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APR 11 2014

PUBLIC SERVICE
COMMISSION

**COMMONWEALTH OF KENTUCKY
BEFORE THE PUBLIC SERVICE COMMISSION**

In the Matter of:

| | | |
|---|---|----------------------|
| THE APPLICATION OF |) | |
| NEW CINGULAR WIRELESS PCS, LLC |) | |
| FOR ISSUANCE OF A CERTIFICATE OF PUBLIC |) | CASE NO.: 2014-00135 |
| CONVENIENCE AND NECESSITY TO CONSTRUCT |) | |
| A WIRELESS COMMUNICATIONS FACILITY |) | |
| IN THE COMMONWEALTH OF KENTUCKY |) | |
| IN THE COUNTY OF JOHNSON |) | |

SITE NAME: NIPPA

**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 601 West Chestnut Street, Louisville, Kentucky 40203.

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

3. The Certificate of Authority filed with the Kentucky Secretary of State for the Applicant entity was attached to a prior application and is part of the case record for PSC case number 2011-00473 and is hereby incorporated by reference. AT&T Mobility is in good standing in the state in which it is organized and is authorized to transact business in Kentucky.

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

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

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

6. To address the above-described service needs, Applicant proposes to construct a WCF at Old U.S. 23, Wittensville, Kentucky 41274 (37° 51' 45.52" North latitude, 82° 47' 11.59" 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 Chris and Jennifer Ferguson pursuant to a Deed recorded at Deed Book 404, Page 672 in the office of the Johnson County Clerk. The proposed WCF will consist of a 255-foot tall tower, with an approximately 10-foot tall lightning arrestor attached at the top, for a total height of 265-feet. The WCF will also include concrete foundations and a shelter or cabinets to accommodate the placement of the Applicant's radio electronics equipment and appurtenant equipment. The Applicant's equipment cabinet or shelter will be approved for use in the Commonwealth of Kentucky by the relevant building inspector. The WCF compound will be fenced and all access gate(s) will be secured. A description of the manner in which the proposed WCF will be constructed is attached as **Exhibit B** and **Exhibit C**.

7. A list of utilities, corporations, or persons with whom the proposed WCF is likely to compete is attached as **Exhibit D**, along with a map of suitable scale showing the location of the proposed new construction as well as the location of any like facilities located anywhere within the map area, along with a map key showing the owner of such

other facilities.

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

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

10. Applicant has considered the likely effects of the installation of the proposed WCF on nearby land uses and values and has concluded that there is no more suitable location reasonably available from which adequate services can be provided, and that there are no reasonably available opportunities to co-locate Applicant's antennas on an existing structure. When suitable towers or structures exist, Applicant attempts to co-locate on existing structures such as communications towers or other structures capable of supporting Applicant's facilities; however, no other suitable or available co-location site was found to be located in the vicinity of the site. A report detailing Applicant's site selection process for the subject site (including documentation as to why co-location is not possible for this site) is attached as **Exhibit E**.

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

12. A copy of the Kentucky Airport Zoning Commission ("KAZC") Conditional Approval to construct the tower is attached as **Exhibit G**. There is a small discrepancy

between the coordinates on the KAZC approval and the FAA approval. KAZC has confirmed that this is within their margin of error and does not invalidate their approval.

13. A geotechnical engineering firm has performed soil boring(s) and subsequent geotechnical engineering studies at the WCF site. A copy of the geotechnical engineering report, signed and sealed by a professional engineer registered in the Commonwealth of Kentucky, is attached as **Exhibit H**. The name and address of the geotechnical engineering firm and the professional engineer registered in the Commonwealth of Kentucky who supervised the examination of this WCF site are included as part of this exhibit.

14. Clear directions to the proposed WCF site from the County seat are attached as **Exhibit I**. The name and telephone number of the preparer of **Exhibit I** are included as part of this exhibit.

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

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

17. The Construction Manager for the proposed facility is Tommy Bailey, and the identity and qualifications of each person directly responsible for design and construction of

the proposed tower are contained **Exhibits B & C**.

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

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

20. Applicant has notified every person who, according to the records of the County Property Valuation Administrator, owns property which is within 500 feet of the proposed tower or contiguous to the site property, by certified mail, return receipt requested, of the proposed construction. Each notified property owner has been provided with a map of the location of the proposed construction, the telephone number and 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 K** and **Exhibit L**, respectively.

