not subject to zoning regulations.

PLOTTABLE EXCEPTIONS
U.S. Title Solutions
Report of Title File No. 83433-KY1906-5030
Date June 13, 2019
Schedule B

Item No.	Instrument	Comment
1-7		Standard exceptions. Contain no survey matters.
(8)	(Book 92, Page 549)	Does not contain exceptions that affect.
(9)	(Book 79, Page 30)	Does not Affect.
(10)	(Book 79, Page 29)	Does Affect but does not contain sufficient information to plot or show hereon.

STATE OF KENTUCKY
DAVID D. McKINNEY
3984
LICENSED PROFESSIONAL LAND SURVEYOR
04/09/20

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

TOURISTVILLE
WAYNE COUNTY, KENTUCKY

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

RAWLAND TOWER SURVEY
FOR: INTEGRISITE

PROJECT NO 19-1835

NO.	REVISION	DATE	BY
1.	ADJUSTED LEASE AND EASEMENT	10/21/19	CS
2.	ADDED 10' UTILITY EASEMENT	04/08/20	CHD
3.	CORRECTED REPORT OF TITLE	04/08/20	CHD

X Danny Edward Weaver 04/17/2020
DANNY EDWARD WEAVER DATE

X Wayne Marvin Weaver 04/17/2020
WAYNE MARVIN WEAVER DATE

EXHIBIT J
NOTIFICATION LISTING

Touristville – Notice List

WEAVER WAYNE MARVIN & DANNY E WEAVER
13950 BEL VISTA CT N
PROSPECT, KY 40059

COOPER GENEVA
10618 E HWY 90
MONTICELLO, KY 42633

SHELTON LOTTIE
10419 E HWY 90
MONTICELLO, KY 42633

CAYLOR FAMILY TRUST
499 FRAZER RD
MONTICELLO, KY 42633

ALLEN WILLIAM STEVENSON SR &
ALLEN SHERI DALTON
286 FRAZER RD
MONTICELLO, KY 42633

MUNSEY DONOVAN & RHONDA
11304 E HWY 90
MONTICELLO, KY 42633

MCCUTCHEN DAVID MARK
11098 E HWY 90
MONTICELLO, KY 42633

REYNOLDS TOMMY & RITA
11050 E HWY 90
MONTICELLO, KY 42633

PAMJ INC
C/O PHILLIP & MELYNDA HARDIN
184 INDIAN CAVE SUBD
MONTICELLO, KY 42633

GREGORY TERRY
10870 E HWY 90
MONTICELLO, KY 42633

ALLEN WILLIAM S & SHERI D
286 FRAZER RD
MONTICELLO, KY 42633

HARDIN PHILIP
184 INDIAN CAVE SUBD
MONTICELLO, KY 42633

STRINGER EDWIN EVERETT
PO BOX 374
BURNSIDE, KY 42519

MUNSEY DONOVAN & RHONDA
11304 E HWY 90
MONTICELLO, KY 42633

PIERCY JOANN
7387 HWY 1009 S
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: Touristville

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 Hwy 90, Monticello, KY 42633 (36° 56' 39.671" North latitude, 84° 43' 28.240" West longitude). The proposed facility will include a 230-foot tall tower, with an approximately 15-foot tall lightning arrestor attached at the top, for a total height of 245-feet, plus 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 2020-00318 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.

