

**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.: 2021-00045
CONVENIENCE AND NECESSITY TO CONSTRUCT)
A WIRELESS COMMUNICATIONS FACILITY)
IN THE COMMONWEALTH OF KENTUCKY)
IN THE COUNTY OF LETCHER)

SITE NAME: HALLIE

* * * * *

**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 on Kentucky Highway 1103, Hallie, KY 41821 (37° 06' 50.078671" North latitude, 83° 00' 03.542361" 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 Karen Yvonne Cornett pursuant to a Deed recorded at Deed Book 440, Page 500 in the office of the County Clerk. The proposed WCF will consist of a 305-foot tall tower, with an approximately 15-foot tall lightning arrestor attached at the top, for a total height of 320-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 application submitted to the Kentucky Airport Zoning Commission ("KAZC") for the proposed construction 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 agreement or an abbreviated agreement recorded with the County Clerk is 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 lease area for 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 mountainous, rural and heavily wooded. There are no existing residential structures located within 500' of the proposed tower location.

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. In addition to expanding and improving voice and data service for AT&T mobile customers, this site will also provide wireless local loop ("WLL") broadband internet service in the subject area. As a participant in the FCC's Connect America Fund Phase II (CAF II)

program, AT&T is aggressively deploying WLL service infrastructure to bring expanded internet access to residential and business customers in rural and other underserved areas.

WLL will support internet access at the high speeds required to use and enjoy the most current business, education and entertainment technologies. Broadband service via WLL will be delivered from the tower to a dedicated antenna located at the home or business receiving service and will support downloads at 10 Mbps and uploads at 1 Mbps.

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

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

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

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

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

Respectfully submitted,



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

LIST OF EXHIBITS

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

REFERENCE COPY

This is not an official FCC license. It is a record of public information contained in the FCC's licensing database on the date that this reference copy was generated. In cases where FCC rules require the presentation, posting, or display of an FCC license, this document may not be used in place of an official FCC license.



**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 KNKN673	File Number
Radio Service CL - Cellular	
Market Numer CMA453	Channel Block A
Sub-Market Designator 0	

FCC Registration Number (FRN): 0003291192

Market Name Kentucky 11 - Clay
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Grant Date 08-30-2011	Effective Date 08-31-2018	Expiration Date 10-01-2021	Five Yr Build-Out Date	Print Date
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Site Information:

Location	Latitude	Longitude	Ground Elevation (meters)	Structure Hgt to Tip (meters)	Antenna Structure Registration No.
4	36-44-50.6 N	084-08-43.6 W	469.7	62.2	1043812
Address: 969 CELL TOWER ROAD (76426)					
City: WILLIAMSBURG County: WHITLEY 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)	164.200	142.000	198.300	134.200	151.500	124.900	186.500	184.500
Transmitting ERP (watts)	80.790	33.632	2.346	0.254	0.164	0.164	5.156	40.160

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)	164.200	142.000	198.300	134.200	151.500	124.900	186.500	184.500
Transmitting ERP (watts)	1.159	16.802	80.666	104.784	22.590	1.407	0.209	0.204

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)	164.200	142.000	198.300	134.200	151.500	124.900	186.500	184.500
Transmitting ERP (watts)	0.393	0.106	0.095	1.187	9.994	34.712	26.126	3.238

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: KNKN673

File Number:

Print Date:

Location	Latitude	Longitude	Ground Elevation (meters)	Structure Hgt to Tip (meters)	Antenna Structure Registration No.
7	36-38-29.0 N	083-46-24.9 W	917.4	64.9	1056643

Address: 2 MILES NORTHWEST OF NOETOWN 19 MIL (76435)

City: Middlesboro County: BELL 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)	514.300	514.900	478.800	557.800	452.400	334.800	345.400	421.600
Transmitting ERP (watts)	41.864	12.118	1.035	0.164	0.104	0.102	0.886	11.503

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)	514.300	514.900	478.800	557.800	452.400	334.800	345.400	421.600
Transmitting ERP (watts)	0.286	0.947	0.706	0.874	0.879	0.224	0.101	0.109

Location	Latitude	Longitude	Ground Elevation (meters)	Structure Hgt to Tip (meters)	Antenna Structure Registration No.
12	36-58-46.0 N	083-01-30.2 W	736.8	80.5	1010610

Address: 21834 HIGHWAY 160 (76432)

City: GORDON County: LETCHER 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)	316.700	319.800	30.000	54.700	30.000	198.900	238.900	287.300
Transmitting ERP (watts)	112.719	46.762	8.219	1.163	0.285	0.298	5.383	44.574

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)	316.700	319.800	30.000	54.700	30.000	198.900	238.900	287.300
Transmitting ERP (watts)	0.636	12.989	91.274	94.955	26.405	2.175	0.841	0.311

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)	316.700	319.800	30.000	54.700	30.000	198.900	238.900	287.300
Transmitting ERP (watts)	1.458	0.224	0.588	1.866	27.246	84.787	72.123	11.074

Location	Latitude	Longitude	Ground Elevation (meters)	Structure Hgt to Tip (meters)	Antenna Structure Registration No.
13	36-40-53.1 N	084-08-46.5 W	446.2	58.8	

Address: 895 WAGON WHEEL ROAD (76433)

City: WILLIAMSBURG County: WHITLEY 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	160.200	107.400	125.700	101.200	58.800	107.500	145.600
Transmitting ERP (watts)	24.755	89.034	70.279	10.065	1.351	0.211	0.387	1.828

Licensee Name: NEW CINGULAR WIRELESS PCS, LLC

Call Sign: KNKN673

File Number:

Print Date:

Location	Latitude	Longitude	Ground Elevation (meters)	Structure Hgt to Tip (meters)	Antenna Structure Registration No.
13	36-40-53.1 N	084-08-46.5 W	446.2	58.8	

Address: 895 WAGON WHEEL ROAD (76433)
City: WILLIAMSBURG County: WHITLEY State: KY Construction Deadline:

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) 159.200 160.200 107.400 125.700 101.200 58.800 107.500 145.600
Transmitting ERP (watts) 0.124 3.716 14.234 28.095 19.823 32.016 11.426 8.167

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) 159.200 160.200 107.400 125.700 101.200 58.800 107.500 145.600
Transmitting ERP (watts) 21.702 2.370 0.815 0.286 0.611 12.974 63.085 92.160

Location	Latitude	Longitude	Ground Elevation (meters)	Structure Hgt to Tip (meters)	Antenna Structure Registration No.
16	36-50-41.4 N	084-09-27.9 W	410.0	97.8	1204258

Address: 4499 HIGHWAY 511 (64046)
City: Rockholds County: WHITLEY State: KY Construction Deadline: 02-23-2013

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) 144.000 137.900 124.500 157.700 188.600 187.400 152.500 147.000
Transmitting ERP (watts) 40.926 37.139 5.069 0.465 0.105 0.099 1.028 10.105

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) 144.000 137.900 124.500 157.700 188.600 187.400 152.500 147.000
Transmitting ERP (watts) 0.176 0.199 0.523 10.033 46.347 45.959 7.311 1.005

Location	Latitude	Longitude	Ground Elevation (meters)	Structure Hgt to Tip (meters)	Antenna Structure Registration No.
17	37-09-19.2 N	083-26-33.1 W	516.6	98.1	1043811

Address: 2255 DAVIDSON FORK ROAD (76424)
City: THOUSAND STICKS County: LESLIE State: KY Construction Deadline: 02-23-2013

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) 255.100 250.600 210.300 157.900 145.900 186.400 230.000 208.500
Transmitting ERP (watts) 183.310 76.153 8.501 2.109 0.426 0.548 8.899 75.006

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) 255.100 250.600 210.300 157.900 145.900 186.400 230.000 208.500
Transmitting ERP (watts) 1.243 25.877 136.672 204.174 47.594 4.976 1.640 0.627

Licensee Name: NEW CINGULAR WIRELESS PCS, LLC

Call Sign: KNKN673

File Number:

Print Date:

Location	Latitude	Longitude	Ground Elevation (meters)	Structure Hgt to Tip (meters)	Antenna Structure Registration No.
17	37-09-19.2 N	083-26-33.1 W	516.6	98.1	1043811

Address: 2255 DAVIDSON FORK ROAD (76424)

City: THOUSAND STICKS County: LESLIE State: KY Construction Deadline: 02-23-2013

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)	255.100	250.600	210.300	157.900	145.900	186.400	230.000	208.500
Transmitting ERP (watts)	2.923	0.456	0.895	4.155	54.327	193.511	147.915	23.334

Location	Latitude	Longitude	Ground Elevation (meters)	Structure Hgt to Tip (meters)	Antenna Structure Registration No.
18	36-45-42.1 N	083-40-29.0 W	685.2	129.5	1215974

Address: RO7 PO BOX 264E BIRD BRANCH ROAD (76437)

City: PINEVILLE County: BELL State: KY Construction Deadline: 02-23-2013

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)	314.900	270.100	337.000	312.300	338.800	334.000	355.300	387.000
Transmitting ERP (watts)	91.981	37.204	3.868	0.986	0.201	0.271	4.377	36.079

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)	314.900	270.100	337.000	312.300	338.800	334.000	355.300	387.000
Transmitting ERP (watts)	2.152	13.241	26.567	29.575	18.963	5.601	3.888	1.518

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)	314.900	270.100	337.000	312.300	338.800	334.000	355.300	387.000
Transmitting ERP (watts)	5.299	1.993	2.409	5.378	23.634	32.748	36.478	14.971

Location	Latitude	Longitude	Ground Elevation (meters)	Structure Hgt to Tip (meters)	Antenna Structure Registration No.
19	36-53-53.5 N	083-19-27.0 W	858.6	35.4	

Address: 3017 NORTH US HIGHWAY 421 (76355)

City: BAXTER County: HARLAN State: KY Construction Deadline: 02-23-2013

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)	423.700	288.900	270.400	273.500	415.500	424.000	260.500	381.500
Transmitting ERP (watts)	118.281	51.051	5.389	1.305	0.258	0.357	5.945	46.435

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)	423.700	288.900	270.400	273.500	415.500	424.000	260.500	381.500
Transmitting ERP (watts)	4.387	28.108	56.992	61.619	38.611	11.792	8.653	3.099

Licensee Name: NEW CINGULAR WIRELESS PCS, LLC

Call Sign: KNKN673

File Number:

Print Date:

Location	Latitude	Longitude	Ground Elevation (meters)	Structure Hgt to Tip (meters)	Antenna Structure Registration No.
19	36-53-53.5 N	083-19-27.0 W	858.6	35.4	

Address: 3017 NORTH US HIGHWAY 421 (76355)
City: BAXTER County: HARLAN State: KY Construction Deadline: 02-23-2013

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)	423.700	288.900	270.400	273.500	415.500	424.000	260.500	381.500
Transmitting ERP (watts)	1.510	0.244	0.451	2.060	26.719	99.966	80.742	11.222

Location	Latitude	Longitude	Ground Elevation (meters)	Structure Hgt to Tip (meters)	Antenna Structure Registration No.
22	37-09-01.0 N	083-41-03.6 W	484.0	94.4	1267062

Address: Bear Creek Rd (87003)
City: Hector County: CLAY State: KY Construction Deadline: 02-23-2013

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)	247.900	220.000	188.600	160.500	206.100	259.700	247.500	246.500
Transmitting ERP (watts)	153.770	65.269	4.896	0.487	0.313	0.307	9.959	76.610

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)	247.900	220.000	188.600	160.500	206.100	259.700	247.500	246.500
Transmitting ERP (watts)	1.554	22.565	112.704	140.260	30.708	1.874	0.302	0.278

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)	247.900	220.000	188.600	160.500	206.100	259.700	247.500	246.500
Transmitting ERP (watts)	1.012	0.314	0.295	4.424	44.416	139.728	106.944	13.222

Location	Latitude	Longitude	Ground Elevation (meters)	Structure Hgt to Tip (meters)	Antenna Structure Registration No.
23	37-08-58.7 N	083-45-07.4 W	452.6	96.0	1043808

Address: LUCAS ROAD ON TOP OF HILL (76428)
City: MANCHESTER County: CLAY 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)	212.800	191.000	150.800	181.400	199.900	198.200	202.800	202.900
Transmitting ERP (watts)	111.736	45.822	5.058	1.185	0.248	0.336	5.441	44.976

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)	212.800	191.000	150.800	181.400	199.900	198.200	202.800	202.900
Transmitting ERP (watts)	0.630	13.113	68.789	97.232	23.078	2.526	0.830	0.308

Call Sign: KNKN673

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Location	Latitude	Longitude	Ground Elevation (meters)	Structure Hgt to Tip (meters)	Antenna Structure Registration No.
23	37-08-58.7 N	083-45-07.4 W	452.6	96.0	1043808

Address: LUCAS ROAD ON TOP OF HILL (76428)

City: MANCHESTER County: CLAY 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)	212.800	191.000	150.800	181.400	199.900	198.200	202.800	202.900
Transmitting ERP (watts)	4.442	3.181	3.850	5.507	16.941	16.885	21.020	12.170

Location	Latitude	Longitude	Ground Elevation (meters)	Structure Hgt to Tip (meters)	Antenna Structure Registration No.
24	36-52-13.8 N	083-24-54.2 W	835.2	80.5	1007945

Address: 3700 WATTS CREEK TOWER ROAD (76431)

City: WALLINS CREEK County: HARLAN 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)	357.800	283.300	392.600	363.200	337.000	470.900	325.200	332.900
Transmitting ERP (watts)	116.142	48.918	4.986	1.287	0.267	0.341	5.779	46.632

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)	357.800	283.300	392.600	363.200	337.000	470.900	325.200	332.900
Transmitting ERP (watts)	1.626	16.756	46.777	60.050	27.346	5.464	2.977	1.029

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)	357.800	283.300	392.600	363.200	337.000	470.900	325.200	332.900
Transmitting ERP (watts)	1.479	0.233	0.427	2.031	27.025	95.886	77.822	11.442

Location	Latitude	Longitude	Ground Elevation (meters)	Structure Hgt to Tip (meters)	Antenna Structure Registration No.
25	36-36-37.5 N	083-42-49.1 W	346.5	60.3	1232693

Address: 131 AMESBURY STREET (76438)

City: MIDDLESBORO County: BELL 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)	30.000	30.000	30.000	30.000	30.000	30.000	30.000	30.000
Transmitting ERP (watts)	145.069	41.420	3.508	0.571	0.313	0.301	3.015	39.614

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)	30.000	30.000	30.000	30.000	30.000	30.000	30.000	30.000
Transmitting ERP (watts)	0.125	3.991	32.278	53.652	8.875	0.818	0.150	0.111

Licensee Name: NEW CINGULAR WIRELESS PCS, LLC

Call Sign: KNKN673

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Print Date:

Location	Latitude	Longitude	Ground Elevation (meters)	Structure Hgt to Tip (meters)	Antenna Structure Registration No.
25	36-36-37.5 N	083-42-49.1 W	346.5	60.3	1232693

Address: 131 AMESBURY STREET (76438)

City: MIDDLESBORO County: BELL 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)	30.000	30.000	30.000	30.000	30.000	30.000	30.000	30.000
Transmitting ERP (watts)	0.906	0.242	0.226	0.866	20.330	108.084	76.154	7.898

Location	Latitude	Longitude	Ground Elevation (meters)	Structure Hgt to Tip (meters)	Antenna Structure Registration No.
26	36-42-35.9 N	083-40-58.1 W	636.1	57.3	

Address: RURAL ROUTE 1 BOX 109 (76441)

City: PINEVILLE County: BELL 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)	218.900	188.400	284.100	201.300	245.000	65.400	242.700	257.700
Transmitting ERP (watts)	15.060	36.966	29.277	42.643	20.844	12.416	3.511	5.735

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)	218.900	188.400	284.100	201.300	245.000	65.400	242.700	257.700
Transmitting ERP (watts)	0.639	0.133	0.186	4.240	28.970	66.602	17.897	2.186

Control Points:

Control Pt. No. 1

Address: 1650 LYNDON FARMS COURT

City: LOUISVILLE County: State: KY Telephone Number: (502)329-4700

Waivers/Conditions:

WE MAKE NO FINDING IN THESE CASES THE ISSUES RAISED IN FOOTNOTE 3 OF LA STAR CELLULAR TELEPHONE COMPANY, 7 FF Rcd 3762 (1992). THEREFORE, THESE GRANTS OF TRANSFERS/ASSIGNMENTS ARE CONDITIONED ON ANY SUBSEQUENT ACTION THE COMMISSION MAY TAKE CONCERNING THE

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).

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Federal Communications Commission
Wireless Telecommunications Bureau

RADIO STATION AUTHORIZATION

LICENSEE: NEW CINGULAR WIRELESS PCS, LLC

ATTN: LESLIE WILSON
 NEW CINGULAR WIRELESS PCS, LLC
 208 S AKARD ST., RM 1016
 DALLAS, TX 75202

Call Sign KNKN841	File Number
Radio Service CL - Cellular	
Market Numer CMA452	Channel Block A
Sub-Market Designator 0	

FCC Registration Number (FRN): 0003291192

Market Name Kentucky 10 - Powell
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Grant Date 08-30-2011	Effective Date 08-31-2018	Expiration Date 10-01-2021	Five Yr Build-Out Date	Print Date
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Site Information:

Location	Latitude	Longitude	Ground Elevation (meters)	Structure Hgt to Tip (meters)	Antenna Structure Registration No.
5	37-04-39.7 N	082-48-27.8 W	856.5	95.4	1061533
Address: 103 TOWER HILL ROAD (76337)					
City: WHITESBURG County: LETCHER 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)	469.200	417.400	315.300	222.000	132.100	356.800	457.700	492.500
Transmitting ERP (watts)	12.022	8.233	13.016	5.482	3.813	0.108	1.481	5.717

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)	469.200	417.400	315.300	222.000	132.100	356.800	457.700	492.500
Transmitting ERP (watts)	0.497	0.110	0.136	2.162	18.537	40.538	17.478	2.020

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)	469.200	417.400	315.300	222.000	132.100	356.800	457.700	492.500
Transmitting ERP (watts)	51.423	16.329	8.850	0.158	2.803	14.815	46.596	45.493

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: KNKN841

File Number:

Print Date:

Location	Latitude	Longitude	Ground Elevation (meters)	Structure Hgt to Tip (meters)	Antenna Structure Registration No.
7	37-48-18.3 N	083-50-24.1 W	403.3	106.4	1043803

Address: 3690 Furnace Road (76341)

City: STANTON County: POWELL 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)	239.600	224.300	179.900	162.000	195.500	176.800	262.600	283.200
Transmitting ERP (watts)	13.906	21.652	8.665	5.943	0.123	2.628	9.451	19.854

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)	239.600	224.300	179.900	162.000	195.500	176.800	262.600	283.200
Transmitting ERP (watts)	0.562	11.483	60.345	87.582	20.025	2.235	0.703	0.268

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)	239.600	224.300	179.900	162.000	195.500	176.800	262.600	283.200
Transmitting ERP (watts)	1.261	0.189	0.376	1.717	22.517	83.071	60.872	9.440

Location	Latitude	Longitude	Ground Elevation (meters)	Structure Hgt to Tip (meters)	Antenna Structure Registration No.
8	37-25-58.7 N	084-00-12.8 W	422.1	96.6	1043802

Address: 1 MILE NW OF MCKEE (76343)

City: MCKEE County: JACKSON 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)	139.700	155.200	150.500	131.100	145.400	147.600	127.600	123.400
Transmitting ERP (watts)	26.126	93.835	72.381	11.143	1.397	0.214	0.430	1.977

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)	139.700	155.200	150.500	131.100	145.400	147.600	127.600	123.400
Transmitting ERP (watts)	0.119	1.588	5.852	12.166	8.174	13.032	5.144	3.553

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)	139.700	155.200	150.500	131.100	145.400	147.600	127.600	123.400
Transmitting ERP (watts)	17.060	5.344	6.326	3.080	2.938	13.608	19.087	18.277

Licensee Name: NEW CINGULAR WIRELESS PCS, LLC

Call Sign: KNKN841

File Number:

Print Date:

Location	Latitude	Longitude	Ground Elevation (meters)	Structure Hgt to Tip (meters)	Antenna Structure Registration No.
11	37-43-36.1 N	083-56-30.1 W	428.5	105.2	1041588

Address: 1850 Chestnut Stand Road (76344)

City: IRVINE County: ESTILL 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)	268.100	191.200	185.400	224.200	235.300	293.800	271.800	266.500
Transmitting ERP (watts)	21.827	35.355	13.530	9.226	0.129	4.117	15.601	31.961

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)	268.100	191.200	185.400	224.200	235.300	293.800	271.800	266.500
Transmitting ERP (watts)	0.672	14.167	72.140	103.407	24.559	2.608	0.888	0.327

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)	268.100	191.200	185.400	224.200	235.300	293.800	271.800	266.500
Transmitting ERP (watts)	1.492	0.235	0.449	2.041	27.595	98.921	76.583	11.514

Location	Latitude	Longitude	Ground Elevation (meters)	Structure Hgt to Tip (meters)	Antenna Structure Registration No.
12	37-22-08.0 N	083-00-10.8 W	529.7	108.2	1043800

Address: 792 AMON FINLEY ROAD (76338)

City: HINDMAN County: KNOTT 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)	231.800	219.900	201.700	233.100	202.300	239.000	278.600	245.800
Transmitting ERP (watts)	345.918	142.771	15.858	3.731	0.807	1.018	16.311	138.097

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)	231.800	219.900	201.700	233.100	202.300	239.000	278.600	245.800
Transmitting ERP (watts)	1.551	31.288	164.802	238.390	59.476	6.231	2.030	0.777

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)	231.800	219.900	201.700	233.100	202.300	239.000	278.600	245.800
Transmitting ERP (watts)	4.316	0.653	1.244	5.580	75.771	271.432	209.105	33.455

Licensee Name: NEW CINGULAR WIRELESS PCS, LLC

Call Sign: KNKN841

File Number:

Print Date:

Location	Latitude	Longitude	Ground Elevation (meters)	Structure Hgt to Tip (meters)	Antenna Structure Registration No.
13	37-44-34.1 N	083-32-43.4 W	360.0	86.6	1043799

Address: 1726 KY 746 (76340)

City: CAMPTON County: WOLFE 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)	105.200	129.700	112.600	121.800	158.600	129.600	97.300	142.500
Transmitting ERP (watts)	113.535	44.045	5.001	1.193	0.243	0.337	5.446	43.123

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)	105.200	129.700	112.600	121.800	158.600	129.600	97.300	142.500
Transmitting ERP (watts)	0.641	12.645	67.380	97.109	22.543	2.584	0.854	0.294

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)	105.200	129.700	112.600	121.800	158.600	129.600	97.300	142.500
Transmitting ERP (watts)	0.787	0.112	0.226	1.022	13.467	50.517	39.258	5.570

Location	Latitude	Longitude	Ground Elevation (meters)	Structure Hgt to Tip (meters)	Antenna Structure Registration No.
14	37-45-19.1 N	083-20-19.6 W	362.7	93.9	1058724

Address: 929 LEE CITY ROAD (76347)

City: LEE CITY County: WOLFE 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)	160.500	126.900	136.400	100.600	123.400	127.200	118.400	134.900
Transmitting ERP (watts)	105.412	44.973	4.744	1.221	0.238	0.320	5.172	42.213

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)	160.500	126.900	136.400	100.600	123.400	127.200	118.400	134.900
Transmitting ERP (watts)	0.595	12.504	63.904	97.920	22.073	2.452	0.810	0.293

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)	160.500	126.900	136.400	100.600	123.400	127.200	118.400	134.900
Transmitting ERP (watts)	1.345	0.215	0.399	1.899	24.230	89.305	69.406	10.402

Licensee Name: NEW CINGULAR WIRELESS PCS, LLC

Call Sign: KNKN841

File Number:

Print Date:

Location	Latitude	Longitude	Ground Elevation (meters)	Structure Hgt to Tip (meters)	Antenna Structure Registration No.
15	37-11-21.8 N	083-10-57.4 W	577.6	156.1	1204858

Address: 2620 FOURSEAM BUFFALO ROAD (76349)

City: Hazard County: PERRY 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)	361.100	304.700	308.200	300.700	255.900	299.100	341.500	375.800
Transmitting ERP (watts)	120.607	50.344	5.408	1.326	0.280	0.356	5.726	47.544

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)	361.100	304.700	308.200	300.700	255.900	299.100	341.500	375.800
Transmitting ERP (watts)	1.079	22.080	114.046	169.090	41.240	4.315	1.412	0.525

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)	361.100	304.700	308.200	300.700	255.900	299.100	341.500	375.800
Transmitting ERP (watts)	1.561	0.241	0.451	2.076	27.836	99.507	76.454	11.774

Location	Latitude	Longitude	Ground Elevation (meters)	Structure Hgt to Tip (meters)	Antenna Structure Registration No.
16	37-12-40.4 N	082-36-36.9 W	716.0	128.0	1222747

Address: 699 LINRAN DRIVE (76350)

City: JENKINS County: LETCHER 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)	449.600	258.900	252.200	271.800	242.200	295.700	300.600	326.500
Transmitting ERP (watts)	0.562	0.658	0.841	0.365	0.110	0.096	0.097	0.214

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)	449.600	258.900	252.200	271.800	242.200	295.700	300.600	326.500
Transmitting ERP (watts)	0.390	0.116	0.125	0.832	9.565	30.462	19.683	2.648

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)	449.600	258.900	252.200	271.800	242.200	295.700	300.600	326.500
Transmitting ERP (watts)	48.868	7.353	1.008	0.183	0.318	2.103	23.291	76.831

Licensee Name: NEW CINGULAR WIRELESS PCS, LLC

Call Sign: KNKN841

File Number:

Print Date:

Location	Latitude	Longitude	Ground Elevation (meters)	Structure Hgt to Tip (meters)	Antenna Structure Registration No.
17	37-25-28.5 N	082-56-07.1 W	514.8	93.0	1246019

Address: 6068 EAST HIGHWAY 80 (80850)

City: Hindman County: KNOTT 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)	232.300	300.300	246.700	186.200	173.800	220.100	214.400	203.300
Transmitting ERP (watts)	93.499	72.680	16.930	6.754	0.249	1.848	15.549	67.492

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)	232.300	300.300	246.700	186.200	173.800	220.100	214.400	203.300
Transmitting ERP (watts)	2.853	28.250	86.426	109.267	48.855	9.880	5.119	1.857

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)	232.300	300.300	246.700	186.200	173.800	220.100	214.400	203.300
Transmitting ERP (watts)	6.962	1.659	2.458	7.317	48.522	94.690	98.650	28.609

Location	Latitude	Longitude	Ground Elevation (meters)	Structure Hgt to Tip (meters)	Antenna Structure Registration No.
18	37-24-06.7 N	083-54-56.1 W	400.2	93.0	1252879

Address: 664 STATE ROAD 1071 (86076)

City: MCKEE County: JACKSON 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)	182.900	174.200	158.700	146.400	115.600	116.900	95.600	99.100
Transmitting ERP (watts)	59.149	48.638	10.534	4.195	0.155	1.251	10.442	44.296

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)	182.900	174.200	158.700	146.400	115.600	116.900	95.600	99.100
Transmitting ERP (watts)	2.874	30.589	89.034	109.683	50.425	10.217	5.307	1.868

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)	182.900	174.200	158.700	146.400	115.600	116.900	95.600	99.100
Transmitting ERP (watts)	4.331	3.245	3.900	5.785	17.854	17.299	21.960	12.442

Licensee Name: NEW CINGULAR WIRELESS PCS, LLC

Call Sign: KNKN841

File Number:

Print Date:

Location	Latitude	Longitude	Ground Elevation (meters)	Structure Hgt to Tip (meters)	Antenna Structure Registration No.
19	37-39-54.7 N	083-57-20.9 W	415.1	62.2	1272311

Address: 698 Little Doe Creek Road (109702)

City: Estill County: ESTILL 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)	189.600	137.300	216.800	140.600	175.000	209.200	242.000	246.700
Transmitting ERP (watts)	147.672	98.700	12.008	4.052	0.328	0.354	9.692	72.782

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)	189.600	137.300	216.800	140.600	175.000	209.200	242.000	246.700
Transmitting ERP (watts)	0.502	21.583	90.846	147.900	51.365	5.484	1.333	0.318

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)	189.600	137.300	216.800	140.600	175.000	209.200	242.000	246.700
Transmitting ERP (watts)	8.223	1.146	0.387	4.798	55.608	132.151	134.692	33.348

Location	Latitude	Longitude	Ground Elevation (meters)	Structure Hgt to Tip (meters)	Antenna Structure Registration No.
20	37-54-33.3 N	083-55-30.3 W	431.9	78.6	1245218

Address: 2271B BLACK CREEK ROAD (76353)

City: CLAY County: POWELL 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)	225.200	233.700	158.700	270.200	295.200	285.300	261.400	231.600
Transmitting ERP (watts)	0.138	2.791	14.890	20.205	4.916	0.538	0.179	0.103

Location	Latitude	Longitude	Ground Elevation (meters)	Structure Hgt to Tip (meters)	Antenna Structure Registration No.
21	37-14-49.4 N	083-19-33.9 W	432.8	93.6	1272180

Address: Dogwood Ln (106520)

City: Busy County: PERRY 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)	172.100	163.400	158.200	101.100	131.500	140.000	142.300	199.400
Transmitting ERP (watts)	155.239	65.080	4.886	0.516	0.312	0.310	9.765	73.998

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)	172.100	163.400	158.200	101.100	131.500	140.000	142.300	199.400
Transmitting ERP (watts)	1.558	22.222	110.717	145.006	30.764	1.939	0.302	0.269

Licensee Name: NEW CINGULAR WIRELESS PCS, LLC

Call Sign: KNKN841

File Number:

Print Date:

Location	Latitude	Longitude	Ground Elevation (meters)	Structure Hgt to Tip (meters)	Antenna Structure Registration No.
21	37-14-49.4 N	083-19-33.9 W	432.8	93.6	1272180

Address: Dogwood Ln (106520)

City: Busy County: PERRY 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)	172.100	163.400	158.200	101.100	131.500	140.000	142.300	199.400
Transmitting ERP (watts)	1.049	0.313	0.291	4.476	43.772	139.964	106.333	12.797

Location	Latitude	Longitude	Ground Elevation (meters)	Structure Hgt to Tip (meters)	Antenna Structure Registration No.
22	37-10-34.0 N	082-53-47.0 W	576.1	123.4	1252950

Address: 1125 ARTHURS LOOP(85581)

City: Isom County: LETCHER 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)	235.200	224.500	218.400	188.600	210.000	292.300	197.500	250.000
Transmitting ERP (watts)	197.029	81.390	8.984	2.219	0.445	0.571	9.626	76.319

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)	235.200	224.500	218.400	188.600	210.000	292.300	197.500	250.000
Transmitting ERP (watts)	0.557	11.226	58.900	88.634	20.717	2.200	0.784	0.268

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)	235.200	224.500	218.400	188.600	210.000	292.300	197.500	250.000
Transmitting ERP (watts)	2.584	0.390	0.738	3.418	44.259	159.691	132.673	19.036

Control Points:

Control Pt. No. 1

Address: 1650 Lyndon Farms Court

City: LOUISVILLE County: State: KY Telephone Number: (502)329-4700

Waivers/Conditions:

WE MAKE NO FINDING IN THESE CASES CONCERNING THE ISSUES RAISED IN FOOTNOTE 3 OF LA STAR CELLULAR TELEPHONE COMPANY, 7 FCC Rcd 3762 (1992). THEREFORE, THESE GRANTS OF TRANSFERS/ASSIGNMENTS ARE CONDITIONED ON ANY SUBSEQUENT ACTION THE COMMISSION MAY TAKE C

Licensee Name: NEW CINGULAR WIRELESS PCS, LLC

Call Sign: KNKN841

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).

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**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 1016
DALLAS, TX 75202

Call Sign KNLF251	File Number
Radio Service CW - PCS Broadband	

FCC Registration Number (FRN): 0003291192

Grant Date 06-02-2015	Effective Date 12-07-2020	Expiration Date 06-23-2025	Print Date
Market Number MTA026	Channel Block A	Sub-Market Designator 15	
Market Name Louisville-Lexington-Evansvill			
1st Build-out Date 06-23-2000	2nd Build-out Date 06-23-2005	3rd Build-out Date	4th Build-out Date

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: KNLF251

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 # 0001918512.

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: KNLF251

File Number:

Print Date:

700 MHz Relicensed Area Information:

Market	Market Name	Buildout Deadline	Buildout Notification	Status
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**Federal Communications Commission
Wireless Telecommunications Bureau**

RADIO STATION AUTHORIZATION

LICENSEE: NEW CINGULAR WIRELESS PCS, LLC

ATTN: LESLIE WILSON
NEW CINGULAR WIRELESS PCS, LLC
208 S AKARD ST., RM 1016
DALLAS, TX 75202

Call Sign KNLF288	File Number
Radio Service CW - PCS Broadband	

FCC Registration Number (FRN): 0003291192

Grant Date 06-02-2015	Effective Date 08-31-2018	Expiration Date 06-23-2025	Print Date
Market Number MTA044	Channel Block B	Sub-Market Designator 0	
Market Name Knoxville			
1st Build-out Date 06-23-2000	2nd Build-out Date 06-23-2005	3rd Build-out Date	4th Build-out Date

Waivers/Conditions:

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).

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: KNLF288

File Number:

Print Date:

700 MHz Relicensed Area Information:

Market	Market Name	Buildout Deadline	Buildout Notification	Status
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**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 KNLH550	File Number
Radio Service CW - PCS Broadband	

FCC Registration Number (FRN): 0003291192

Grant Date 04-11-2017	Effective Date 08-31-2018	Expiration Date 04-28-2027	Print Date
Market Number BTA229	Channel Block E	Sub-Market Designator 0	
Market Name Kingsport-Johnston City, TN-Br			
1st Build-out Date 04-28-2002	2nd Build-out Date	3rd Build-out Date	4th Build-out Date

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: KNLH550

File Number:

Print Date:

700 MHz Relicensed Area Information:

Market	Market Name	Buildout Deadline	Buildout Notification	Status
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Proprietary
Confidential

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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

Table with Call Sign (KNLH575), File Number, and Radio Service (CW - PCS Broadband).

FCC Registration Number (FRN): 0003291192

Table with columns: Grant Date, Effective Date, Expiration Date, Print Date, Market Number, Channel Block, Sub-Market Designator, Market Name, 1st Build-out Date, 2nd Build-out Date, 3rd Build-out Date, 4th Build-out Date.

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: KNLH575

File Number:

Print Date:

700 MHz Relicensed Area Information:

Market	Market Name	Buildout Deadline	Buildout Notification	Status
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Patent Pending

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**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 WPOI255	File Number
Radio Service CW - PCS Broadband	

FCC Registration Number (FRN): 0003291192

Grant Date 05-27-2015	Effective Date 03-12-2020	Expiration Date 06-23-2025	Print Date
Market Number MTA026	Channel Block A	Sub-Market Designator 19	
Market Name Louisville-Lexington-Evansvill			
1st Build-out Date 06-23-2000	2nd Build-out Date 06-23-2005	3rd Build-out Date	4th Build-out Date

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
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700 MHz Relicensed Area Information

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**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 WQCL692	File Number 0008647954
Radio Service CW - PCS Broadband	

FCC Registration Number (FRN): 0003291192

Grant Date 07-15-2019	Effective Date 07-15-2019	Expiration Date 06-30-2029	Print Date 07-16-2019
Market Number BTA229	Channel Block C	Sub-Market Designator 4	
Market Name Kingsport-Johnston City, TN-Br			
1st Build-out Date 06-30-2004	2nd Build-out Date	3rd Build-out Date	4th Build-out Date

Waivers/Conditions:

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

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

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

Licensee Name: NEW CINGULAR WIRELESS PCS, LLC

Call Sign: WQCL692

File Number: 0008647954

Print Date: 07-16-2019

700 MHz Relicensed Area Information:

Market	Market Name	Buildout Deadline	Buildout Notification	Status
---------------	--------------------	--------------------------	------------------------------	---------------

Proprietary
Copyright

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**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 WQGA823	File Number
Radio Service AW - AWS (1710-1755 MHz and 2110-2155 MHz)	

FCC Registration Number (FRN): 0003291192

Grant Date 11-29-2006	Effective Date 02-16-2019	Expiration Date 11-29-2021	Print Date
Market Number CMA452	Channel Block A	Sub-Market Designator 0	
Market Name Kentucky 10 - Powell			
1st Build-out Date	2nd Build-out Date	3rd Build-out Date	4th Build-out Date

Waivers/Conditions:

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

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

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

Licensee Name: NEW CINGULAR WIRELESS PCS, LLC

Call Sign: WQGA823

File Number:

Print Date:

700 MHz Relicensed Area Information:

Market	Market Name	Buildout Deadline	Buildout Notification	Status
---------------	--------------------	--------------------------	------------------------------	---------------

Patent Pending

REFERENCE COPY

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**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 WQGA852	File Number
Radio Service AW - AWS (1710-1755 MHz and 2110-2155 MHz)	

FCC Registration Number (FRN): 0003291192

Grant Date 11-29-2006	Effective Date 08-31-2018	Expiration Date 11-29-2021	Print Date
Market Number CMA681	Channel Block A	Sub-Market Designator 0	
Market Name Virginia 1 - Lee			
1st Build-out Date	2nd Build-out Date	3rd Build-out Date	4th Build-out Date

Waivers/Conditions:

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

Conditions:

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

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

Licensee Name: NEW CINGULAR WIRELESS PCS, LLC

Call Sign: WQGA852

File Number:

Print Date:

700 MHz Relicensed Area Information:

Market	Market Name	Buildout Deadline	Buildout Notification	Status
---------------	--------------------	--------------------------	------------------------------	---------------

Not to be used for copyright

REFERENCE COPY

This is not an official FCC license. It is a record of public information contained in the FCC's licensing database on the date that this reference copy was generated. In cases where FCC rules require the presentation, posting, or display of an FCC license, this document may not be used in place of an official FCC license.



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

FCC Registration Number (FRN): 0003291192

Grant Date 12-18-2006	Effective Date 08-31-2018	Expiration Date 12-18-2021	Print Date
Market Number BEA047	Channel Block C	Sub-Market Designator 9	
Market Name Lexington, KY-TN-VA-WV			
1st Build-out Date	2nd Build-out Date	3rd Build-out Date	4th Build-out Date

Waivers/Conditions:

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

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

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

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

Licensee Name: NEW CINGULAR WIRELESS PCS, LLC

Call Sign: WQGD755

File Number:

Print Date:

700 MHz Relicensed Area Information:

Market	Market Name	Buildout Deadline	Buildout Notification	Status
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Copyright © 2017

EXHIBIT B

SITE DEVELOPMENT PLAN:

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



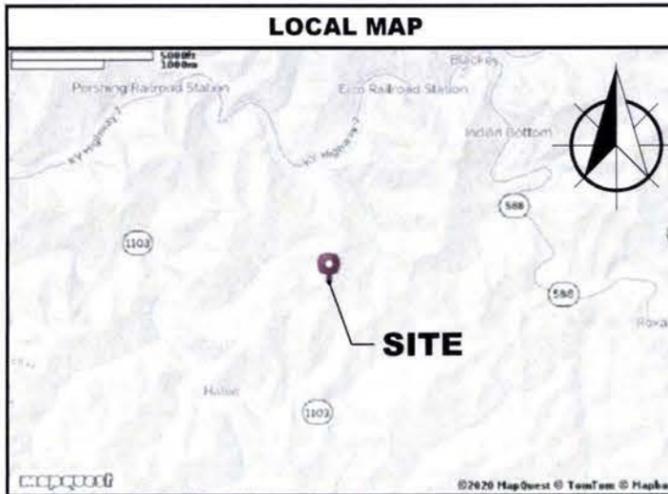
CONTRACTOR NOTES:
 IF INADVERTENT DISCOVERIES OF NATIVE AMERICAN CULTURAL MATERIALS OR HUMAN REMAINS ARE MADE DURING CONSTRUCTION, ALL WORK SHOULD CEASE AND POTENTIALLY AFFECTED TRIBES, AS WELL AS THE STATE HISTORIC PRESERVATION OFFICE SHOULD BE NOTIFIED IMMEDIATELY.

DIRECTIONS

FROM AT&T MTSO: 3800 CORPORATE DRIVE, WINCHESTER, KY 40391
 GET ON I-64 E FROM FORTUNE DR AND PARIS RD 1.8 MI, HEAD SOUTHEAST TOWARD CORPORATE DR 243 FT, TURN LEFT TOWARD CORPORATE DR 190 FT, TURN LEFT ONTO CORPORATE DR 0.2 MI, TURN RIGHT ONTO FORTUNE DR 0.5 MI, CONTINUE ONTO ROLLING HILLS LN 167 FT, TURN RIGHT ONTO PARIS RD 0.6 MI, TURN LEFT ONTO THE RAMP TO ASHLAND 0.3 MI, FOLLOW BERT T COMBS MOUNTAIN PKWY E TO KY-15 S IN HAZARD 91.5 MI, MERGE ONTO I-64 E 1.0 MI, USE THE RIGHT 2 LANES TO TAKE EXIT 98 FOR BERT T COMBS MOUNTAIN PARKWAY TOWARD CAMPTON 0.3 MI, CONTINUE ONTO BERT T COMBS MOUNTAIN PKWY E 42.2 MI, TAKE EXIT 43 TOWARD KY-15/CAMPTON/HAZARD 0.3 MI, CONTINUE ONTO MOUNTAIN PARKWAY SPUR 0.9 MI, CONTINUE ONTO KY-15 S 17.2 MI, TURN LEFT ONTO KY-15 S/KY-30 E 27.5 MI, CONTINUE ONTO KY-15 S 2.1 MI, CONTINUE ON KY-15 S, TAKE KY-7 N, STATE HWY 1103 AND STATE HWY 588 TO OLD DIXON SCHOOL RD IN LETCHER COUNTY 39.4 MI, CONTINUE STRAIGHT TO STAY ON KY-15 S 0.3 MI, TURN RIGHT ONTO KY-15 S/JOHNNY COX ALL-AMERICAN DR 2.1 MI, SLIGHT RIGHT ONTO KY-15 S 5.1 MI, SLIGHT RIGHT ONTO THE KY-7 N RAMP TO VIPER/LEATHERWOOD/LEATHERWOOD/BLACKKEY MEDICAL CLINIC 0.2 MI, TURN RIGHT ONTO KY-7 N 13.4 MI, TURN RIGHT ONTO STATE HWY 1103 8.0 MI, TURN RIGHT ONTO DIRT ROAD, CONTINUE DOWN DIRT ROAD FOR 1.4 MI, DESTINATION WILL BE ON THE RIGHT.