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

22. Notice signs meeting the requirements prescribed by 807 KAR 5:063, Section 1(2) that measure at least 2 feet in height and 4 feet in width and that contain all required language in letters of required height, have been posted, one in a visible location on the proposed site and one on the nearest public road. Such signs shall remain posted for at least two weeks after filing of the Application, and a copy of the posted text is attached as **Exhibit N**. Notice of 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.

23. The general area where the proposed facility is to be located is atop a mountain. No residential structures are located within a 500-foot radius of the proposed tower location.

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

to radio frequency requirements is attached as **Exhibit O**.

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

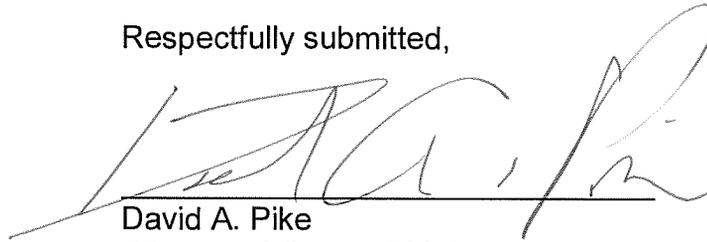
26. All responses and requests associated with this Application may be directed to:

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

Patrick W. Turner
General Attorney-Kentucky
AT&T Kentucky
1600 Williams Street
Suite 5200
Columbia, South Carolina 29201
Telephone: (803) 401-2900
Telefax: (803) 254-1731
Email: pt1285@att.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,

A handwritten signature in black ink, appearing to read "D. A. Pike", written over a horizontal line.

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

LIST OF EXHIBITS

- A - FCC License Documentation
- B - Site Development Plan:
 - 500' Vicinity Map
 - Legal Descriptions
 - Flood Plain Certification
 - Site Plan
 - Vertical Tower Profile
- C - Tower and Foundation Design
- D - Competing Utilities, Corporations, or Persons List and Map of Like Facilities in Vicinity
- E - Co-location Report
- F - FAA
- G - Kentucky Airport Zoning Commission
- H - Geotechnical Report
- I - Directions to WCF Site
- J - Copy of Real Estate Agreement
- K - Notification Listing
- L - Copy of Property Owner Notification
- M - Copy of County Judge/Executive Notice
- N - Copy of Posted Notices
- O - Copy of Radio Frequency Design Search Area

EXHIBIT A
FCC LICENSE DOCUMENTATION

ULS License

PCS Broadband License - KNLF235 - New Cingular Wireless PCS, LLC

| | | | |
|-----------|---------|---------------|--------------------|
| Call Sign | KNLF235 | Radio Service | CW - PCS Broadband |
| Status | Active | Auth Type | Regular |

Market

| | | | |
|-----------|----------------------------|------------------------------|---|
| Market | MTA018 - Cincinnati-Dayton | Channel Block | A |
| Submarket | 15 | Associated Frequencies (MHz) | 001850.00000000- 001865.00000000- 001930.00000000- 001945.00000000 |

Dates

| | | | |
|-----------|------------|--------------|------------|
| Grant | 07/18/2005 | Expiration | 06/23/2015 |
| Effective | 02/13/2014 | Cancellation | |

Buildout Deadlines

| | | | |
|-----|------------|-----|------------|
| 1st | 06/23/2000 | 2nd | 06/23/2005 |
|-----|------------|-----|------------|

Notification Dates

| | | | |
|-----|------------|-----|------------|
| 1st | 07/03/2000 | 2nd | 05/16/2005 |
|-----|------------|-----|------------|

Licensee

| | | | |
|-----|------------|------|---------------------------|
| FRN | 0003291192 | Type | Limited Liability Company |
|-----|------------|------|---------------------------|

Licensee

| | |
|--|---|
| New Cingular Wireless PCS, LLC 3300 E. Renner Road, B3132 Richardson, TX 75082 ATTN Reginald Youngblood | P:(855)699-7073 F:(972)907-1131 E:FCCMW@att.com |
|--|---|

Contact

| | |
|--|--|
| AT&T Mobility LLC Michael P Goggin 1120 20th Street, NW - Suite 1000 Washington, DC 20036 ATTN Michael P. Goggin | P:(202)457-2055 F:(202)457-3073 E:michael.p.goggin@att.com |
|--|--|

Ownership and Qualifications

| | |
|--------------------|---|
| Radio Service Type | Mobile |
| Regulatory Status | Common Carrier Interconnected Yes |

Alien Ownership

The Applicant answered "No" to each of the Alien Ownership questions.