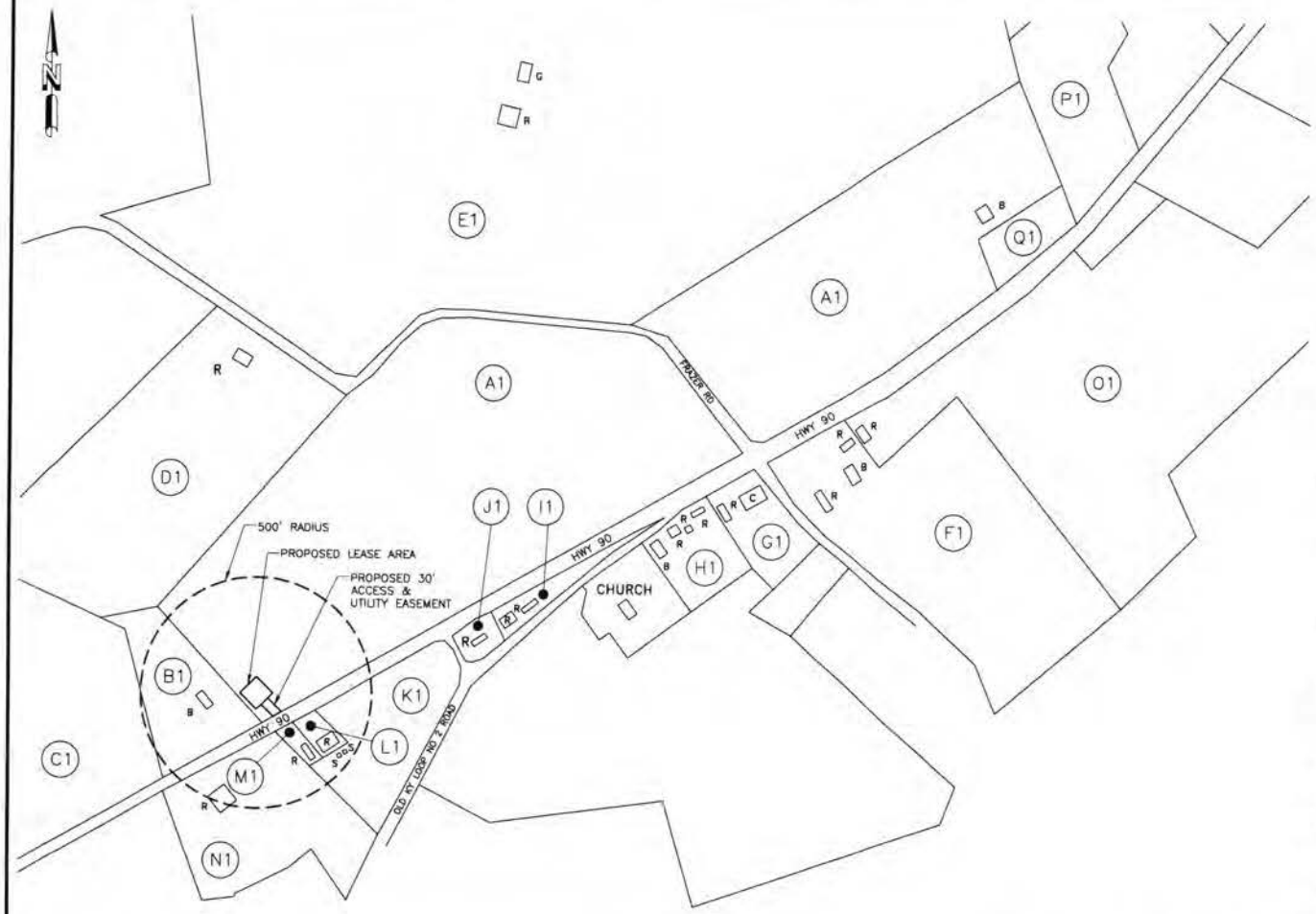
Sincerely,
David A. Pike
Attorney for Applicant

enclosure

Driving Directions to Proposed Tower Site

1. Beginning at the Wayne County Judge Executive's Office, located at 55 North Main Street, Suite 103, Monticello, KY 42633, head northeast (toward Michigan Avenue) on North Main Street and travel approximately 108 feet.
2. Continue straight to stay on North Main Street and travel approximately 1.5 miles.
3. Continue onto State Hwy 90 Bus and travel approximately 0.7 miles.
4. Turn right onto KY-90 E and travel approximately 9.0 miles.
5. The site is located on the left. The site address is Hwy 90, Monticello, KY 42633.
6. The site coordinates are:
    a. North 36 deg 56 min 39.671 sec
    b. West 84 deg 43 min 28.240 sec

Prepared by:
Chris Shouse
Pike Legal Group
1578 Highway 44 East, Suite 6
P.O. Box 396
Shepherdsville, KY 40165-3069
Telephone: 502-955-4400 or 800-516-4293