FROM COUNTY SEAT: 156 MAIN ST #102, WHITESBURG, KY 41858
 TAKE KY-15 N, KY-160 S, SE RD, STATE HWY 1103 AND KY-7 N TO OLD DIXON SCHOOL RD 27.6 MI, HEAD NORTHWEST ON MAIN ST TOWARD WEBB ST 79 FT, MAIN ST TURNS RIGHT AND BECOMES N WEBB AVE 335 FT, TURN LEFT ONTO CHURCH ST 262 FT, CONTINUE ONTO KY-15 BUS N/HAZARD RD CONTINUE TO FOLLOW KY-15 BUS N 0.9 MI, CONTINUE ONTO KY-15 N/STATE HWY 931 CONTINUE TO FOLLOW KY-15 N 3.9 MI, TURN LEFT ONTO KY-160 S 6.5 MI, TURN RIGHT ONTO STATE HWY 588 1.0 MI, TURN LEFT ONTO SE RD/BIG BR-TOLSON CR RD CONTINUE TO FOLLOW SE RD 3.3 MI, TURN RIGHT ONTO STATE HWY 1103 8.0 MI, TURN RIGHT ONTO DIRT ROAD 2.6 MI, CONTINUE DOWN DIRT ROAD FOR 1.4 MI, DESTINATION WILL BE ON THE RIGHT.

DRAFTER NAME: CONNOR SHEEHAN PHONE: (919) 674-5879



SCOPE OF WORK:

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

SITE WORK: NEW TOWER,
 UNMANNED WALK IN CABINET ON A 10'-0"X17'-0" PLATFORM,
 GENERATOR ON A 10'-0"X17'-0" PLATFORM, AND UTILITY INSTALLATIONS.

CONTACT INFORMATION

FIRE DEPARTMENT:	CORNETTSVILLE FIRE DEPARTMENT PHONE: (606) 476-2636
POLICE DEPARTMENT:	WHITESBURG POLICE DEPARTMENT PHONE: (606) 633-3714

SITE SUMMARY

SCOPE TYPE:	RAW-LAND
OCCUPANCY TYPE:	TELECOMMUNICATIONS
STRUCTURE HEIGHT:	305'
OVERALL HEIGHT:	320'
STRUCTURE TYPE:	SELF-SUPPORT TOWER
LATITUDE:	37° 06' 50.078671" N (37.113911)
LONGITUDE:	-83° 00' 03.542361" W (-83.000984)
PROPOSED LEASE AREA:	10,000 SQFT
JURISDICTION:	LETCHER COUNTY
COUNTY:	LETCHER
POWER COMPANY:	BLUE GRASS ENERGY
TELCO COMPANY:	AT&T

PROJECT DIRECTORY

APPLICANT:	NEW CINGULAR WIRELESS PCS, LLC A DELAWARE LIMITED LIABILITY COMPANY, D/B/A AT&T MOBILITY 462 S. 4TH STREET, SUITE 2400 LOUISVILLE, KY 40202
PROJECT MANAGER:	MASTEC NETWORK SOLUTIONS 1975 JOE B JACKSON PARKWAY MURFREESBORO, TN 371127 CODY KNOX PHONE: (318) 355-6599
SITE DESIGN:	MASTEC ENGINEERING, PLLC 507 AIRPORT BLVD, SUITE 111 MORRISVILLE, NC 27560 CONTACT: RAPHAEL MOHAMED PHONE: (919) 674-5895

NSB - RAWLAND ZONING DRAWINGS



FA #: **13800689** SITE ID: **HALLIE**

SITE NAME:
HALLIE

SITE ADDRESS:
**KENTUCKY HIGHWAY 1103
HALLIE, KY 41821
(LETCHER COUNTY)**

GENERAL NOTES

 THE FACILITY IS UNMANNED AND NOT FOR HUMAN HABITATION. THEREFORE HANDICAP ACCESS IS NOT REQUIRED. A TECHNICIAN WILL VISIT THE SITE AS REQUIRED FOR ROUTINE MAINTENANCE. THE PROJECT WILL NOT RESULT IN ANY SIGNIFICANT DISTURBANCE OR EFFECT ON DRAINAGE; NO SANITARY SEWER SERVICE, POTABLE WATER, OR TRASH DISPOSAL IS REQUIRED AND NO COMMERCIAL SIGNAGE IS PROPOSED. NO WORK SHALL COMMENCE WITHOUT THE APPROVED TOWER/ANTENNA MOUNT STRUCTURAL ANALYSIS REPORT SIGNED AND SEALED BY A LICENSED PROFESSIONAL ENGINEER UNDER SEPARATE COVER.

CODE COMPLIANCE

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

- 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
- 2018 KBC
- 2017 NEC

SHEET INDEX

SHEET	DESCRIPTION	REV.	REV. DATE
T-1	TITLE SHEET	0	12/30/2020
	SITE SURVEY		
M-1	500' RADIUS AND ABUTTERS MAP	0	12/30/2020
C-1	OVERALL SITE LAYOUT	0	12/30/2020
C-2	COMPOUND LAYOUT	0	12/30/2020
C-3	TOWER ELEVATION	0	12/30/2020



RAPHAEL MOHAMED, P.E.
 KENTUCKY LIC. NO. 24429

Raphael Mohamed

Digital signed by Raphael Mohamed
 DN: cn=Raphael Mohamed, o=Master, c=US
 cn=Raphael Mohamed, ou=Users
 cn=MasTec Network Solutions, OU=Service
 Lines, DC=mas, DC=local
 Date: 2020.12.30 15:51:00-0500

SUBMITTALS

DATE	DESCRIPTION	REV	ISSUED BY
12/30/2020	CONSTRUCTION	0	RM

DRAWN BY: CTS
 CHECKED BY: CZB
 APPVD BY: RM
 MNS PROJECT NO: 21358

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PREPARED FOR:



PREPARED BY:



507 AIRPORT BLVD, SUITE 111
 MORRISVILLE, NC 27560

SITE ID:
HALLIE

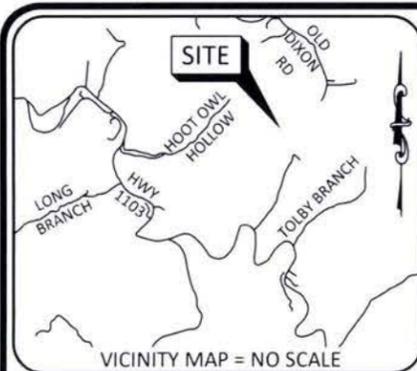
SITE NAME:
HALLIE

SITE ADDRESS:
**KENTUCKY HIGHWAY 1103
HALLIE, KY 41821**

FA LOCATION:
13800689

SHEET TITLE
TITLE SHEET

SHEET NUMBER
T-1



FAA COORDINATE POINT
 NAD 83
 LATITUDE: 37°06'50.078671"
 LONGITUDE: -83°00'03.542361"
 NAVD 88
 ELEVATION: 1,807 ± AMSL
 NORTHING: 3,576,865.449
 EASTING: 5,722,731.0660

TEMPORARY BENCHMARK
 NORTHING: 3,576,786.621
 EASTING: 5,722,695.256
 ELEVATION: 1,805.95'
 LOCATION: A SET 1/2" REBAR
 WITH A RED CAP STAMPED "POD
 TRAV" BEING S26°13'E 32.13±
 FROM THE SOUTHWEST CORNER
 OF THE PROPOSED LEASE AREA.

GRID NORTH
 TRUE NORTH
 -1° 41' 16"
 BASED ON KENTUCKY STATE
 PLANE SINGLE ZONE AND
 DETERMINED BY GPS OBSERVATIONS
 COMPLETED ON JUNE 23, 2020

GLOBAL POSITIONING SYSTEMS NOTE

1. THE BOUNDARY CORNERS AND A PORTION OF THE TOPOGRAPHY WAS LOCATED USING GPS.
2. THE TYPE OF GPS UTILIZED WAS NETWORK ADJUSTED REAL TIME KINEMATIC (KDOT VRS NETWORK), NAD 83 KENTUCKY SINGLE ZONE WITH THE ORTHOMETRIC HEIGHT COMPUTED USING GEOID12A. RELATIVE POSITIONAL ACCURACY VARIED FROM 0.04' TO 0.08' HORIZONTALLY.
3. SPECTRA PRECISION EPOCH 50 DUAL FREQUENCY RECEIVERS WERE USED TO PERFORM THE SURVEY.

GENERAL NOTES

NO SEARCH OF PUBLIC RECORDS HAS BEEN COMPLETED BY POD GROUP TO DETERMINE ANY DEFECTS AND/OR AMBIGUITIES IN THE TITLE OF THE SUBJECT PROPERTY.

THIS SURVEY IS FOR THE PROPOSED LEASE AREA, THE PROPOSED ACCESS & UTILITY EASEMENT "A" AND THE PROPOSED ACCESS EASEMENT "B" ONLY, AND ONLY A PARTIAL BOUNDARY SURVEY OF THE PARENT TRACT HAS BEEN PERFORMED.

A PORTION OF THIS SURVEY WAS CONDUCTED BY METHOD OF RANDOM TRAVERSE WITH SIDE SHOTS. UNADJUSTED CLOSURE EQUALS 0.07', FOR A PRECISION OF 1:50,616 AND HAS NOT BEEN ADJUSTED.

THIS PROPERTY IS SUBJECT TO ANY RECORDED EASEMENTS AND/OR RIGHTS OF WAY SHOWN HEREON OR NOT.

THIS PLAT IS NOT INTENDED FOR LAND TRANSFER.

A PORTION OF THE PARENT PARCELS (MAP # 063-90-00-013.00 & 063-00-00-030.03) AND ACCESS EASEMENT "B", SHOWN HEREON ARE LOCATED IN A 100-YEAR FLOOD PLAIN (ZONE A WITHOUT BASE FLOOD ELEVATION) PER FLOOD HAZARD BOUNDARY MAP, COMMUNITY-PANEL NUMBER 21133C0200C DATED MARCH 18, 2008 & 21133C0225D, DATED MARCH 16, 2015. THE PROPOSED LEASE AREA AND THE PROPOSED ACCESS & UTILITY EASEMENT "A", SHOWN HEREON ARE NOT LOCATED IN A 100-YEAR FLOOD PLAIN (ZONE X) PER FLOOD HAZARD BOUNDARY MAP, COMMUNITY-PANEL NUMBER 21133C0200C DATED MARCH 18, 2008 & 21133C0225D, DATED MARCH 16, 2015.

BOUNDARY LINES SHOWN HEREON ARE BASED ON GIS DATA RETRIEVED FROM THE LETCHER COUNTY PVA AND ARE SUBJECT TO INACCURACIES A SUBSEQUENT BOUNDARY SURVEY MAY DISCLOSE.

LEGEND

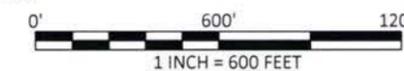
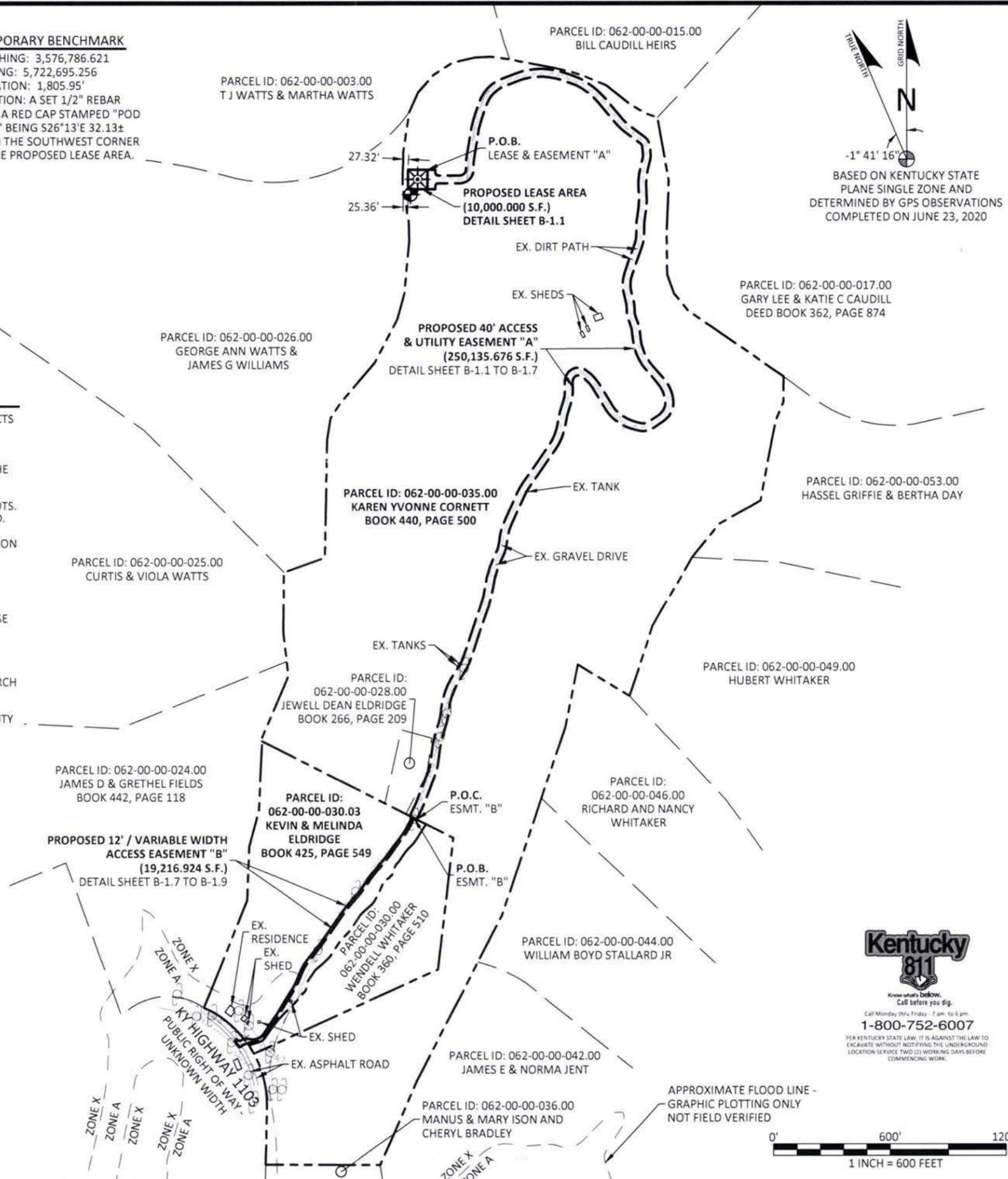
- UTILITY POLE
- STATE PLANE COORDINATE
- EX. OVERHEAD ELECTRIC & TELEPHONE
- EX. OVERHEAD ELECTRIC
- EX. OVERHEAD TELEPHONE
- PROPERTY LINE
- ADJACENT PROPERTY LINE
- P.O.C. POINT OF COMMENCEMENT
- P.O.B. POINT OF BEGINNING

LAND SURVEYOR'S CERTIFICATE

I, MARK E. PATTERSON, HEREBY CERTIFY THAT I AM A LICENSED PROFESSIONAL LAND SURVEYOR LICENSED IN COMPLIANCE WITH THE LAWS OF THE COMMONWEALTH OF KENTUCKY. I FURTHER CERTIFY THAT THIS PLAT AND THE SURVEY ON THE GROUND WERE PERFORMED BY PERSONS UNDER MY DIRECT SUPERVISION, AND THAT THE DIRECTIONAL AND LINEAR MEASUREMENTS BEING WITNESSED BY MONUMENTS SHOWN HEREON ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE. THE "RURAL" SURVEY, AND THE PLAT ON WHICH IT IS BASED, MEETS ALL SPECIFICATIONS AS STATED IN KAR 201 18:150.



Mark Patterson
 MARK PATTERSON, PLS #3136
 11/24/2020
 DATE



PREPARED BY:
POD
 POWER OF DESIGN
 11490 BLUEGRASS PARKWAY
 LOUISVILLE, KY 40299
 502-437-5252

PREPARED FOR:
MasTec

PREPARED FOR:
at&t

REVISIONS

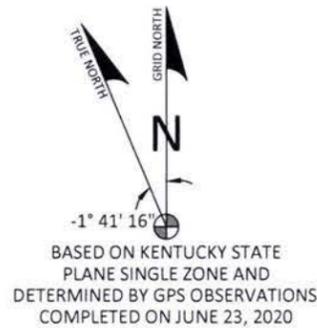
REV.	DATE	DESCRIPTION
A	7.15.20	PRELIM ISSUE WITH TITLE
B	9.23.20	TITLE LINES / ESMT "B"
C	10.23.20	REVISED EASEMENT "B"
D	11.17.20	REVISED EASEMENT "B"
O	11.24.20	ISSUED AS FINAL

SITE INFORMATION:
HALLIE
 KENTUCKY HIGHWAY 1103
 HALLIE, KY 41821
 LETCHER COUNTY
TAX PARCEL NUMBER:
 062-00-00-035.00
 (LEASE AREA & EASEMENT "A")
 062-00-00-030.03
 (EASEMENT "B")
PROPERTY OWNER:
 KAREN YVONNE CORNETT
 225 HOOT OWL HOLLOW
 HALLIE, KY 41821
 (LEASE AREA & EASEMENT "A")
 KEVIN & MELINDA ELDRIDGE
 5341 HWY 1103
 HALLIE, KY 41821
 (EASEMENT "B")
SOURCE OF TITLES:
 SEE FACE OF PLAT

SITE NUMBER:
 KYL06069
POD NUMBER: 20-59854
DRAWN BY: JRS/DAP
CHECKED BY: MEP
SURVEY DATE: 6.23.20
PLAT DATE: 7.15.20

SHEET TITLE:
SITE SURVEY
 THIS DOES NOT REPRESENT A
 BOUNDARY SURVEY OF THE
 PARENT PARCEL
SHEET NUMBER: (12 pages)
B-1

Kentucky 811
 Know what's below.
 Call before you dig.
 Call Monday thru Friday - 7 am to 6 pm
1-800-752-6007
PER KENTUCKY STATE LAW, IT IS AGAINST THE LAW TO EXCAVATE WITHOUT NOTIFYING THE UNDERGROUND LOCATION SERVICE TWO (2) WORKING DAYS BEFORE COMMENCING WORK.



FAA COORDINATE POINT
 NAD 83
 LATITUDE: 37°06'50.078671"
 LONGITUDE: -83°00'03.542361"
 NAVD 88
 ELEVATION: 1,807'± AMSL
 NORTHING: 3,576,865.449
 EASTING: 5,722,731.0660

TEMPORARY BENCHMARK
 NORTHING: 3,576,786.621
 EASTING: 5,722,695.256
 ELEVATION: 1,805.95'
 LOCATION: A SET 1/2" REBAR WITH A RED CAP STAMPED "POD TRAV" BEING 526°13'E 32.13± FROM THE SOUTHWEST CORNER OF THE PROPOSED LEASE AREA.

GLOBAL POSITIONING SYSTEMS NOTE

1. THE BOUNDARY CORNERS AND A PORTION OF THE TOPOGRAPHY WAS LOCATED USING GPS.
2. THE TYPE OF GPS UTILIZED WAS NETWORK ADJUSTED REAL TIME KINEMATIC (KDOT VRS NETWORK), NAD 83 KENTUCKY SINGLE ZONE WITH THE ORTHOMETRIC HEIGHT COMPUTED USING GEOID12A. RELATIVE POSITIONAL ACCURACY VARIED FROM 0.04' TO 0.08' HORIZONTALLY.
3. SPECTRA PRECISION EPOCH 50 DUAL FREQUENCY RECEIVERS WERE USED TO PERFORM THE SURVEY.

GENERAL NOTES

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A PORTION OF THIS SURVEY WAS CONDUCTED BY METHOD OF RANDOM TRAVERSE WITH SIDE SHOTS. UNADJUSTED CLOSURE EQUALS 0.07', FOR A PRECISION OF 1:50,616 AND HAS NOT BEEN ADJUSTED.

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BOUNDARY LINES SHOWN HEREON ARE BASED ON GIS DATA RETRIEVED FROM THE LETCHER COUNTY PVA AND ARE SUBJECT TO INACCURACIES A SUBSEQUENT BOUNDARY SURVEY MAY DISCLOSE.

LEGEND

- | | | | |
|-------------------|---|-----|------------------------|
| P.O.B. | POINT OF BEGINNING | SPC | STATE PLANE COORDINATE |
| — x — x — x — x — | EX. FENCE LINE | | |
| — ○ — | SET 1/2" REBAR 18" LONG CAPPED "PATTERSON PLS 3136" | | |
| — — — — — | PROPERTY LINE | | |
| — - - - - | ADJACENT PROPERTY LINE | | |

LAND SURVEYOR'S CERTIFICATE

I, MARK E. PATTERSON, HEREBY CERTIFY THAT I AM A LICENSED PROFESSIONAL LAND SURVEYOR LICENSED IN COMPLIANCE WITH THE LAWS OF THE COMMONWEALTH OF KENTUCKY. I FURTHER CERTIFY THAT THIS PLAT AND THE SURVEY ON THE GROUND WERE PERFORMED BY PERSONS UNDER MY DIRECT SUPERVISION, AND THAT THE DIRECTIONAL AND LINEAR MEASUREMENTS BEING WITNESSED BY MONUMENTS SHOWN HEREON ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE. THE "RURAL" SURVEY, AND THE PLAT ON WHICH IT IS BASED, MEETS ALL SPECIFICATIONS AS STATED IN KAR 201 18:150.

Mark Patterson
 MARK PATTERSON, PLS #3136

11/24/2020
 DATE



PARCEL ID: 062-00-00-003.00
 T J WATTS & MARTHA WATTS

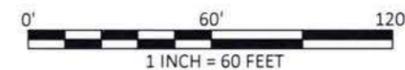
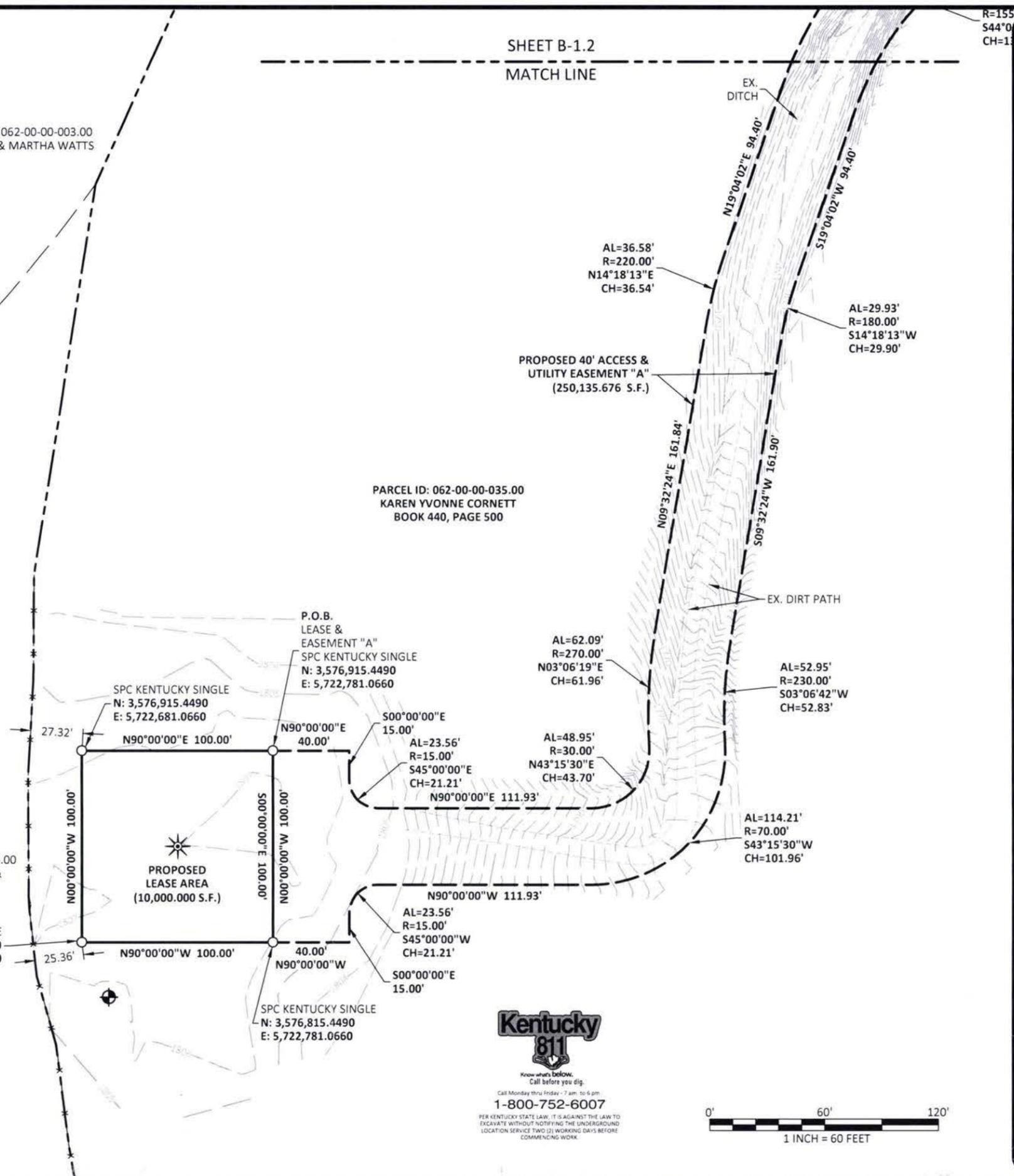
PARCEL ID: 062-00-00-026.00
 GEORGE ANN WATTS & JAMES G WILLIAMS

SPC KENTUCKY SINGLE
 N: 3,576,815.4490
 E: 5,722,681.0660

SPC KENTUCKY SINGLE
 N: 3,576,815.4490
 E: 5,722,781.0660

PARCEL ID: 062-00-00-035.00
 KAREN YVONNE CORNETT
 BOOK 440, PAGE 500

SHEET B-1.2
 MATCH LINE



PREPARED BY:

 11490 BLUEGRASS PARKWAY
 LOUISVILLE, KY 40299
 502-437-5252

PREPARED FOR:

PREPARED FOR:

REVISIONS

REV.	DATE	DESCRIPTION
A	7.15.20	PRELIM ISSUE WITH TITLE
B	9.23.20	TITLE LINES / ESMT "B"
C	10.23.20	REVISED EASEMENT "B"
D	11.17.20	REVISED EASEMENT "B"
O	11.24.20	ISSUED AS FINAL

SITE INFORMATION:
HALLIE
 KENTUCKY HIGHWAY 1103
 HALLIE, KY 41821
 LETCHER COUNTY
TAX PARCEL NUMBER:
 062-00-00-035.00
 (LEASE AREA & EASEMENT "A")
 062-00-00-030.03
 (EASEMENT "B")
PROPERTY OWNER:
 KAREN YVONNE CORNETT
 225 HOOT OWL HOLLOW
 HALLIE, KY 41821
 (LEASE AREA & EASEMENT "A")
 KEVIN & MELINDA ELDRIDGE
 5341 HWY 1103
 HALLIE, KY 41821
 (EASEMENT "B")
SOURCE OF TITLES:
 SEE FACE OF PLAT

SITE NUMBER:
 KYL06069

POD NUMBER: 20-59854
 DRAWN BY: JRS/DAP
 CHECKED BY: MEP
 SURVEY DATE: 6.23.20
 PLAT DATE: 7.15.20

SHEET TITLE:
SITE SURVEY
 THIS DOES NOT REPRESENT A
 BOUNDARY SURVEY OF THE
 PARENT PARCEL

SHEET NUMBER: (12 pages)
B-1.1

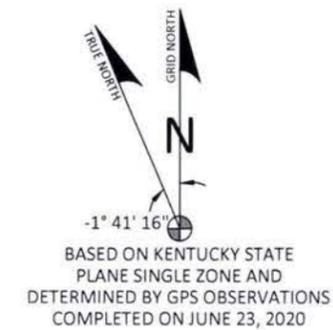
PARCEL ID: 062-00-00-003.00
T J WATTS & MARTHA WATTS

GLOBAL POSITIONING SYSTEMS NOTE

1. THE BOUNDARY CORNERS AND A PORTION OF THE TOPOGRAPHY WAS LOCATED USING GPS.
2. THE TYPE OF GPS UTILIZED WAS NETWORK ADJUSTED REAL TIME KINEMATIC (KDOT VRS NETWORK), NAD 83 KENTUCKY SINGLE ZONE WITH THE ORTHOMETRIC HEIGHT COMPUTED USING GEOID12A. RELATIVE POSITIONAL ACCURACY VARIED FROM 0.04' TO 0.08' HORIZONTALLY. SPECTRA PRECISION EPOCH 50 DUAL FREQUENCY RECEIVERS WERE USED TO PERFORM THE SURVEY.

FAA COORDINATE POINT
NAD 83
LATITUDE: 37°06'50.078671"
LONGITUDE: -83°00'03.542361"
NAVD 88
ELEVATION: 1,807± AMSL
NORTHING: 3,576,865.449
EASTING: 5,722,731.0660

TEMPORARY BENCHMARK
NORTHING: 3,576,786.621
EASTING: 5,722,695.256
ELEVATION: 1,805.95'
LOCATION: A SET 1/2" REBAR WITH A RED CAP STAMPED "POD TRAV" BEING S26°13'E 32.13± FROM THE SOUTHWEST CORNER OF THE PROPOSED LEASE AREA.



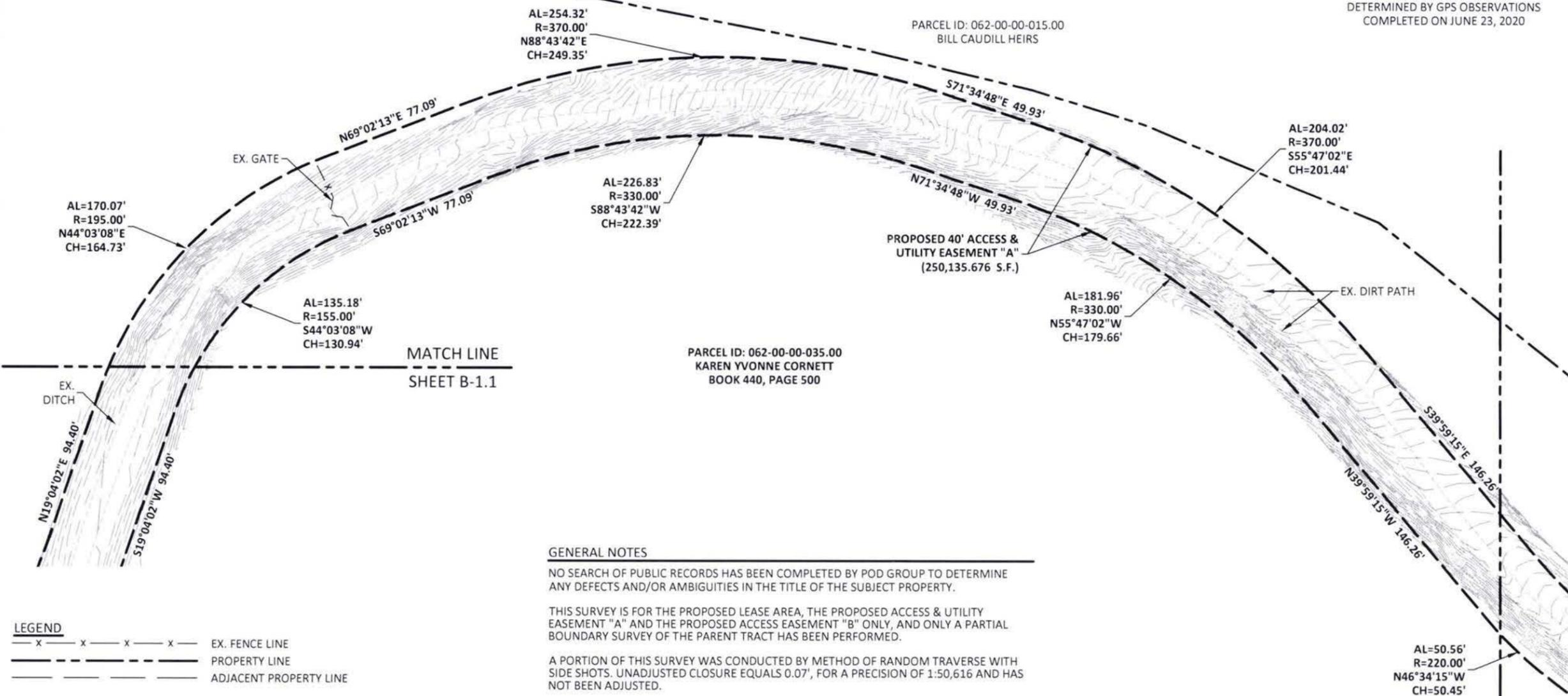
PREPARED BY:
POD
POWER OF DESIGN
11490 BLUEGRASS PARKWAY
LOUISVILLE, KY 40299
502-437-5252

PREPARED FOR:
MasTec

PREPARED FOR:
at&t

PARCEL ID: 062-00-00-015.00
BILL CAUDILL HEIRS

PARCEL ID: 062-00-00-035.00
KAREN YVONNE CORNETT
BOOK 440, PAGE 500



REVISIONS

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062-00-00-035.00
(LEASE AREA & EASEMENT "A")
062-00-00-030.03
(EASEMENT "B")
PROPERTY OWNER:
KAREN YVONNE CORNETT
225 HOOT OWL HOLLOW
HALLIE, KY 41821
(LEASE AREA & EASEMENT "A")
KEVIN & MELINDA ELDRIDGE
5341 HWY 1103
HALLIE, KY 41821
(EASEMENT "B")
SOURCE OF TITLES:
SEE FACE OF PLAT

SITE NUMBER:
KYLO6069
POD NUMBER: 20-59854
DRAWN BY: JRS/DAP
CHECKED BY: MEP
SURVEY DATE: 6.23.20
PLAT DATE: 7.15.20

SHEET TITLE:
SITE SURVEY
THIS DOES NOT REPRESENT A BOUNDARY SURVEY OF THE PARENT PARCEL

SHEET NUMBER: (12 pages)
B-1.2

LEGEND

— x — x — x — x —	EX. FENCE LINE
— — — — —	PROPERTY LINE
— — — — —	ADJACENT PROPERTY LINE

LAND SURVEYOR'S CERTIFICATE
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Mark Patterson
MARK PATTERSON, PLS #3136
DATE: 11/24/2020

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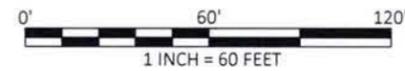
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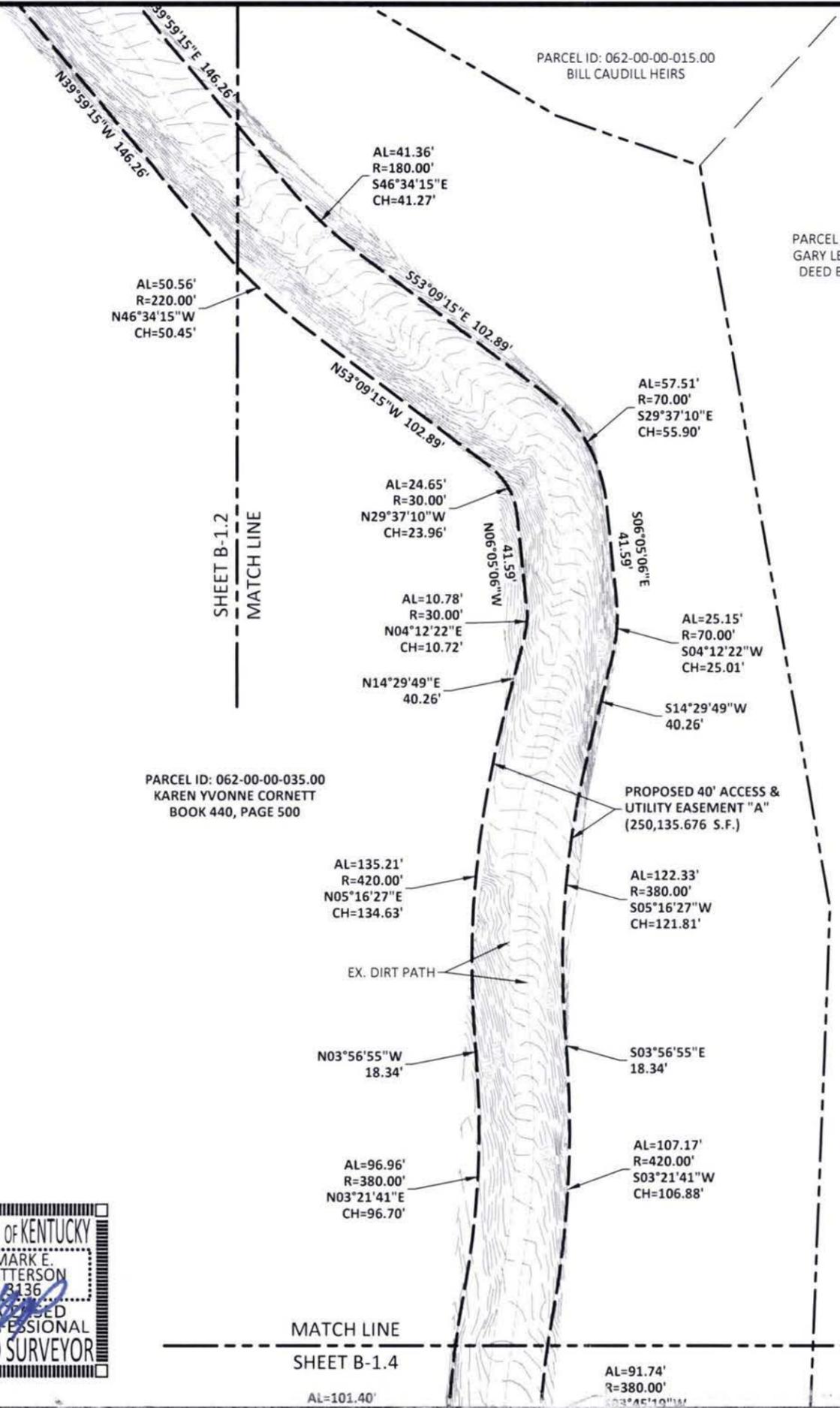
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LEGEND
 - - - - - PROPERTY LINE
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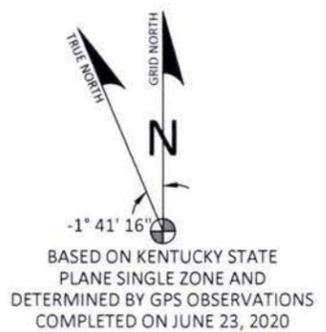
Mark Patterson 11/24/2020
 MARK PATTERSON, PLS #3136 DATE



PARCEL ID: 062-00-00-015.00
 BILL CAUDILL HEIRS

PARCEL ID: 062-00-00-017.00
 GARY LEE & KATIE C CAUDILL
 DEED BOOK 362, PAGE 874

PARCEL ID: 062-00-00-035.00
 KAREN YVONNE CORNETT
 BOOK 440, PAGE 500



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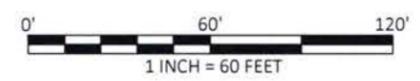
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PREPARED BY:
POD
 POWER OF DESIGN
 11490 BLUEGRASS PARKWAY
 LOUISVILLE, KY 40299
 502-437-5252

PREPARED FOR:

PREPARED FOR:

REVISIONS

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SITE INFORMATION:
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 HALLIE, KY 41821
 LETCHER COUNTY
TAX PARCEL NUMBER:
 062-00-00-035.00
 (LEASE AREA & EASEMENT "A")
 062-00-00-030.03
 (EASEMENT "B")
PROPERTY OWNER:
 KAREN YVONNE CORNETT
 225 HOOT OWL HOLLOW
 HALLIE, KY 41821
 (LEASE AREA & EASEMENT "A")
 KEVIN & MELINDA ELDRIDGE
 5341 HWY 1103
 HALLIE, KY 41821
 (EASEMENT "B")
SOURCE OF TITLES:
 SEE FACE OF PLAT

SITE NUMBER:
 KYL06069
POD NUMBER: 20-59854
DRAWN BY: JRS/DAP
CHECKED BY: MEP
SURVEY DATE: 6.23.20
PLAT DATE: 7.15.20

SHEET TITLE:
SITE SURVEY
 THIS DOES NOT REPRESENT A BOUNDARY SURVEY OF THE PARENT PARCEL

SHEET NUMBER: (12 pages)
B-1.3

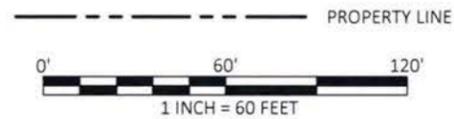
FAA COORDINATE POINT
 NAD 83
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 LONGITUDE: -83°00'03.542361"
 NAVD 88
 ELEVATION: 1,807± AMSL
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TEMPORARY BENCHMARK
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PER KENTUCKY STATE LAW, IT IS AGAINST THE LAW TO EXCAVATE WITHOUT NOTIFYING THE UNDERGROUND LOCATION SERVICE TWO (2) WORKING DAYS BEFORE COMMENCING WORK.