Basic Qualifications

The Applicant answered "No" to each of the Basic Qualification questions.

Tribal Land Bidding Credits

This license did not have tribal land bidding credits.

ULS License

Cellular License - KNKN861 - NEW CINGULAR WIRELESS PCS, LLC

| | | | |
|-----------|---------|---------------|---------------|
| Call Sign | KNKN861 | Radio Service | CL - Cellular |
| Status | Active | Auth Type | Regular |

Market

| | | | |
|-----------|-------------------------------|---------------|---|
| Market | CMA451 - Kentucky 9 - Elliott | Channel Block | A |
| Submarket | 0 | Phase | 2 |

Dates

| | | | |
|-----------|------------|--------------|------------|
| Grant | 08/30/2011 | Expiration | 10/01/2021 |
| Effective | 02/14/2014 | Cancellation | |

Five Year Buildout Date

02/04/1997

Control Points

- 1650 Lyndon Farms Court, LOUISVILLE, KY
P: (502)329-4700
- 707 CONCORD ROAD, KNOXVILLE, TN

Licensee

| | | | |
|-----|------------|------|---------------------------|
| FRN | 0003291192 | Type | Limited Liability Company |
|-----|------------|------|---------------------------|

Licensee

| | |
|--|---|
| NEW CINGULAR WIRELESS PCS, LLC 3300 E. Renner Road, B3132 Richardson, TX 75082 ATTN Reginald Youngblood | P:(855)699-7073 F:(972)907-1131 E:FCCMW@att.com |
|--|---|

Contact

| | |
|--|--|
| AT&T MOBILITY LLC Michael P Goggin 1120 20th Street, NW - Suite 1000 Washington, DC 20036 ATTN Michael P. Goggin | P:(202)457-2055 F:(202)457-3073 E:michael.p.goggin@att.com |
|--|--|

Ownership and Qualifications

| | |
|--------------------|---|
| Radio Service Type | Mobile |
| Regulatory Status | Common Carrier Interconnected Yes |

Alien Ownership

The Applicant answered "No" to each of the Alien Ownership questions.

Basic Qualifications

The Applicant answered "No" to each of the Basic Qualification questions.

Demographics

| | |
|-----------|--------|
| Race | |
| Ethnicity | Gender |

EXHIBIT B

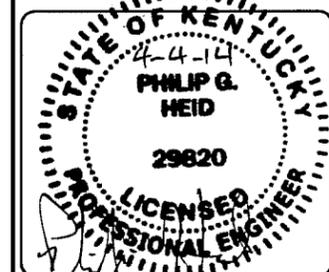
SITE DEVELOPMENT PLAN:

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



WESTOWER COMMUNICATIONS

BT Engineering, Inc. 3001 TAYLOR SPRINGS DRIVE LOUISVILLE, KENTUCKY 40220 (502) 459-8402 PHONE (502) 459-8427 FAX



SITE NAME: NIPPA
SITE ID NUMBER: KYALU6167
SITE ADDRESS: OLD US 23 WITTENSVILLE, KY 41274
LATITUDE: 37° 51' 45.52" N
LONGITUDE: 82° 47' 11.59" W
TAX MAP NUMBER: N/A
PARCEL NUMBER: 052-00-00-024.00
SOURCE OF TITLE: DEED BOOK 404, PAGE 672
PROPERTY OWNER: CHRIS & JENNIFER FERGUSON

Table with 3 columns: NO, REVISION/ISSUE, DATE. Contains revision history for the title sheet.