EXISTING BUILDINGS
R = RESIDENCE
B = BARN
G = GARAGE
C = COMMERCIAL

NOTE:
INFORMATION COMPILED ON 12/16/19
INFORMATION SHOWN IS BASED ON THE RECORDS OF THE WAYNE COUNTY, KENTUCKY PROPERTY VALUATION ADMINISTRATOR

0' 500' 1000' 1500'
1" = 500' (11"x17")

(A1) PARCEL ID: 101-00-00-008.00
WEAVER WAYNE MARVIN & DANNY E WEAVER
13950 BEL VISTA CT N
PROSPECT, KY 40059

(B1) PARCEL ID: 101-00-00-013.00
COOPER GENEVA
10618 E HWY 90
MONTICELLO, KY 42633

(C1) PARCEL ID: 101-00-00-014.00
SHELTON LOTTIE
10419 E HWY 90
MONTICELLO, KY 42633

(D1) PARCEL ID: 101-00-00-006.00
CAYLOR FAMILY TRUST
499 FRAZER RD
MONTICELLO, KY 42633

(E1) PARCEL ID: 101-00-00-007.00
ALLEN WILLIAM STEVENSON SR & ALLEN SHERI DALTON
286 FRAZIER RD
MONTICELLO, KY 42633

(F1) PARCEL ID: 101-00-00-023.00
MUNSEY DONOVAN & RHONDA
11304 E HWY 90
MONTICELLO, KY 42633

(G1) PARCEL ID: 101-00-00-009.00
MCCUTCHEN DAVID MARK
11098 E HWY 90
MONTICELLO, KY 42633

(H1) PARCEL ID: 101-00-00-010.00
REYNOLDS TOMMY & RITA
11050 E HWY 90
MONTICELLO, KY 42633

(I1) PARCEL ID: 101-00-00-012.00
PAMJ INC C/O PHILLIP & MELYNDA HARDIN
270 MATTHEWS RAMSEY LN
MONTICELLO, KY 42633

(J1) PARCEL ID: 101-00-00-012.01
GREGORY TERRY
10870 E HWY 90
MONTICELLO, KY 42633

(K1) PARCEL ID: 101-00-00-008.01
ALLEN WILLIAM S & SHERI D
286 FRAZER RD
MONTICELLO, KY 42633

(L1) PARCEL ID: 101-00-00-008.02
HARDIN PHILIP
270 MATTHEWS RAMSEY LN
MONTICELLO, KY 42633

(M1) PARCEL ID: 101-00-00-008.03
STRINGER EDWIN EVERETT
PO BOX 374
BURNSIDE, KY 42519

(N1) PARCEL ID: 101-00-00-013.00
COOPER GENEVA
10618 E HWY 90
MONTICELLO, KY 42633

(O1) PARCEL ID: 101-00-00-024.00
MUNSEY DONOVAN & RHONDA
11304 E HWY 90
MONTICELLO, KY 42633

(P1) PARCEL ID: 101-00-00-027.00
UNKNOWN OWNER
FRAZER (HWY 90)
MONTICELLO, KY 42633

(Q1) PARCEL ID: 101-00-00-025.00
PIERCY JOANN
7387 HWY 1009 S
MONTICELLO, KY 42633

SMW

SMW # 19-1635

at&t

#	DATE	DESCRIPTION
0	11/18/19	ISSUED FOR CLIENT REV.
1	12/16/19	REISSUED FOR CLIENT REV.
2	08/28/20	ISSUED FOR ZONING

TOURISTVILLE

500' RADIUS AND ABUTTERS MAP

DESIGNED: JDS
DRAWN: BMD
CHECKED: RTB

JOB # 10262019

B-1

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

Mike Anderson
County Judge Executive
P.O. Box 439
55 North Main Street, Suite 103
Monticello, KY 42633

RE: Notice of Proposal to Construct Wireless Communications Facility
Kentucky Public Service Commission Docket No. 2020-00318
Site Name: Touristville

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 Hwy 90, Monticello, KY 42633 (36° 56' 39.671" North latitude, 84° 43' 28.240" West longitude). The proposed facility will include a 230-foot tall tower, with an approximately 15-foot tall lightning arrestor attached at the top, for a total height of 245-feet, plus 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 2020-00318 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.