LEGEND



LAND SURVEYOR'S CERTIFICATE

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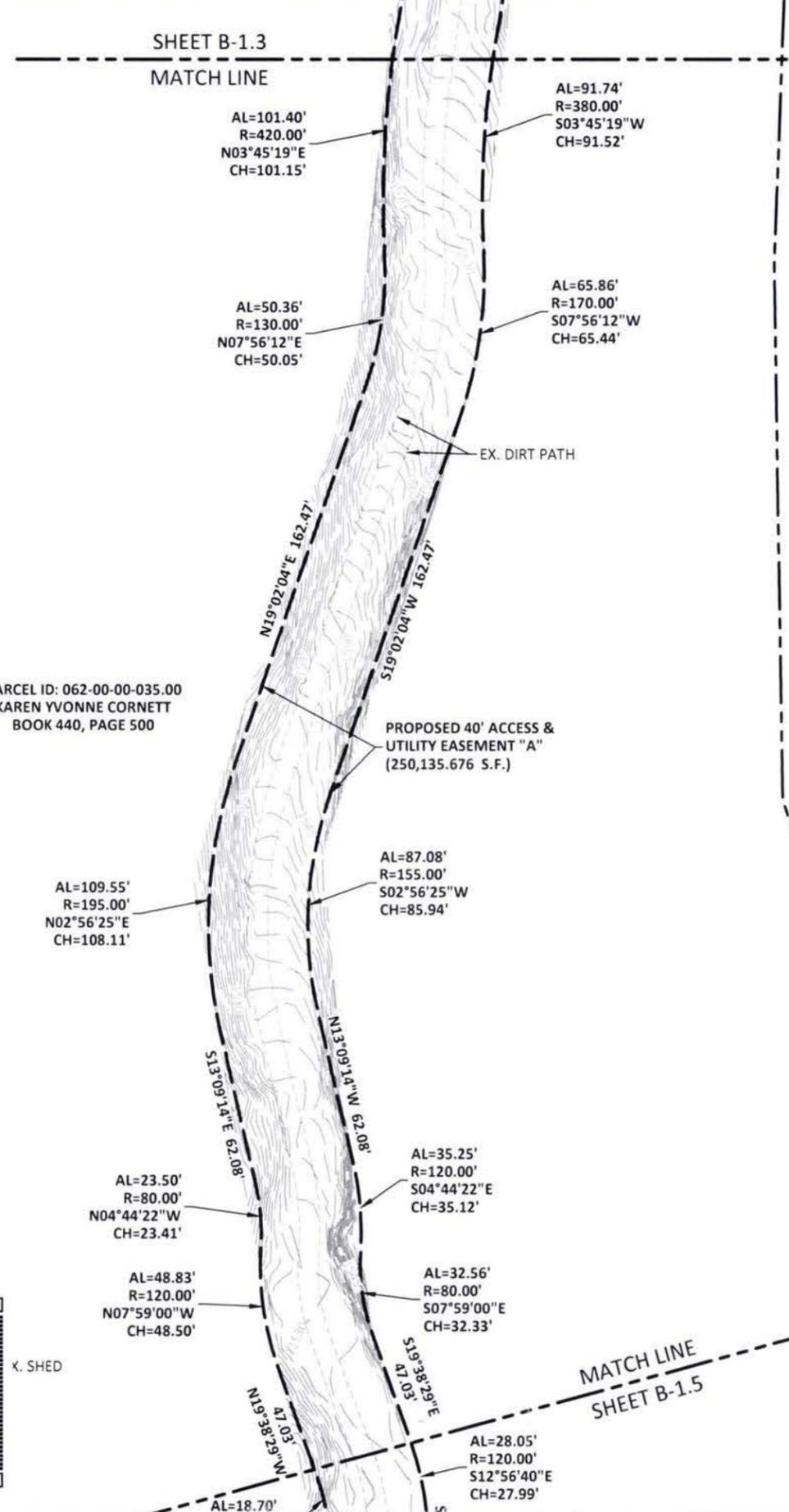
Mark Patterson
 MARK PATTERSON, PLS #3136

11/24/2020
 DATE



X. SHED

PARCEL ID: 062-00-00-035.00
 KAREN YVONNE CORNETT
 BOOK 440, PAGE 500



GLOBAL POSITIONING SYSTEMS NOTE

1. THE BOUNDARY CORNERS AND A PORTION OF THE TOPOGRAPHY WAS LOCATED USING GPS.
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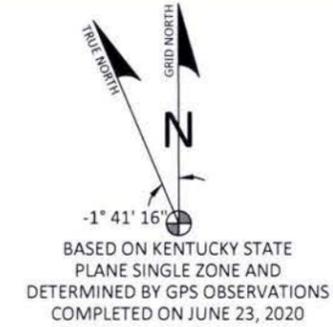
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PARCEL ID: 062-00-00-017.00
 GARY LEE & KATIE C CAUDILL
 DEED BOOK 362, PAGE 874



PREPARED BY:

 11490 BLUEGRASS PARKWAY
 LOUISVILLE, KY 40299
 502-437-5252

PREPARED FOR:

PREPARED FOR:

REVISIONS

REV.	DATE	DESCRIPTION
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SURVEY DATE:	6.23.20
PLAT DATE:	7.15.20

SHEET TITLE:
SITE SURVEY
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SHEET NUMBER: (12 pages)
B-1.4

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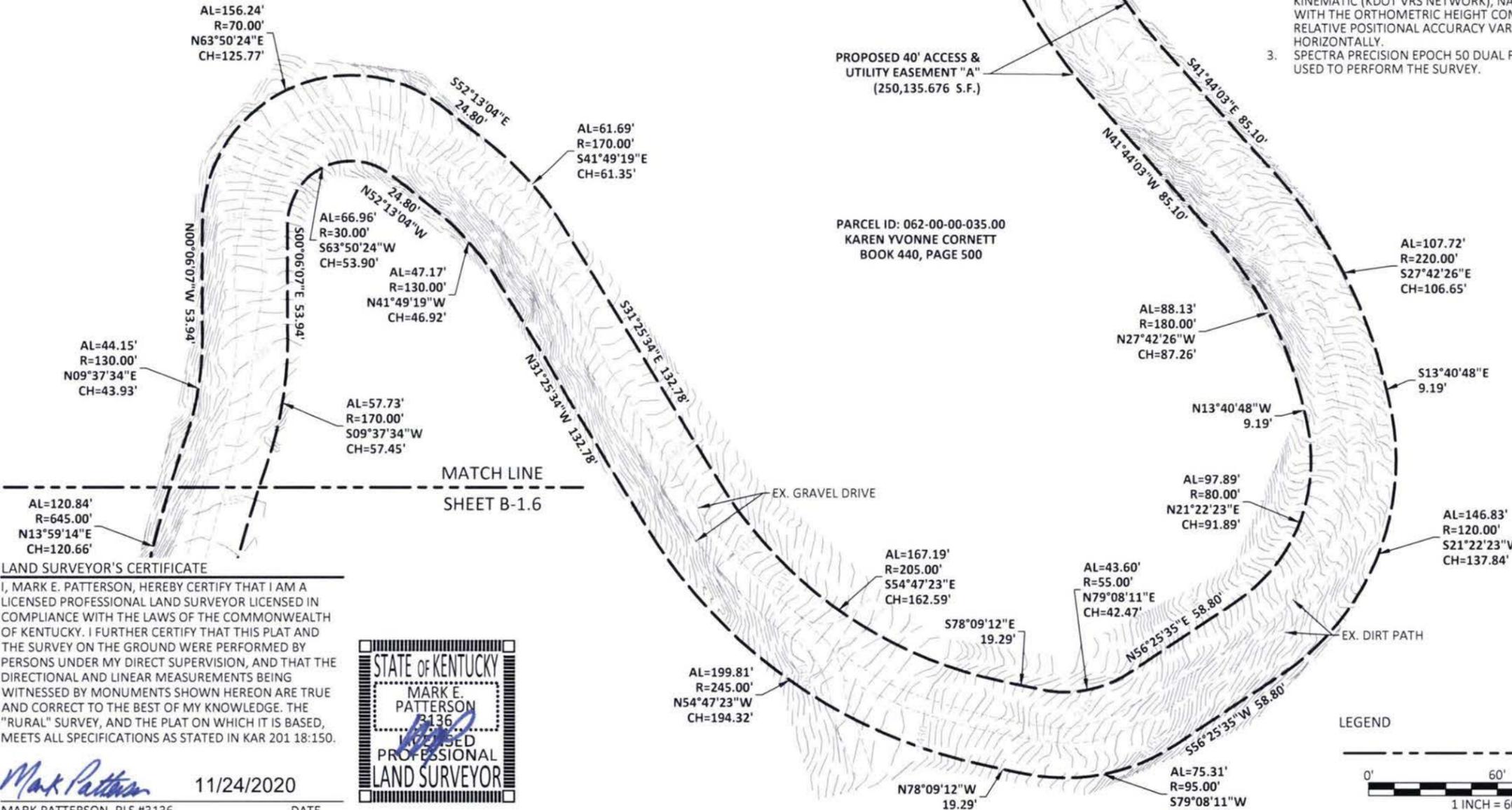
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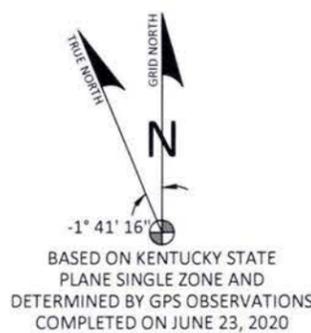


FAA COORDINATE POINT
 NAD 83
 LATITUDE: 37°06'50.078671"
 LONGITUDE: -83°00'03.542361"
 NAVD 88
 ELEVATION: 1,807± AMSL
 NORTHING: 3,576,865.449
 EASTING: 5,722,731.0660

TEMPORARY BENCHMARK
 NORTHING: 3,576,786.621
 EASTING: 5,722,695.256
 ELEVATION: 1,805.95'
 LOCATION: A SET 1/2" REBAR WITH A RED CAP STAMPED "POD TRAV" BEING S26°13'E 32.13± FROM THE SOUTHWEST CORNER OF THE PROPOSED LEASE AREA.

GLOBAL POSITIONING SYSTEMS NOTE

1. THE BOUNDARY CORNERS AND A PORTION OF THE TOPOGRAPHY WAS LOCATED USING GPS.
2. THE TYPE OF GPS UTILIZED WAS NETWORK ADJUSTED REAL TIME KINEMATIC (KDOT VRS NETWORK), NAD 83 KENTUCKY SINGLE ZONE WITH THE ORTHOMETRIC HEIGHT COMPUTED USING GEOID12A. RELATIVE POSITIONAL ACCURACY VARIED FROM 0.04' TO 0.08' HORIZONTALLY.
3. SPECTRA PRECISION EPOCH 50 DUAL FREQUENCY RECEIVERS WERE USED TO PERFORM THE SURVEY.



PREPARED BY:
POD
 POWER OF DESIGN
 11490 BLUEGRASS PARKWAY
 LOUISVILLE, KY 40299
 502-437-5252

PREPARED FOR:

PREPARED FOR:

REVISIONS

REV.	DATE	DESCRIPTION
A	7.15.20	PRELIM ISSUE WITH TITLE
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D	11.17.20	REVISED EASEMENT "B"
0	11.24.20	ISSUED AS FINAL

SITE INFORMATION:

HALLIE
 KENTUCKY HIGHWAY 1103
 HALLIE, KY 41821
 LETCHER COUNTY
TAX PARCEL NUMBER:
 062-00-00-035.00
 (LEASE AREA & EASEMENT "A")
 062-00-00-030.03
 (EASEMENT "B")
PROPERTY OWNER:
 KAREN YVONNE CORNETT
 225 HOOT OWL HOLLOW
 HALLIE, KY 41821
 (LEASE AREA & EASEMENT "A")
 KEVIN & MELINDA ELDRIDGE
 5341 HWY 1103
 HALLIE, KY 41821
 (EASEMENT "B")
SOURCE OF TITLES:
 SEE FACE OF PLAT

SITE NUMBER:
 KYL06069

POD NUMBER: 20-59854
DRAWN BY: JRS/DAP
CHECKED BY: MEP
SURVEY DATE: 6.23.20
PLAT DATE: 7.15.20

SHEET TITLE:
SITE SURVEY
 THIS DOES NOT REPRESENT A
 BOUNDARY SURVEY OF THE
 PARENT PARCEL

SHEET NUMBER: (12 pages)
B-1.5

LAND SURVEYOR'S CERTIFICATE

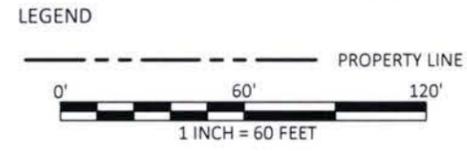
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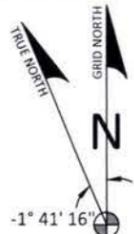
STATE OF KENTUCKY

MARK E. PATTERSON
 3136
 LICENSED PROFESSIONAL LAND SURVEYOR

MARK PATTERSON, PLS #3136
 DATE: 11/24/2020

Know what's below.
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1-800-752-6007
PER KENTUCKY STATE LAW, IT IS AGAINST THE LAW TO EXCAVATE WITHOUT NOTIFYING THE UNDERGROUND LOCATION SERVICE TWO (2) WORKING DAYS BEFORE COMMENCING WORK.





BASED ON KENTUCKY STATE PLANE SINGLE ZONE AND DETERMINED BY GPS OBSERVATIONS COMPLETED ON JUNE 23, 2020

GENERAL NOTES

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A PORTION OF THIS SURVEY WAS CONDUCTED BY METHOD OF RANDOM TRAVERSE WITH SIDE SHOTS. UNADJUSTED CLOSURE EQUALS 0.07', FOR A PRECISION OF 1:50,616 AND HAS NOT BEEN ADJUSTED.

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SHEET B-1.5

MATCH LINE

AL=120.84'
R=645.00'
N13°59'14"E
CH=120.66'

AL=113.35'
R=605.00'
S13°59'14"W
CH=113.18'

PARCEL ID: 062-00-00-035.00
KAREN YVONNE CORNETT
BOOK 440, PAGE 500

AL=131.19'
R=280.00'
N22°02'31"E
CH=129.99'

AL=149.93'
R=320.00'
S22°02'31"W
CH=148.56'

PROPOSED 40' ACCESS & UTILITY EASEMENT "A" (250,135.676 S.F.)

EX. GRAVEL DRIVE

EX. 24" STEEL PIPE

N35°27'51"E 229.68'

S35°27'51"W 229.68'

EX. PIPES

EX. STEEL CABINET

EX. POST WITH SOLAR PANEL

EX. WELL

AL=61.63'
R=320.00'
N29°56'49"E
CH=61.53'

AL=53.92'
R=280.00'
S29°56'49"W
CH=53.84'

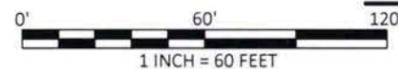
EX. TANK

EX. 15" STEEL PIPE

N24°25'47"E 158.16'

S24°25'47"W 158.16'

MATCH LINE
SEE ABOVE RIGHT



MATCH LINE
SHEET B-1.7



Mark Patterson
MARK PATTERSON, PLS #3136

11/24/2020
DATE

SEE BELOW LEFT
MATCH LINE

FAA COORDINATE POINT
NAD 83
LATITUDE: 37°06'50.078671"
LONGITUDE: -83°00'03.542361"
NAVD 88
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TEMPORARY BENCHMARK
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PARCEL ID: 062-00-00-035.00
KAREN YVONNE CORNETT
BOOK 440, PAGE 500

AL=151.16'
R=520.00'
N16°08'07"E
CH=150.63'

AL=139.53'
R=480.00'
S16°08'07"W
CH=139.04'

EX. 15" STEEL PIPE

PROPOSED 40' ACCESS & UTILITY EASEMENT "A" (250,135.676 S.F.)

AL=92.55'
R=480.00'
N13°19'52"E
CH=92.40'

AL=100.26'
R=520.00'
S13°19'52"W
CH=100.10'

EX. 15" STEEL PIPE

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(LEASE AREA & EASEMENT "A")
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(EASEMENT "B")
SOURCE OF TITLES:
SEE FACE OF PLAT

SITE NUMBER:
KYLO6069

POD NUMBER: 20-59854
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SURVEY DATE: 6.23.20
PLAT DATE: 7.15.20

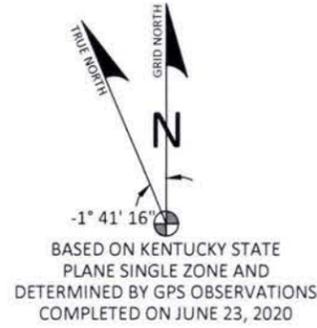
SHEET TITLE:
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SHEET NUMBER: (12 pages)

B-1.6

FAA COORDINATE POINT
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 LATITUDE: 37°06'50.078671"
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LEGEND

- UTILITY POLE
- GUY ANCHOR
- GAS LINE MARKER
- GAS METER
- EX. OVERHEAD ELECTRIC
- EX. FENCE LINE
- PROPERTY LINE
- ADJACENT PROPERTY LINE
- SPC STATE PLANE COORDINATE
- P.O.C. POINT OF COMMENCEMENT
- P.O.B. POINT OF BEGINNING

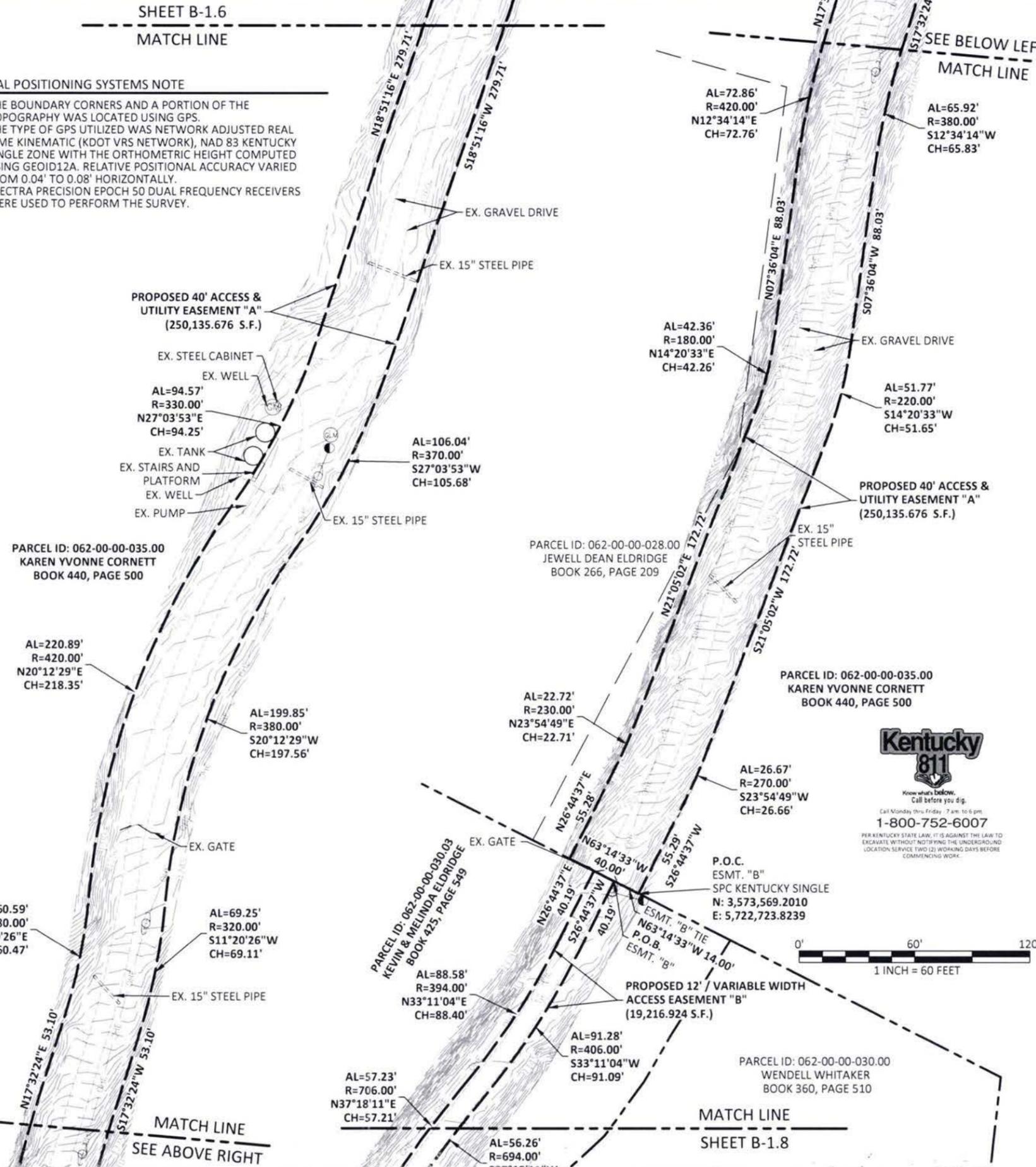
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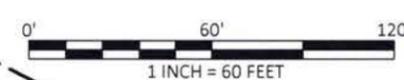
Mark Patterson
 MARK PATTERSON, PLS #3136
 11/24/2020
 DATE



SHEET B-1.6
 MATCH LINE



Kentucky 811
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PREPARED BY: **POD** POWER OF DESIGN
 11490 BLUEGRASS PARKWAY
 LOUISVILLE, KY 40299
 502-437-5252

PREPARED FOR: **MasTec**

PREPARED FOR: **at&t**

REVISIONS		
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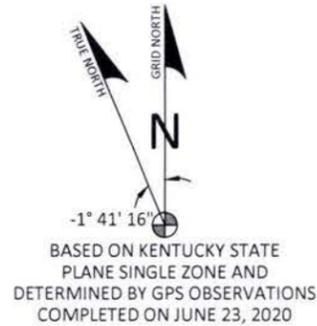
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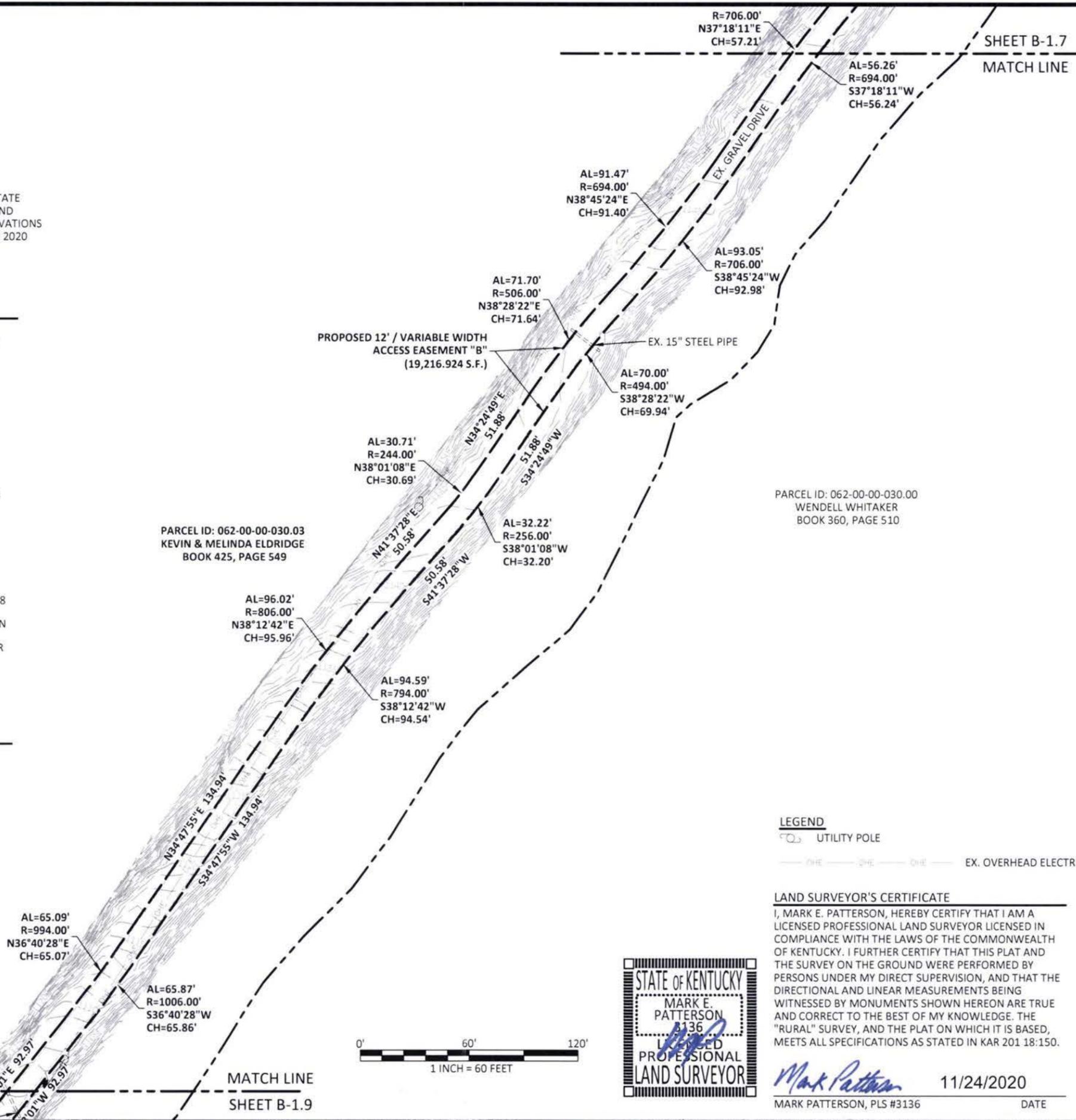
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PARCEL ID: 062-00-00-030.03
 KEVIN & MELINDA ELDRIDGE
 BOOK 425, PAGE 549

PARCEL ID: 062-00-00-030.00
 WENDELL WHITAKER
 BOOK 360, PAGE 510

LEGEND

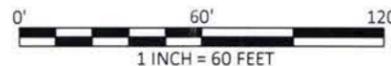
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Mark Patterson
 MARK PATTERSON, PLS #3136 11/24/2020 DATE



SHEET B-1.7
 MATCH LINE

MATCH LINE
 SHEET B-1.9

PREPARED BY:
POD
 POWER OF DESIGN
 11490 BLUEGRASS PARKWAY
 LOUISVILLE, KY 40299
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PREPARED FOR:

PREPARED FOR:

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 SURVEY DATE: 6.23.20
 PLAT DATE: 7.15.20

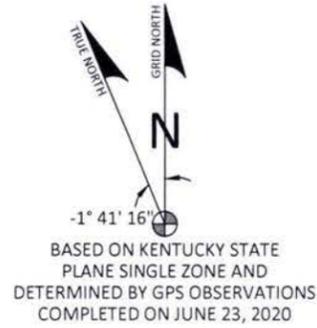
SHEET TITLE:
SITE SURVEY
 THIS DOES NOT REPRESENT A
 BOUNDARY SURVEY OF THE
 PARENT PARCEL

SHEET NUMBER: (12 pages)

B-1.8

FAA COORDINATE POINT
 NAD 83
 LATITUDE: 37°06'50.078671"
 LONGITUDE: -83°00'03.542361"
 NAVD 88
 ELEVATION: 1,807± AMSL
 NORTHING: 3,576,865.449
 EASTING: 5,722,731.0660

TEMPORARY BENCHMARK
 NORTHING: 3,576,786.621
 EASTING: 5,722,695.256
 ELEVATION: 1,805.95'
 LOCATION: A SET 1/2" REBAR WITH A RED CAP STAMPED "POD TRAV" BEING S26°13'E 32.13± FROM THE SOUTHWEST CORNER OF THE PROPOSED LEASE AREA.



GLOBAL POSITIONING SYSTEMS NOTE

1. THE BOUNDARY CORNERS AND A PORTION OF THE TOPOGRAPHY WAS LOCATED USING GPS.
2. THE TYPE OF GPS UTILIZED WAS NETWORK ADJUSTED REAL TIME KINEMATIC (KDOT VRS NETWORK), NAD 83 KENTUCKY SINGLE ZONE WITH THE ORTHOMETRIC HEIGHT COMPUTED USING GEOID12A. RELATIVE POSITIONAL ACCURACY VARIED FROM 0.04' TO 0.08' HORIZONTALLY.
3. SPECTRA PRECISION EPOCH 50 DUAL FREQUENCY RECEIVERS WERE USED TO PERFORM THE SURVEY.

SHEET B-1.8
 MATCH LINE

PARCEL ID: 062-00-00-030.00
 WENDELL WHITAKER
 BOOK 360, PAGE 510

GENERAL NOTES

NO SEARCH OF PUBLIC RECORDS HAS BEEN COMPLETED BY POD GROUP TO DETERMINE ANY DEFECTS AND/OR AMBIGUITIES IN THE TITLE OF THE SUBJECT PROPERTY.

THIS SURVEY IS FOR THE PROPOSED LEASE AREA, THE PROPOSED ACCESS & UTILITY EASEMENT "A" AND THE PROPOSED ACCESS EASEMENT "B" ONLY, AND ONLY A PARTIAL BOUNDARY SURVEY OF THE PARENT TRACT HAS BEEN PERFORMED.

A PORTION OF THIS SURVEY WAS CONDUCTED BY METHOD OF RANDOM TRAVERSE WITH SIDE SHOTS. UNADJUSTED CLOSURE EQUALS 0.07', FOR A PRECISION OF 1:50,616 AND HAS NOT BEEN ADJUSTED.

THIS PROPERTY IS SUBJECT TO ANY RECORDED EASEMENTS AND/OR RIGHTS OF WAY SHOWN HEREON OR NOT.

THIS PLAT IS NOT INTENDED FOR LAND TRANSFER.

A PORTION OF THE PARENT PARCELS (MAP # 063-90-00-013.00 & 063-00-00-030.03) AND ACCESS EASEMENT "B", SHOWN HEREON ARE LOCATED IN A 100-YEAR FLOOD HAZARD ZONE (ZONE A WITHOUT BASE FLOOD ELEVATION) PER FLOOD HAZARD BOUNDARY MAP, COMMUNITY-PANEL NUMBER 21133C0200C DATED MARCH 18, 2008 & 21133C0225D, DATED MARCH 16, 2015. THE PROPOSED LEASE AREA AND THE PROPOSED ACCESS & UTILITY EASEMENT "A", SHOWN HEREON ARE NOT LOCATED IN A 100-YEAR FLOOD PLAIN (ZONE X) PER FLOOD HAZARD BOUNDARY MAP, COMMUNITY-PANEL NUMBER 21133C0200C DATED MARCH 18, 2008 & 21133C0225D, DATED MARCH 16, 2015.

BOUNDARY LINES SHOWN HEREON ARE BASED ON GIS DATA RETRIEVED FROM THE LETCHER COUNTY PVA AND ARE SUBJECT TO INACCURACIES A SUBSEQUENT BOUNDARY SURVEY MAY DISCLOSE.

LEGEND

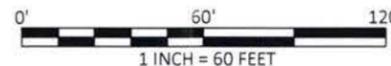
- UTILITY POLE
- EOP EDGE OF PAVEMENT
- EX. OVERHEAD ELECTRIC & TELEPHONE
- EX. OVERHEAD ELECTRIC
- EX. OVERHEAD TELEPHONE
- SET 1/2" REBAR 18" LONG CAPPED "PATTERSON PLS 3136"
- PROPERTY LINE
- ADJACENT PROPERTY LINE

LAND SURVEYOR'S CERTIFICATE

I, MARK E. PATTERSON, HEREBY CERTIFY THAT I AM A LICENSED PROFESSIONAL LAND SURVEYOR LICENSED IN COMPLIANCE WITH THE LAWS OF THE COMMONWEALTH OF KENTUCKY. I FURTHER CERTIFY THAT THIS PLAT AND THE SURVEY ON THE GROUND WERE PERFORMED BY PERSONS UNDER MY DIRECT SUPERVISION, AND THAT THE DIRECTIONAL AND LINEAR MEASUREMENTS BEING WITNESSED BY MONUMENTS SHOWN HEREON ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE. THE "RURAL" SURVEY, AND THE PLAT ON WHICH IT IS BASED, MEETS ALL SPECIFICATIONS AS STATED IN KAR 201 18:150.



Mark Patterson 11/24/2020
 MARK PATTERSON, PLS #3136 DATE



PARCEL ID: 062-00-00-030.03
 KEVIN & MELINDA ELDRIDGE
 BOOK 425, PAGE 549

PARCEL ID: 062-00-00-030.00
 WENDELL WHITAKER
 BOOK 360, PAGE 510

PARCEL ID: 062-00-00-035.00
 KAREN YVONNE CORNETT
 BOOK 440, PAGE 500

SPC KENTUCKY SINGLE
 N: 3,572,430.1869
 E: 5,721,786.7757

AL=40.88'
 R=536.20'
 N36°50'42"W
 CH=40.87'

SPC KENTUCKY SINGLE
 N: 3,572,397.4821
 E: 5,721,811.2822

EX. CULVERT WITH CONCRETE HEADWALLS

AL=79.24'
 R=141.70'
 S68°38'15"W
 CH=78.21'

AL=91.19'
 R=69.00'
 S70°27'54"W
 CH=84.69'

AL=73.59'
 R=81.00'
 S58°37'53"W
 CH=71.08'

EX. 15" STEEL PIPE
 AL=51.46'
 R=606.00'
 N32°49'26"E
 CH=51.44'

AL=117.31'
 R=444.00'
 N27°41'15"E
 CH=116.97'

AL=120.48'
 R=456.00'
 S27°41'15"W
 CH=120.13'

EX. 15" STEEL PIPE
 AL=82.35'
 R=256.00'
 N29°20'04"E
 CH=82.00'

EX. 18" STEEL PIPE
 AL=78.49'
 R=244.00'
 S29°20'04"W
 CH=78.16'

EX. 15" STEEL PIPE
 AL=50.44'
 R=594.00'
 S32°49'26"W
 CH=50.42'

EX. 12" CORRUGATED METAL PIPE

EX. 15" STEEL PIPE
 AL=51.46'
 R=606.00'
 N32°49'26"E
 CH=51.44'

PROPOSED 12' / VARIABLE WIDTH ACCESS EASEMENT "B" (19,216.924 S.F.)

APPROXIMATE FLOOD LINE - GRAPHIC PLOTTING ONLY NOT FIELD VERIFIED

ZONE X
 ZONE A

EX. RESIDENCE

EX. SHED

EX. SHED

EX. BUSHES

KY HIGHWAY 1103
 PUBLIC RIGHT OF WAY - UNKNOWN WIDTH



Call Monday thru Friday - 7 am. to 6 pm.
 1-800-752-6007

PER KENTUCKY STATE LAW, IT IS AGAINST THE LAW TO EXCAVATE WITHOUT NOTIFYING THE UNDERGROUND LOCATION SERVICE TWO (2) WORKING DAYS BEFORE COMMENCING WORK.

PREPARED BY:
POD
 POWER OF DESIGN
 11490 BLUEGRASS PARKWAY
 LOUISVILLE, KY 40299
 502-437-5252

PREPARED FOR:
MasTec

PREPARED FOR:
at&t

REVISIONS

REV.	DATE	DESCRIPTION
A	7.15.20	PRELIM ISSUE WITH TITLE
B	9.23.20	TITLE LINES / ESMT "B"
C	10.23.20	REVISED EASEMENT "B"
D	11.17.20	REVISED EASEMENT "B"
0	11.24.20	ISSUED AS FINAL

SITE INFORMATION:
HALLIE

KENTUCKY HIGHWAY 1103
 HALLIE, KY 41821
 LETCHER COUNTY

TAX PARCEL NUMBER:
 062-00-00-035.00
 (LEASE AREA & EASEMENT "A")
 062-00-00-030.03
 (EASEMENT "B")

PROPERTY OWNER:
 KAREN YVONNE CORNETT
 225 HOOT OWL HOLLOW
 HALLIE, KY 41821
 (LEASE AREA & EASEMENT "A")
 KEVIN & MELINDA ELDRIDGE
 5341 HWY 1103
 HALLIE, KY 41821
 (EASEMENT "B")

SOURCE OF TITLES:
 SEE FACE OF PLAT

SITE NUMBER:
 KYL06069

POD NUMBER: 20-59854
 DRAWN BY: JRS/DAP
 CHECKED BY: MEP
 SURVEY DATE: 6.23.20
 PLAT DATE: 7.15.20

SHEET TITLE:
SITE SURVEY

THIS DOES NOT REPRESENT A BOUNDARY SURVEY OF THE PARENT PARCEL

SHEET NUMBER: (12 pages)

B-1.9

LEGAL DESCRIPTIONS

PROPOSED 40' ACCESS & UTILITY EASEMENT "A"

THE FOLLOWING IS A DESCRIPTION OF THE PROPOSED 40' ACCESS & UTILITY EASEMENT TO BE GRANTED FROM THE PROPERTY CONVEYED TO KAREN YVONNE CORNETT AS RECORDED IN THE OFFICE OF THE CLERK OF LETCHER COUNTY, KENTUCKY AS BOOK 440, PAGE 500, PARCEL ID: 062-00-00-035.00, WHICH IS MORE PARTICULARLY DESCRIBED AS FOLLOWS:

BEARING DATUM USED HEREIN IS BASED UPON KENTUCKY STATE PLANE COORDINATE SYSTEM, SINGLE ZONE, NAD 83, FROM A REAL TIME KINEMATIC GLOBAL POSITIONING SYSTEM OBSERVATION USING THE KENTUCKY TRANSPORTATION CABINET REAL TIME GPS NETWORK COMPLETED ON JUNE 23, 2020.