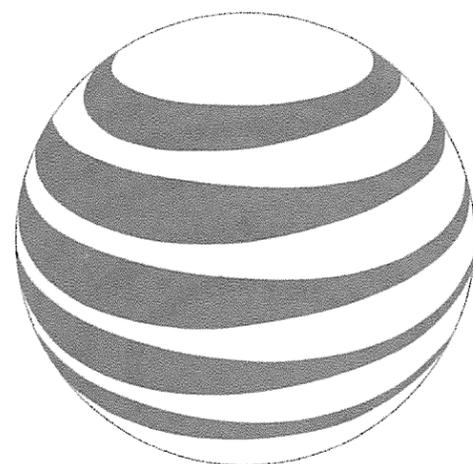
TITLE: TITLE SHEET

SHEET: T-1

NIPPA SITE ID: KYALU6167

OLD US 23 JOHNSON COUNTY WITTENSVILLE, KENTUCKY 41274

PROPOSED 255' SELF-SUPPORT WITH MULTIPLE EQUIPMENT LOCATIONS



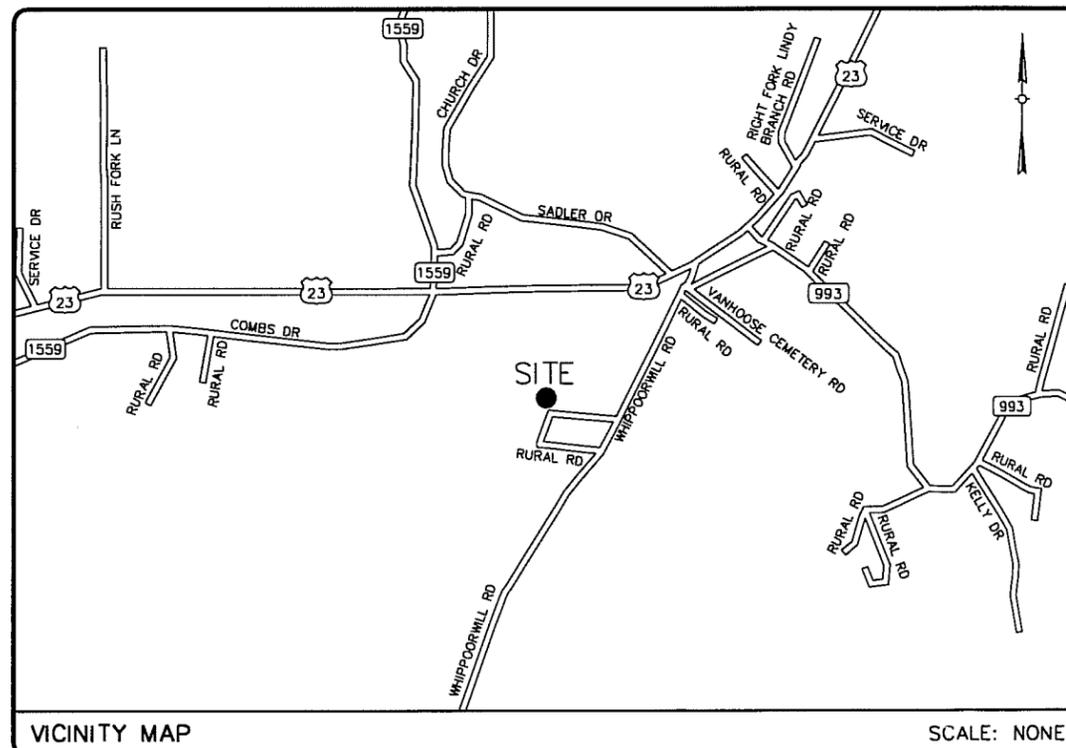
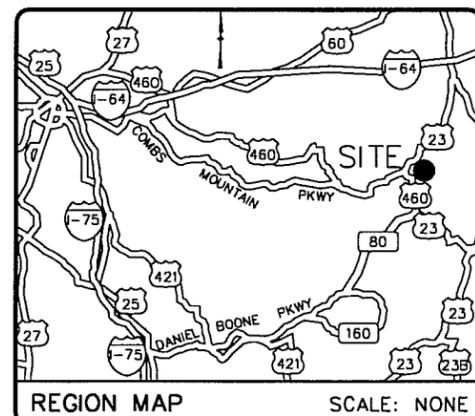
at&t

SCOPE OF WORK:

CONSTRUCTION DRAWINGS FOR: CONSTRUCTION OF A NEW UNMANNED TELECOMMUNICATIONS FACILITY.
SITE WORK: NEW SELF-SUPPORT TOWER, UNMANNED EQUIPMENT SHELTER AND GENERATOR ON A CONCRETE FOUNDATION, AND UTILITY INSTALLATIONS.