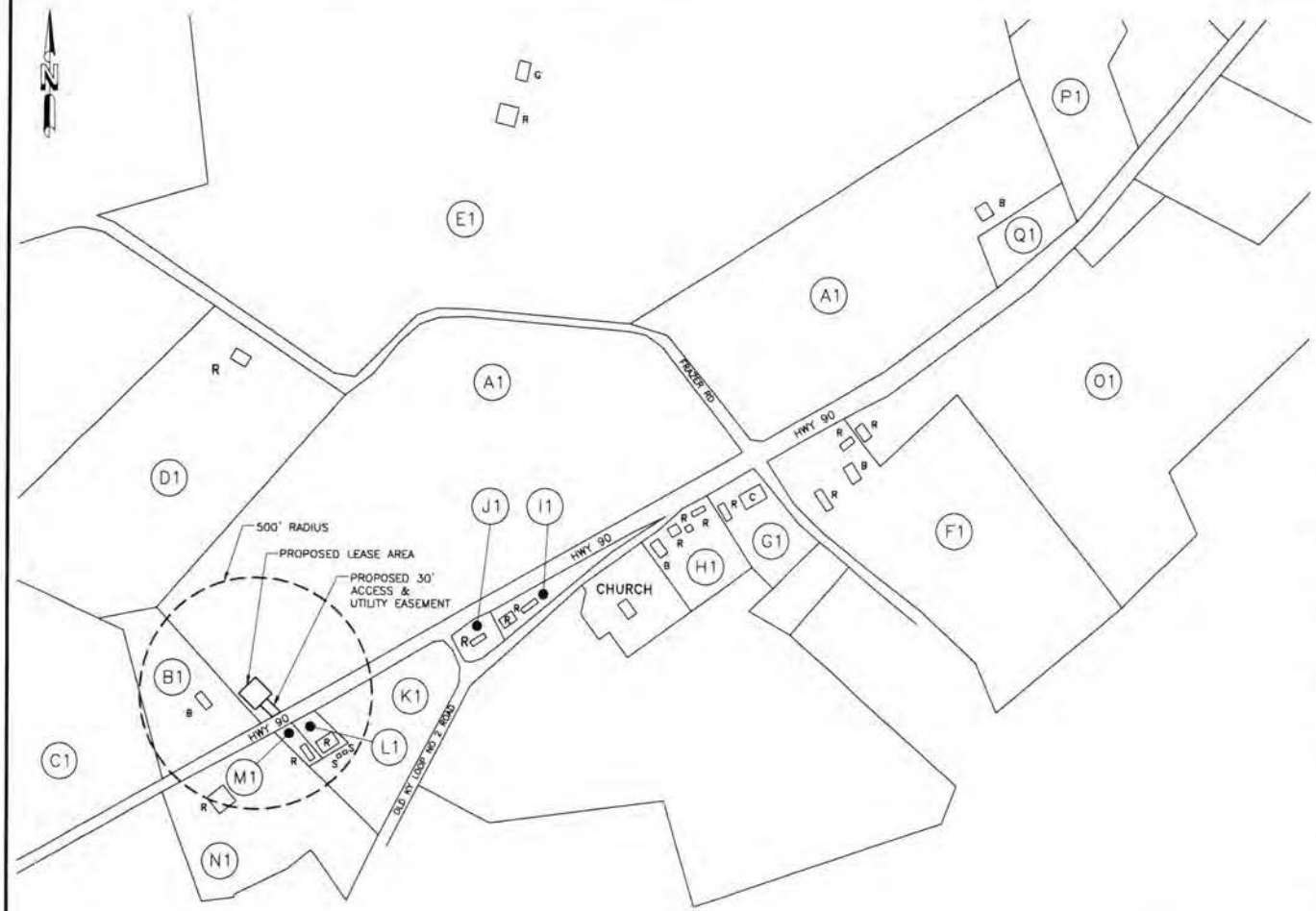
Sincerely,
David A. Pike
Attorney for Applicant

enclosures

Driving Directions to Proposed Tower Site

1. Beginning at the Wayne County Judge Executive's Office, located at 55 North Main Street, Suite 103, Monticello, KY 42633, head northeast (toward Michigan Avenue) on North Main Street and travel approximately 108 feet.
2. Continue straight to stay on North Main Street and travel approximately 1.5 miles.
3. Continue onto State Hwy 90 Bus and travel approximately 0.7 miles.
4. Turn right onto KY-90 E and travel approximately 9.0 miles.
5. The site is located on the left. The site address is Hwy 90, Monticello, KY 42633.
6. The site coordinates are:
    a. North 36 deg 56 min 39.671 sec
    b. West 84 deg 43 min 28.240 sec