BEGINNING AT A SET 1/2" REBAR, 18" LONG, CAPPED "PATTERSON PLS 3136", HEREAFTER REFERRED TO AS A "SET IPC" AT THE NORTHEAST CORNER OF THE PROPOSED LEASE AREA, SAID REBAR HAVING A KENTUCKY STATE PLANE SINGLE ZONE COORDINATE OF N: 3,576,915.4490, E: 5,722,781.0660; THENCE N90°00'00"E 40.00'; THENCE S00°00'00"E 15.00'; THENCE ALONG THE ARC OF A CURVE TO THE LEFT HAVING A RADIUS OF 15.00', ARC LENGTH OF 23.56', THE CHORD OF WHICH BEARS S45°00'00"E 21.21'; THENCE N90°00'00"E 111.93'; THENCE ALONG THE ARC OF A CURVE TO THE LEFT HAVING A RADIUS OF 30.00', ARC LENGTH OF 48.95', THE CHORD OF WHICH BEARS N43°15'30"E 43.70'; THENCE ALONG THE ARC OF A REVERSE CURVE TO THE RIGHT HAVING A RADIUS OF 270.00', ARC LENGTH OF 62.09', THE CHORD OF WHICH BEARS N03°06'19"E 61.96'; THENCE N09°32'24"E 161.84'; THENCE ALONG THE ARC OF A CURVE TO THE RIGHT HAVING A RADIUS OF 220.00', ARC LENGTH OF 36.58', THE CHORD OF WHICH BEARS N14°18'13"E 36.54'; THENCE N19°04'02"E 94.40'; THENCE ALONG THE ARC OF A CURVE TO THE RIGHT HAVING A RADIUS OF 195.00', ARC LENGTH OF 170.07', THE CHORD OF WHICH BEARS N44°03'08"E 164.73'; THENCE N69°02'13"E 77.09'; THENCE ALONG THE ARC OF A CURVE TO THE RIGHT HAVING A RADIUS OF 370.00', ARC LENGTH OF 254.32', THE CHORD OF WHICH BEARS N88°43'42"E 249.35'; THENCE S71°34'48"E 49.93'; THENCE ALONG THE ARC OF A CURVE TO THE RIGHT HAVING A RADIUS OF 370.00', ARC LENGTH OF 204.02', THE CHORD OF WHICH BEARS S55°47'02"E 201.44'; THENCE S39°59'15"E 146.26'; THENCE ALONG THE ARC OF A CURVE TO THE LEFT HAVING A RADIUS OF 180.00', ARC LENGTH OF 41.36', THE CHORD OF WHICH BEARS S46°34'15"E 41.27'; THENCE S53°09'15"E 102.89'; THENCE ALONG THE ARC OF A CURVE TO THE RIGHT HAVING A RADIUS OF 70.00', ARC LENGTH OF 57.51', THE CHORD OF WHICH BEARS S29°37'10"E 55.90'; THENCE S06°05'06"E 41.59'; THENCE ALONG THE ARC OF A CURVE TO THE RIGHT HAVING A RADIUS OF 70.00', ARC LENGTH OF 25.15', THE CHORD OF WHICH BEARS S04°12'22"W 25.01'; THENCE S14°29'49"W 40.26'; THENCE ALONG THE ARC OF A CURVE TO THE LEFT HAVING A RADIUS OF 380.00', ARC LENGTH OF 122.33', THE CHORD OF WHICH BEARS S05°16'27"W 121.81'; THENCE S03°56'55"E 18.34'; THENCE ALONG THE ARC OF A CURVE TO THE RIGHT HAVING A RADIUS OF 420.00', ARC LENGTH OF 107.17', THE CHORD OF WHICH BEARS S03°21'41"W 106.88'; THENCE ALONG THE ARC OF A REVERSE CURVE TO THE LEFT HAVING A RADIUS OF 380.00', ARC LENGTH OF 91.74', THE CHORD OF WHICH BEARS S03°45'19"W 91.52'; THENCE ALONG THE ARC OF A REVERSE CURVE TO THE RIGHT HAVING A RADIUS OF 170.00', ARC LENGTH OF 65.86', THE CHORD OF WHICH BEARS S07°56'12"W 65.44'; THENCE S19°02'04"W 162.47'; THENCE ALONG THE ARC OF A CURVE TO THE LEFT HAVING A RADIUS OF 155.00', ARC LENGTH OF 87.08', THE CHORD OF WHICH BEARS S02°56'25"W 85.94'; THENCE S13°09'14"E 62.08'; THENCE ALONG THE ARC OF A CURVE TO THE RIGHT HAVING A RADIUS OF 120.00', ARC LENGTH OF 35.25', THE CHORD OF WHICH BEARS S04°44'22"E 35.12'; THENCE ALONG THE ARC OF A REVERSE CURVE TO THE LEFT HAVING A RADIUS OF 80.00', ARC LENGTH OF 32.56', THE CHORD OF WHICH BEARS S07°59'00"E 32.33'; THENCE S19°38'29"E 47.03'; THENCE ALONG THE ARC OF A CURVE TO THE RIGHT HAVING A RADIUS OF 120.00', ARC LENGTH OF 28.05', THE CHORD OF WHICH BEARS S12°56'40"E 27.99'; THENCE S06°14'50"E 49.37'; THENCE ALONG THE ARC OF A CURVE TO THE LEFT HAVING A RADIUS OF 228.97', ARC LENGTH OF 142.48', THE CHORD OF WHICH BEARS S23°59'27"E 140.19'; THENCE S41°44'03"E 85.10'; THENCE ALONG THE ARC OF A CURVE TO THE RIGHT HAVING A RADIUS OF 220.00', ARC LENGTH OF 107.72', THE CHORD OF WHICH BEARS S27°42'26"E 106.65'; THENCE S13°40'48"E 9.19'; THENCE ALONG THE ARC OF A CURVE TO THE RIGHT HAVING A RADIUS OF 120.00', ARC LENGTH OF 146.83', THE CHORD OF WHICH BEARS S21°22'23"W 137.84'; THENCE S56°25'35"W 58.80'; THENCE ALONG THE ARC OF A CURVE TO THE RIGHT HAVING A RADIUS OF 95.00', ARC LENGTH OF 75.31', THE CHORD OF WHICH BEARS S79°08'11"W 73.35'; THENCE N78°09'12"W 19.29'; THENCE ALONG THE ARC OF A CURVE TO THE RIGHT HAVING A RADIUS OF 245.00', ARC LENGTH OF 199.81', THE CHORD OF WHICH BEARS N54°47'23"W 194.32'; THENCE N31°25'34"W 132.78'; THENCE ALONG THE ARC OF A CURVE TO THE LEFT HAVING A RADIUS OF 130.00', ARC LENGTH OF 47.17', THE CHORD OF WHICH BEARS N41°49'19"W 46.92'; THENCE N52°13'04"W 24.80'; THENCE ALONG THE ARC OF A CURVE TO THE LEFT HAVING A RADIUS OF 30.00', ARC LENGTH OF 66.96', THE CHORD OF WHICH BEARS S63°50'24"W 53.90'; THENCE S00°06'07"E 53.94'; THENCE ALONG THE ARC OF A CURVE TO THE RIGHT HAVING A RADIUS OF 170.00', ARC LENGTH OF 57.73', THE CHORD OF WHICH BEARS S09°37'34"W 57.45'; THENCE ALONG THE ARC OF A REVERSE CURVE TO THE LEFT HAVING A RADIUS OF 605.00', ARC LENGTH OF 113.35', THE CHORD OF WHICH BEARS S13°59'14"W 113.18'; THENCE ALONG THE ARC OF A REVERSE CURVE TO THE RIGHT HAVING A RADIUS OF 320.00', ARC LENGTH OF 149.93', THE CHORD OF WHICH BEARS S22°02'31"W 148.56'; THENCE S35°27'51"W 229.68'; THENCE ALONG THE ARC OF A CURVE TO THE LEFT HAVING A RADIUS OF 280.00', ARC LENGTH OF 53.92', THE CHORD OF WHICH BEARS S29°56'49"W 53.84'; THENCE S24°25'47"W 158.16'; THENCE ALONG THE ARC OF A CURVE TO THE LEFT HAVING A RADIUS OF 280.00', ARC LENGTH OF 99.40', THE CHORD OF WHICH BEARS S14°15'33"W 98.88'; THENCE ALONG THE ARC OF A REVERSE CURVE TO THE RIGHT HAVING A RADIUS OF 170.00', ARC LENGTH OF 60.45', THE CHORD OF WHICH BEARS S14°16'34"W 60.13'; THENCE S24°27'47"W 40.37'; THENCE ALONG THE ARC OF A CURVE TO THE LEFT HAVING A RADIUS OF 480.00', ARC LENGTH OF 139.53', THE CHORD OF WHICH BEARS S16°08'07"W 139.04'; THENCE ALONG THE ARC OF A REVERSE CURVE TO THE RIGHT HAVING A RADIUS OF 520.00', ARC LENGTH OF 100.26', THE CHORD OF WHICH BEARS S13°19'52"W 100.10'; THENCE S18°51'16"W 279.71'; THENCE ALONG THE ARC OF A CURVE TO THE RIGHT HAVING A RADIUS OF 370.00', ARC LENGTH OF 106.04', THE CHORD OF WHICH BEARS S27°03'53"W 105.68'; THENCE ALONG THE ARC OF A REVERSE CURVE TO THE LEFT HAVING A RADIUS OF 380.00', ARC LENGTH OF 199.85', THE CHORD OF WHICH BEARS S20°12'29"W 197.56'; THENCE ALONG THE ARC OF A REVERSE CURVE TO THE RIGHT HAVING A RADIUS OF 320.00', ARC LENGTH OF 69.25', THE CHORD OF WHICH BEARS S11°20'26"W 69.11'; THENCE S17°32'24"W 53.10'; THENCE ALONG THE ARC OF A CURVE TO THE LEFT HAVING A RADIUS OF 380.00', ARC LENGTH OF 65.92', THE CHORD OF WHICH BEARS S12°34'14"W 65.83'; THENCE S07°36'04"W 88.03'; THENCE ALONG THE ARC OF A CURVE TO THE RIGHT HAVING A RADIUS OF 220.00', ARC LENGTH OF 51.77', THE CHORD OF WHICH BEARS S14°20'33"W 51.65'; THENCE S21°05'02"W 172.72'; THENCE ALONG THE ARC OF A CURVE TO THE RIGHT HAVING A RADIUS OF 270.00', ARC LENGTH OF 26.67', THE CHORD OF WHICH BEARS S23°54'49"W 26.66'; THENCE S26°44'37"W 55.29' TO A POINT HAVING A KENTUCKY STATE PLANE SINGLE ZONE COORDINATE OF N:3,573,569.2010 E:5,722,723.8239 BEING THE COMMON LINE OF THE PROPERTY CONVEYED TO KAREN YVONNE CORNETT AS RECORDED IN BOOK 440, PAGE 500, PARCEL ID: 062-00-00-035.00 AND THE PROPERTY CONVEYED TO KEVIN AND MELINDA ELDRIDGE AS RECORDED IN BOOK 425, PAGE 549, PARCEL ID: 062-00-00-030.03; THENCE ALONG SAID COMMON LINE, N63°14'33"W 40.00'; THENCE LEAVING SAID COMMON LINE AND TRAVERSING THE LAND OF SAID CORNETT PROPERTY, N26°44'37"E 55.28'; THENCE ALONG THE ARC OF A CURVE TO THE LEFT HAVING A RADIUS OF 230.00', ARC LENGTH OF 22.72', THE CHORD OF WHICH BEARS N23°54'49"E 22.71'; THENCE N21°05'02"E 172.72'; THENCE ALONG THE ARC OF A CURVE TO THE LEFT HAVING A RADIUS OF 180.00', ARC LENGTH OF 42.36', THE CHORD OF WHICH BEARS N14°20'33"E 42.26'; THENCE N07°36'04"E 88.03'; THENCE ALONG THE ARC OF A CURVE TO THE RIGHT HAVING A RADIUS OF 420.00', ARC LENGTH OF 72.86', THE CHORD OF WHICH BEARS N12°34'14"E 72.76'; THENCE N17°32'24"E 53.10'; THENCE ALONG THE ARC OF A CURVE TO THE LEFT HAVING A RADIUS OF 280.00', ARC LENGTH OF 60.59', THE CHORD OF WHICH BEARS N11°20'26"E 60.47'; THENCE ALONG THE ARC OF A REVERSE CURVE TO THE RIGHT HAVING A RADIUS OF 420.00', ARC LENGTH OF 220.89', THE CHORD OF WHICH BEARS N20°12'29"E 218.35'; THENCE ALONG THE ARC OF A REVERSE CURVE TO THE LEFT HAVING A RADIUS OF 330.00', ARC LENGTH OF 94.57', THE CHORD OF WHICH BEARS N27°03'53"E 94.25'; THENCE N18°51'16"E 279.71'; THENCE ALONG THE ARC OF A CURVE TO THE LEFT HAVING A RADIUS OF 480.00', ARC LENGTH OF 92.55', THE CHORD OF WHICH BEARS N13°19'52"E 92.40'; THENCE ALONG THE ARC OF A REVERSE CURVE TO THE RIGHT HAVING A RADIUS OF 520.00', ARC LENGTH OF 151.16', THE CHORD OF WHICH BEARS N16°08'07"E 150.63'; THENCE N24°27'47"E 40.37'; THENCE ALONG THE ARC OF A CURVE TO THE LEFT HAVING A RADIUS OF 130.00', ARC LENGTH OF 46.23', THE CHORD OF WHICH BEARS N14°16'34"E 45.98'; THENCE ALONG THE ARC OF A REVERSE CURVE TO THE RIGHT HAVING A RADIUS OF 320.00', ARC LENGTH OF 113.60', THE CHORD OF WHICH BEARS N14°15'33"E 113.01'; THENCE N24°25'47"E 158.16'; THENCE ALONG THE ARC OF A CURVE TO THE RIGHT HAVING A RADIUS OF 320.00', ARC LENGTH OF 61.63', THE CHORD OF WHICH BEARS N29°56'49"E 61.53'; THENCE N35°27'51"E 229.68'; THENCE ALONG THE ARC OF A CURVE TO THE LEFT HAVING A RADIUS OF 280.00', ARC LENGTH OF 131.19', THE CHORD OF WHICH BEARS N22°02'31"E 129.99'; THENCE ALONG THE ARC OF A REVERSE CURVE TO THE RIGHT HAVING A RADIUS OF 645.00', ARC LENGTH OF 120.84', THE CHORD OF WHICH BEARS N13°59'14"E 120.66'; THENCE ALONG THE ARC OF A REVERSE CURVE TO THE LEFT HAVING A RADIUS OF 130.00', ARC LENGTH OF 44.15', THE CHORD OF WHICH BEARS N09°37'34"E 43.93'; THENCE N00°06'07"W 53.94'; THENCE ALONG THE ARC OF A CURVE TO THE RIGHT HAVING A RADIUS OF 70.00', ARC LENGTH OF 156.24', THE CHORD OF WHICH BEARS N63°50'24"E 125.77'; THENCE S52°13'04"E 24.80'; THENCE ALONG THE ARC OF A CURVE TO THE RIGHT HAVING A RADIUS OF 170.00', ARC LENGTH OF 61.69', THE CHORD OF WHICH BEARS S41°49'19"E 61.35'; THENCE S31°25'34"E 132.78'; THENCE ALONG THE ARC OF A CURVE TO THE LEFT HAVING A RADIUS OF 205.00', ARC LENGTH OF 167.19', THE CHORD OF WHICH BEARS S54°47'23"E 162.59'; THENCE S78°09'12"E 19.29'; THENCE ALONG THE ARC OF A CURVE TO THE LEFT HAVING A RADIUS OF 55.00', ARC LENGTH OF 43.60', THE CHORD OF WHICH BEARS N79°08'11"E 42.47'; THENCE N56°25'35"E 58.80'; THENCE ALONG THE ARC OF A CURVE TO THE LEFT HAVING A RADIUS OF 80.00', ARC LENGTH OF 97.89', THE CHORD OF WHICH BEARS N21°22'23"E 91.89'; THENCE N13°40'48"W 9.19'; THENCE ALONG THE ARC OF A CURVE TO THE LEFT HAVING A RADIUS OF 180.00', ARC LENGTH OF 88.13', THE CHORD OF WHICH BEARS N27°42'26"W 87.26'; THENCE N41°44'03"W 85.10'; THENCE ALONG THE ARC OF A CURVE TO THE RIGHT HAVING A RADIUS OF 270.00', ARC LENGTH OF 167.23', THE CHORD OF WHICH BEARS N23°59'27"W 164.57'; THENCE N06°14'50"W 49.37'; THENCE ALONG THE ARC OF A CURVE TO THE LEFT HAVING A RADIUS OF 80.00', ARC LENGTH OF 18.70', THE CHORD OF WHICH BEARS N12°56'40"W 18.66'; THENCE N19°38'29"W 47.03'; THENCE ALONG THE ARC OF A CURVE TO THE RIGHT HAVING A RADIUS OF 120.00', ARC LENGTH OF 48.83', THE CHORD OF WHICH BEARS N07°59'00"W 48.50'; THENCE ALONG THE ARC OF A REVERSE CURVE TO THE LEFT HAVING A RADIUS OF 80.00', ARC LENGTH OF 23.50', THE CHORD OF WHICH BEARS N04°44'22"W 23.41'; THENCE N13°09'14"W 62.08'; THENCE ALONG THE ARC OF A CURVE TO THE RIGHT HAVING A RADIUS OF 195.00', ARC LENGTH OF 109.55', THE CHORD OF WHICH BEARS N02°56'25"E 108.11'; THENCE N19°02'04"E 162.47'; THENCE ALONG THE ARC OF A CURVE TO THE LEFT HAVING A RADIUS OF 130.00', ARC LENGTH OF 50.36', THE CHORD OF WHICH BEARS N07°56'12"E 50.05'; THENCE ALONG THE ARC OF A REVERSE CURVE TO THE RIGHT HAVING A RADIUS OF 420.00', ARC LENGTH OF 101.40', THE CHORD OF WHICH BEARS N03°45'19"E 101.15'; THENCE ALONG THE ARC OF A REVERSE CURVE TO THE LEFT HAVING A RADIUS OF 380.00', ARC LENGTH OF 96.96', THE CHORD OF WHICH BEARS N03°21'41"E 96.70'; THENCE N03°56'55"W 18.34'; THENCE ALONG THE ARC OF A CURVE TO THE RIGHT HAVING A RADIUS OF 420.00', ARC LENGTH OF 135.21', THE CHORD OF WHICH BEARS N05°16'27"E 134.63'; THENCE N14°29'49"E 40.26'; THENCE ALONG THE ARC OF A CURVE TO THE LEFT HAVING A RADIUS OF 30.00', ARC LENGTH OF 10.78', THE CHORD OF WHICH BEARS N04°12'22"E 10.72'; THENCE N06°05'06"W 41.59'; THENCE ALONG THE ARC OF A CURVE TO THE LEFT HAVING A RADIUS OF 30.00', ARC LENGTH OF 24.65', THE CHORD OF WHICH BEARS N29°37'10"W 23.96'; THENCE N53°09'15"W 102.89'; THENCE ALONG THE ARC OF A CURVE TO THE RIGHT HAVING A RADIUS OF 220.00', ARC LENGTH OF 50.56', THE CHORD OF WHICH BEARS N46°34'15"W 50.45'; THENCE N39°59'15"W 146.26'; THENCE ALONG THE ARC OF A CURVE TO THE LEFT HAVING A RADIUS OF 330.00', ARC LENGTH OF 181.96', THE CHORD OF WHICH BEARS N55°47'02"W 179.66'; THENCE N71°34'48"W 49.93'; THENCE ALONG THE ARC OF A CURVE TO THE LEFT HAVING A RADIUS OF 330.00', ARC LENGTH OF 226.83', THE CHORD OF WHICH BEARS S88°43'42"W 222.39'; THENCE S69°02'13"W 77.09'; THENCE ALONG THE ARC OF A CURVE TO THE LEFT HAVING A RADIUS OF 155.00', ARC LENGTH OF 135.18', THE CHORD OF WHICH BEARS S44°03'08"W 130.94'; THENCE S19°04'02"W 94.40'; THENCE ALONG THE ARC OF A CURVE TO THE LEFT HAVING A RADIUS OF 180.00', ARC LENGTH OF 29.93', THE CHORD OF WHICH BEARS S14°18'13"W 29.90'; THENCE S09°32'24"W 161.90'; THENCE ALONG THE ARC OF A CURVE TO THE LEFT HAVING A RADIUS OF 230.00', ARC LENGTH OF 52.95', THE CHORD OF WHICH BEARS S03°06'42"W 52.83'; THENCE ALONG THE ARC OF A REVERSE CURVE TO THE RIGHT HAVING A RADIUS OF 70.00', ARC LENGTH OF 114.21', THE CHORD OF WHICH BEARS S43°15'30"W 101.96'; THENCE N90°00'00"W 111.93'; THENCE ALONG THE ARC OF A CURVE TO THE LEFT HAVING A RADIUS OF 15.00', ARC LENGTH OF 23.56', THE CHORD OF WHICH BEARS S45°00'00"W 21.21'; THENCE S00°00'00"E 15.00'; THENCE N90°00'00"W 40.00' TO A SET IPC IN THE SOUTHEAST CORNER OF THE PROPOSED LEASE AREA, HAVING A KENTUCKY STATE PLANE SINGLE ZONE COORDINATE VALUE OF N:3,576,815.4490, E:5,722,781.0660; THENCE WITH SAID LEASE AREA, N00°00'00"W 100.00' TO THE POINT OF BEGINNING CONTAINING 250,135.676 SQUARE FEET AS PER SURVEY BY MARK E. PATTERSON, PLS #3136 DATED JUNE 23, 2020.

PROPOSED LEASE AREA

THE FOLLOWING IS A DESCRIPTION OF THE PROPOSED LEASE AREA TO BE LEASED FROM THE PROPERTY CONVEYED TO KAREN YVONNE CORNETT AS RECORDED IN THE OFFICE OF THE CLERK OF LETCHER COUNTY, KENTUCKY AS BOOK 440, PAGE 500, PARCEL ID: 062-00-00-035.00, WHICH IS MORE PARTICULARLY DESCRIBED AS FOLLOWS:

BEARING DATUM USED HEREIN IS BASED UPON KENTUCKY STATE PLANE COORDINATE SYSTEM, SINGLE ZONE, NAD 83, FROM A REAL TIME KINEMATIC GLOBAL POSITIONING SYSTEM OBSERVATION USING THE KENTUCKY TRANSPORTATION CABINET REAL TIME GPS NETWORK COMPLETED ON JUNE 23, 2020.

BEGINNING AT A SET 1/2" REBAR, 18" LONG, CAPPED "PATTERSON PLS 3136", HEREAFTER REFERRED TO AS A "SET IPC" AT THE NORTHEAST CORNER OF THE PROPOSED LEASE AREA, SAID REBAR HAVING A KENTUCKY STATE PLANE SINGLE ZONE COORDINATE OF N: 3,576,915.4490, E: 5,722,781.0660; THENCE S00°00'00"E 100.00' TO A SET IPC HAVING A KENTUCKY STATE PLANE SINGLE ZONE COORDINATE OF N:3,576,815.4490 E:5,722,681.0660; THENCE N00°00'00"W 100.00' TO A SET IPC HAVING A KENTUCKY STATE PLANE SINGLE ZONE COORDINATE OF N:3,576,815.4490 E:5,722,681.0660; THENCE N90°00'00"E 100.00' TO THE POINT OF BEGINNING CONTAINING 10,000.000 SQUARE FEET AS PER SURVEY BY MARK E. PATTERSON, PLS #3136 DATED JUNE 23, 2020.

PROPOSED 12' / VARIABLE WIDTH ACCESS EASEMENT "B"

THE FOLLOWING IS A DESCRIPTION OF THE PROPOSED 12' / VARIABLE WIDTH ACCESS EASEMENT "B" TO BE GRANTED FROM THE PROPERTY CONVEYED TO KEVIN AND MELINDA ELDRIDGE AS RECORDED IN THE OFFICE OF THE CLERK OF LETCHER COUNTY, KENTUCKY AS BOOK 425, PAGE 549, PARCEL ID: 062-00-00-030.03 WHICH IS MORE PARTICULARLY DESCRIBED AS FOLLOWS:

BEARING DATUM USED HEREIN IS BASED UPON KENTUCKY STATE PLANE COORDINATE SYSTEM, SINGLE ZONE, NAD 83, FROM A REAL TIME KINEMATIC GLOBAL POSITIONING SYSTEM OBSERVATION USING THE KENTUCKY TRANSPORTATION CABINET REAL TIME GPS NETWORK COMPLETED ON JUNE 23, 2020.

COMMENCING AT A POINT IN THE COMMON LINE OF THE PROPERTY CONVEYED TO KAREN YVONNE CORNETT AS RECORDED IN BOOK 440, PAGE 500, PARCEL ID: 062-00-00-035.00 AND THE PROPERTY CONVEYED TO KEVIN AND MELINDA ELDRIDGE AS RECORDED IN BOOK 425, PAGE 549, PARCEL ID: 062-00-00-030.03, SAID POINT HAVING A KENTUCKY STATE PLANE SINGLE ZONE COORDINATE OF N:3,573,569.2010, E:5,722,723.8239 AND BEING THE SOUTHEAST CORNER OF THE PROPOSED 40' ACCESS & UTILITY EASEMENT "A"; THENCE WITH SAID COMMON LINE, N63°14'33"W 14.00' TO THE TRUE POINT OF BEGINNING; THENCE LEAVING SAID COMMON LINE AND TRAVERSING THE LAND OF SAID ELDRIDGE, S26°44'37"W 40.19'; THENCE ALONG THE ARC OF A CURVE TO THE RIGHT HAVING A RADIUS OF 406.00', ARC LENGTH OF 91.28', THE CHORD OF WHICH BEARS S33°11'04"W 91.09'; THENCE ALONG THE ARC OF A REVERSE CURVE TO THE LEFT HAVING A RADIUS OF 694.00', ARC LENGTH OF 56.26', THE CHORD OF WHICH BEARS S37°18'11"W 56.24'; THENCE S34°58'51"W 46.01'; THENCE ALONG THE ARC OF A CURVE TO THE RIGHT HAVING A RADIUS OF 706.00', ARC LENGTH OF 93.05', THE CHORD OF WHICH BEARS S38°45'24"W 92.98'; THENCE ALONG THE ARC OF A REVERSE CURVE TO THE LEFT HAVING A RADIUS OF 494.00', ARC LENGTH OF 70.00', THE CHORD OF WHICH BEARS S38°28'22"W 69.94'; THENCE S34°24'49"W 51.88'; THENCE ALONG THE ARC OF A CURVE TO THE RIGHT HAVING A RADIUS OF 256.00', ARC LENGTH OF 32.22', THE CHORD OF WHICH BEARS S38°01'08"W 32.20'; THENCE S41°37'28"W 50.58'; THENCE ALONG THE ARC OF A CURVE TO THE LEFT HAVING A RADIUS OF 794.00', ARC LENGTH OF 94.59', THE CHORD OF WHICH BEARS S38°12'42"W 94.54'; THENCE S34°47'55"W 134.94'; THENCE ALONG THE ARC OF A CURVE TO THE RIGHT HAVING A RADIUS OF 1006.00', ARC LENGTH OF 65.87', THE CHORD OF WHICH BEARS S36°40'28"W 65.86'; THENCE S38°33'01"W 92.97'; THENCE ALONG THE ARC OF A CURVE TO THE LEFT HAVING A RADIUS OF 244.00', ARC LENGTH OF 78.49', THE CHORD OF WHICH BEARS S29°20'04"W 78.16'; THENCE ALONG THE ARC OF A REVERSE CURVE TO THE RIGHT HAVING A RADIUS OF 456.00', ARC LENGTH OF 120.48', THE CHORD OF WHICH BEARS S27°41'15"W 120.13'; THENCE ALONG THE ARC OF A REVERSE CURVE TO THE LEFT HAVING A RADIUS OF 594.00', ARC LENGTH OF 50.44', THE CHORD OF WHICH BEARS S32°49'26"W 50.42'; THENCE S30°23'29"W 71.41'; THENCE S35°54'41"W 31.21'; THENCE S32°36'19"W 83.53'; THENCE ALONG THE ARC OF A CURVE TO THE RIGHT HAVING A RADIUS OF 81.00', ARC LENGTH OF 73.59', THE CHORD OF WHICH BEARS S58°37'53"W 71.08'; THENCE ALONG THE ARC OF A REVERSE CURVE TO THE LEFT HAVING A RADIUS OF 141.70', ARC LENGTH OF 79.24', THE CHORD OF WHICH BEARS S68°38'15"W 78.21' TO A POINT IN THE APPROXIMATE CENTERLINE OF KENTUCKY HIGHWAY 1103 HAVING A KENTUCKY STATE PLANE SINGLE ZONE COORDINATE OF N: 3,572,397.4821 E:5,721,811.2822; THENCE WITH SAID CENTERLINE ALONG THE ARC OF A CURVE TO THE LEFT HAVING A RADIUS OF 536.20', ARC LENGTH OF 40.88', THE CHORD OF WHICH BEARS N36°50'42"W 40.87' TO A POINT HAVING A KENTUCKY STATE PLANE SINGLE ZONE COORDINATE OF N: 3,572,430.1869, E:5,721,786.7757; THENCE LEAVING SAID CENTERLINE OF KENTUCKY HIGHWAY 1103 THENCE N50°58'16"E 11.36'; THENCE ALONG THE ARC OF A CURVE TO THE LEFT HAVING A RADIUS OF 20.00', ARC LENGTH OF 29.49', THE CHORD OF WHICH BEARS S86°03'12"E 26.89'; THENCE ALONG THE ARC OF A REVERSE CURVE TO THE RIGHT HAVING A RADIUS OF 34.72', ARC LENGTH OF 34.31', THE CHORD OF WHICH BEARS N80°09'46"E 32.94'; THENCE ALONG THE ARC OF A REVERSE CURVE TO THE LEFT HAVING A RADIUS OF 69.00', ARC LENGTH OF 91.19', THE CHORD OF WHICH BEARS N70°27'54"E 84.69'; THENCE N32°36'19"E 83.88'; THENCE N35°54'41"E 30.98'; THENCE N30°23'29"E 70.83'; THENCE ALONG THE ARC OF A CURVE TO THE RIGHT HAVING A RADIUS OF 606.00', ARC LENGTH OF 51.46', THE CHORD OF WHICH BEARS N32°49'26"E 51.44'; THENCE ALONG THE ARC OF A REVERSE CURVE TO THE LEFT HAVING A RADIUS OF 444.00', ARC LENGTH OF 117.31', THE CHORD OF WHICH BEARS N27°41'15"E 116.97'; THENCE ALONG THE ARC OF A REVERSE CURVE TO THE RIGHT HAVING A RADIUS OF 256.00', ARC LENGTH OF 82.35', THE CHORD OF WHICH BEARS N29°20'04"E 82.00'; THENCE N38°33'01"E 92.97'; THENCE ALONG THE ARC OF A CURVE TO THE LEFT HAVING A RADIUS OF 994.00', ARC LENGTH OF 65.09', THE CHORD OF WHICH BEARS N36°40'28"E 65.07'; THENCE N34°47'55"E 134.94'; THENCE ALONG THE ARC OF A CURVE TO THE RIGHT HAVING A RADIUS OF 806.00', ARC LENGTH OF 96.02', THE CHORD OF WHICH BEARS N38°12'42"E 95.96'; THENCE N41°37'28"E 50.58'; THENCE ALONG THE ARC OF A CURVE TO THE LEFT HAVING A RADIUS OF 244.00', ARC LENGTH OF 30.71', THE CHORD OF WHICH BEARS N38°01'08"E 30.69'; THENCE N34°24'49"E 51.88'; THENCE ALONG THE ARC OF A CURVE TO THE RIGHT HAVING A RADIUS OF 506.00', ARC LENGTH OF 71.70', THE CHORD OF WHICH BEARS N38°28'22"E 71.64'; THENCE ALONG THE ARC OF A REVERSE CURVE TO THE LEFT HAVING A RADIUS OF 694.00', ARC LENGTH OF 91.47', THE CHORD OF WHICH BEARS N38°45'24"E 91.40'; THENCE N34°58'51"E 46.01'; THENCE ALONG THE ARC OF A CURVE TO THE RIGHT HAVING A RADIUS OF 706.00', ARC LENGTH OF 57.23', THE CHORD OF WHICH BEARS N37°18'11"E 57.21'; THENCE ALONG THE ARC OF A REVERSE CURVE TO THE LEFT HAVING A RADIUS OF 394.00', ARC LENGTH OF 88.58', THE CHORD OF WHICH BEARS N33°11'04"E 88.40'; THENCE N26°44'37"E 40.19' TO THE COMMON LINE OF SAID CORNETT AND ELDRIDGE PROPERTIES; THENCE ALONG SAID COMMON LINE S63°14'33"E 12.00' TO THE POINT OF BEGINNING CONTAINING 19,216.924 SQUARE FEET AS PER SURVEY BY MARK E. PATTERSON, PLS #3136 DATED JUNE 23, 2020.

LAND SURVEYOR'S CERTIFICATE

I, MARK E. PATTERSON, HEREBY CERTIFY THAT I AM A LICENSED PROFESSIONAL LAND SURVEYOR LICENSED IN COMPLIANCE WITH THE LAWS OF THE COMMONWEALTH OF KENTUCKY. I FURTHER CERTIFY THAT THIS PLAT AND THE SURVEY ON THE GROUND WERE PERFORMED BY PERSONS UNDER MY DIRECT SUPERVISION, AND THAT THE DIRECTIONAL AND LINEAR MEASUREMENTS BEING WITNESSED BY MONUMENTS SHOWN HEREON ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE. THE "RURAL" SURVEY, AND THE PLAT ON WHICH IT IS BASED, MEETS ALL SPECIFICATIONS AS STATED IN KAR 201 18:150.



Mark Patterson 11/24/2020 DATE
MARK PATTERSON, PLS #3136 DATE



Table with 3 columns: REV., DATE, DESCRIPTION. Contains revision history from 7.15.20 to 11.24.20.

SITE INFORMATION: HALLIE, KENTUCKY HIGHWAY 1103, HALLIE, KY 41821, LETCHER COUNTY. TAX PARCEL NUMBER: 062-00-00-035.00. PROPERTY OWNER: KAREN YVONNE CORNETT, 225 HOOT OWL HOLLOW, HALLIE, KY 41821. SOURCE OF TITLES: SEE FACE OF PLAT.

SITE NUMBER: KYL06069. POD NUMBER: 20-59854. DRAWN BY: JRS/DAP. CHECKED BY: MEP. SURVEY DATE: 6.23.20. PLAT DATE: 7.15.20.

SHEET TITLE: SITE SURVEY. SHEET NUMBER: (12 pages) B-1.10

REPORT OF TITLE - PARCEL 062-00-00-035.00 - DEED BOOK 440, PAGE 500 (LEASE AREA & EASEMENT "A")

THIS SURVEY DOES NOT CONSTITUTE A TITLE SEARCH BY POD GROUP, LLC. AND AS SUCH WE ARE NOT RESPONSIBLE FOR THE INVESTIGATION OR INDEPENDENT SEARCH FOR EASEMENTS OF RECORD, ENCUMBRANCES, RESTRICTIVE COVENANTS, OWNERSHIP TITLE EVIDENCE, UNRECORDED EASEMENTS, AUGMENTING EASEMENTS, IMPLIED OR PRESCRIPTIVE EASEMENTS, OR ANY OTHER FACTS THAT AN ACCURATE AND CURRENT TITLE SEARCH MAY DISCLOSE AND THIS SURVEY WAS COMPLETED WITH THE AID OF TITLE WORK PREPARED BY US TITLE SOLUTIONS, FOR THE BENEFIT OF MASTEC NETWORK SOLUTIONS - KY/TN ON BEHALF OF AT&T, FILE NO. 64207-KY1910-5030, REFERENCE NO. 13800689-1, ISSUE DATE OF NOVEMBER 19, 2019. THE FOLLOWING COMMENTS ARE IN REGARD TO SAID REPORT.

SCHEDULE B

- TAXES, TAX LIENS, TAX SALES, WATER RATES, SEWER AND ASSESSMENTS SET FORTH IN SCHEDULE HEREIN. TAX ID :062-00-00-035.00 - PERIOD :2019 - PAYMENT STATUS: PAID - TAX AMOUNT : \$796.33 (NOT A SURVEY MATTER, THEREFORE POD GROUP, LLC DID NOT EXAMINE OR ADDRESS THIS ITEM.)
- MORTGAGES RETURNED HEREIN. (-1-)
MORTGAGE MADE BY JEFF BREEDING AND SHERELINE BREEDING, HIS WIFE TO THE BANK OF WHITESBURG, A CORPORATION DOING BUSINESS UNDER THE LAWS OF KENTUCKY IN THE SUM OF \$35,000.00 DATED AS OF 3/4/1983 RECORDED 3/9/1983 IN BOOK 99 PAGE 24. NOTE: THIS MORTGAGE WILL BE OF NO AFFECT, IN THAT THE MATURITY DATE WAS MARCH 4, 1993 AND THEREFORE BY KENTUCKY'S FIFTEEN (15) YEAR STATUTE OF LIMITATIONS AFTER THE MATURITY DATE OF THE MORTGAGE MAKES IT NULL AND VOID. NEVERTHELESS, THIS MORTGAGE IS STILL UNRELEASED. (MORTGAGE AS RECORDED IN BOOK 99, PAGE 24, IS NULL AND VOID SO IT NO LONGER AFFECTS THE PARENT PARCEL (062-00-00-035.00, THE PROPOSED LEASE AREA OR THE PROPOSED ACCESS & UTILITY EASEMENT "A". IT DOES NOT AFFECT PARENT PARCEL (062-00-00-030.00) OR THE PROPOSED ACCESS EASEMENT "B".)
- ANY STATE OF FACTS WHICH AN ACCURATE SURVEY MIGHT SHOW OR SURVEY EXCEPTIONS SET FORTH HEREIN. (POD GROUP, LLC DID NOT PERFORM A BOUNDARY SURVEY, THEREFORE WE DID NOT ADDRESS THIS ITEM.)
- RIGHTS OF TENANTS OR PERSON IN POSSESSION. (NOT A SURVEY MATTER, THEREFORE POD GROUP, LLC DID NOT EXAMINE OR ADDRESS THIS ITEM.)
(JUDGMENTS, LIENS AND UCC)
- NOTICE OF JUDGMENT LIEN NOTED HEREUNDER IS PROVIDED FOR INFORMATIONAL PURPOSES ONLY. COMPANY MAKES NO DETERMINATION AS TO THE VALIDITY AND AFFECT UPON THE PREMISES HEREIN NOTED. CAVALRY SPV I, LLC, PLAINTIFF, V JAMES CORNETT, DEFENDANT, DATED AS OF 11/2/2017 RECORDED 11/6/2017 IN BOOK 68 PAGE 479. (NOT A SURVEY MATTER, THEREFORE POD GROUP, LLC DID NOT EXAMINE OR ADDRESS THIS ITEM.)
- NOTICE OF JUDGMENT LIEN ON REAL ESTATE NOTED HEREUNDER IS PROVIDED FOR INFORMATIONAL PURPOSES ONLY. COMPANY MAKES NO DETERMINATION AS TO THE VALIDITY AND AFFECT UPON THE PREMISES HEREIN NOTED. JAMES CORNETT AKA JAMES V CORNETT, DEBTOR, V FORD MOTOR CREDIT COMPANY LLC, FORMERLY FORD MOTOR CREDIT COMPANY, SECURED PARTY, DATED AS OF 11/5/2014 RECORDED 11/10/2014 IN BOOK 64 PAGE 525. (NOT A SURVEY MATTER, THEREFORE POD GROUP, LLC DID NOT EXAMINE OR ADDRESS THIS ITEM.)
(COVENANTS/RESTRICTIONS)
- NONE WITHIN PERIOD SEARCHED
(EASEMENTS AND RIGHTS OF WAY)
- RIGHT OF WAY BY SQUIRE B. WATTS AND KATIE WATTS, HIS WIFE TO KENTUCKY WEST VIRGINIA GAS COMPANY (INCORPORATED), DATED 5/20/1975 RECORDED 5/20/1975 IN BOOK 243 PAGE 109. NOTES: GAS OR OIL PIPELINE. (RIGHT OF WAY AS RECORDED IN BOOK 243, PAGE 109 CANNOT BE PLOTTED, THE RIGHT OF INGRESS & EGRESS IS BLANKET IN NATURE, THEREFORE IT DOES AFFECT THE PARENT PARCEL, PROPOSED LEASE AREA AND THE PROPOSED ACCESS & UTILITY EASEMENT "A" BUT DOES NOT AFFECT PARENT PARCEL (062-00-00-030.00) OR THE PROPOSED ACCESS EASEMENT "B".)
- AGREEMENT BY ALLARD WATTS AND ANNIE C. WATTS, HIS WIFE TO RAY RESOURCES, DIVISION OF FLYING DIAMOND OIL CORPORATION, A UTAH 9/23/1977 IN BOOK 9 PAGE 259. NOTES: GAS PIPELINES. (THE AGREEMENT AS RECORDED IN BOOK 9, PAGE 259 CANNOT BE PLOTTED, THE RIGHT OF INGRESS & EGRESS IS BLANKET IN NATURE, THEREFORE IT DOES AFFECT THE PARENT PARCEL, PROPOSED LEASE AREA AND THE PROPOSED ACCESS & UTILITY EASEMENT "A" BUT DOES NOT AFFECT THE PROPOSED ACCESS EASEMENT "B".)
- RIGHT OF WAY BY ALLARD WATTS AND ANNIE C. WATTS, HIS WIFE TO RAY RESOURCES, DIVISION OF FLYING DIAMOND OIL CORPORATION, DATED 9/15/1977 RECORDED 9/23/1977 IN BOOK 230 PAGE 22. NOTES: GAS PIPELINES. (RIGHT OF WAY AS RECORDED IN BOOK 230, PAGE 22 CANNOT BE PLOTTED, THE RIGHT OF INGRESS & EGRESS IS BLANKET IN NATURE, THEREFORE IT DOES AFFECT THE PARENT PARCEL, PROPOSED LEASE AREA AND THE PROPOSED ACCESS & UTILITY EASEMENT "A" BUT DOES NOT AFFECT PARENT PARCEL (062-00-00-030.00) OR THE PROPOSED ACCESS EASEMENT "B".)
- (OTHER FILED DOCUMENTS)
- OIL AND GAS LEASE BETWEEN SQUIRE B. WATTS AND KATY WATTS, HIS WIFE AND W. E. ELLIOTT DATED 1/5/1972 RECORDED 1/25/1972 IN BOOK 13 PAGE 641. (LEASE AS RECORDED IN BOOK 133, PAGE 641 IS BLANKET IN NATURE, THEREFORE IT DOES AFFECT THE PARENT PARCEL, PROPOSED LEASE AREA AND THE PROPOSED ACCESS & UTILITY EASEMENT "A" BUT DOES NOT AFFECT PARENT PARCEL (062-00-00-030.00) OR THE PROPOSED ACCESS EASEMENT "B".)
- LEASE BETWEEN ALLARD WATTS AND ANNA WATTS, HIS WIFE AND GLOBE COAL CO., INC., A KENTUCKY CORPORATION DATED 6/18/1976 RECORDED 6/21/1976 IN BOOK 16 PAGE 319. (LEASE AS RECORDED IN BOOK 16, PAGE 319 IS BLANKET IN NATURE, THEREFORE IT DOES AFFECT THE PARENT PARCEL, PROPOSED LEASE AREA AND THE PROPOSED ACCESS & UTILITY EASEMENT "A" BUT DOES NOT AFFECT PARENT PARCEL (062-00-00-030.00) OR THE PROPOSED ACCESS EASEMENT "B".)
- LEASE BETWEEN SQUIRE WATTS AND KATY WATTS, HIS WIFE AND GLOBE COAL CO., INC., A KENTUCKY CORPORATION DATED 12/22/1976 RECORDED 12/27/1976 IN BOOK 17 PAGE 139. (LEASE AS RECORDED IN BOOK 17, PAGE 139 IS BLANKET IN NATURE, THEREFORE IT DOES AFFECT THE PARENT PARCEL, PROPOSED LEASE AREA AND THE PROPOSED ACCESS & UTILITY EASEMENT "A" BUT DOES NOT AFFECT THE PROPOSED ACCESS EASEMENT "B".)
- LEASE BETWEEN BEULAH WHITAKE AND WILLIS WHITAKER, HER HUSBAND AND SQUIRE WATTS AND KATY WATTS, HIS WIFE AND GLOBE COAL CO., INC., A KENTUCKY CORPORATION DATED 12/13/1976 RECORDED 12/29/1976 IN BOOK 17 PAGE 152. (LEASE AS RECORDED IN BOOK 17, PAGE 152 IS BLANKET IN NATURE, THEREFORE IT DOES AFFECT THE PARENT PARCEL, PROPOSED LEASE AREA AND THE PROPOSED ACCESS & UTILITY EASEMENT "A" BUT DOES NOT AFFECT PARENT PARCEL (062-00-00-030.00) OR THE PROPOSED ACCESS EASEMENT "B".)
- OIL AND GAS LEASE BETWEEN JAMES C. CORNETT AND JOSEPHINE CORNETT, HIS WIFE AND EQUITABLE RESOURCES EXPLORATION A DIVISION OF EQUITABLE RESOURCES ENERGY COMPANY DATED 8/8/1992 RECORDED 9/24/1992 IN BOOK 39 PAGE 453. (LEASE AS RECORDED IN BOOK 16, PAGE 319 IS BLANKET IN NATURE, THEREFORE IT DOES AFFECT THE PARENT PARCEL, PROPOSED LEASE AREA AND THE PROPOSED ACCESS & UTILITY EASEMENT "A" BUT DOES NOT AFFECT PARENT PARCEL (062-00-00-030.00) OR THE PROPOSED ACCESS EASEMENT "B".)