Prepared by:
Chris Shouse
Pike Legal Group
1578 Highway 44 East, Suite 6
P.O. Box 396
Shepherdsville, KY 40165-3069
Telephone: 502-955-4400 or 800-516-4293



EXISTING BUILDINGS
R = RESIDENCE
B = BARN
G = GARAGE
C = COMMERCIAL

NOTE:
INFORMATION COMPILED ON 12/16/19
INFORMATION SHOWN IS BASED ON THE RECORDS OF THE WAYNE COUNTY, KENTUCKY PROPERTY VALUATION ADMINISTRATOR

0' 500' 1000' 1500'
1" = 500' (11"x17")

(A1) PARCEL ID: 101-00-00-008.00
WEAVER WAYNE MARVIN & DANNY E WEAVER
13950 BEL VISTA CT N
PROSPECT, KY 40059

(B1) PARCEL ID: 101-00-00-013.00
COOPER GENEVA
10618 E HWY 90
MONTICELLO, KY 42633

(C1) PARCEL ID: 101-00-00-014.00
SHELTON LOTTIE
10419 E HWY 90
MONTICELLO, KY 42633

(D1) PARCEL ID: 101-00-00-006.00
CAYLOR FAMILY TRUST
499 FRAZER RD
MONTICELLO, KY 42633

(E1) PARCEL ID: 101-00-00-007.00
ALLEN WILLIAM STEVENSON SR & ALLEN SHERI DALTON
286 FRAZIER RD
MONTICELLO, KY 42633

(F1) PARCEL ID: 101-00-00-023.00
MUNSEY DONOVAN & RHONDA
11304 E HWY 90
MONTICELLO, KY 42633

(G1) PARCEL ID: 101-00-00-009.00
MCCUTCHEN DAVID MARK
11098 E HWY 90
MONTICELLO, KY 42633

(H1) PARCEL ID: 101-00-00-010.00
REYNOLDS TOMMY & RITA
11050 E HWY 90
MONTICELLO, KY 42633

(I1) PARCEL ID: 101-00-00-012.00
PAMJ INC C/O PHILLIP & MELYNDA HARDIN
270 MATTHEWS RAMSEY LN
MONTICELLO, KY 42633

(J1) PARCEL ID: 101-00-00-012.01
GREGORY TERRY
10870 E HWY 90
MONTICELLO, KY 42633

(K1) PARCEL ID: 101-00-00-008.01
ALLEN WILLIAM S & SHERI D
286 FRAZER RD
MONTICELLO, KY 42633

(L1) PARCEL ID: 101-00-00-008.02
HARDIN PHILIP
270 MATTHEWS RAMSEY LN
MONTICELLO, KY 42633

(M1) PARCEL ID: 101-00-00-008.03
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SMW# 19-1835

at&t

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1	12/16/19	REISSUED FOR CLIENT REV.
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TOURISTVILLE

500' RADIUS AND ABUTTERS MAP

DESIGNED: JDS
DRAWN: BMD
CHECKED: RTB

JOB # 10262019

B-1

EXHIBIT M
COPY OF POSTED NOTICES
AND NEWSPAPER NOTICE ADVERTISEMENT

SITE NAME: TOURISTVILLE
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 2020-00318 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 2020-00318 in your correspondence.

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 TELEPHONE: 606-348-3338

Wayne County Outlook
45 East Columbia Avenue
Monticello, KY 42633

RE: Legal Notice Advertisement
Site Name: Tourisville

Dear Wayne County Outlook:

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

NOTICE

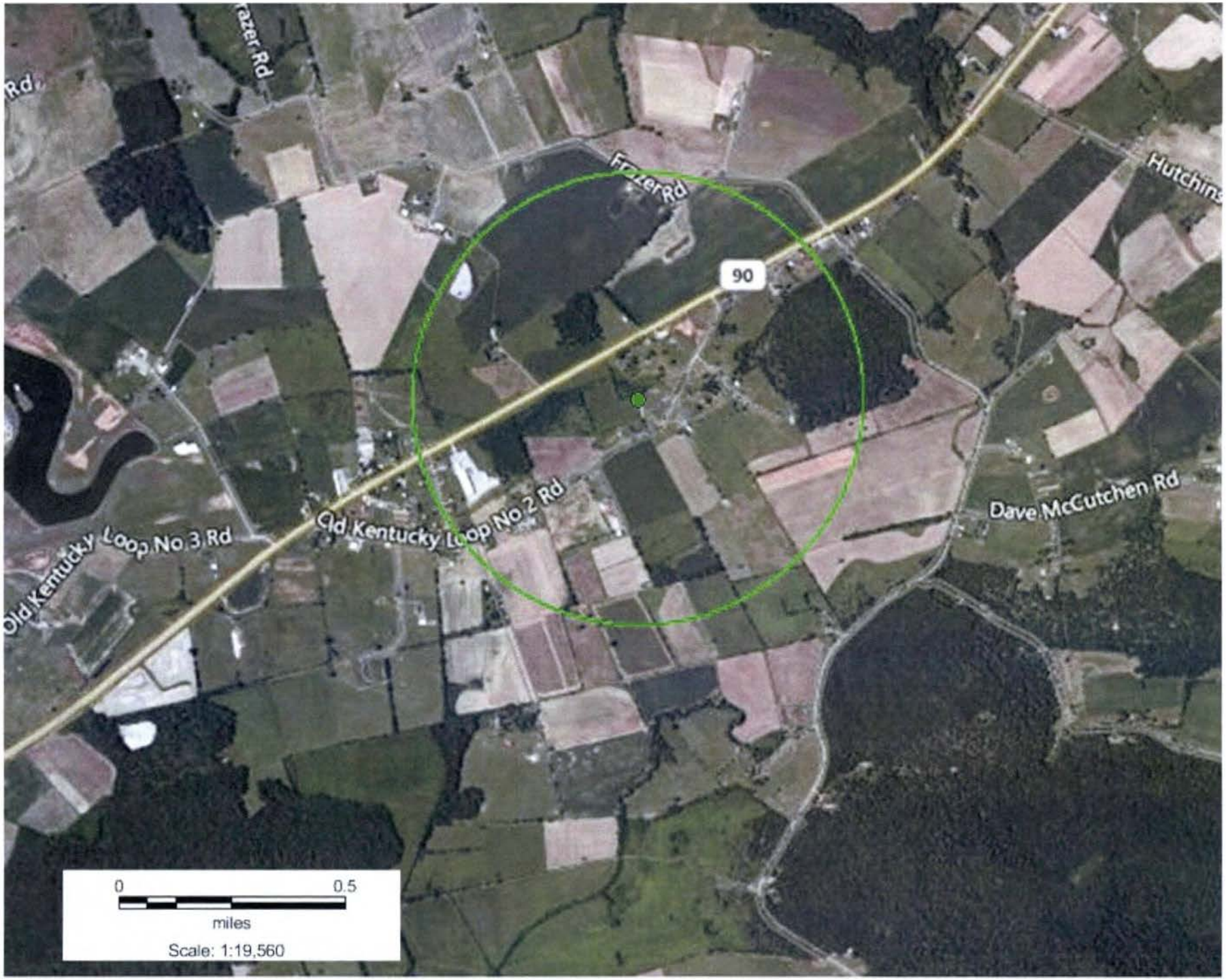
New Cingular Wireless PCS, LLC, a Delaware limited liability company, d/b/a AT&T Mobility has filed an application with the Kentucky Public Service Commission ("PSC") to construct a new wireless communications facility on a site located at Hwy 90, Monticello, KY 42633 (36° 56' 39.671" North latitude, 84° 43' 28.240" 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 2020-00318 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,

Chris Shouse
Pike Legal Group, PLLC

EXHIBIT N
COPY OF RADIO FREQUENCY DESIGN SEARCH AREA



Lat: 36.9418
Lon: -84.7246
Radius: .5 miles

Touristville Search Area