PARENT PARCEL, LEGAL DESCRIPTION, DEED BOOK 440, PAGE 500 (NOT FIELD SURVEYED)

PARCEL I:

TRACT I

BEGINNING ON A STEEL STAKE ON HIGHWAY 1103 RIGHT OF WAY; THENCE ACROSS THE BOTTOM IN A STRAIGHT LINE TO A STEEL STAKE, WITNESS A WHITE WALNUT TREE; THENCE DOWN LINE FORK CREEK IN A STRAIGHT LINE FOR 81 FEET TO A STEEL STAKE ON WENDELL WHITAKER LINE; THENCE IN A STRAIGHT LINE TOWARD THE HIGHWAY AND TO A STEEL STAKE ON HIGHWAY 1103 RIGHT OF WAY; THENCE IN A STRAIGHT LINE WITH HIGHWAY RIGHT OF WAY BACK TO THE BEGINNING.

TRACT II

A CERTAIN TRACT OR PARCEL OF LAND LYING IN LETCHER COUNTY, KENTUCKY, AND DESCRIBED AS FOLLOWS: BEGINNING ON A STEEL STAKE ABOVE A SYCAMORE TREE ON THE ALLARD WATTS AND SQUIRE WATTS LINE; THENCE IN A STRAIGHT LINE UP THE HILL TO THE TOP OF HILL AND A STEEL STAKE; THENCE RUNNING WITH THE TOP OF HILL WITH BRYAN WATTS LINE TO A STEEL STAKE ON VIRGIL WHITAKER LINE; THENCE DOWN THE HILL IN A STRAIGHT LINE WITH DEEP HOLLOW TO A STEEL STAKE ON VIRGIL WHITAKER LINE; THENCE IN A STRAIGHT LINE BACK UP THE BRANCH TO THE BEGINNING.

TRACT III FIRST TRACT:

BEGINNING AT A STAKE ON THE WEST SIDE OF HIGHWAY NO. 1103; THENCE A STRAIGHT LINE ACROSS BOTTOM TO A WHITE WALNUT TREE; THENCE A STRAIGHT LINE TO THE LINEFORK CREEK; THENCE FOLLOWING LINEFORK CREEK IN A SOUTHEAST DIRECTION TO MANUS ISON AND MARY ISON PROPERTY LINE; THENCE FOLLOWING MANUS ISON AND MARY ISON'S LINE IN AN EASTERN DIRECTION TO KENTUCKY HIGHWAY NO. 1103; THENCE FOLLOWING KENTUCKY HIGHWAY PROPERTY LINE IN A NORTHERN DIRECTION TO THE BEGINNING STAKE.

SECOND TRACT:

BEGINNING AT A POINT WHERE KENTUCKY HIGHWAY 1103 AND CEDAR GROVE SCHOOL HOUSE PROPERTY INTERSECT; THENCE FOLLOWING LINE BETWEEN CEDAR GROVE SCHOOL HOUSE PROPERTY TO A POINT ONE HUNDRED AND NINETY FEET AROUND MOUNTAIN IN A NORTHERN COURSE TO A POINT; THENCE DOWN HILL ONE HUNDRED AND NINETY FEET IN A WESTERN COURSE TO A CULVERT UNDER KY. HIGHWAY 1103; THENCE FOLLOWING KENTUCKY HIGHWAY 1103 TO THE BEGINNING POINT. THIS LOT SHALL BE ONE HUNDRED NINETY FEET SQUARE.

PARCEL II:

A CERTAIN TRACT OR PARCEL OF LAND SITUATED ON WATERS OF LINE FORK IN LETCHER COUNTY ON THE PALL BRANCH THAT RUNS IN WHERE THOMAS WATTS NOW LIVES AND BOUNDED AS FOLLOWS, TO WIT:

BEGINNING ON A BEECH AT THE OLD SUGAR PRANNIS ON SAID BRANCH A HALF MILE AND MORE FROM ITS MOUTH; THENCE RUNNING STRAIGHT UP THE HILL ON THE LEFT HAND SIDE TO THE TOP OF THE RIDGE TO THE HEAD OF THE BRANCH AND WITH THE TOP AROUND THE HEAD OF SAID BRANCH AND DOWN THE OTHER SIDE OPPOSITE THE BEGINNING; THENCE STRAIGHT DOWN TO THE BEGINNING SO AS TO CONTAIN ALL THE LANDS OWNED BY US IN SAID BOUNDARY CONTAINING ONE HUNDRED ACRES, MORE OR LESS. BEING THE SAME PROPERTY CONVEYED TO JOSEPHINE CORNETT AND JAMES C. CORNETT, HER HUSBAND, BY KAREN CORNETT, BY DEED DATED DECEMBER 20, 2000, AND RECORDED IN DEED BOOK 352, PAGE 80, RECORDS OF THE LETCHER COUNTY COURT CLERK'S OFFICE.



LAND SURVEYOR'S CERTIFICATE

I, MARK E. PATTERSON, HEREBY CERTIFY THAT I AM A LICENSED PROFESSIONAL LAND SURVEYOR LICENSED IN COMPLIANCE WITH THE LAWS OF THE COMMONWEALTH OF KENTUCKY. I FURTHER CERTIFY THAT THIS PLAT AND THE SURVEY ON THE GROUND WERE PERFORMED BY PERSONS UNDER MY DIRECT SUPERVISION, AND THAT THE DIRECTIONAL AND LINEAR MEASUREMENTS BEING WITNESSED BY MONUMENTS SHOWN HEREON ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE. THE "RURAL" SURVEY, AND THE PLAT ON WHICH IT IS BASED, MEETS ALL SPECIFICATIONS AS STATED IN KAR 201 18:150.

Mark Patterson 11/24/2020
MARK PATTERSON, PLS #3136 DATE



REVISIONS

REV.	DATE	DESCRIPTION
A	7.15.20	PRELIM ISSUE WITH TITLE
B	9.23.20	TITLE LINES / ESMT "B"
C	10.23.20	REVISED EASEMENT "B"
D	11.17.20	REVISED EASEMENT "B"
0	11.24.20	ISSUED AS FINAL

SITE INFORMATION:

HALLIE
KENTUCKY HIGHWAY 1103
HALLIE, KY 41821
LETCHER COUNTY
TAX PARCEL NUMBER:
062-00-00-035.00
(LEASE AREA & EASEMENT "A")
062-00-00-030.03
(EASEMENT "B")
PROPERTY OWNER:
KAREN YVONNE CORNETT
225 HOOT OWL HOLLOW
HALLIE, KY 41821
(LEASE AREA & EASEMENT "A")
KEVIN & MELINDA ELDRIDGE
5341 HWY 1103
HALLIE, KY 41821
(EASEMENT "B")
SOURCE OF TITLES:
SEE FACE OF PLAT

SITE NUMBER:
KYLO6069

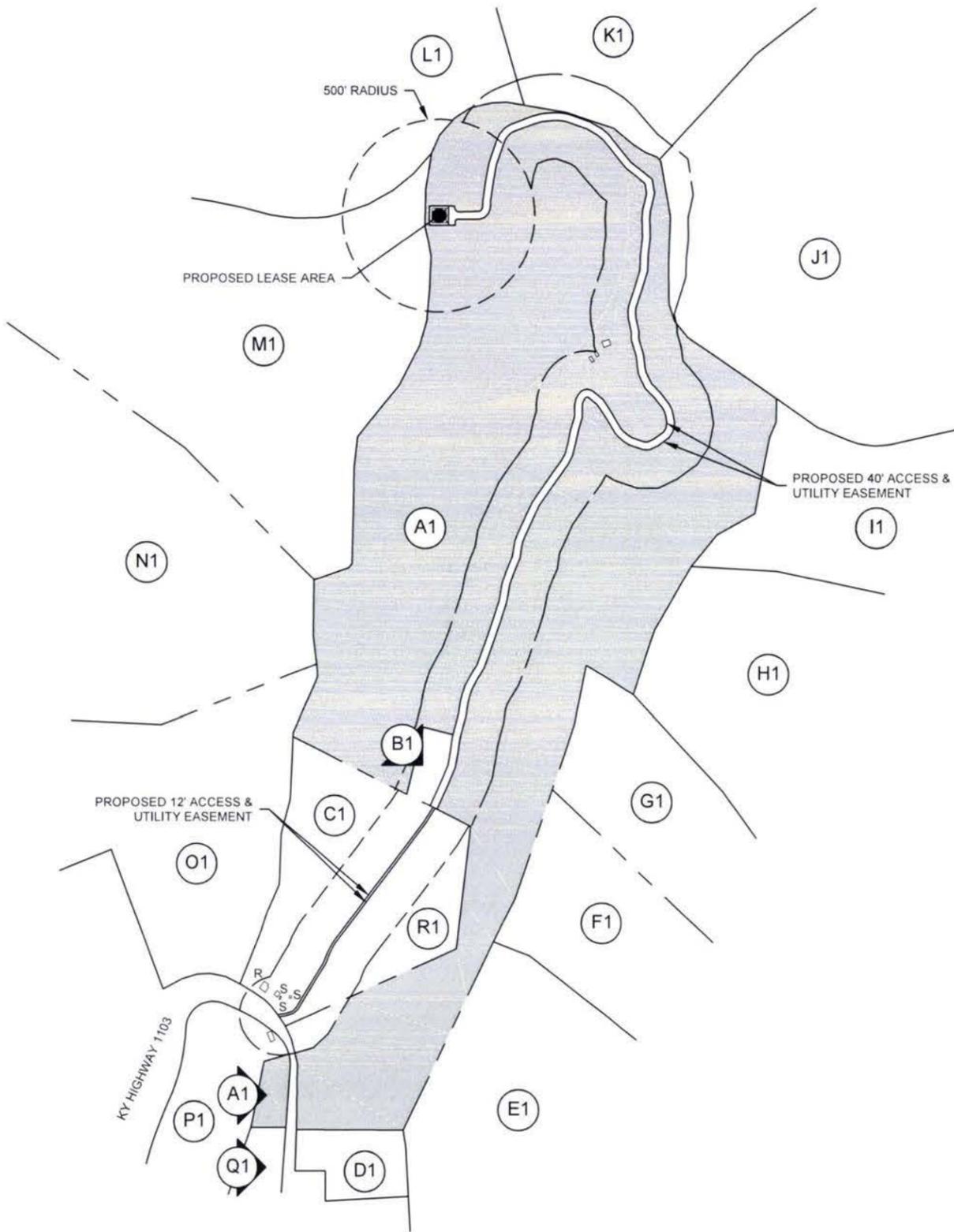
POD NUMBER: 20-59854
DRAWN BY: JRS\DA
CHECKED BY: MEP
SURVEY DATE: 6.23.20
PLAT DATE: 7.15.20

SHEET TITLE:

SITE SURVEY
THIS DOES NOT REPRESENT A
BOUNDARY SURVEY OF THE
PARENT PARCEL

SHEET NUMBER: (12 pages)

B-1.11



500' RADIUS AND ABUTTERS MAP
11"x17" SCALE: 1"=750'-0"

GENERAL NOTES:

1. ALL INFORMATION SHOWN HERON WAS OBTAINED FROM THE INFORMATION DESCRIBED AND RECORDED FROM DEED BOOKS IN THE COUNTY CLERK'S OFFICE, ON 11/30/20 AND RE-VERIFIED ON 12/30/20. THE PROPERTY VALUATION ADMINISTRATION RECORDS MAY NOT REFLECT THE CURRENT OWNERS AND ADDRESSES DUE TO THE COUNTY PROPERTY VALUATION ADMINISTRATION EXPRESSLY DISCLAIMS ANY WARRANTY FOR THE CONTENT AND ANT ERRORS CONTAINED IN THEIR FILES.
2. THIS MAP IS FOR GENERAL INFORMATIONAL PURPOSES ONLY AND IS NOT A BOUNDARY SURVEY
3. NOT FOR RECORDING OR PROPERTY TRANSFER

<p>A1 PARCEL ID: 062-00-00-035.00 CORNETT KAREN YVONNE 225 HOOT OWL HOLLOW HALLIE KENTUCKY 41821 KENTUCKY WEST VIRGINIA GAS CO P O BOX 6135 PETERSBURG, PA 15212</p> <p>B1 PARCEL ID: 062-00-00-028.00 ELDRIDGE JEWELL DEAN 1206 LONG BRANCH HALLIE KY 41821</p> <p>C1 PARCEL ID: 062-00-00-030.03 ELDRIDGE KEVIN & MELINDA 5341 HWY 1103 HALLIE KENTUCKY 41821</p> <p>D1 PARCEL ID: 062-00-00-036.00 ISON MANUS & MARY C/O CHERYL BRADLEY 526 BURTON HILL LETCHER KENTUCKY 41858</p> <p>E1 PARCEL ID: 062-00-00-042.00 JENT JAMES E & NORMA 41 TOLBY BRANCH HALLIE KY 41821</p> <p>F1 PARCEL ID: 062-00-00-044.00 STALLARD JR WILLIAM BOYD 192 TOLBY BRANCH HALLIE KY 41821</p> <p>G1 PARCEL ID: 062-00-00-046.00 WHITAKER RICHARD AND NANCY 318 TOLBY BR HALLIE KY 41821</p> <p>H1 PARCEL ID: 062-00-00-049.00 WHITAKER HUBERT C/O RICHARD WHITAKER 318 TAULBEE BRANCH HALLIE KY 41821</p> <p>I1 PARCEL ID: 062-00-00-053.00 GRIFFIE HASSEL BERTHA DAY 598 TOLBY BR HALLIE KY 41821</p> <p>J1 PARCEL ID: 062-00-00-017.00 CAUDILL GARY LEE & KATIE C P O BOX 277 BLACKKEY KENTUCKY 41804</p>	<p>K1 PARCEL ID: 062-00-00-015.00 CAUDILL BILL HEIRS 1120 OLD DIXON RD BLACKKEY KENTUCKY 41804</p> <p>L1 PARCEL ID: 062-00-00-003.00 WATTS T J -HEIRS- C/O MARTHA WATTS 984 TURKEY CREEK HALLIE KY 41821 WATTS HARRY 1278 HOOT OWL HOLLOW HALLIE KY 41821 WATTS J B 1278 HOOT OWL HOLLOW HALLIE KY 41821</p> <p>M1 PARCEL ID: 062-00-00-026.00 WATTS GEORGE ANN MRS C/O JAMES G WILLIAMS PO BOX 213 BLACKKEY KENTUCKY 41804</p> <p>N1 PARCEL ID: 062-00-00-025.00 WATTS CURTIS & VIOLA 6230 HWY 1103 HALLIE KY 41821</p> <p>O1 PARCEL ID: 062-00-00-024.00 FIELDS JAMES D AND GRETHEL 966 TOLBY BRANCH HALLIE KY 41821</p> <p>P1 PARCEL ID: 062-00-00-032.00 PRATT STEVEN & BARBARA 5300 HWY 1103 HALLIE, KY 41821</p> <p>Q1 PARCEL ID: 062-00-00-038.00 SPARKMAN DEVILLA & CHILDREN 18 CHANDLER DRIVE HALLIE KY 41821</p> <p>R1 PARCEL ID: 062-00-00-030.00 WATTS HARRY 1278 HOOT OWL HOLLOW HALLIE KY 41821</p> <p>EXISTING BUILDINGS B=BARN C=CHURCH G=GARAGE R=RESIDENCE S=SHED</p>
--	---



RAPHAEL MOHAMED, P.E.
KENTUCKY LIC. NO. 24429

SUBMITTALS

DATE	DESCRIPTION	REV	ISSUED BY
12/30/2020	CONSTRUCTION	0	RM

DRAWN BY: _____ CTS
CHECKED BY: _____ CZB
APPVD BY: _____ RM
MNS PROJECT NO: 21358

THE INFORMATION CONTAINED IN THESE DOCUMENTS IS PROPRIETARY BY NATURE. REPRODUCTION OR CAUSING TO BE REPRODUCED THE WHOLE OR ANY PART OF THESE DRAWINGS WITHOUT THE PERMISSION OF MASTEC NETWORK SOLUTIONS IS PROHIBITED.

PREPARED FOR:

PREPARED BY:

507 AIRPORT BLVD, SUITE 111
MORRISVILLE, NC 27560

SITE ID:
HALLIE

SITE NAME:
HALLIE

SITE ADDRESS:
**KENTUCKY HIGHWAY 1103
HALLIE, KY 41821**

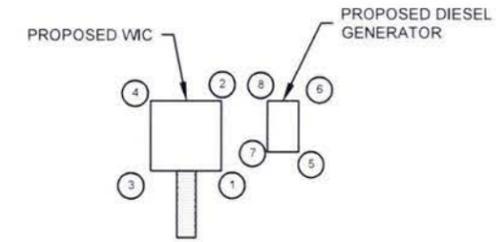
FA LOCATION:
13800689

SHEET TITLE
**500' RADIUS AND
ABUTTERS MAP**

SHEET NUMBER
M-1

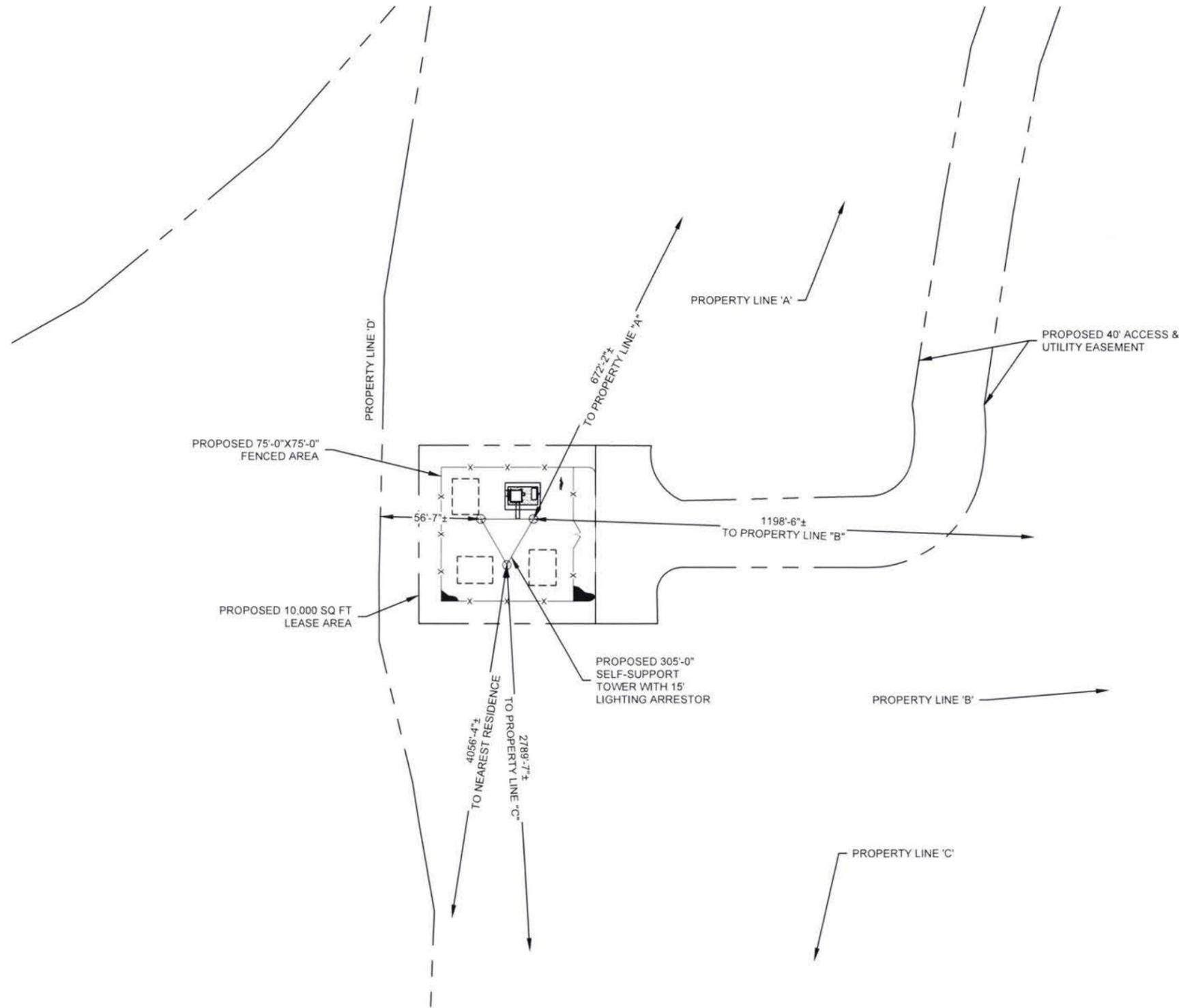
NOTES:

- TOTAL AREA TO BE DISTURBED WILL BE 35,000 SQFT OR LESS.



PROPERTY LINE	EQUIPMENT	DISTANCE
B	1	1182'±
A	2	661'±
C	3	2824'±
D	4	73'±
B	5	1174'±
A	6	656'±
C	7	2828'±
D	8	64'±

EQUIPMENT ENLARGMENT
NOT TO SCALE



12/30/2020
RAPHAEL MOHAMED, P.E.
KENTUCKY LIC. NO. 24429

SUBMITTALS

DATE	DESCRIPTION	REV	ISSUED BY
12/30/2020	CONSTRUCTION	0	RM

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PREPARED FOR:



PREPARED BY:



SITE ID:

HALLIE

SITE NAME:

HALLIE

SITE ADDRESS:

**KENTUCKY HIGHWAY 1103
HALLIE, KY 41821**

FA LOCATION:

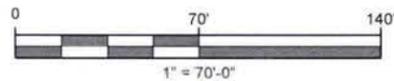
13800689

SHEET TITLE

OVERALL SITE LAYOUT

SHEET NUMBER

C-1



OVERALL SITE LAYOUT

11"x17" SCALE: 1" = 70'-0"





12/30/2020

RAPHAEL MOHAMED, P.E.
KENTUCKY LIC. NO. 24429

SUBMITTALS

DATE	DESCRIPTION	REV	ISSUED BY
12/30/2020	CONSTRUCTION	0	RM

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PREPARED FOR:



PREPARED BY:



SITE ID:

HALLIE

SITE NAME:

HALLIE

SITE ADDRESS:

**KENTUCKY HIGHWAY 1103
HALLIE, KY 41821**

FA LOCATION:

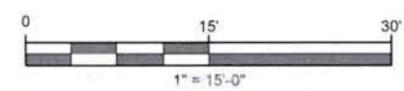
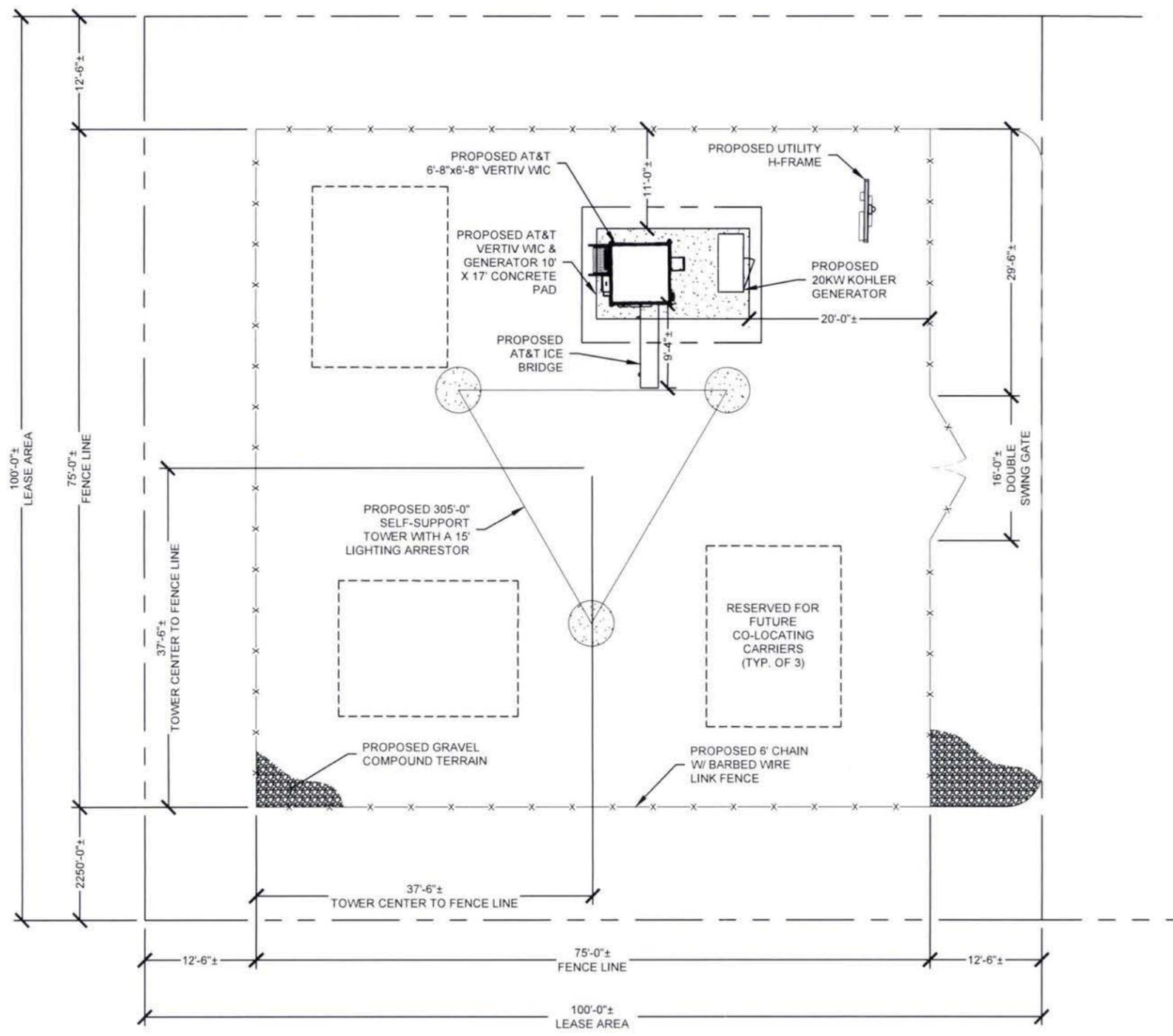
13800689

SHEET TITLE

COMPOUND LAYOUT

SHEET NUMBER

C-2

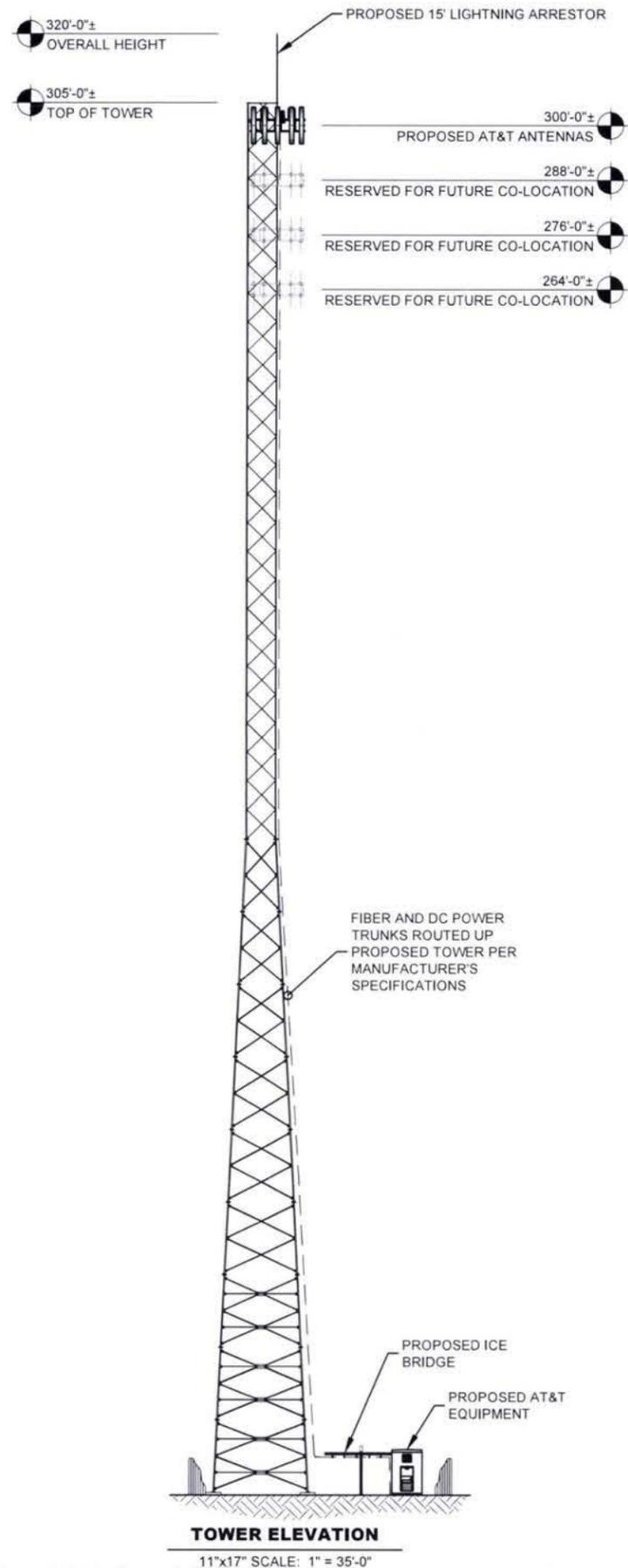


COMPOUND LAYOUT
11"x17" SCALE: 1" = 15'-0"



TOWER NOTES:

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



TOWER ELEVATION

11"x17" SCALE: 1" = 35'-0"



RAPHAEL MOHAMED, P.E.
KENTUCKY LIC. NO. 24429

12/30/2020

SUBMITTALS

DATE	DESCRIPTION	REV	ISSUED BY
12/30/2020	CONSTRUCTION	0	RM

DRAWN BY: CTS
 CHECKED BY: CZB
 APPVD BY: RM
 MNS PROJECT NO: 21358

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PREPARED FOR:



PREPARED BY:



SITE ID:

HALLIE

SITE NAME:

HALLIE

SITE ADDRESS:

**KENTUCKY HIGHWAY 1103
HALLIE, KY 41821**

FA LOCATION:

13800689

SHEET TITLE

TOWER ELEVATION

SHEET NUMBER

C-3

EXHIBIT C
TOWER AND FOUNDATION DESIGN



January 7, 2021

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

RE: Site Name – Hallie
Proposed Cell Tower
37 06 50.08 North Latitude, 83 00 03.54 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,

A handwritten signature in black ink, appearing to read "S. Sheehan".

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



Structural Design Report

305' S3TL Series HD1 Self-Supporting Tower

Site: Hallie, KY

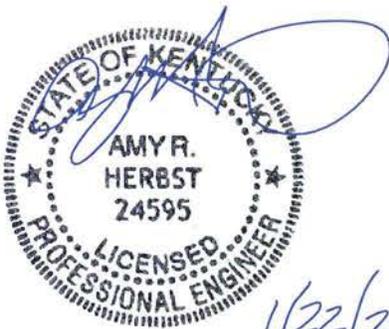
Site Number: FA# 13800689

Prepared for: AT&T
by: Sabre Industries™

Job Number: 474673

January 22, 2021

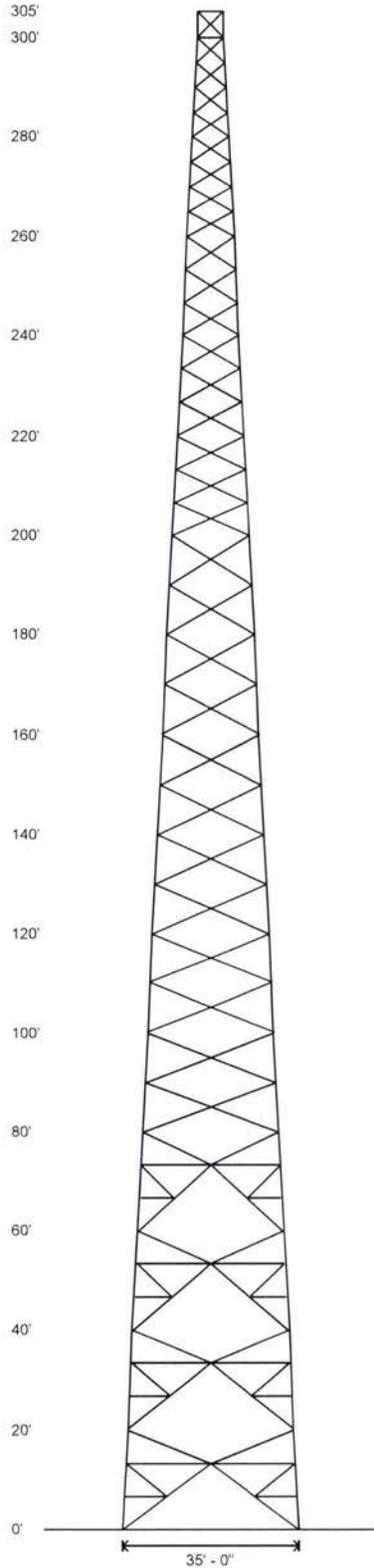
Tower Profile.....	1-2
Foundation Design Summary (Preliminary).....	3
Maximum Leg Loads.....	4
Maximum Diagonal Loads.....	5
Maximum Foundation Loads.....	6
Calculations.....	7-22



1/22/21

Digitally Signed By Amy R. Herbst
DN: c=US, st=Texas, l=Alvarado, o=SABRE INDUSTRIES, INC., cn=Amy R. Herbst,
email=arherbst@sabreindustries.com Date: 2021.01.22 13:35:30

Legs	12.75 OD X .500		12.75 OD X .375		8.625 OD X .500		5.563 OD X .500		A	B	C	D			
Diagonals	E	F	G	H	F	L 4 X 4 X 1/4	L 3 1/2 X 3 1/2 X 1/4	L 3 X 3 X 3/16	L 2 1/2 X 2 1/2 X 3/16	L 2 X 2 X 1/8					
Horizontals	F	J	G	K	K	NONE	NONE	NONE							
Internals	K	J	M	J	M	NONE	NONE	NONE							
Sub-Diagonals	M	J	N	J	N	NONE	NONE	NONE							
Sub-Horizontals	M	J	O	J	P	NONE	NONE	NONE							
Brace Bolts	(2) 3/4"		(2) 5/8"		(1) 3/4"		(1) 5/8"								
Top Face Width	33'	31'	29'	27'	25'	23'	21'	19'	17'	15'	13'	11'	9'	7'	5'
Panel Count/Height	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	Q	R	S
Section Weight	8865	8354	6947	7009	6030	5877	4518	4654	4459	3145	2849	2211	1762	1062	



Designed Appurtenance Loading

Elev	Description	Tx-Line
310	(1) Extendible Lightning Rod	
300	(1) 278 sq. ft. EPA 6000# (no Ice)	(18) 1 5/8"
288	(1) 208 sq. ft. EPA 4000# (no ice)	(18) 1 5/8"
276	(1) 208 sq. ft. EPA 4000# (no ice)	(18) 1 5/8"
264	(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	1.00 in
Risk Category	II
Exposure Category	B
Topographic Factor Procedure	Method 1 (Simplified)
Topographic Category	3
Crest Height	555 ft
Ground Elevation	1806 ft

Base Reactions

Total Foundation		Individual Footing	
Shear (kips)	125.73	Shear (kips)	75.35
Axial (kips)	271.4	Compression (kips)	757
Moment (ft-kips)	21658	Uplift (kips)	652
Torsion (ft-kips)	76.11		

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 2018 Kentucky Building Code.
- 11) Tower Rating: 99.13%

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

Information contained herein is the sole property of Sabre Communications Corporation, constitutes a trade secret as defined by Iowa Code Ch. 550 and shall not be reproduced, copied or used in whole or part for any purpose whatsoever without the prior written consent of Sabre Communications Corporation.

Job: **474673**

Customer: AT&T

Site Name: Hallie, KY FA# 13800689

Description: 305' S3TL

Date: 1/22/2021 By: ARH

Material List

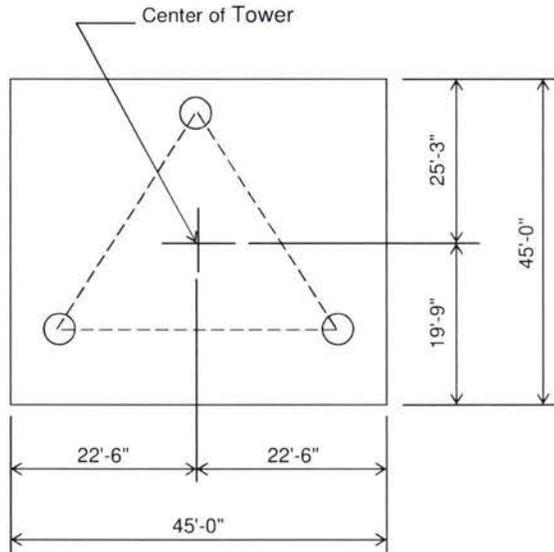
Display	Value
A	5.563 OD X .375
B	4.000 OD X .318
C	3.500 OD X .216
D	2.375 OD X .154
E	L 5 X 3 1/2 X 1/4 (SLV)
F	L 4 X 4 X 5/16
G	L 4 X 4 X 1/4
H	L 5 X 3 1/2 X 5/16 (SLV)
I	L 3 X 3 X 5/16
J	NONE

Display	Value
K	L 3 1/2 X 3 1/2 X 1/4
L	L 2 X 2 X 1/8
M	L 3 X 3 X 1/4
N	L 3 X 3 X 3/16
O	L 2 1/2 X 2 1/2 X 1/4
P	L 2 1/2 X 2 1/2 X 3/16
Q	1 @ 13.333'
R	1 @ 6.667'
S	249

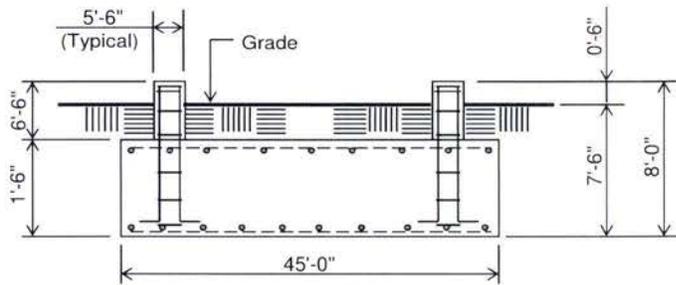
 <p>Sabre Industries 7101 Southbridge Drive P.O. Box 658 Sioux City, IA 51102-0658 Phone: (712) 258-6690 Fax: (712) 279-0814</p> <p><small>Information contained herein is the sole property of Sabre Communications Corporation, constitutes a trade secret as defined by Iowa Code Ch. 550 and shall not be reproduced, copied or used in whole or part for any purpose whatsoever without the prior written consent of Sabre Communications Corporation.</small></p>	<p>Sabre Industries 7101 Southbridge Drive P.O. Box 658 Sioux City, IA 51102-0658 Phone: (712) 258-6690 Fax: (712) 279-0814</p>	<p>Job: 474673</p> <p>Customer: AT&T</p> <p>Site Name: Hallie, KY FA# 13800689</p> <p>Description: 305' S3TL</p> <p>Date: 1/22/2021 By: ARH</p>
---	--	--

Customer: AT&T
Site: Hallie, KY FA# 13800689
305 ft. Model S3TL Series HD1 Self Supporting Tower

PRELIMINARY - NOT FOR CONSTRUCTION



PLAN VIEW



ELEVATION VIEW

(129.7 cu. yds.)
(1 REQD.; NOT TO SCALE)

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

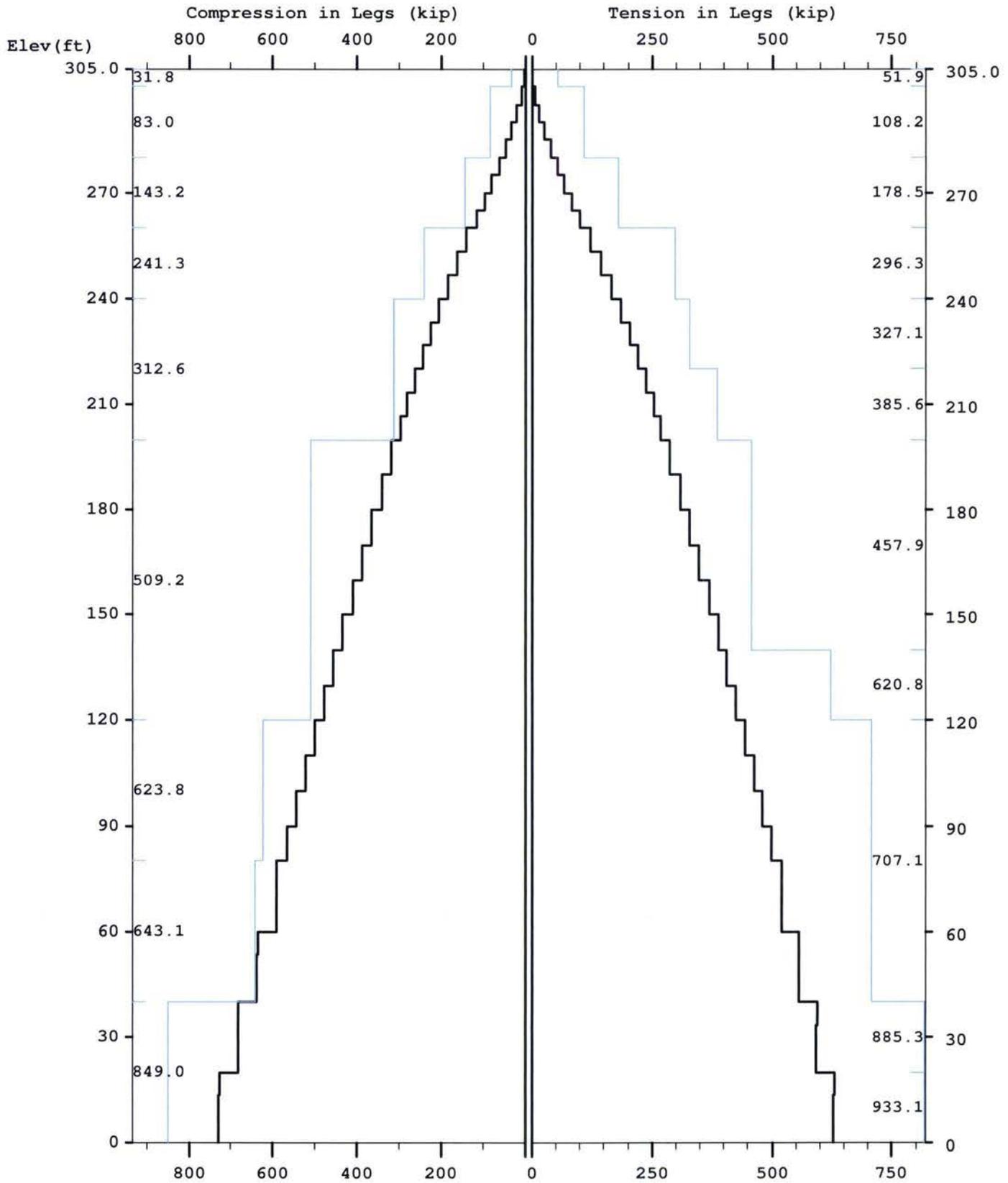
Notes:

- 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 the geotechnical desktop review by Delta Oaks Group; project# GEO20-07710-19 Revision 0; dated December 28, 2020. The information in the report is for preliminary design consideration only. A site-specific subsurface investigation at the tower location must be performed prior to construction.
- 6) See the geotechnical report for compaction requirements, if specified.
- 7) 6" of soil cover is required over the entire area of the foundation slab.
- 8) The bottom anchor bolt template shall be positioned as closely as possible to the bottom of the anchor bolts.

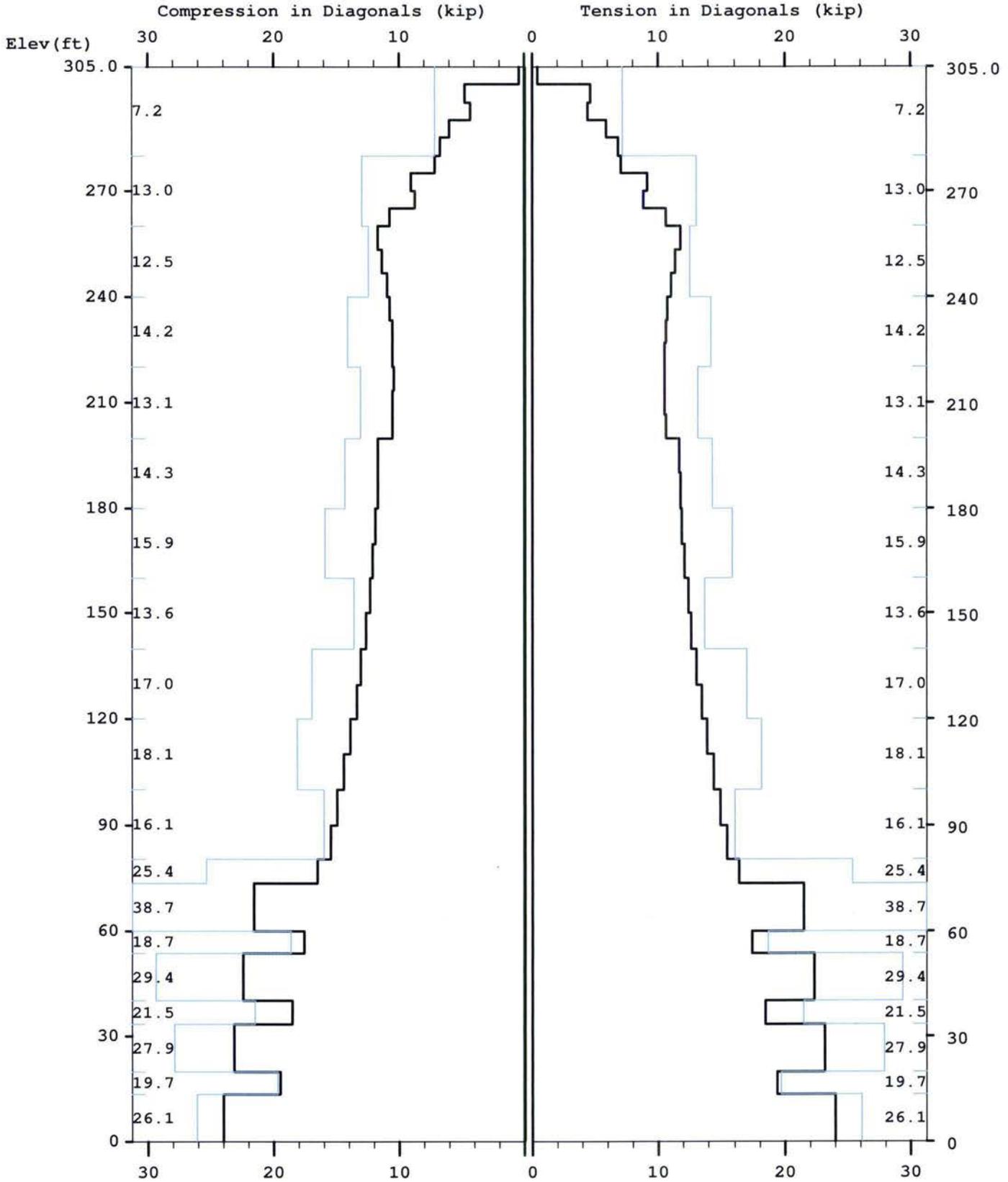
Rebar Schedule per Mat and per Pier	
Pier	(32) #7 vertical rebar w/ hooks at bottom w/ #4 rebar ties, two (2) within top 5" of pier then 4" C/C
Mat	(80) #10 horizontal rebar evenly spaced each way top and bottom. (320 total)
Anchor Bolts per Leg	
(6) 1.75" dia. x 87" F1554-105 on a 18" B.C. w/ 10.5" max. projection above concrete.	

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Maximum

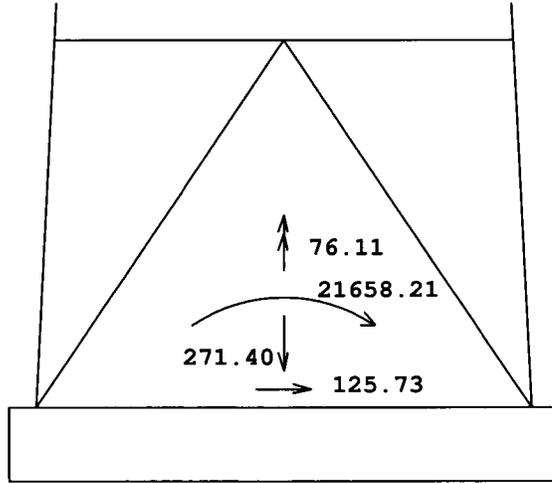


Maximum

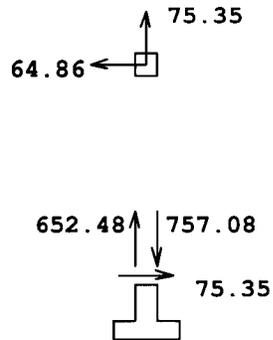


Maximum

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	300.00	305.00	5.00	5.00	5.00
X	3	295.00	300.00	5.50	5.00	5.00
X	3	280.00	295.00	7.00	5.50	5.00
X	3	260.00	280.00	9.00	7.00	5.00
X	3	240.00	260.00	11.00	9.00	6.67
X	3	220.00	240.00	13.00	11.00	6.67
X	3	200.00	220.00	15.00	13.00	6.67
X	3	180.00	200.00	17.00	15.00	10.00
X	3	160.00	180.00	19.00	17.00	10.00
X	3	140.00	160.00	21.00	19.00	10.00
X	3	120.00	140.00	23.00	21.00	10.00
X	3	100.00	120.00	25.00	23.00	10.00
X	3	80.00	100.00	27.00	25.00	10.00
V	3	73.33	80.00	27.67	27.00	6.67
A	3	60.00	73.33	29.00	27.67	13.33
V	3	53.33	60.00	29.67	29.00	6.67
A	3	40.00	53.33	31.00	29.67	13.33
V	3	33.33	40.00	31.67	31.00	6.67
A	3	20.00	33.33	33.00	31.67	13.33
V	3	13.33	20.00	33.67	33.00	6.67
A	3	0.00	13.33	35.00	33.67	13.33

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	300.00	305.00	1.075	0.787	29000.	0.0000117
LE	280.00	300.00	2.228	0.787	29000.	0.0000117
LE	260.00	280.00	3.678	0.787	29000.	0.0000117
LE	240.00	260.00	6.111	0.787	29000.	0.0000117
LE	200.00	240.00	7.952	0.787	29000.	0.0000117
LE	120.00	200.00	12.763	0.787	29000.	0.0000117
LE	40.00	120.00	14.579	0.787	29000.	0.0000117
LE	0.00	40.00	19.242	0.787	29000.	0.0000117
DI	280.00	305.00	0.484	0.626	29000.	0.0000117
DI	240.00	280.00	0.902	0.626	29000.	0.0000117
DI	200.00	240.00	1.090	0.626	29000.	0.0000117
DI	180.00	200.00	1.777	0.626	29000.	0.0000117
DI	140.00	180.00	1.688	0.626	29000.	0.0000117
DI	80.00	140.00	1.938	0.626	29000.	0.0000117
DI	73.33	80.00	2.402	0.626	29000.	0.0000117
DI	60.00	73.33	2.559	0.626	29000.	0.0000117
DI	53.33	60.00	1.938	0.626	29000.	0.0000117
DI	40.00	53.33	2.062	0.626	29000.	0.0000117
DI	33.33	40.00	2.402	0.626	29000.	0.0000117
DI	20.00	33.33	2.062	0.626	29000.	0.0000117
DI	13.33	20.00	2.402	0.626	29000.	0.0000117
DI	0.00	13.33	2.062	0.626	29000.	0.0000117
HO	295.00	305.00	0.484	0.626	29000.	0.0000117
HO	60.00	73.33	1.688	0.626	29000.	0.0000117
HO	40.00	53.33	1.938	0.626	29000.	0.0000117
HO	20.00	33.33	1.938	0.626	29000.	0.0000117
HO	0.00	13.33	2.402	0.626	29000.	0.0000117
BR	60.00	73.33	1.438	0.000	29000.	0.0000117
BR	40.00	53.33	1.438	0.000	29000.	0.0000117
BR	20.00	33.33	1.688	0.000	29000.	0.0000117
BR	0.00	13.33	1.688	0.000	29000.	0.0000117

FACTORED MEMBER RESISTANCES

BOTTOM ELEV ft	TOP ELEV ft	LEGS		DIAGONALS		HORIZONTALS		INT BRACING	
		COMP kip	TENS kip	COMP kip	TENS kip	COMP kip	TENS kip	COMP kip	TENS kip

300.0	305.0	31.84	51.90	7.16	7.16	7.16	7.16	0.00	0.00
295.0	300.0	83.04	108.15	7.16	7.16	7.16	7.16	0.00	0.00
280.0	295.0	83.04	108.15	7.16	7.16	0.00	0.00	0.00	0.00
260.0	280.0	143.18	178.48	13.03	13.03	0.00	0.00	0.00	0.00
240.0	260.0	241.28	296.33	12.47	12.47	0.00	0.00	0.00	0.00
220.0	240.0	312.59	327.10	14.17	14.17	0.00	0.00	0.00	0.00
200.0	220.0	312.59	385.58	13.10	13.10	0.00	0.00	0.00	0.00
180.0	200.0	509.22	457.90	14.30	14.30	0.00	0.00	0.00	0.00
160.0	180.0	509.22	457.90	15.88	15.88	0.00	0.00	0.00	0.00
140.0	160.0	509.22	457.90	13.59	13.59	0.00	0.00	0.00	0.00
120.0	140.0	509.22	620.80	17.02	17.02	0.00	0.00	0.00	0.00
100.0	120.0	623.79	707.13	18.13	18.13	0.00	0.00	0.00	0.00
80.0	100.0	623.79	707.13	16.06	16.06	0.00	0.00	0.00	0.00
73.3	80.0	643.10	707.13	25.37	25.37	0.00	0.00	0.00	0.00
60.0	73.3	643.10	707.13	38.66	38.66	14.39	14.39	9.39	9.39
53.3	60.0	643.10	707.13	18.66	18.66	0.00	0.00	0.00	0.00
40.0	53.3	643.10	707.13	29.38	29.38	17.72	17.72	8.35	8.35
33.3	40.0	848.95	885.31	21.51	21.51	0.00	0.00	0.00	0.00
20.0	33.3	848.95	885.31	27.91	27.91	15.93	15.93	11.41	11.41
13.3	20.0	848.95	933.14	19.72	19.72	0.00	0.00	0.00	0.00
0.0	13.3	848.95	933.14	26.07	26.07	17.88	17.88	10.31	10.31

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 * 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
 =====

LOAD TYPE	ELEV ft	APPLY.. RADIUS ft	LOAD.. AZI	AT AZIFORCES.....	MOMENTS.....	
					HORIZ kip	DOWN kip	VERTICAL ft-kip	TORSNAL ft-kip
C	310.0	0.00	0.0	0.0	0.21	0.15	0.00	0.00
C	300.0	0.00	0.0	0.0	9.70	7.20	0.00	0.00
C	288.0	0.00	0.0	0.0	7.30	4.80	0.00	0.00
C	276.0	0.00	0.0	0.0	7.30	4.80	0.00	0.00
C	264.0	0.00	0.0	0.0	7.31	4.80	0.00	0.00
D	305.0	0.00	180.0	0.0	0.07	0.04	0.00	0.00
D	300.0	0.00	180.0	0.0	0.07	0.04	0.00	0.00
D	300.0	0.00	37.4	0.0	0.14	0.08	0.06	0.10
D	290.0	0.00	39.8	0.0	0.14	0.08	0.06	0.10
D	290.0	0.00	62.7	0.0	0.16	0.09	0.06	0.11
D	285.0	0.00	62.7	0.0	0.16	0.09	0.06	0.11
D	285.0	0.00	76.7	0.0	0.17	0.10	0.06	0.12
D	280.0	0.00	76.7	0.0	0.17	0.10	0.06	0.12
D	280.0	0.00	76.1	0.0	0.19	0.15	0.06	0.11
D	275.0	0.00	76.1	0.0	0.19	0.15	0.06	0.11
D	275.0	0.00	95.5	0.0	0.22	0.17	0.05	0.05
D	265.0	0.00	98.0	0.0	0.22	0.17	0.04	0.05
D	265.0	0.00	307.8	0.0	0.23	0.19	0.02	0.03
D	260.0	0.00	307.8	0.0	0.23	0.19	0.02	0.03
D	260.0	0.00	300.0	0.0	0.23	0.22	0.04	0.02
D	240.0	0.00	300.0	0.0	0.24	0.22	0.04	0.02
D	240.0	0.00	300.0	0.0	0.25	0.26	0.04	0.02
D	200.0	0.00	300.0	0.0	0.27	0.27	0.04	0.02
D	200.0	0.00	300.0	0.0	0.26	0.34	0.04	0.02
D	180.0	0.00	300.0	0.0	0.27	0.35	0.04	0.02
D	180.0	0.00	300.0	0.0	0.28	0.35	0.04	0.02
D	140.0	0.00	300.0	0.0	0.29	0.36	0.04	0.02
D	140.0	0.00	300.0	0.0	0.31	0.37	0.04	0.02
D	120.0	0.00	300.0	0.0	0.31	0.38	0.04	0.02
D	120.0	0.00	300.0	0.0	0.34	0.41	0.04	0.02
D	80.0	0.00	300.0	0.0	0.34	0.42	0.04	0.02
D	80.0	0.00	300.0	0.0	0.31	0.42	0.04	0.02
D	73.3	0.00	300.0	0.0	0.31	0.42	0.04	0.02
D	73.3	0.00	300.0	0.0	0.36	0.49	0.04	0.02
D	60.0	0.00	300.0	0.0	0.36	0.49	0.04	0.02
D	60.0	0.00	300.0	0.0	0.30	0.40	0.04	0.02
D	53.3	0.00	300.0	0.0	0.30	0.40	0.04	0.02
D	53.3	0.00	300.0	0.0	0.36	0.49	0.04	0.02
D	40.0	0.00	300.0	0.0	0.36	0.49	0.04	0.02
D	40.0	0.00	300.0	0.0	0.29	0.49	0.04	0.02
D	33.3	0.00	300.0	0.0	0.29	0.49	0.04	0.02
D	33.3	0.00	300.0	0.0	0.34	0.57	0.04	0.02
D	20.0	0.00	300.0	0.0	0.34	0.57	0.04	0.02

D	20.0	0.00	300.0	0.0	0.30	0.50	0.04	0.02
D	13.3	0.00	300.0	0.0	0.30	0.50	0.04	0.02
D	13.3	0.00	300.0	0.0	0.36	0.60	0.04	0.02
D	0.0	0.00	300.0	0.0	0.36	0.60	0.04	0.02

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LOADING CONDITION M
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105 mph wind with no ice. Wind Azimuth: 0

MAST LOADING
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LOAD TYPE	ELEV ft	APPLY.. RADIUS ft	LOAD..AT AZI	LOAD AZIFORCES.....	MOMENTS.....	
					HORIZ kip	DOWN kip	VERTICAL ft-kip	TORSNAL ft-kip
C	310.0	0.00	0.0	0.0	0.21	0.12	0.00	0.00
C	300.0	0.00	0.0	0.0	9.70	5.40	0.00	0.00
C	288.0	0.00	0.0	0.0	7.30	3.60	0.00	0.00
C	276.0	0.00	0.0	0.0	7.30	3.60	0.00	0.00
C	264.0	0.00	0.0	0.0	7.31	3.60	0.00	0.00
D	305.0	0.00	180.0	0.0	0.07	0.03	0.00	0.00
D	300.0	0.00	180.0	0.0	0.07	0.03	0.00	0.00
D	300.0	0.00	37.4	0.0	0.14	0.06	0.05	0.10
D	290.0	0.00	39.8	0.0	0.14	0.06	0.04	0.10
D	290.0	0.00	62.7	0.0	0.16	0.07	0.04	0.11
D	285.0	0.00	62.7	0.0	0.16	0.07	0.04	0.11
D	285.0	0.00	76.7	0.0	0.17	0.08	0.05	0.12
D	280.0	0.00	76.7	0.0	0.17	0.08	0.05	0.12
D	280.0	0.00	76.1	0.0	0.19	0.11	0.05	0.11
D	275.0	0.00	76.1	0.0	0.19	0.11	0.05	0.11
D	275.0	0.00	95.5	0.0	0.22	0.13	0.03	0.05
D	265.0	0.00	98.0	0.0	0.22	0.13	0.03	0.05
D	265.0	0.00	307.8	0.0	0.23	0.14	0.02	0.03
D	260.0	0.00	307.8	0.0	0.23	0.14	0.02	0.03
D	260.0	0.00	300.0	0.0	0.23	0.16	0.03	0.02
D	240.0	0.00	300.0	0.0	0.24	0.17	0.03	0.02
D	240.0	0.00	300.0	0.0	0.25	0.19	0.03	0.02
D	200.0	0.00	300.0	0.0	0.27	0.20	0.03	0.02
D	200.0	0.00	300.0	0.0	0.26	0.26	0.03	0.02
D	180.0	0.00	300.0	0.0	0.27	0.26	0.03	0.02
D	180.0	0.00	300.0	0.0	0.28	0.26	0.03	0.02
D	140.0	0.00	300.0	0.0	0.29	0.27	0.03	0.02
D	140.0	0.00	300.0	0.0	0.31	0.28	0.03	0.02
D	120.0	0.00	300.0	0.0	0.31	0.28	0.03	0.02
D	120.0	0.00	300.0	0.0	0.34	0.30	0.03	0.02
D	80.0	0.00	300.0	0.0	0.34	0.31	0.03	0.02
D	80.0	0.00	300.0	0.0	0.31	0.31	0.03	0.02
D	73.3	0.00	300.0	0.0	0.31	0.31	0.03	0.02
D	73.3	0.00	300.0	0.0	0.36	0.36	0.03	0.02
D	60.0	0.00	300.0	0.0	0.36	0.36	0.03	0.02
D	60.0	0.00	300.0	0.0	0.30	0.30	0.03	0.02
D	53.3	0.00	300.0	0.0	0.30	0.30	0.03	0.02
D	53.3	0.00	300.0	0.0	0.36	0.37	0.03	0.02
D	40.0	0.00	300.0	0.0	0.36	0.37	0.03	0.02
D	40.0	0.00	300.0	0.0	0.29	0.37	0.03	0.02
D	33.3	0.00	300.0	0.0	0.29	0.37	0.03	0.02
D	33.3	0.00	300.0	0.0	0.34	0.43	0.03	0.02
D	20.0	0.00	300.0	0.0	0.34	0.43	0.03	0.02
D	20.0	0.00	300.0	0.0	0.30	0.37	0.03	0.02
D	13.3	0.00	300.0	0.0	0.30	0.37	0.03	0.02
D	13.3	0.00	300.0	0.0	0.36	0.45	0.03	0.02
D	0.0	0.00	300.0	0.0	0.36	0.45	0.03	0.02

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LOADING CONDITION Y
=====

30 mph wind with 1 ice. Wind Azimuth: 0

MAST LOADING
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LOAD TYPE	ELEV ft	APPLY.. RADIUS ft	LOAD..AT AZI	LOAD AZIFORCES.....	MOMENTS.....	
					HORIZ kip	DOWN kip	VERTICAL ft-kip	TORSNAL ft-kip
C	310.0	0.00	0.0	0.0	0.03	0.26	0.00	0.00
C	300.0	0.00	0.0	0.0	1.23	15.51	0.00	0.00
C	288.0	0.00	0.0	0.0	1.42	10.34	0.00	0.00
C	276.0	0.00	0.0	0.0	1.42	10.34	0.00	0.00

C	264.0	0.00	0.0	0.0	1.42	10.34	0.00	0.00
D	305.0	0.00	180.0	0.0	0.01	0.13	0.00	0.00
D	300.0	0.00	180.0	0.0	0.01	0.13	0.00	0.00
D	300.0	0.00	37.4	0.0	0.02	0.24	0.20	0.01
D	295.0	0.00	37.4	0.0	0.02	0.24	0.20	0.01
D	295.0	0.00	39.8	0.0	0.01	0.22	0.19	0.01
D	290.0	0.00	39.8	0.0	0.01	0.22	0.19	0.01
D	290.0	0.00	68.1	0.0	0.02	0.28	0.18	0.01
D	285.0	0.00	68.1	0.0	0.02	0.28	0.18	0.01
D	285.0	0.00	86.3	0.0	0.02	0.32	0.19	0.01
D	280.0	0.00	86.3	0.0	0.02	0.32	0.19	0.01
D	280.0	0.00	83.4	0.0	0.02	0.38	0.19	0.01
D	275.0	0.00	83.4	0.0	0.02	0.38	0.19	0.01
D	275.0	0.00	92.3	0.0	0.02	0.45	0.11	0.00
D	265.0	0.00	94.9	0.0	0.02	0.46	0.10	0.00
D	265.0	0.00	306.2	0.0	0.02	0.51	0.07	0.00
D	260.0	0.00	306.2	0.0	0.02	0.51	0.07	0.00
D	260.0	0.00	300.0	0.0	0.02	0.54	0.11	0.00
D	240.0	0.00	300.0	0.0	0.03	0.55	0.11	0.00
D	240.0	0.00	300.0	0.0	0.03	0.60	0.11	0.00
D	200.0	0.00	300.0	0.0	0.03	0.64	0.11	0.00
D	200.0	0.00	300.0	0.0	0.03	0.70	0.11	0.00
D	150.0	0.00	300.0	0.0	0.03	0.74	0.11	0.00
D	150.0	0.00	300.0	0.0	0.03	0.75	0.11	0.00
D	140.0	0.00	300.0	0.0	0.03	0.75	0.11	0.00
D	140.0	0.00	300.0	0.0	0.03	0.79	0.11	0.00
D	120.0	0.00	300.0	0.0	0.03	0.80	0.11	0.00
D	120.0	0.00	300.0	0.0	0.04	0.85	0.11	0.00
D	80.0	0.00	300.0	0.0	0.04	0.88	0.11	0.00
D	80.0	0.00	300.0	0.0	0.03	0.84	0.11	0.00
D	73.3	0.00	300.0	0.0	0.03	0.84	0.11	0.00
D	73.3	0.00	300.0	0.0	0.04	1.04	0.11	0.00
D	60.0	0.00	300.0	0.0	0.04	1.04	0.11	0.00
D	60.0	0.00	300.0	0.0	0.03	0.82	0.11	0.00
D	53.3	0.00	300.0	0.0	0.03	0.82	0.11	0.00
D	53.3	0.00	300.0	0.0	0.04	1.05	0.11	0.00
D	40.0	0.00	300.0	0.0	0.04	1.05	0.11	0.00
D	40.0	0.00	300.0	0.0	0.03	0.91	0.10	0.00
D	33.3	0.00	300.0	0.0	0.03	0.91	0.10	0.00
D	33.3	0.00	300.0	0.0	0.04	1.14	0.10	0.00
D	20.0	0.00	300.0	0.0	0.04	1.14	0.10	0.00
D	20.0	0.00	300.0	0.0	0.03	0.75	0.05	0.00
D	13.3	0.00	300.0	0.0	0.03	0.75	0.05	0.00
D	13.3	0.00	300.0	0.0	0.04	1.07	0.08	0.00
D	0.0	0.00	300.0	0.0	0.04	1.07	0.08	0.00

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MAXIMUM TENSION IN MAST MEMBERS (kip)

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ELEV ft	LEGS	DIAG	HORIZ	BRACE
305.0	-----	-----	0.16 A	0.00 A
	0.04 U	0.44 R		
300.0	-----	-----	1.59 G	0.00 A
	4.30 M	4.57 T		
295.0	-----	-----	0.15 I	0.00 A
	14.55 M	4.42 H		
290.0	-----	-----	0.04 C	0.00 A
	24.82 M	5.90 T		
285.0	-----	-----	0.11 A	0.00 A
	38.28 M	6.86 H		
280.0	-----	-----	0.12 A	0.00 A
	51.82 M	7.07 T		
275.0	-----	-----	0.04 C	0.00 A
	66.19 M	9.08 N		
270.0	-----	-----	0.22 A	0.00 A
	83.37 M	8.76 H		
265.0	-----	-----	0.05 C	0.00 A
	98.48 M	10.63 N		
260.0	-----	-----	0.21 A	0.00 A
	120.81 M	11.79 F		
253.3	-----	-----	0.02 a	0.00 A
	142.49 M	11.28 R		
246.7	-----	-----	0.17 A	0.00 A
	164.52 M	10.98 F		
240.0	-----	-----	0.03 A	0.00 A
	183.37 M	10.72 R		
233.3	-----	-----	0.12 A	0.00 A
	202.43 M	10.61 L		
226.7	-----	-----	0.04 A	0.00 A
	219.38 M	10.51 R		
220.0	-----	-----	0.10 A	0.00 A
	236.51 M	10.50 L		

213.3	-----			0.07 A	0.00 A
	252.14 M	10.50 R			
206.7	-----			0.09 A	0.00 A
	267.93 M	10.58 L			
200.0	-----			0.07 A	0.00 A
	285.94 M	11.64 X			
190.0	-----			0.10 A	0.00 A
	307.66 M	11.71 X			
180.0	-----			0.07 A	0.00 A
	327.90 M	11.84 X			
170.0	-----			0.09 A	0.00 A
	348.18 M	12.08 X			
160.0	-----			0.07 A	0.00 A
	367.49 M	12.33 X			
150.0	-----			0.08 A	0.00 A
	386.88 M	12.64 X			
140.0	-----			0.05 A	0.00 A
	405.59 M	12.98 X			
130.0	-----			0.07 A	0.00 A
	424.41 M	13.40 X			
120.0	-----			0.05 A	0.00 A
	442.80 M	13.85 X			
110.0	-----			0.06 A	0.00 A
	461.39 M	14.37 X			
100.0	-----			0.09 O	0.00 A
	479.80 M	14.90 R			
90.0	-----			0.08 S	0.00 A
	498.33 M	15.43 X			
80.0	-----			0.34 A	0.00 A
	520.04 M	16.37 R			
73.3	-----			1.31 U	0.00 U
	518.88 M	21.48 R			
60.0	-----			0.32 A	0.00 A
	556.84 M	17.41 X			
53.3	-----			1.28 U	0.00 X
	555.69 M	22.34 X			
40.0	-----			0.29 A	0.00 A
	593.59 M	18.41 R			
33.3	-----			1.23 U	0.00 M
	592.23 M	23.13 R			
20.0	-----			0.09 A	0.00 M
	629.89 M	19.37 X			
13.3	-----			1.28 U	0.00 K
	628.47 M	24.00 X			
0.0	-----			0.00 A	0.00 A

MAXIMUM COMPRESSION IN MAST MEMBERS (kip)

ELEV ft	LEGS	DIAG	HORIZ	BRACE
305.0	-----			
	-0.15 a	-0.48 L	-0.13 S	0.00 A
300.0	-----			
	-8.65 G	-4.76 B	-1.57 A	0.00 A
295.0	-----			
	-19.60 G	-4.33 T	-0.10 O	0.00 A
290.0	-----			
	-31.64 G	-6.06 H	-0.04 U	0.00 A
285.0	-----			
	-46.90 G	-6.83 T	-0.07 S	0.00 A
280.0	-----			
	-61.42 G	-7.16 H	-0.10 S	0.00 A
275.0	-----			
	-78.74 G	-9.13 H	-0.02 U	0.00 A
270.0	-----			
	-96.69 G	-8.77 B	-0.19 S	0.00 A
265.0	-----			
	-114.71 G	-10.78 G	-0.04 U	0.00 A
260.0	-----			
	-138.77 G	-11.75 X	-0.18 S	0.00 A
253.3	-----			
	-161.55 G	-11.36 L	0.00 U	0.00 A
246.7	-----			
	-184.93 G	-10.97 R	-0.15 S	0.00 A
240.0	-----			
	-205.06 G	-10.78 L	-0.02 S	0.00 A
233.3	-----			
	-225.63 G	-10.61 F	-0.10 S	0.00 A
226.7	-----			
			-0.03 S	0.00 A

220.0	-244.01 G	-10.56 L	-0.09 S	0.00 A
213.3	-262.70 G	-10.51 F	-0.06 S	0.00 A
206.7	-279.85 G	-10.55 L	-0.08 S	0.00 A
200.0	-297.27 G	-10.58 F	-0.06 S	0.00 A
190.0	-317.45 G	-11.71 L	-0.09 S	0.00 A
180.0	-342.11 G	-11.74 F	-0.06 S	0.00 A
170.0	-365.24 G	-11.91 L	-0.08 S	0.00 A
160.0	-388.52 G	-12.11 F	-0.06 S	0.00 A
150.0	-410.85 G	-12.39 L	-0.07 S	0.00 A
140.0	-433.34 G	-12.67 F	-0.04 S	0.00 A
130.0	-455.22 G	-13.04 L	-0.06 S	0.00 A
120.0	-477.37 G	-13.43 F	-0.04 S	0.00 A
110.0	-499.21 G	-13.91 C	-0.05 S	0.00 A
100.0	-521.41 G	-14.41 L	-0.09 I	0.00 A
90.0	-543.49 G	-14.94 F	-0.09 A	0.00 A
80.0	-565.75 G	-15.46 L	-0.32 S	0.00 A
73.3	-591.00 G	-16.56 C	-1.53 C	0.00 C
60.0	-592.54 G	-21.55 L	-0.29 S	0.00 A
53.3	-635.94 G	-17.62 C	-1.50 C	0.00 F
40.0	-637.48 G	-22.40 L	-0.27 S	0.00 A
33.3	-681.16 G	-18.59 C	-1.46 C	0.00 F
20.0	-682.97 G	-23.20 L	-0.08 S	0.00 F
13.3	-726.87 G	-19.45 F	-1.53 C	0.00 Q
0.0	-728.76 G	-24.05 L	0.00 A	0.00 A

FORCE/RESISTANCE RATIO IN LEGS

MAST ELEV ft	-- LEG COMPRESSION --			---- LEG TENSION ----		
	MAX COMP	COMP RESIST	FORCE/ RESIST RATIO	MAX TENS	TENS RESIST	FORCE/ RESIST RATIO
305.00	0.15	31.84	0.00	0.04	51.90	0.00
300.00	8.65	83.04	0.10	4.30	108.15	0.04
295.00	19.60	83.04	0.24	14.55	108.15	0.13
290.00	31.64	83.04	0.38	24.82	108.15	0.23
285.00	46.90	83.04	0.56	38.28	108.15	0.35
280.00	61.42	143.18	0.43	51.82	178.48	0.29
275.00	78.74	143.18	0.55	66.19	178.48	0.37
270.00	96.69	143.18	0.68	83.37	178.48	0.47
265.00	114.71	143.18	0.80	98.48	178.48	0.55
260.00	138.77	241.28	0.58	120.81	296.33	0.41
253.33	161.55	241.28	0.67	142.49	296.33	0.48
246.67	184.93	241.28	0.77	164.52	296.33	0.56
240.00	205.06	312.59	0.66	183.37	327.10	0.56
233.33	225.63	312.59	0.72	202.43	327.10	0.62

226.67	244.01	312.59	0.78	219.38	327.10	0.67
220.00	262.70	312.59	0.84	236.51	385.58	0.61
213.33	279.85	312.59	0.90	252.14	385.58	0.65
206.67	297.27	312.59	0.95	267.93	385.58	0.69
200.00	317.45	509.22	0.62	285.94	457.90	0.62
190.00	342.11	509.22	0.67	307.66	457.90	0.67
180.00	365.24	509.22	0.72	327.90	457.90	0.72
170.00	388.52	509.22	0.76	348.18	457.90	0.76
160.00	410.85	509.22	0.81	367.49	457.90	0.80
150.00	433.34	509.22	0.85	386.88	457.90	0.84
140.00	455.22	509.22	0.89	405.59	620.80	0.65
130.00	477.37	509.22	0.94	424.41	620.80	0.68
120.00	499.21	623.79	0.80	442.80	707.13	0.63
110.00	521.41	623.79	0.84	461.39	707.13	0.65
100.00	543.49	623.79	0.87	479.80	707.13	0.68
90.00	565.75	623.79	0.91	498.33	707.13	0.70
80.00	591.00	643.10	0.92	520.04	707.13	0.74
73.33	592.54	643.10	0.92	518.88	707.13	0.73
60.00	635.94	643.10	0.99	556.84	707.13	0.79
53.33	637.48	643.10	0.99	555.69	707.13	0.79
40.00	681.16	848.95	0.80	593.59	885.31	0.67
33.33	682.97	848.95	0.80	592.23	885.31	0.67
20.00	726.87	848.95	0.86	629.89	933.14	0.68
13.33	728.76	848.95	0.86	628.47	933.14	0.67
0.00						

FORCE/RESISTANCE RATIO IN DIAGONALS

MAST ELEV ft	- DIAG COMPRESSION -			--- DIAG TENSION ---		
	MAX COMP	COMP RESIST	FORCE/ RESIST RATIO	MAX TENS	TENS RESIST	FORCE/ RESIST RATIO
305.00	0.48	7.16	0.07	0.44	7.16	0.06
300.00	4.76	7.16	0.66	4.57	7.16	0.64
295.00	4.33	7.16	0.60	4.42	7.16	0.62
290.00	6.06	7.16	0.85	5.90	7.16	0.82
285.00	6.83	7.16	0.95	6.86	7.16	0.96
280.00	7.16	13.03	0.55	7.07	13.03	0.54
275.00	9.13	13.03	0.70	9.08	13.03	0.70
270.00	8.77	13.03	0.67	8.76	13.03	0.67
265.00	10.78	13.03	0.83	10.63	13.03	0.82
260.00	11.75	12.47	0.94	11.79	12.47	0.95
253.33	11.36	12.47	0.91	11.28	12.47	0.90
246.67	10.97	12.47	0.88	10.98	12.47	0.88
240.00	10.78	14.17	0.76	10.72	14.17	0.76
233.33	10.61	14.17	0.75	10.61	14.17	0.75

226.67	10.56	14.17	0.75	10.51	14.17	0.74
220.00	10.51	13.10	0.80	10.50	13.10	0.80
213.33	10.55	13.10	0.81	10.50	13.10	0.80
206.67	10.58	13.10	0.81	10.58	13.10	0.81
200.00	11.71	14.30	0.82	11.64	14.30	0.81
190.00	11.74	14.30	0.82	11.71	14.30	0.82
180.00	11.91	15.88	0.75	11.84	15.88	0.75
170.00	12.11	15.88	0.76	12.08	15.88	0.76
160.00	12.39	13.59	0.91	12.33	13.59	0.91
150.00	12.67	13.59	0.93	12.64	13.59	0.93
140.00	13.04	17.02	0.77	12.98	17.02	0.76
130.00	13.43	17.02	0.79	13.40	17.02	0.79
120.00	13.91	18.13	0.77	13.85	18.13	0.76
110.00	14.41	18.13	0.79	14.37	18.13	0.79
100.00	14.94	16.06	0.93	14.90	16.06	0.93
90.00	15.46	16.06	0.96	15.43	16.06	0.96
80.00	16.56	25.37	0.65	16.37	25.37	0.65
73.33	21.55	38.66	0.56	21.48	38.66	0.56
60.00	17.62	18.66	0.94	17.41	18.66	0.93
53.33	22.40	29.38	0.76	22.34	29.38	0.76
40.00	18.59	21.51	0.86	18.41	21.51	0.86
33.33	23.20	27.91	0.83	23.13	27.91	0.83
20.00	19.45	19.72	0.99	19.37	19.72	0.98
13.33	24.05	26.07	0.92	24.00	26.07	0.92
0.00						

MAXIMUM INDIVIDUAL FOUNDATION LOADS: (kip)

LOAD---COMPONENTS---				TOTAL
NORTH	EAST	DOWN	UPLIFT	SHEAR
75.35 G	-64.86 C	757.08 G	-652.48 M	75.35 G

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

HORIZONTAL---			DOWN	OVERTURNING---			TORSION
NORTH	EAST	TOTAL		NORTH	EAST	TOTAL	
@		0.0		@		0.0	
125.7 S	119.2 J	125.7 S	271.4 F	21658.2 G	20681.9 J	21658.2 G	76.1 H

Latticed Tower Analysis (Unguyed)
Processed under license at:

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Sabre Towers and Poles

on: 22 jan 2021 at: 10:59:49

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

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* Only 1 condition(s) shown in full

* Some wind loads may have been derived from full-scale wind tunnel testing

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LOADING CONDITION A

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

MAST LOADING

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LOAD TYPE	ELEV ft	APPLY... RADIUS ft	LOAD...AT AZI	LOAD AZIFORCES.....	MOMENTS.....	
					HORIZ kip	DOWN kip	VERTICAL ft-kip	TORSNAL ft-kip
C	310.0	0.00	0.0	0.0	0.07	0.13	0.00	0.00
C	300.0	0.00	0.0	0.0	3.17	6.00	0.00	0.00
C	288.0	0.00	0.0	0.0	2.38	4.00	0.00	0.00
C	276.0	0.00	0.0	0.0	2.38	4.00	0.00	0.00
C	264.0	0.00	0.0	0.0	2.39	4.00	0.00	0.00
D	305.0	0.00	180.0	0.0	0.02	0.03	0.00	0.00
D	300.0	0.00	180.0	0.0	0.02	0.03	0.00	0.00
D	300.0	0.00	37.4	0.0	0.05	0.07	0.05	0.03
D	290.0	0.00	39.8	0.0	0.04	0.06	0.05	0.03
D	290.0	0.00	62.7	0.0	0.05	0.08	0.05	0.04
D	285.0	0.00	62.7	0.0	0.05	0.08	0.05	0.04
D	285.0	0.00	76.7	0.0	0.06	0.09	0.05	0.04
D	280.0	0.00	76.7	0.0	0.06	0.09	0.05	0.04
D	280.0	0.00	76.1	0.0	0.06	0.12	0.05	0.04
D	275.0	0.00	76.1	0.0	0.06	0.12	0.05	0.04
D	275.0	0.00	95.5	0.0	0.07	0.14	0.04	0.02
D	265.0	0.00	98.0	0.0	0.07	0.14	0.04	0.02
D	265.0	0.00	307.8	0.0	0.08	0.16	0.02	0.01
D	260.0	0.00	307.8	0.0	0.08	0.16	0.02	0.01
D	260.0	0.00	300.0	0.0	0.08	0.18	0.03	0.01
D	240.0	0.00	300.0	0.0	0.08	0.19	0.03	0.01
D	240.0	0.00	300.0	0.0	0.08	0.21	0.03	0.01
D	200.0	0.00	300.0	0.0	0.09	0.22	0.03	0.01
D	200.0	0.00	300.0	0.0	0.09	0.29	0.03	0.01
D	170.0	0.00	300.0	0.0	0.10	0.29	0.03	0.01
D	170.0	0.00	300.0	0.0	0.10	0.29	0.03	0.01
D	120.0	0.00	300.0	0.0	0.11	0.31	0.03	0.01
D	120.0	0.00	300.0	0.0	0.11	0.34	0.03	0.01
D	80.0	0.00	300.0	0.0	0.11	0.35	0.03	0.01
D	80.0	0.00	300.0	0.0	0.10	0.35	0.03	0.01
D	73.3	0.00	300.0	0.0	0.10	0.35	0.03	0.01
D	73.3	0.00	300.0	0.0	0.12	0.41	0.03	0.01
D	60.0	0.00	300.0	0.0	0.12	0.41	0.03	0.01
D	60.0	0.00	300.0	0.0	0.10	0.33	0.03	0.01
D	53.3	0.00	300.0	0.0	0.10	0.33	0.03	0.01
D	53.3	0.00	300.0	0.0	0.12	0.41	0.03	0.01
D	40.0	0.00	300.0	0.0	0.12	0.41	0.03	0.01
D	40.0	0.00	300.0	0.0	0.10	0.41	0.03	0.01
D	33.3	0.00	300.0	0.0	0.10	0.41	0.03	0.01
D	33.3	0.00	300.0	0.0	0.11	0.47	0.03	0.01
D	20.0	0.00	300.0	0.0	0.11	0.47	0.03	0.01
D	20.0	0.00	300.0	0.0	0.10	0.42	0.03	0.01
D	13.3	0.00	300.0	0.0	0.10	0.42	0.03	0.01
D	13.3	0.00	300.0	0.0	0.12	0.50	0.03	0.01
D	0.0	0.00	300.0	0.0	0.12	0.50	0.03	0.01

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MAXIMUM MAST DISPLACEMENTS:

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ELEV ft	-----DEFLECTIONS (ft)-----			--TILTS (DEG)---		TWIST DEG
	NORTH	EAST	DOWN	NORTH	EAST	
305.0	1.354 G	-1.300 D	0.018 G	0.543 G	-0.522 D	0.035 L
300.0	1.307 G	-1.254 D	0.018 G	0.543 G	-0.522 D	0.035 L
295.0	1.258 G	-1.208 D	0.018 G	0.541 G	-0.520 D	0.034 L
290.0	1.211 G	-1.162 D	0.017 G	0.535 G	-0.514 D	0.033 L
285.0	1.163 G	-1.116 D	0.017 G	0.525 G	-0.504 D	0.032 H
280.0	1.116 G	-1.071 D	0.016 G	0.511 G	-0.491 D	0.033 H
275.0	1.072 G	-1.028 D	0.016 G	0.500 G	-0.480 D	0.033 H
270.0	1.027 G	-0.985 D	0.016 G	0.486 G	-0.467 D	0.033 H
265.0	0.985 G	-0.945 D	0.015 G	0.471 G	-0.453 D	0.033 H
260.0	0.943 G	-0.904 D	0.015 G	0.453 G	-0.435 D	0.033 H
253.3	0.889 G	-0.853 D	0.014 G	0.438 G	-0.421 D	0.032 H

246.7	0.837	G	-0.803	D	0.014	G	0.420	G	-0.404	D	0.032	H
240.0	0.788	G	-0.755	D	0.013	G	0.402	G	-0.386	D	0.031	H
233.3	0.740	G	-0.710	D	0.013	G	0.387	G	-0.371	D	0.030	H
226.7	0.695	G	-0.666	D	0.013	G	0.371	G	-0.356	D	0.029	H
220.0	0.651	G	-0.624	D	0.012	G	0.354	G	-0.340	D	0.028	H
213.3	0.609	G	-0.584	D	0.012	G	0.338	G	-0.324	D	0.027	H
206.7	0.569	G	-0.545	D	0.011	G	0.321	G	-0.308	D	0.026	H
200.0	0.531	G	-0.509	D	0.011	G	0.303	G	-0.291	D	0.024	H
190.0	0.478	G	-0.458	D	0.010	G	0.287	G	-0.275	D	0.023	H
180.0	0.428	G	-0.410	D	0.010	G	0.270	G	-0.259	D	0.022	H
170.0	0.381	G	-0.365	D	0.010	G	0.253	G	-0.243	D	0.021	H
160.0	0.337	G	-0.322	D	0.009	G	0.236	G	-0.227	D	0.019	H
150.0	0.295	G	-0.282	D	0.009	G	0.219	G	-0.210	D	0.018	H
140.0	0.256	G	-0.245	D	0.008	G	0.202	G	-0.194	D	-0.017	B
130.0	0.221	G	-0.211	D	0.008	G	0.185	G	-0.177	D	0.015	H
120.0	0.188	G	-0.180	D	0.007	G	0.167	G	-0.161	D	0.014	H
110.0	0.158	G	-0.151	D	0.006	G	0.152	G	-0.146	D	0.013	H
100.0	0.130	G	0.125	J	0.006	G	0.137	G	-0.132	D	0.011	H
90.0	0.103	G	-0.098	D	0.005	G	0.122	G	-0.117	D	0.010	H
80.0	0.078	G	0.075	J	0.005	G	0.106	G	-0.102	D	-0.008	B
73.3	0.067	G	0.064	J	0.004	G	0.097	G	-0.093	D	-0.008	B
60.0	0.045	G	0.043	J	0.004	G	0.076	G	-0.073	D	-0.007	B
53.3	0.038	G	0.036	J	0.003	G	0.066	G	-0.063	D	-0.006	B
40.0	0.022	G	0.021	J	0.002	F	0.046	G	-0.044	D	-0.004	B
33.3	0.018	G	0.017	J	0.002	D	0.038	G	-0.037	D	-0.004	B
20.0	0.008	G	0.007	J	0.001	D	0.023	G	-0.022	D	-0.002	B
13.3	0.004	G	0.004	J	0.001	D	0.015	G	-0.015	D	0.001	H
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)

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ELEV ft	LEGS	DIAG	HORIZ	BRACE
305.0	-----	-----	0.06 A	0.00 A
	0.00 A	0.13 F		
300.0	-----	-----	0.53 G	0.00 A
	0.00 A	1.45 H		
295.0	-----	-----	0.06 I	0.00 A
	3.17 A	1.48 H		
290.0	-----	-----	0.01 C	0.00 A
	6.00 A	1.89 B		
285.0	-----	-----	0.05 A	0.00 A
	9.87 A	2.26 H		
280.0	-----	-----	0.04 A	0.00 A
	14.05 A	2.29 B		
275.0	-----	-----	0.02 C	0.00 A
	17.84 A	2.95 B		
270.0	-----	-----	0.08 A	0.00 A
	23.27 A	2.87 H		
265.0	-----	-----	0.02 C	0.00 A
	27.32 A	3.44 B		
260.0	-----	-----	0.08 A	0.00 A
	34.15 A	3.87 L		
253.3	-----	-----	0.01 C	0.00 A
	41.01 A	3.67 F		
246.7	-----	-----	0.06 A	0.00 A
	47.91 A	3.61 L		
240.0	-----	-----	0.01 A	0.00 A
	53.82 A	3.51 F		
233.3	-----	-----	0.04 A	0.00 A
	59.74 A	3.50 L		
226.7	-----	-----	0.02 A	0.00 A
	65.01 A	3.45 L		
220.0	-----	-----	0.04 A	0.00 A
	70.30 A	3.47 L		
213.3	-----	-----	0.03 A	0.00 A
	75.14 A	3.46 L		
206.7	-----	-----	0.03 A	0.00 A
	80.00 A	3.50 L		
200.0	-----	-----	0.03 A	0.00 A
	85.49 A	3.84 F		
190.0	-----	-----	0.04 A	0.00 A
	92.02 A	3.89 L		
180.0	-----	-----	0.03 A	0.00 A
	98.10 A	3.93 F		
170.0	-----	-----	0.03 A	0.00 A
	104.17 A	4.03 L		
160.0	-----	-----	0.03 A	0.00 A
	109.95 A	4.11 F		
150.0	-----	-----	0.03 A	0.00 A
	115.73 A	4.23 L		
140.0	-----	-----	0.02 A	0.00 A
	121.31 A	4.34 F		

130.0	-----			0.03 A	0.00 A
	126.90 A	4.49 L			
120.0	-----			0.02 A	0.00 A
	132.32 A	4.63 L			
110.0	-----			0.02 A	0.00 A
	137.75 A	4.80 F			
100.0	-----			0.03 C	0.00 A
	143.10 A	4.97 L			
90.0	-----			0.02 G	0.00 A
	148.47 A	5.14 F			
80.0	-----			0.13 A	0.00 A
	155.06 A	5.42 L			
73.3	-----			0.40 I	0.00 H
	153.77 A	7.13 L			
60.0	-----			0.12 A	0.00 A
	165.49 A	5.75 L			
53.3	-----			0.39 I	0.00 A
	164.22 A	7.39 L			
40.0	-----			0.11 A	0.00 A
	175.83 A	6.07 F			
33.3	-----			0.37 I	0.00 B
	174.32 A	7.65 F			
20.0	-----			0.03 A	0.00 B
	185.73 A	6.40 L			
13.3	-----			0.38 I	0.00 K
	184.15 A	7.94 L			
0.0	-----			0.00 A	0.00 A

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MAXIMUM COMPRESSION IN MAST MEMBERS (kip)

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ELEV ft	LEGS	DIAG	HORIZ	BRACE
305.0	-----		-0.04 G	0.00 A
	-0.07 C	-0.17 B		
300.0	-----		-0.51 A	0.00 A
	-4.08 G	-1.62 B		
295.0	-----		-0.02 C	0.00 A
	-7.86 G	-1.40 H		
290.0	-----		-0.01 I	0.00 A
	-12.28 G	-2.03 B		
285.0	-----		-0.01 G	0.00 A
	-17.76 G	-2.23 B		
280.0	-----		-0.03 G	0.00 A
	-22.75 G	-2.37 H		
275.0	-----		0.00 A	0.00 A
	-29.22 G	-3.00 H		
270.0	-----		-0.05 G	0.00 A
	-35.25 G	-2.87 B		
265.0	-----		-0.01 I	0.00 A
	-41.92 G	-3.56 G		
260.0	-----		-0.05 G	0.00 A
	-50.20 G	-3.84 L		
253.3	-----		0.00 A	0.00 A
	-57.88 G	-3.75 L		
246.7	-----		-0.04 G	0.00 A
	-65.82 G	-3.60 F		
240.0	-----		0.00 G	0.00 A
	-72.69 G	-3.57 L		
233.3	-----		-0.03 G	0.00 A
	-79.77 G	-3.50 L		
226.7	-----		-0.01 G	0.00 A
	-86.11 G	-3.50 L		
220.0	-----		-0.03 G	0.00 A
	-92.58 G	-3.47 L		
213.3	-----		-0.01 G	0.00 A
	-98.53 G	-3.51 L		
206.7	-----		-0.02 G	0.00 A
	-104.60 G	-3.51 L		
200.0	-----		-0.02 G	0.00 A
	-111.70 G	-3.91 L		
190.0	-----		-0.02 G	0.00 A
	-120.47 G	-3.92 F		
180.0	-----		-0.02 G	0.00 A
	-128.76 G	-3.99 F		
170.0	-----		-0.02 G	0.00 A
	-137.12 G	-4.05 F		
160.0	-----		-0.01 G	0.00 A
	-145.17 G	-4.16 L		
150.0	-----		-0.02 G	0.00 A

140.0	-153.31 G	-4.26 F	-0.01 G	0.00 A
130.0	-161.25 G	-4.40 L	-0.02 G	0.00 A
120.0	-169.29 G	-4.52 F	-0.01 G	0.00 A
110.0	-177.25 G	-4.68 F	-0.01 G	0.00 A
100.0	-185.36 G	-4.84 L	-0.03 I	0.00 A
90.0	-193.42 G	-5.00 F	-0.03 A	0.00 A
80.0	-201.53 G	-5.17 L	-0.09 G	0.00 A
73.3	-210.50 G	-5.53 C	-0.52 C	0.00 L
60.0	-211.79 G	-7.19 F	-0.08 G	0.00 A
53.3	-226.96 G	-5.87 C	-0.52 C	0.00 L
40.0	-228.24 G	-7.46 F	-0.07 G	0.00 A
33.3	-243.54 G	-6.18 C	-0.51 C	0.00 H
20.0	-245.05 G	-7.71 F	-0.02 G	0.00 H
13.3	-260.50 G	-6.47 F	-0.53 C	0.00 F
0.0	-262.08 G	-7.98 F	0.00 A	0.00 A

MAXIMUM INDIVIDUAL FOUNDATION LOADS: (kip)

LOAD		COMPONENTS		TOTAL
NORTH	EAST	DOWN	UPLIFT	SHEAR
26.15 G	-22.51 C	272.10 G	-191.34 A	26.15 G

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

HORIZONTAL			DOWN	OVERTURNING		TORSION
NORTH	EAST	TOTAL @ 0.0	DOWN	NORTH	EAST	TOTAL @ 0.0
41.6 G	39.4 J	41.6 G	106.4 D	7172.8 G	-6853.0 D	7172.8 G
						24.9 H

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)
300	305	2.375 OD X .154						6	0.75	6.50	0.75	8.50
280	300	3.500 OD X .216	6	0.75	6.50	1.00	8.50	6	1.00	9.00	1.25	11.50
260	280	4.000 OD X .318	6	1.00	9.00	1.25	11.50	6	1.00	9.00	1.25	11.50
240	260	5.563 OD X .375	6	1.00	9.00	1.25	11.50	6	1.00	9.00	1.25	11.50
220	240	5.563 OD X .500	6	1.00	9.00	1.25	11.50	6	1.00	9.00	1.25	11.50
200	220	5.563 OD X .500	6	1.00	9.00	1.25	11.50	6	1.25	12.50	1.75	15.75
180	200	8.625 OD X .500	6	1.25	12.50	1.50	15.75	6	1.25	12.50	1.50	15.75
160	180	8.625 OD X .500	6	1.25	12.50	1.50	15.75	6	1.25	12.50	1.50	15.75
140	160	8.625 OD X .500	6	1.25	12.50	1.50	15.75	6	1.25	12.50	1.50	15.75
120	140	8.625 OD X .500	6	1.25	12.50	1.50	15.75	8	1.50	17.25	2.00	21.00
100	120	12.75 OD X .375	8	1.50	17.25	1.75	21.00	8	1.50	17.25	1.75	21.00
80	100	12.75 OD X .375	8	1.50	17.25	1.75	21.00	8	1.50	17.25	1.75	21.00
60	80	12.75 OD X .375	8	1.50	17.25	1.75	21.00	8	1.50	17.25	1.75	21.00
40	60	12.75 OD X .375	8	1.50	17.25	1.75	21.00	8	1.50	17.25	1.75	21.00
20	40	12.75 OD X .500	8	1.50	17.25	1.75	21.00	8	1.50	17.25	1.75	21.00
0	20	12.75 OD X .500	8	1.50	17.25	1.75	21.00	6	1.75	18.00	2.00	22.50

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)
300	305	L 2 X 2 X 1/8	1	0.625	1.500		1.125	0.375
280	300	L 2 X 2 X 1/8	1	0.625	1.500		1.125	0.375
260	280	L 2 1/2 X 2 1/2 X 3/16	1	0.625	1.500		1.375	0.375
240	260	L 2 1/2 X 2 1/2 X 3/16	1	0.625	1.500		1.375	0.375
220	240	L 3 X 3 X 3/16	1	0.625	1.500		1.750	0.375
200	220	L 3 X 3 X 3/16	1	0.750	1.500		1.750	0.375
180	200	L 3 X 3 X 5/16	1	0.750	1.625		1.750	0.375
160	180	L 3 1/2 X 3 1/2 X 1/4	1	0.750	1.625		1.750	0.375
140	160	L 3 1/2 X 3 1/2 X 1/4	1	0.750	1.625		1.750	0.375
120	140	L 4 X 4 X 1/4	1	0.750	1.625		2.000	0.375
100	120	L 4 X 4 X 1/4	2	0.625	1.625	2.1250	2.000	0.500
80	100	L 4 X 4 X 1/4	2	0.625	1.625	2.1250	2.000	0.500
73.33	80	L 4 X 4 X 5/16	2	0.750	1.625	2.5000	2.000	0.500
60	73.33	L 5 X 3 1/2 X 5/16 (SLV)	2	0.750	1.625	2.5000	1.750	0.500
53.33	60	L 4 X 4 X 1/4	2	0.750	1.625	2.5000	2.000	0.500
40	53.33	L 5 X 3 1/2 X 1/4 (SLV)	2	0.750	1.625	2.5000	1.750	0.500
33.33	40	L 4 X 4 X 5/16	2	0.750	1.625	2.5000	2.000	0.500
20	33.33	L 5 X 3 1/2 X 1/4 (SLV)	2	0.750	1.625	2.5000	1.750	0.500
13.33	20	L 4 X 4 X 5/16	2	0.750	1.625	2.5000	2.000	0.500
0	13.33	L 5 X 3 1/2 X 1/4 (SLV)	2	0.750	1.625	2.5000	1.750	0.500

MAT FOUNDATION DESIGN BY SABRE INDUSTRIES
 305' S3TL Series HD1 AT&T Hallie, KY (474673) 2021-01-22 DJH

Overall Loads:			
Factored Moment (ft-kips)	21658.21		
Factored Axial (kips)	271.40		
Factored Shear (kips)	125.73		
Individual Leg Loads:			
Factored Uplift (kips)	652.00		
Factored Download (kips)	757.00		
Factored Shear (kips)	75.00		
		Tower eccentric from mat (ft)=	2.75
Width of Tower (ft)	35	Allowable Bearing Pressure (ksf)	1.50
Ultimate Bearing Pressure	3.00	Safety Factor	2.00
Bearing Φ_s	0.75		
Bearing Design Strength (ksf)	2.25	Max. Factored Net Bearing Pressure (ksf)	2.18
Water Table Below Grade (ft)	6		
Width of Mat (ft)	45	Minimum Mat Width (ft)	42.83
Thickness of Mat (ft)	1.5		
Depth to Bottom of Slab (ft)	7.5		
Bolt Circle Diameter (in)	18		
Effective Anchor Bolt Embedment	72.625		
Diameter of Pier (ft)	5.5	Minimum Pier Diameter (ft)	2.83
Ht. of Pier Above Ground (ft)	0.5	Equivalent Square b (ft)	4.87
Ht. of Pier Below Ground (ft)	6		
Quantity of Bars in Mat	80		
Bar Diameter in Mat (in)	1.27		
Area of Bars in Mat (in ²)	101.34		
Spacing of Bars in Mat (in)	6.74	Recommended Spacing (in)	6 to 12
Quantity of Bars Pier	32		
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)	19.24	Minimum Pier A_s (in ²)	17.11
Spacing of Bars in Pier (in)	5.70	Recommended Spacing (in)	5 to 12
f'c (ksi)	4.5		
fy (ksi)	60		
Unit Wt. of Soil (kcf)	0.11		
Unit Wt. of Concrete (kcf)	0.15		
Volume of Concrete (yd ³)	129.66		

MAT FOUNDATION DESIGN BY SABRE INDUSTRIES (CONTINUED)

Two-Way Shear:

Average d (in)	13.73		
ϕv_c (ksi)	0.196	v_u (ksi)	0.195
$\phi v_c = \phi(2 + 4/\beta_c)f'_c{}^{1/2}$	0.302		
$\phi v_c = \phi(\alpha_s d/b_o + 2)f'_c{}^{1/2}$	0.196		
$\phi v_c = \phi 4f'_c{}^{1/2}$	0.201		
Shear perimeter, b_o (in)	288.88		
β_c	1		

Stability:

Overturning Design Strength (ft-k)	34343.2	Factored Overturning Moment (ft-k)	22664.1
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One-Way Shear:

ϕV_c (kips)	746.0	V_u (kips)	650.2
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Pier Design:

Design Tensile Strength (kips)	1039.1	T_u (kips)	652.0
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Shear:

ϕ	0.75		
V_c (kips)	289.3		
V_s (kips)	311.0	$V_{s,max}$ (kips)	1870.1
ϕV_n (kips)	450.3	V_u (kips)	75.0
Maximum Spacing (in)	7.10	(Only if Shear Ties are Required)	
Actual Hook Development (in)	12.46	Req'd Hook Development l_{dh} (in) - Tension	10.96
		Req'd Hook Development l_{dc} (in) - Compression	11.81

Anchor Bolt Pull-Out:

$N_{ua} / \phi N_n$	0.75	$V_{ua} / \phi V_n$	0.17
Pier Rebar Development Length (in)	55.58	Required Length of Development (in)	23.48

Flexure in Slab:

ϕM_n (ft-kips)	5590.1	M_u (ft-kips)	5550.2
a (in)	2.94		
Steel Ratio	0.01367		
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
Interaction Diagram	1
One-Way Shear	1
Hook Development	1
Minimum Mat Depth	1
Anchor Bolt Punching Shear	1

EXHIBIT D
COMPETING UTILITIES, CORPORATIONS, OR PERSONS LIST

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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
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▼ Active ▼

	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	4106600	Cintex Wireless, LLC	Cellular	D	Houston	TX
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	Herndon	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 General	Cellular	A	Elizabethtown	KY
View	4109550	Kynect Communications, LLC	Cellular	D	Dallas	TX
View	4112200	Lexvor Inc.	Cellular	C	Irvine	CA
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 of the South LLC dba 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	4112100	Tello LLC	Cellular	C	Atlanta	GA
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
View	4112150	Zefcom, LLC	Cellular	C	Wichita Falls	TX

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-39116-OE

Issued Date: 01/19/2021

Jeanette Oliver
 AT&T (JO)
 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 HALLIE (323632)
 Location: HALLIE, KY
 Latitude: 37-06-50.07N NAD 83
 Longitude: 83-00-03.54W
 Heights: 1807 feet site elevation (SE)
 320 feet above ground level (AGL)
 2127 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 M, Obstruction Marking and Lighting, a med-dual system-Chapters 4,8(M-Dual),&15.

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)
- Within 5 days after the construction reaches its greatest height (7460-2, Part 2)

This determination expires on 07/19/2022 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 any 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-39116-OE.

Signature Control No: 460025494-464798399

(DNE)

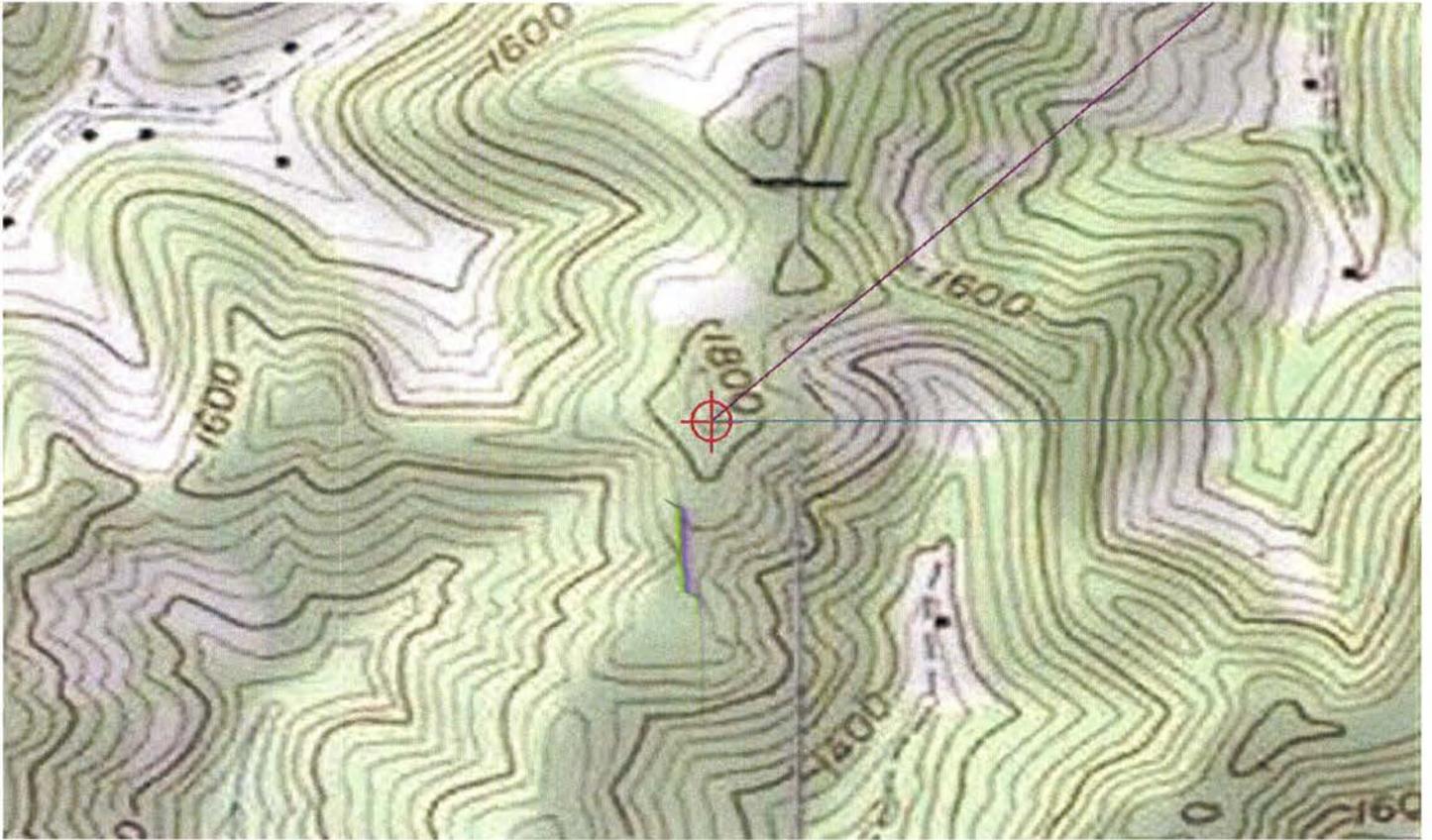
Angelique Eersteling
Technician

Attachment(s)
Case Description
Frequency Data
Map(s)

cc: FCC

Applying for a new 320' proposed self-support tower.

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



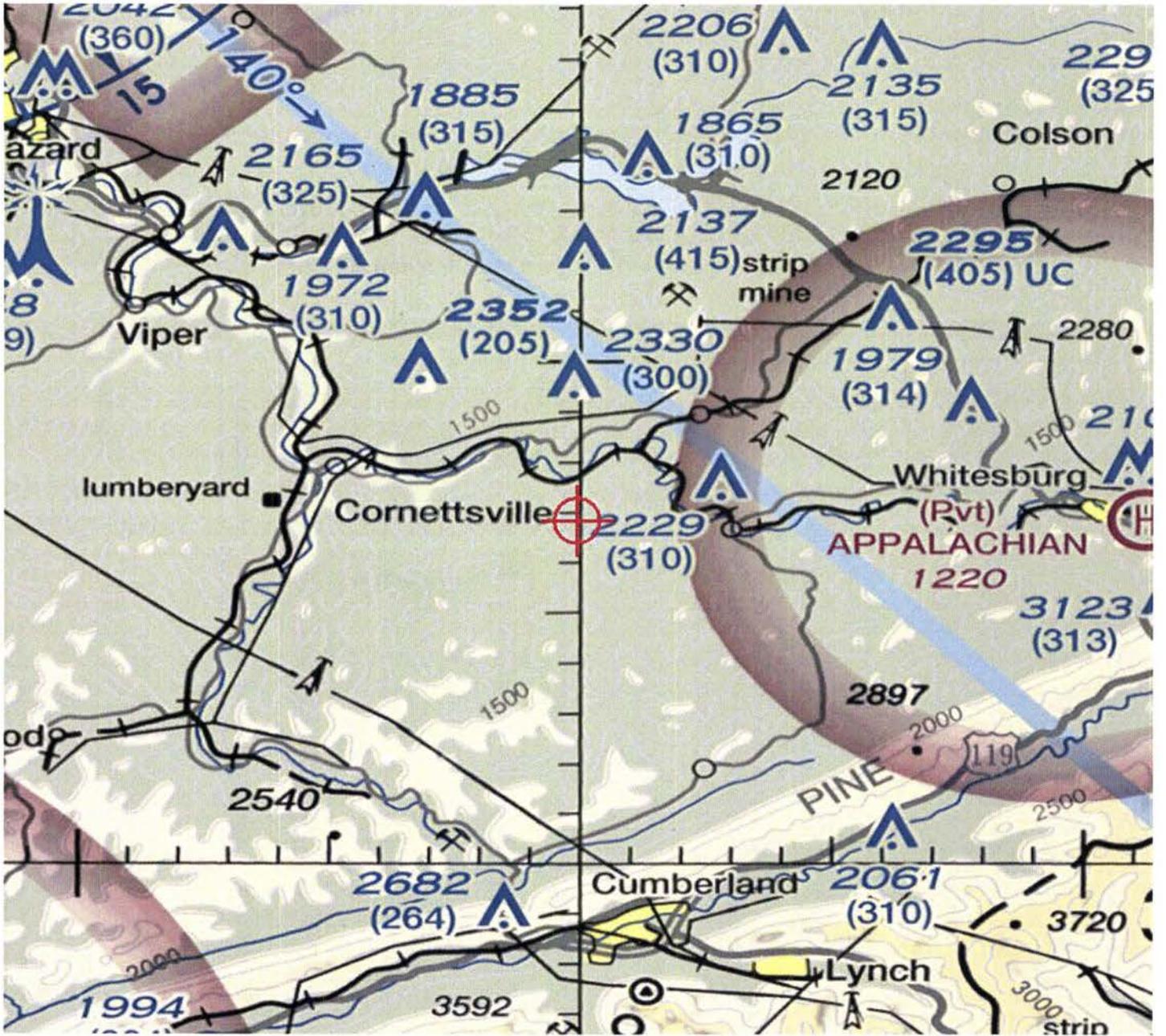


EXHIBIT F
KENTUCKY AIRPORT ZONING COMMISSION



KENTUCKY TRANSPORTATION CABINET
 KENTUCKY AIRPORT ZONING COMMISSION

TC 55-2
 Rev. 06/2016
 Page 2 of 2

APPLICATION FOR PERMIT TO CONSTRUCT OR ALTER A STRUCTURE

APPLICANT (name) John Monday		PHONE 855-699-7073	FAX 972-907-1131	KY AERONAUTICAL STUDY #	
ADDRESS (street) 3300 E. Renner Road, B3132		CITY Richardson		STATE TX	ZIP 75082
APPLICANT'S REPRESENTATIVE (name) Cody Knox		PHONE 318-355-6599	FAX N/A		
ADDRESS (street) 1975 Joe B Jackson Pkwy		CITY Murfreesboro		STATE TN	ZIP 37127
APPLICATION FOR <input checked="" type="checkbox"/> New Construction <input type="checkbox"/> Alteration <input type="checkbox"/> Existing				WORK SCHEDULE	
DURATION <input type="checkbox"/> Permanent <input type="checkbox"/> Temporary (months days)				Start	End
				TBD	
TYPE <input type="checkbox"/> Crane <input type="checkbox"/> Building <input checked="" type="checkbox"/> Antenna Tower <input type="checkbox"/> Power Line <input type="checkbox"/> Water Tank <input type="checkbox"/> Landfill <input type="checkbox"/> Other		MARKING/PAINTING/LIGHTING PREFERRED <input type="checkbox"/> Red Lights & Paint <input type="checkbox"/> White- medium intensity <input type="checkbox"/> White- high intensity <input checked="" type="checkbox"/> Dual- red & medium intensity white <input type="checkbox"/> Dual- red & high intensity white <input type="checkbox"/> Other			
LATITUDE 37° 6' 50.08 "		LONGITUDE 83° 00' 3.54 "		DATUM <input checked="" type="checkbox"/> NAD83 <input type="checkbox"/> NAD27 <input type="checkbox"/> Other	
NEAREST KENTUCKY City Hallie County Letcher		NEAREST KENTUCKY PUBLIC USE OR MILITARY AIRPORT Appalachian Regional Hospital (51KY)			
SITE ELEVATION (AMSL, feet) 1,807		TOTAL STRUCTURE HEIGHT (AGL, feet) 320		CURRENT (FAA aeronautical study #) PENDING	
OVERALL HEIGHT (site elevation plus total structure height, feet) 2,127				PREVIOUS (FAA aeronautical study #)	
DISTANCE (from nearest Kentucky public use or Military airport to structure) 9.03 NM				PREVIOUS (KY aeronautical study #)	
DIRECTION (from nearest Kentucky public use or Military airport to structure) West					
DESCRIPTION OF LOCATION (Attach USGS 7.5 minute quadrangle map or an airport layout drawing with the precise site marked and any certified survey.) 1A and Quad attached					
DESCRIPTION OF PROPOSAL AT&T proposes to construct a 305' cell tower with a 15' lightning rod for an overall height of 320'.					
FAA Form 7460-1 (Has the "Notice of Construction or Alteration" been filed with the Federal Aviation Administration?) <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes, when?					
CERTIFICATION (I hereby certify that all the above entries, made by me, are true, complete, and correct to the best of my knowledge and belief.)					
PENALTIES (Persons failing to comply with KRS 183.861 to 183.990 and 602 KAR 050 are liable for fines and/or imprisonment as set forth in KRS 183.990(3). Noncompliance with FAA regulations may result in further penalties.)					
NAME Michelle Ward	TITLE Sr. Real Estate Mgr.	SIGNATURE 		DATE 11/4/2020	
COMMISSION ACTION <input type="checkbox"/> Chairperson, KAZC <input type="checkbox"/> Administrator, KAZC					
<input type="checkbox"/> Approved	SIGNATURE		DATE		
<input type="checkbox"/> Disapproved					

**EXHIBIT G
GEOTECHNICAL REPORT**



GEOTECHNICAL DESKTOP REVIEW

January 28, 2021

Prepared For:

Mastec Network Solutions



**Hallie
13800689**

Proposed 320-Foot Self-Support Tower

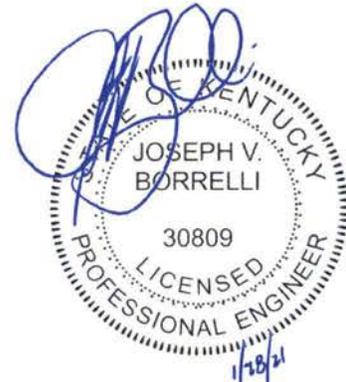
Kentucky Highway 1103, Hallie (Letcher County), Kentucky 41821
Latitude N 37°06'50.1" Longitude W 83°00'03.5"

Delta Oaks Group Project GEO20-07710-19
Revision 1

geotech@deltaoaksgroup.com

Prepared By:

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





INTRODUCTION

This preliminary geotechnical desktop review has been completed for the proposed 320-foot self-support tower located off Kentucky Highway 1103 in Hallie (Letcher County), Kentucky. The purpose of this review was to provide preliminary subsurface condition information in the general location of the proposed tower. Due to tree clearing, including bat trees, and significant grading required, it would not be possible for a geotechnical drill rig to access the center of the lease area. **The information in this report can be used for preliminary design considerations only. A final design should not be completed, nor should construction commence without a site-specific subsurface investigation at the proposed tower location.**

SITE CONDITION SUMMARY

The proposed tower and compound are located on a cleared hilltop exhibiting a generally flat to gradually sloping topography across the tower compound and subject property.

REFERENCES

- USDA Natural Resources Conservation Service Web Soil Survey Online Tool
- TIA Standard (TIA-222-G), dated August 2005

GENERAL SUBSURFACE CONDITION SUMMARY

The following provides a general overview of the subsurface conditions based on the data available to Delta Oaks Group from the USDA Websoil Survey and historical boring data from site locations within an approximate 10.0-mile radius of the proposed tower.

FILL

Based on data from the USDA Web Soil Survey and historical boring data, fill material is not common in this area; however, based on the aerial images of the proposed tower location, some clearing has been previously performed with the possibility of minor grading. Additionally, this region has the potential for coal mining, so there is the possibility of mine spoils at this location.

SOIL

Based on data from the USDA Web Soil Survey and historical boring data, the residual soil typically found in this area consists of sands and silts with a possibility of boulders and cobbles.

ROCK

Based on data from the USDA Web Soil Survey and historical boring data, rock should be expected to a depth greater than 6.0 feet bgs. The type of rock is typically sedimentary with the potential for coal seams.

SUBSURFACE WATER

Based on data from the USDA Web Soil Survey and historical boring data, subsurface water can be expected at depths greater than 6.0 feet bgs. 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 Letcher County, Kentucky is 30 inches (2.5 feet).



PRELIMINARY FOUNDATION DESIGN SUMMARY

In consideration of the data from the USDA Web Soil Survey and historical boring data, the "Sand" parameters shown below from TIA-222-G Annex F can be utilized for preliminary design considerations. Based on the frost depth in the area, shallow foundations should bear at a minimum depth of 2.5 feet bgs. Additionally, for drilled shafts or other deep foundation elements, skin friction should be ignored to a minimum depth of 3.0 feet bgs to account for the frost penetration and the potential disturbance during construction.

ANSI/TIA-222-G

ANNEX F: PRESUMPTIVE SOIL PARAMETERS (Normative)

This Annex provides presumptive soil parameters to be used in the absence of a geotechnical report. Clay soils are assumed to be non-expansive with a plasticity index less than 24. The presumptive soil parameters in this annex assume dry conditions (non-buoyant) with a soil electrical resistivity greater than 150 ohm-m and a soil pH value between 3 and 9 (Refer to 5.6.6). When the site location is unknown, the frost depth shall be equal to 3.5 ft. [1.1 m]. Presumptive soil parameters and assumptions shall be validated for a specific site prior to installation.

Table F-1: Presumptive Soil Parameters:

Soil Type	N (blows/ ft) [blows /m]	ϕ (deg)	γ (lb/ft ³) [kN/m ³]	c (psf) [kPa]	Ultimate Bearing (psf) [kPa]		S _f (psf) [kPa]	k (pci) [kN/m ³]	ϵ_{50}
					Shallow Fnds.	Deep Fnds.			
Clay	8 [26]	0	110 [17]	1000 [48]	5000 [240]	9000 [431]	500 [24]	150 [41,000]	.01
Sand	10 [33]	30	110 [17]	0	3000 [144]	7000 [335]	500 [24]	35 [9,500]	N/A

where:

N = standard penetration value

ϕ = angle of internal friction

γ = effective unit weight of soil

c = cohesion

S_f = ultimate skin friction

k = lateral modulus of soil reaction

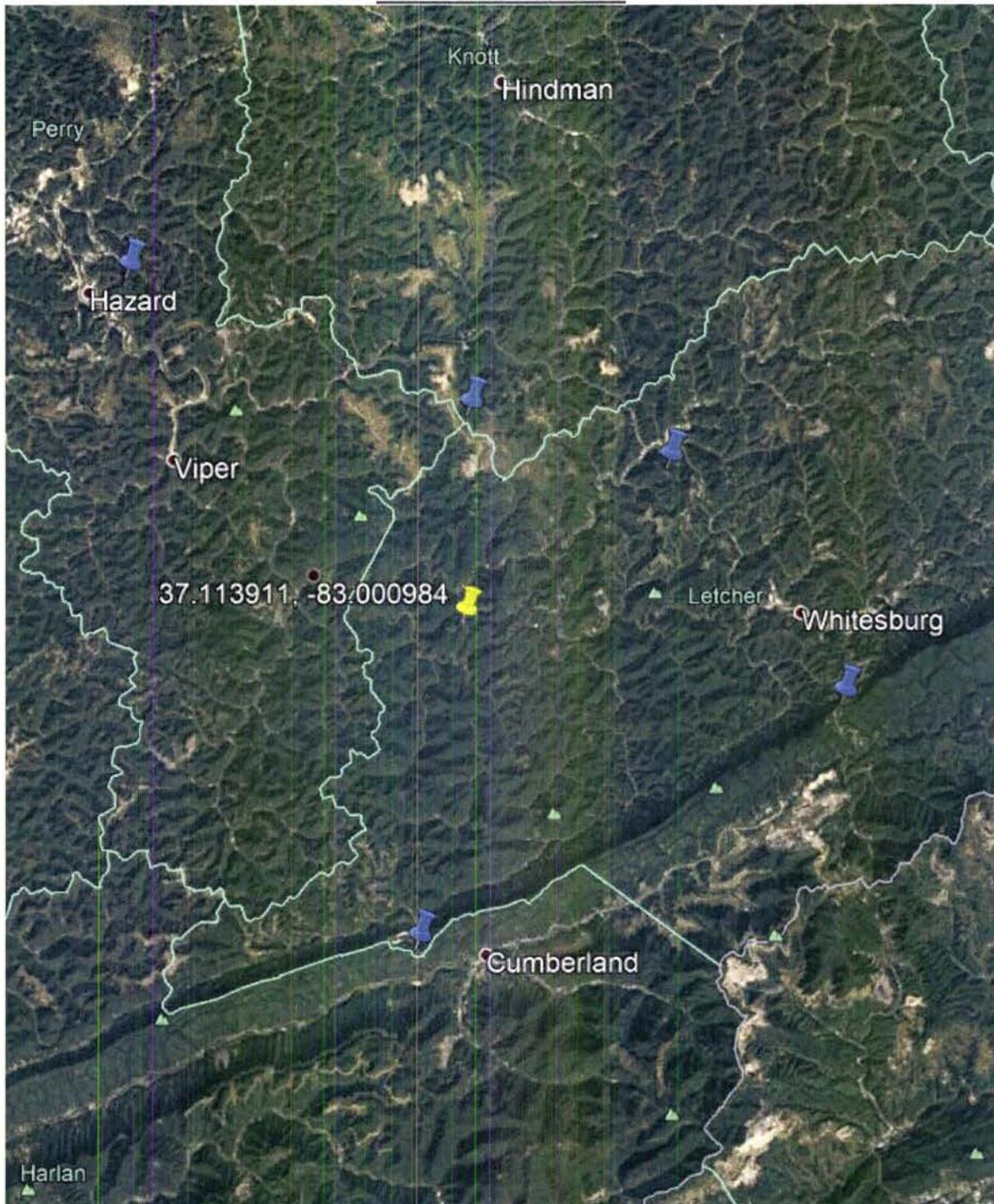
ϵ_{50} = strain at 50% of ultimate compression

Shallow Foundations – isolated foundations such as pier and pads and mats

Deep Foundations – drilled piers, piles, and drill and bell foundations

Note: Actual soil design parameters based on a geotechnical report with similar standard penetration values may vary from the tabulated values.

BORING LAYOUT



**The yellow marker indicates the proposed tower location. The blue markers indicate the locations of the historical soil boring data reviewed during this desktop review.*

EXHIBIT H
DIRECTIONS TO WCF SITE

Driving Directions to Proposed Tower Site

1. Beginning at the Letcher County Clerk's Office, located at 156 Main Street, Whitesburg, KY 41858, head northwest (toward Webb Street) on Main Street and travel approximately 79 feet.
2. Turn right onto N Webb Avenue and travel approximately 335 feet.
3. Turn left onto Church Street and travel approximately 262 feet.
4. Continue onto KY-15 BUS N / Hazard Road and travel approximately 0.9 miles.
5. Continue onto KY -15 N / State Hwy 931 and travel approximately 3.9 miles.
6. Turn left onto KY-160 S and travel approximately 6.5 miles.
7. Turn right onto State Hwy 588 and travel approximately 1.0 mile.
8. Turn left onto SE Road / Big Br-Tolson Cr Road and travel approximately 3.3 miles.
9. Turn right onto State Hwy 1103 and travel approximately 2.6 miles. The site is located on the right. The site address is: Kentucky Highway 1103, Hallie, KY 41821.
10. The site coordinates are:
 - a. North 37 deg 06 min 50.078671 sec
 - b. West 83° deg 00 min 03.542361 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: KYL06069
Cell Site Name: Hallie
Search Ring Name: Hallie
Fixed Asset Number: 13800689

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 Karen Yvonne Cornett, a single woman, having a mailing address of 225 Hoot Owl Hollow, Hallie, Kentucky 41821 (“**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 Linefork, Hallie, Kentucky 41821, in the County of Letcher, 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 the 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.

(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.

(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 Term if the Option is exercised, Landlord shall not initiate or consent to any change in the zoning of the Premises, the Property or the Surrounding Property or impose or consent to any other use or restriction that would prevent or limit Tenant from using the Premises for the Permitted Use. Any and all terms and conditions of this Agreement that by their sense and context are intended to be applicable during the Option Term shall be so applicable.

2. **PERMITTED USE.** Tenant may use the Premises for the transmission and reception of communications signals and the installation, construction, maintenance, operation, repair, replacement and upgrade of communications fixtures and related equipment, cables, accessories and improvements, which may include a suitable support structure ("**Structure**"), 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. 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 the 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, upon the same terms and conditions set forth herein, except that the Rent shall increase, in conjunction with the lease of the Additional Premises by the amount equivalent to the then-current per square foot rental rate charged by Landlord to Tenant times the square footage of the Additional Premises. Landlord agrees to take such actions and enter into and deliver to Tenant such documents as Tenant reasonably requests in order to effect and memorialize the lease of the Additional Premises to Tenant.

3. **TERM.**

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

(b) This Agreement will automatically renew for 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 Tenant's intention not to renew this Agreement at least sixty (60) days 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 [REDACTED]

[REDACTED] If Tenant remains in possession of the Premises after the termination of this Agreement, then Tenant will be deemed to be occupying the Premises on a month-to-month basis (the "Holdover Term"), subject to the terms and conditions of this Agreement.

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

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 forty-five (45) 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) All charges payable under this Agreement such as utilities and taxes shall be billed by Landlord within one (1) year from the end of the calendar year in which the charges were incurred; any charges beyond such period shall not be billed by Landlord, and shall not be payable by Tenant. The foregoing shall not apply to monthly Rent which is due and payable without a requirement that it be billed by Landlord. The provisions of this subsection shall survive the termination or expiration of this Agreement.

5. **APPROVALS.**

(a) Landlord agrees that Tenant's ability to use the Premises is contingent upon the suitability of the Premises and Property for 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 may also perform and obtain, at Tenant's sole cost and expense, soil borings, percolation tests, engineering procedures, environmental investigation or other tests or reports on, over, and under the Property, necessary to determine if Tenant's use of the Premises will be compatible with Tenant's engineering specifications, system, design, operations or Government Approvals.

6. **TERMINATION.** This Agreement may be terminated, without penalty or further liability, as follows:
(a) by either party on thirty (30) days prior written notice, if the other party remains in default under Section 15 of this Agreement after the applicable cure periods;

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

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

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

(e) by Tenant upon sixty (60) days' prior written notice to Landlord for any reason or no reason, so long as Tenant pays Landlord a termination fee [REDACTED] 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 18 Condemnation or Section 19 Casualty.

7. **INSURANCE.**

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

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

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

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

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

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

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

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

8. **INTERFERENCE.**

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

(b) Landlord will not grant, after the 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 will notify Tenant in writing prior to granting any third party the right to install and operate communications equipment on the Property.

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

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

9. INDEMNIFICATION.

(a) Tenant agrees to indemnify, defend and hold Landlord harmless from and against any and all injury, loss, damage or liability, 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, cost or expenses in connection with 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) 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 11 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 and its employees, agents, and subcontractors, will have twenty-four (24) hour per day, seven (7) day per week pedestrian and vehicular access ("**Access**") to and over the Property, from an open and improved public road to the Premises, for the installation, maintenance and operation of the Communication Facility and any utilities serving the Premises. As may be described more fully in **Exhibit 1**, Landlord grants to Tenant an easement for such Access and Landlord agrees to provide to Tenant such codes, keys and other instruments necessary for such Access to Tenant. Upon Tenant's request, Landlord will execute a separate recordable easement evidencing this right. Landlord shall execute a letter granting Tenant Access to the Property substantially in the form attached as **Exhibit 12**; upon Tenant's request, Landlord shall execute additional letters during the Term. 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 the 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. The parties hereto agree that Landlord shall not be responsible for constructing any access roads to the leased premises required by Tenant and that Landlord shall not be responsible for maintaining any such access roads.

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 condition at the commencement of the Agreement, 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 two-foot below grade. Notwithstanding the foregoing, Tenant will not be responsible for the replacement of any trees, shrubs, or other vegetation, nor will Tenant be required to remove from the Premises or the Property any underground utilities.

14. MAINTENANCE/UTILITIES.

(a) Tenant will keep and maintain the Premises in good condition, reasonable wear and tear and damage from the elements excepted.

(b) Tenant will be responsible for paying on a monthly or quarterly basis all utilities charges for electricity, telephone service or any other utility used or consumed by Tenant on the Premises. In the event Tenant cannot secure its own metered electrical supply, Tenant will have the right, at its own cost and expense, to sub-meter from Landlord. When sub-metering is required under this Agreement, Landlord will read the meter and provide Tenant with an invoice and usage data on a monthly basis. Tenant shall reimburse Landlord for such utility usage at the same rate charged to Landlord by the utility service provider. Landlord further agrees to provide the usage data and invoice on forms provided by Tenant and to send such forms to such address and/or agent designated by Tenant. Tenant will remit payment within sixty (60) days of receipt of the usage data and required forms. Landlord shall maintain accurate and detailed records of all utility expenses, invoices and payments applicable to Tenant's reimbursement obligations hereunder. Within fifteen (15) days after a request from Tenant, Landlord shall provide copies of such utility billing records to the Tenant in the form of copies of invoices, contracts and cancelled checks. If the utility billing records reflect an overpayment by Tenant, Tenant shall have the right to deduct the amount of such overpayment from any monies due to Landlord from Tenant.

(c) As noted in Section 0(c) above, any utility fee recovery by Landlord is limited to a twelve (12) month period. If Tenant submeters electricity from Landlord, Landlord agrees to give Tenant at least twenty-four (24) hours advance notice of any planned interruptions of said electricity. Landlord acknowledges that Tenant provides a communication service which requires electrical power to operate and must operate twenty-four (24) hours per day, seven (7) days per week. If the interruption is for an extended period of time, in Tenant's reasonable determination, Landlord agrees to allow Tenant the right to bring in a temporary source of power for the duration of the interruption. Landlord will not be responsible for interference with, interruption of or failure, beyond the reasonable control of Landlord, of such services to be furnished or supplied by Landlord.

(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, at no cost to Tenant or the service company.

15. DEFAULT AND RIGHT TO CURE.

(a) The following will be deemed a default by Tenant and a breach of this Agreement: (i) non-payment of Rent if such Rent remains unpaid for more than thirty (30) days after written notice from Landlord of such failure to pay; or (ii) Tenant's failure to perform any other term or condition under this Agreement within forty-five (45) days after written notice from Landlord specifying the failure. No such failure, however, will be deemed to exist if Tenant has commenced to cure such default within such period and provided that such efforts are prosecuted to completion with reasonable diligence. Delay in curing a default will be excused if due to causes beyond the reasonable control of Tenant. If Tenant remains in default beyond any applicable cure period, 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 twenty-four (24) hours after written notice of such failure; (ii) Landlord's failure to cure an interference problem as required by Section 8 within twenty-four (24) hours after written notice of such failure; or (iii) Landlord's failure to perform any term, condition or breach of any warranty or covenant under this Agreement within forty-five (45) days after written notice from Tenant specifying the failure. No such failure, however, will be deemed to exist if Landlord has commenced to cure the default within such period and provided such efforts are prosecuted to completion with reasonable diligence. Delay in curing a default will be excused if due to causes beyond the reasonable control of Landlord. If Landlord remains in default beyond any applicable cure period, Tenant will have: (i) the right to cure Landlord's default and to deduct the costs of such cure from any monies due to Landlord from Tenant, and (ii) any and all other rights available to it under law and equity.

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

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

If to Tenant: New Cingular Wireless PCS, LLC
Attn: Network Real Estate Administration
Re: Cell Site #: KYL06069; Cell Site Name: Hallie (KY)
Fixed Asset #: 13800689
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 #: KYL06069; Cell Site Name: Hallie (KY)
Fixed Asset #: 13800689
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: Karen Yvonne Cornett
225 Hoot Owl Hollow
Hallie, KY 41821

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 twenty-four (24) hours. If a condemning authority takes all of the Property, or a portion sufficient, in Tenant's sole determination, to render the Premises unsuitable for Tenant, this Agreement will terminate as of the date the title vests in the condemning authority. The parties will each be entitled to pursue their own separate awards in the condemnation proceeds, which for Tenant will include, where applicable, the value of its Communication Facility, moving expenses, prepaid Rent, and business dislocation expenses. Tenant will be entitled to reimbursement for any prepaid Rent on a *pro rata* basis.

19. **CASUALTY.** Landlord will provide notice to Tenant of any casualty or other harm affecting the Property within twenty-four (24) 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 written notice to Landlord, which termination will be effective as of the date of such casualty or other harm. Upon such termination, Tenant will be entitled to collect all insurance proceeds payable to Tenant on account thereof and to be reimbursed for any prepaid Rent on a *pro rata* basis. Landlord agrees to permit Tenant to place temporary transmission and reception facilities on the Property, but only until such time as Tenant is able to activate a replacement transmission facility at another location; notwithstanding the termination of 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 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 Property interfering with or required for Tenant's Permitted Use of the Premises to substantially the same condition as existed before the casualty or other harm. Landlord agrees that the Rent shall be abated until the Property and/or the Premises are rebuilt or restored, unless Tenant places temporary transmission and reception facilities on the Property.

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

21. **TAXES.**

(a) Landlord shall be responsible for (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 thirty (30) 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 thirty (30) days after Landlord's payment of the taxes or assessments for the assessed tax year, provide Tenant with written notice including evidence that Landlord has timely paid same, and Landlord shall provide to Tenant any other documentation reasonably requested by Tenant to allow Tenant to evaluate the payment and to reimburse Landlord.

(c) For any tax amount for which Tenant is responsible under this Agreement, Tenant shall have the right to contest, in good faith, the validity or the amount thereof using such administrative, appellate or other proceedings as may be appropriate in the jurisdiction, and may defer payment of such obligations, pay same under protest, or take such other steps as 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. The expense of any such proceedings shall be borne by Tenant and any refunds or rebates secured as a result of Tenant's action shall belong to Tenant, to the extent the amounts were originally paid by Tenant. In the event Tenant notifies Landlord by the due date for assessment of Tenant's intent to contest the assessment, Landlord shall not pay the assessment pending conclusion of the contest, unless required by applicable law.

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

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

(f) Any tax-related notices shall be sent to Tenant in the manner set forth in Section 17. 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. SALE OF PROPERTY.

(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 ten (10) days of such transfer, Landlord or its successor shall send the documents listed below in this Section 2222(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 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 by Tenant in its sole discretion. Landlord or Landlord's prospective purchaser shall reimburse Tenant for any costs and expenses of such testing. If the radio frequency propagation tests demonstrate levels of interference unacceptable to Tenant, Landlord shall be prohibited from selling, leasing or using any areas of the Property or the Surrounding Property for purposes of any installation, operation or maintenance of any other wireless 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 ninety (90) 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 ninety (90) 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"

By: Karen Yvonne Cornett

Print Name: Karen Yvonne Cornett

Date: 5/26/20



LANDLORD ACKNOWLEDGMENT

STATE OF Kentucky)
COUNTY OF Letcher) ss:

On the 26 day of May, 2020, before me, personally appeared Karen Yvonne Cornett, who acknowledged under oath, that she is the person named in the within instrument, and that she executed the same in her stated capacity as the voluntary act and deed of the Landlord for the purposes therein contained.

Kimberly J. Jaker
Notary Public: _____
My Commission Expires: 4/20/22

EXHIBIT 1

DESCRIPTION OF PROPERTY AND PREMISES

Page 1 of 3

to the Option and Land Lease Agreement dated June 11, 2020, by and between Karen Yvonne Cornett, a single woman, as Landlord, and New Cingular Wireless PCS, LLC, a Delaware limited liability company, as Tenant.

The Property is legally described as follows:

The following real property located in Letcher County, Kentucky and described as follows:

PARCEL I:

TRACT I

BEGINNING on a steel stake on Highway 1103 right of way; thence across the bottom in a straight line to a steel stake, witness a white walnut tree; thence down Line Fork Creek in a straight line for 81 feet to a steel stake on Wendell Whitaker line; thence in a straight line toward the highway and to a steel stake on Highway 1103 right of way; thence in a straight line with highway right of way back to the BEGINNING.

TRACT II

A certain tract or parcel of land lying in Letcher County, Kentucky, and described as follows:

BEGINNING on a steel stake above a sycamore tree on the Allard Watts and Squire Watts line; thence in a straight line up the hill to the top of hill and a steel stake; thence running with the top of hill with Bryan Watts line to a steel stake on Virgil Whitaker line; thence down the hill in a straight line with deep hollow to a steel

stake on Virgil Whitaker line; thence in a straight line back up the branch to the BEGINNING.

TRACT III

FIRST TRACT:

BEGINNING at a stake on the west side of Highway No. 1103; thence a straight line across bottom to a white walnut tree; thence a straight line to the Linefork Creek; thence following Linefork Creek in a southeast direction to Manus Ison and Mary Ison property line; thence following Manus Ison and Mary Ison's line in an eastern direction to Kentucky Highway No. 1103; thence following Kentucky highway property line in a northern direction to the Beginning stake.

SECOND TRACT:

BEGINNING at a point where Kentucky Highway 1103 and Cedar Grove School House property intersect; thence following line between Cedar Grove School House property to a point one hundred and ninety feet around mountain in a northern course to a point; thence down hill one hundred and ninety feet in a western course to a culvert under Ky. Highway 1103; thence following Kentucky Highway 1103 to the Beginning point. This lot shall be one hundred ninety feet square.

PARCEL II:

A certain tract or parcel of land situated on waters of Line Fork in Letcher County on the Pall Branch that runs in where Thomas Watts now lives and bounded as follows, to wit:

BEGINNING on a beech at the old sugar prannis on said branch a half mile and more from its mouth; thence running straight up the hill on the left hand side to the top of the ridge to the head of the branch and with the top around the head of said branch and down the other side opposite the beginning; thence straight down to the beginning so as to contain all the lands owned by us in said boundary containing one hundred acres, more or less.

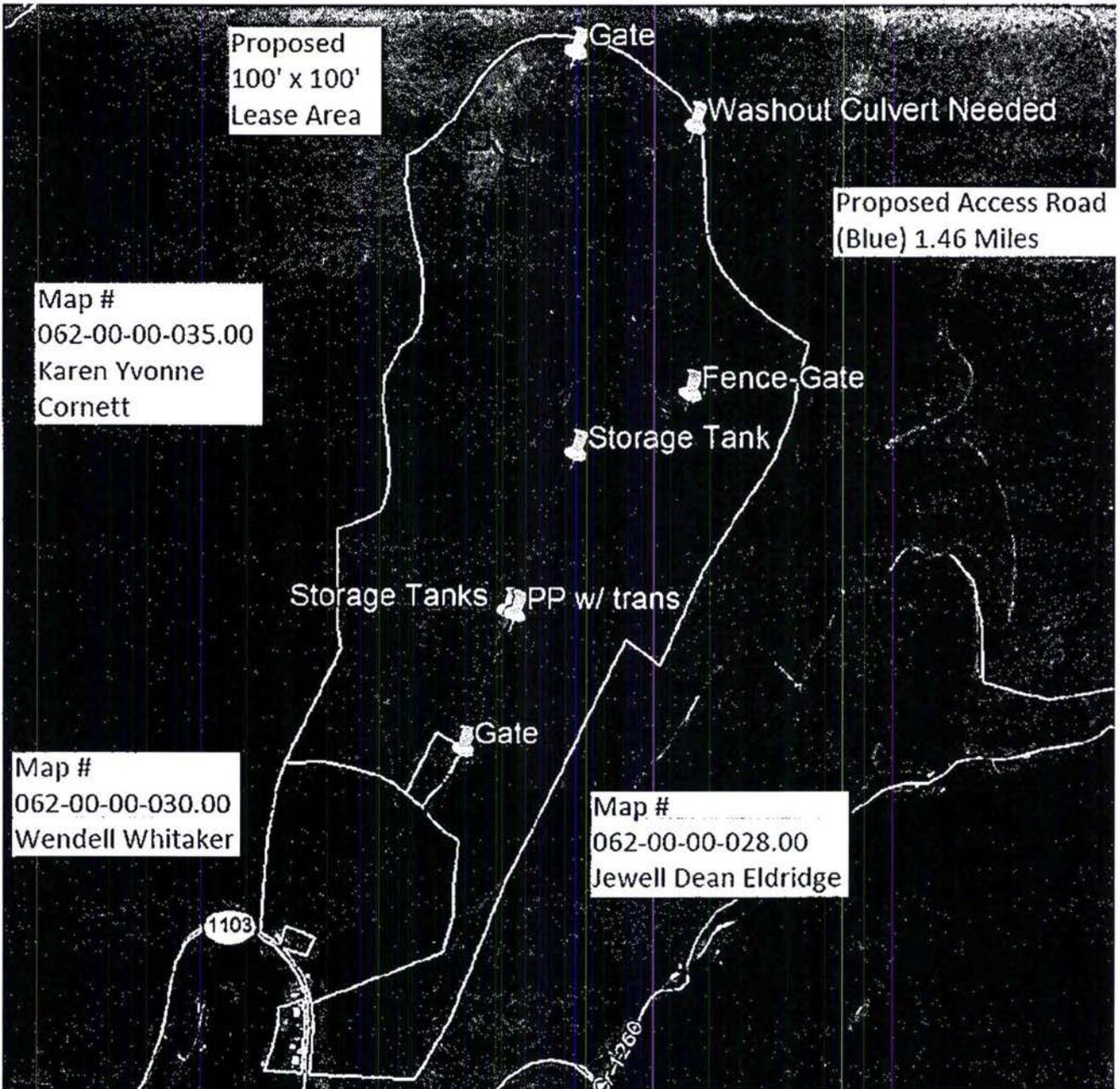
Being the same property conveyed to Josephine Cornett and James C. Cornett, her husband, by Karen Cornett, by Deed dated December 20, 2000, and recorded in Deed Book 352, Page 80, records of the Letcher County Court Clerk's Office.

Being the property conveyed to Karen Yvonne Cornett, by Deed dated May 23, 2018, and recorded on May 25, 2018 in Deed Book 440, Page 500, in the Office of the Letcher County Court Clerk.

Map Number/Parcel ID: 062-00-00-035.00

The Premises are described and/or depicted as follows:

An approximately 10,000 square foot portion (100' x 100') of the above-described Property, along with certain access and utility easements thereon, which Premises and easements are described and/or depicted as follows:



Notes:

1. THIS EXHIBIT MAY BE REPLACED BY A LAND SURVEY AND/OR CONSTRUCTION DRAWINGS OF THE PREMISES ONCE RECEIVED BY TENANT.
2. ANY SETBACK OF THE PREMISES FROM THE PROPERTY'S BOUNDARIES SHALL BE THE DISTANCE REQUIRED BY THE APPLICABLE GOVERNMENTAL AUTHORITIES.
3. WIDTH OF ACCESS ROAD SHALL BE THE WIDTH REQUIRED BY THE APPLICABLE GOVERNMENTAL AUTHORITIES, INCLUDING POLICE AND FIRE DEPARTMENTS.
4. THE TYPE, NUMBER AND MOUNTING POSITIONS AND LOCATIONS OF ANTENNAS AND TRANSMISSION LINES ARE ILLUSTRATIVE ONLY. ACTUAL TYPES, NUMBERS AND MOUNTING POSITIONS MAY VARY FROM WHAT IS SHOWN ABOVE.

{This Letter Goes On Landlord's Letterhead}

Date _____

Building Staff / Security Staff
Karen Yvonne Cornett
225 Hoot Owl Hollow
Hallie, KY 41821

Re: Authorized Access granted to AT&T

Dear Building and Security Staff,

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

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

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


Landlord Signature

**EXHIBIT J
NOTIFICATION LISTING**

Hallie – Notice List

CORNETT KAREN YVONNE
225 HOOT OWL HOLLOW
HALLIE, KENTUCKY 41821

KENTUCKY WEST VIRGINIA GAS CO
P O BOX 6135
PITTSBURG, PA 15212

ELDRIDGE JEWELL DEAN
1206 LONG BRANCH
HALLIE, KY 41821

ELDRIDGE KEVIN & MELINDA
5341 HWY 1103
HALLIE, KENTUCKY 41821

ISON MANUS & MARY
C/O CHERYL BRADLEY
526 BURTON HILL
LETCHER, KENTUCKY 41858

JENT JAMES E & NORMA
41 TOLBY BRANCH
HALLIE, KY 41821

STALLARD JR WILLIAM BOYD
192 TOLBY BRANCH
HALLIE, KY 41821

WHITAKER RICHARD AND NANCY
318 TOLBY BR
HALLIE, KY 41821

WHITAKER HUBERT
C/O RICHARD WHITAKER
318 TAULBEE BRANCH
HALLIE, KY 41821

GRIFFIE HASSEL
BERTHA DAY
598 TOLBY BR
HALLIE, KY 41821

CAUDILL GARY LEE & KATIE C
P O BOX 277
BLACKKEY, KENTUCKY 41804

CAUDILL BILL HEIRS
1120 OLD DIXON RD
BLACKKEY, KENTUCKY 41804

WATTS T J -HEIRS-
C/O MARTHA WATTS
984 TURKEY CREEK
HALLIE, KY 41821

WATTS HARRY
1278 HOOT OWL HOLLOW
HALLIE, KY 41821

WATTS J B
1278 HOOT OWL HOLLOW
HALLIE, KY 41821

WATTS GEORGE ANN MRS
C/O JAMES G WILLIAMS
PO BOX 213
BLACKKEY, KENTUCKY 41804

WATTS CURTIS & VIOLA
6230 HWY 1103
HALLIE, KY 41821

FIELDS JAMES D AND GRETHEL
966 TOLBY BRANCH
HALLIE, KY 41821

PRATT STEVEN & BARBARA
5300 HWY 1103
HALLIE, KY 41821

SPARKMAN DEWILLA & CHILDREN
18 CHANDLER DRIVE
HALLIE, KY 41821

WHITAKER WENDELL
BOX 5442 HWY 1103
HALLIE, KY 41821

COLOSI BETH
C/O VANDERBILT MORTGAGE
PO BOX 9800
MARYVILLE, TN 37802

EXHIBIT K
COPY OF PROPERTY OWNER NOTIFICATION



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: Hallie**

Dear Landowner:

New Cingular Wireless PCS, 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 on Kentucky Highway 1103, Hallie, KY 41821 (37° 06' 50.078671" North latitude, 83° 00' 03.542361" West longitude). The proposed facility will include a 305-foot tall tower, with an approximately 15-foot tall lightning arrester attached at the top, for a total height of 320-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 2021-00045 in any correspondence sent in connection with this matter.

In addition to expanding and improving voice and data service for AT&T mobile customers, this site will also provide wireless local loop ("WLL") broadband internet service to homes and businesses in the area. WLL will support internet access at the high speeds required to use and enjoy the most current business, education and entertainment technologies.

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 Letcher County Clerk's Office, located at 156 Main Street, Whitesburg, KY 41858, head northwest (toward Webb Street) on Main Street and travel approximately 79 feet.
2. Turn right onto N Webb Avenue and travel approximately 335 feet.
3. Turn left onto Church Street and travel approximately 262 feet.
4. Continue onto KY-15 BUS N / Hazard Road and travel approximately 0.9 miles.
5. Continue onto KY -15 N / State Hwy 931 and travel approximately 3.9 miles.
6. Turn left onto KY-160 S and travel approximately 6.5 miles.
7. Turn right onto State Hwy 588 and travel approximately 1.0 mile.
8. Turn left onto SE Road / Big Br-Tolson Cr Road and travel approximately 3.3 miles.
9. Turn right onto State Hwy 1103 and travel approximately 2.6 miles. The site is located on the right. The site address is: Kentucky Highway 1103, Hallie, KY 41821.
10. The site coordinates are:
 - a. North 37 deg 06 min 50.078671 sec
 - b. West 83° deg 00 min 03.542361 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 L
COPY OF COUNTY JUDGE/EXECUTIVE NOTICE



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

Terry Adams
Letcher County Judge Executive
156 Main Street, Suite 107
Whitesburg, KY 41858

**RE: Notice of Proposal to Construct Wireless Communications Facility
Kentucky Public Service Commission Docket No. 2021-00045
Site Name: Hallie**

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 on Kentucky Highway 1103, Hallie, KY 41821 (37° 06' 50.078671" North latitude, 83° 00' 03.542361" West longitude). The proposed facility will include a 305-foot tall tower, with an approximately 15-foot tall lightning arrestor attached at the top, for a total height of 320-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 2021-00045 in any correspondence sent in connection with this matter.

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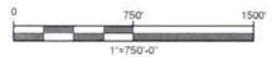
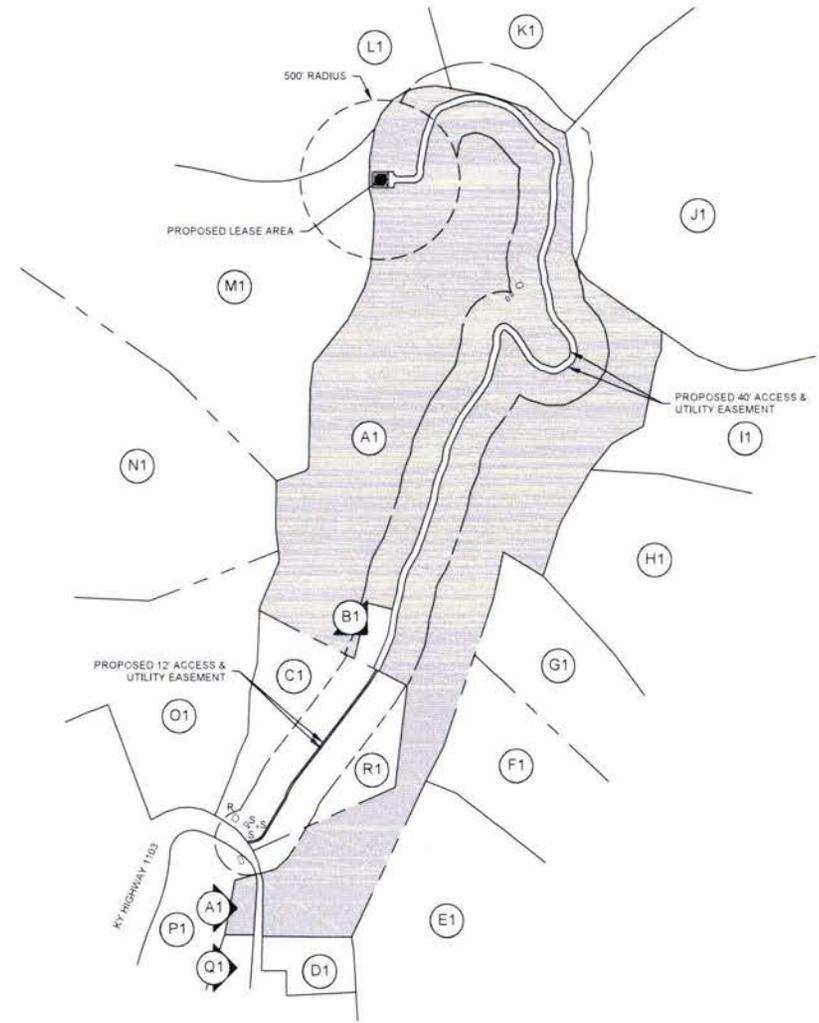
Sincerely,
David A. Pike
Attorney for Applicant
enclosures

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10. The site coordinates are:
 - a. North 37 deg 06 min 50.078671 sec
 - b. West 83° deg 00 min 03.542361 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



500' RADIUS AND ABUTTERS MAP
11"x17" SCALE: 1"=750'-0"

GENERAL NOTES:

1. ALL INFORMATION SHOWN HEREON WAS OBTAINED FROM THE INFORMATION DESCRIBED AND RECORDED FROM DEED BOOKS IN THE COUNTY CLERK'S OFFICE ON 11/30/20 AND RE-VERIFIED ON 12/30/20. THE PROPERTY VALUATION ADMINISTRATION RECORDS MAY NOT REFLECT THE CURRENT OWNERS AND ADDRESSES DUE TO THE COUNTY PROPERTY VALUATION ADMINISTRATION EXPRESSLY DISCLAIMS ANY WARRANTY FOR THE CONTENT AND ANY ERRORS CONTAINED IN THEIR FILES.
2. THIS MAP IS FOR GENERAL INFORMATIONAL PURPOSES ONLY AND IS NOT A BOUNDARY SURVEY
3. NOT FOR RECORDING OR PROPERTY TRANSFER

A1	PARCEL ID: 062-00-00-035.00 CORNETT KAREN YVONNE 225 HOOT OWL HOLLOW HALLIE KENTUCKY 41821 KENTUCKY WEST VIRGINIA GAS CO P O BOX 9135 PETERSBURG PA 15212	K1	PARCEL ID: 062-00-00-015.00 CAUDILL BILL HEIRS 1120 OLD DIXON RD BLACKKEY KENTUCKY 41804
B1	PARCEL ID: 062-00-00-028.00 ELDRIDGE JEWELL DEAN 1206 LONG BRANCH HALLIE KY 41821	L1	PARCEL ID: 062-00-00-003.00 WATTS T J HEIRS C/O MARTHA WATTS 984 TURKEY CREEK HALLIE KY 41821
C1	PARCEL ID: 062-00-00-030.03 ELDRIDGE KEVIN & MELINDA 5341 HWY 1103 HALLIE KENTUCKY 41821	M1	PARCEL ID: 062-00-00-026.00 WATTS GEORGE ANN MRS C/O JAMES G WILLIAMS PO BOX 2113 BLACKKEY KENTUCKY 41804
D1	PARCEL ID: 062-00-00-036.00 ISON MANUS & MARY C/O CHERYL BRADLEY 526 BURTON HILL LETCHER KENTUCKY 41858	N1	PARCEL ID: 062-00-00-025.00 WATTS CURTIS & VIOLA 6230 HWY 1103 HALLIE KY 41821
E1	PARCEL ID: 062-00-00-042.00 JENT JAMES E & NORMA 41 TOLBY BRANCH HALLIE KY 41821	O1	PARCEL ID: 062-00-00-024.00 FIELDS JAMES D AND GRETHEL 966 TOLBY BRANCH HALLIE KY 41821
F1	PARCEL ID: 062-00-00-044.00 STALLARD JR WILLIAM BOYD 192 TOLBY BRANCH HALLIE KY 41821	P1	PARCEL ID: 062-00-00-032.00 PRATT STEVEN & BARBARA 5300 HWY 1103 HALLIE, KY 41821
G1	PARCEL ID: 062-00-00-046.00 WHITAKER RICHARD AND NANCY 318 TOLBY BR HALLIE KY 41821	Q1	PARCEL ID: 062-00-00-038.00 SPARKMAN DEVILLA & CHILDREN 18 CHANDLER DRIVE HALLIE KY 41821
H1	PARCEL ID: 062-00-00-049.00 WHITAKER HUBERT C/O RICHARD WHITAKER 318 TAULBEE BRANCH HALLIE KY 41821	R1	PARCEL ID: 062-00-00-030.00 WATTS HARRY 1278 HOOT OWL HOLLOW HALLIE KY 41821
I1	PARCEL ID: 062-00-00-053.00 GRIFFIE HASSEL BERTHA DAY 598 TOLBY BR HALLIE KY 41821		EXISTING BUILDINGS B=BARN C=CHURCH G=GARAGE R=RESIDENCE S=SHED
J1	PARCEL ID: 062-00-00-017.00 CAUDILL GARY LEE & KATIE C P O BOX 277 BLACKKEY KENTUCKY 41804		



12/30/2020
RAPHAEL MOHAMED, P.E.
KENTUCKY LIC. NO. 24429

SUBMITTALS

DATE	DESCRIPTION	REV	ISSUED BY
12/30/2020	CONSTRUCTION	0	RM

DRAWN BY: CTS
CHECKED BY: C2R
APP'D BY: RM
MNS PROJECT NO: 21358

THE INFORMATION CONTAINED IN THESE DOCUMENTS IS PROPRIETARY IN NATURE. REPRODUCTION OR CAUSING TO BE REPRODUCED THE WHOLE OR ANY PART OF THESE DRAWINGS WITHOUT THE PERMISSION OF MASTEC NETWORK SOLUTIONS IS PROHIBITED.

PREPARED FOR

PREPARED BY

507 AIRPORT BLVD. SUITE 111
MORRISVILLE, NC 27560

SITE ID:
HALLIE

SITE NAME:
HALLIE

SITE ADDRESS:
**KENTUCKY HIGHWAY 1103
HALLIE, KY 41821**

FA LOCATION:
13800689

SHEET TITLE
**500' RADIUS AND
ABUTTERS MAP**

SHEET NUMBER
M-1



EXHIBIT M
COPY OF POSTED NOTICES
AND NEWSPAPER NOTICE ADVERTISEMENT

SITE NAME: HALLIE
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 2021-00045 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 2021-00045 in your correspondence.



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) 633-2252
VIA EMAIL: mtneagle@bellsouth.net

The Mountain Eagle
Attn: Public Notice Ad Placement
41 N Webb Street
Whitesburg, KY 41858

RE: Legal Notice Advertisement
Site Name: Hallie

Dear Staff:

Please publish the following legal notice advertisement in the next edition of *The Mountain Eagle*:

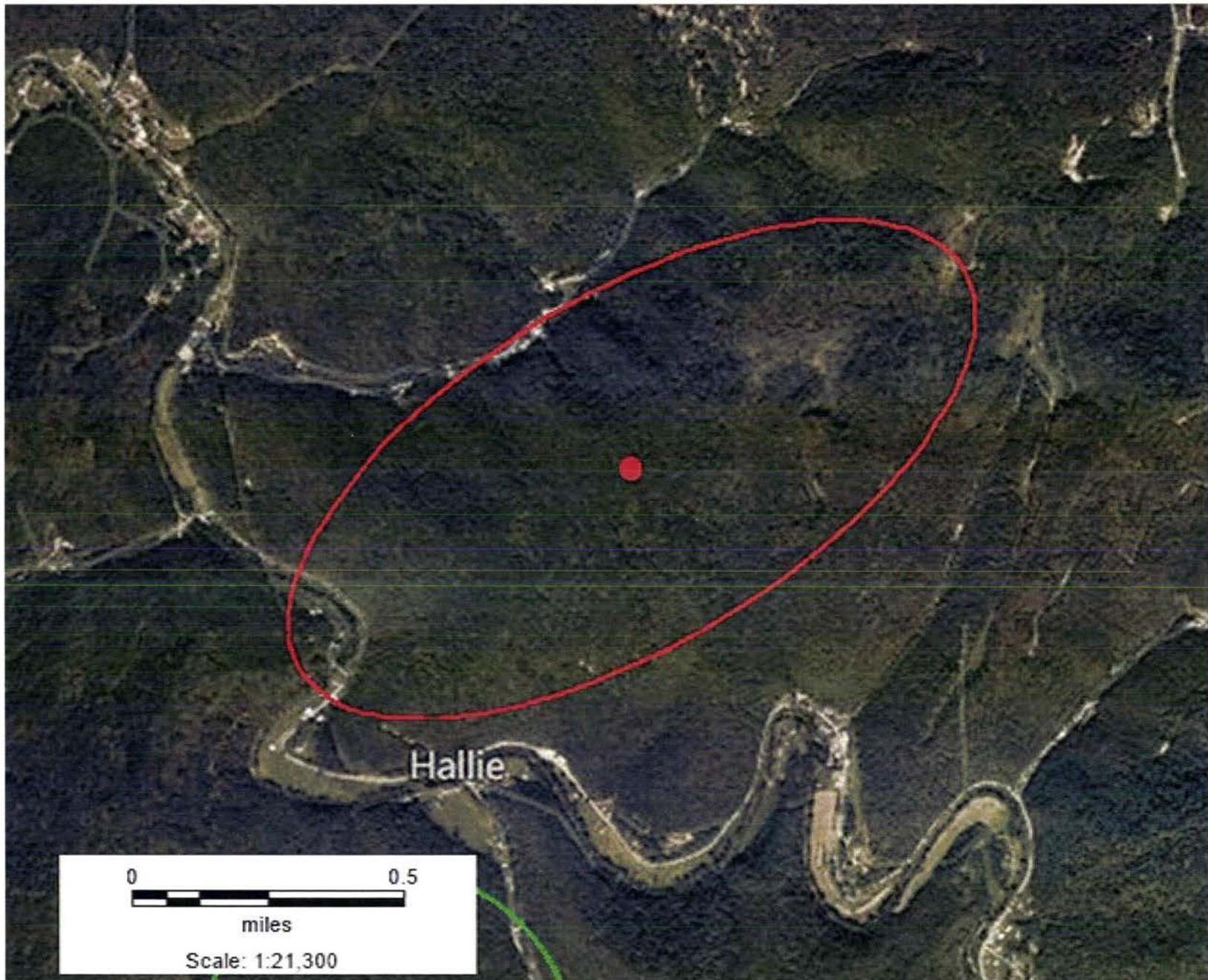
NOTICE

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 on Kentucky Highway 1103, Hallie, KY 41821 (37° 06' 50.078671" North latitude, 83° 00' 03.542361" 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 2021-00045 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: 37.108617

Hallie Search Area

Long: -83.011407

Radius: .7 miles/.3 miles