UTILITY PROTECTION NOTE

THE CONTRACTOR'S ATTENTION IS DIRECTED TO THE UTILITY PROTECTION CENTER, WHICH WAS ESTABLISHED TO PROVIDE ACCURATE LOCATIONS OF UNDERGROUND UTILITIES. THE CONTRACTOR SHALL NOTIFY THE UTILITY PROTECTION CENTER 48 HOURS IN ADVANCE OF ANY CONSTRUCTION ON THIS PROJECT.



BT Engineering, Inc. 3001 TAYLOR SPRINGS DRIVE LOUISVILLE, KENTUCKY 40220 (502) 459-8402 PHONE (502) 459-8427 FAX
DESIGN ENGINEERS

POD POWER OF DESIGN 26 VILLAGE PLAZA SHELBYVILLE, KY 40065
SURVEYOR

DIRECTIONS FROM COUNTY SEAT: FROM PAINTSVILLE AT THE CORNER OF COURT ST AND SR 40/2ND ST, PROCEED ON SR 40/2ND ST WEST APRX .50 MILES TO SR 321 AND TURN RIGHT. CONTINUE ON SR 321 APRX 1.45 MILES TO US 23 AND TURN RIGHT. PROCEED ON US 23 APRX 3.60 MILES TO VANHOOSE CEMETERY RD/WHIPPOORWILL RD AND TURN RIGHT. FOLLOW WHIPPOORWILL RD TO SITE ON RIGHT APRX .25 OF A MILE.
DIRECTIONS FROM WINCHESTER AT&T MTSO: STARTING AT 3800 CORPORATE DR WINCHESTER, KY, PROCEED TO THE COMBS MOUNTAIN PKWY AND CONTINUE FOR APRX 75 MILES TO US 460/SR 114. CONTINUE ON US 460/SR 114 APRX 2.0 MILES TO US 460 AND TURN LEFT. PROCEED ON US 460 APRX 13.50 MILES TO US 23 AND TURN LEFT. CONTINUE ON US 23 APRX 4.6 MILES TO VANHOOSE CEMETERY RD/WHIPPOORWILL RD AND TURN RIGHT. FOLLOW WHIPPOORWILL RD TO SITE ON RIGHT APRX .25 OF A MILE.
DIRECTIONS TO SITE

AT&T _____
WESTOWER _____ CONSTRUCTION MANAGER
WESTOWER _____ SITE ACQUISITION
SIGNATURE BOX

SITE NAME: NIPPA
SITE ID NUMBER: KYALU6167
SITE ADDRESS: OLD US 23 WITTENSVILLE, KY 41274
1A COORDINATES: LAT: 37° 51' 45.52" LONG: 82° 47' 11.59" ELEV: ±884' AMSL (NAVD 88)
PROPERTY OWNER: CHRIS & JENNIFER FERGUSON
APPLICANT: AT&T 601 W. CHESTNUT ST. 1 EAST LOUISVILLE, KENTUCKY 40203 CONTACT: MICHELLE WARD PHONE: (502) 779-5950
TAX MAP NUMBER: N/A
PARCEL NUMBER: 052-00-00-024.00
SOURCE OF TITLE: DEED BOOK 404, PAGE 672
LEASE AREA: 10,000 SF

PROJECT INFORMATION

SHEET INDEX table with columns: SHT NO., DESCRIPTION. Lists sheets T-1 through Z-6.

POLICE DEPARTMENT: PHONE: (606) 789-3411 JOHNSON CO SHERIFF
FIRE DEPARTMENT: PHONE: (606) 789-5200 JOHNSON CO FIRE & RESCUE
ELECTRIC COMPANY: AEP CONTACT: STEVE MARTIN PHONE: (606) 929-1458
TELEPHONE COMPANY: Foothills Rural Telephone Co-op CONTACT: CUSTOMER SERVICE PHONE: (606) 297-3501
CONTACT INFORMATION



SURVEY

| REV. | DATE | DESCRIPTION |
|------|----------|--------------|
| A | 03.21.14 | VERIFIED PVA |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |

SITE INFORMATION:

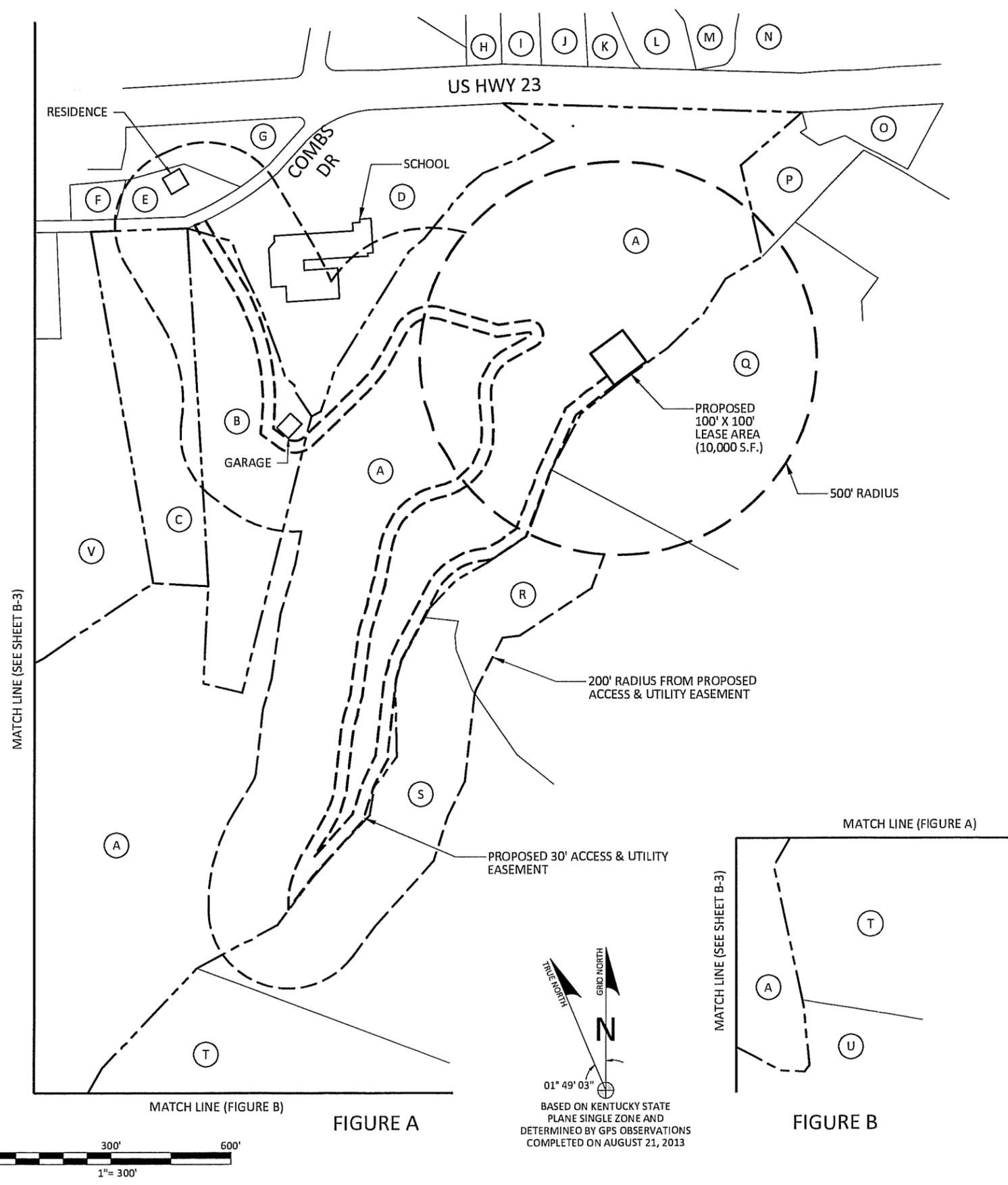
NIPPA
 OLD US 23
 WITTENSVILLE, KY 41274
 COUNTY: JOHNSON

SITE NUMBER:

POD NUMBER: 13-0884
 DRAWN BY: CSA
 CHECKED BY: MEP
 DATE: 10.08.13

SHEET TITLE:
**500' RADIUS &
 ABUTTER'S MAP**

SHEET NUMBER:
B-2



- (A) PARCEL # 052-00-00-024.00
CHRIS AND JENNIFER FERGUSON
PO BOX 625
WITTENSVILLE, KY 41274
D.B. 404, PG. 672
NO ZONING
- (B) PARCEL # 052-00-00-024.06
CHRIS AND JENNIFER FERGUSON
PO BOX 625
WITTENSVILLE, KY 41274
D.B. 386, PG. 187
NO ZONING
- (C) PARCEL # 052-00-00-024.01
CHRIS AND JENNIFER FERGUSON
PO BOX 625
WITTENSVILLE, KY 41274
D.B. 421, PG. 247
NO ZONING
- (D) PARCEL # 051-00-00-122.00
W R CASTLE MEMORIAL SCHOOL
C/O JOHNSON CO BRD OF ED
201 US 23
PAINTSVILLE, KY 41240
D.B. 145, PG. 167
NO ZONING
- (E) PARCEL # 052-00-00-023.00
ROBERTA CASTLE
591 COMBS DR
WITTENSVILLE, KY 41274
D.B. 414, PG. 307
NO ZONING
- (F) PARCEL # 052-00-00-023.03
JASON L AND KATHERINE M MEADE
PO BOX 584 559 COMBS DR
WITTENSVILLE, KY 41274
D.B. 418, PG. 195
NO ZONING
- (G) PARCEL # 051-00-00-115.00
YVONNE DAY
1158 SAY AVE
COLUMBUS, OH 43201
D.B. 389, PG. 299
NO ZONING
- (H) PARCEL # 051-00-00-101.09
TERESA L HENSLEY
4033 US 23 N
NIPPA, KY 41240
D.B. 377, PG. 062
NO ZONING
- (I) PARCEL # 051-00-00-101.08
TERESA L HENSLEY
4033 US 23 N
NIPPA, KY 41240
D.B. 425, PG. 786
NO ZONING
- (J) PARCEL # 051-00-00-105.01
MICHAEL AND VICKIE CASE
4083 US 23
NIPPA, KY 41240
D.B. 333, PG. 121
NO ZONING
- (K) PARCEL # 051-00-00-105.00
MICHAEL AND VICKIE CASE
4083 US 23
NIPPA, KY 41240
D.B. 354, PG. 789
NO ZONING
- (L) PARCEL # 051-00-00-100.00
MARK AND NANCY CANTRELL
11324 KENTUCKY ROUTE 172
FLAT GAP, KY 41219
D.B. 429, PG. 660
NO ZONING
- (M) PARCEL # 051-00-00-099.00
SHERRY MCCARTY
C/O FAMILY BANK
311 N ARNOLD AVE
STE 100
PRESTONSBURG, KY 41653
D.B. 383, PG. 185
NO ZONING
- (N) PARCEL # 051-00-00-097.00
DOUG AND BETSY VANHOOSE
PO BOX 683
PAINTSVILLE, KY 41240
NO DEED OF RECORD FOUND
NO ZONING
- (O) PARCEL # 052-00-00-029.03
WILLIAM C AND DORTHY CASTLE
PO BOX 229
WITTENSVILLE, KY 41274
D.B. 337, PG. 161
NO ZONING
- (P) PARCEL # 052-00-00-030.02
NO DEED OF RECORD FOUND
- (Q) PARCEL # 052-00-00-030.01
WILLIAM AND DOROTHY CASTLE
PO BOX 229
WITTENSVILLE, KY 41274
D.B. 312, PG. 73
NO ZONING
- (R) PARCEL # 052-00-00-026.08
NO DEED OF RECORD FOUND
- (S) PARCEL # 052-00-00-054.02
JAMES W LYON
PO BOX 725
SAYLERSVILLE, KY 41465
D.B. 409, PG. 138
NO ZONING
- (T) PARCEL # 052-00-00-053.02
NO DEED OF RECORD FOUND
- (U) PARCEL # 052-00-00-053.00
ROY L BURNS
794 WHIPPOORWILL RD
PAINTSVILLE, KY 41240
NO RECORD OF DEED
NO ZONING
- (V) PARCEL # 052-00-00-021.00
COLUMBUS H AND CLAIR PREECE
PO BOX 339
WITTENSVILLE, KY 41274
D.B. 345, PG. 532
NO ZONING

GENERAL NOTE:

- ALL INFORMATION SHOWN HEREON WAS OBTAINED FROM THE RECORDS OF THE JOHNSON COUNTY KENTUCKY PROPERTY VALUATION ADMINISTRATION OFFICE ON 8.21.13 AND UPDATED ON 3.21.14. THE PROPERTY VALUATION ADMINISTRATION RECORDS MAY NOT REFLECT THE CURRENT OWNERS AND ADDRESSES DUE TO THE INACCURACIES AND TIME LAPSE IN UPDATING FILES. POD AND THE COUNTY PROPERTY VALUATION ADMINISTRATION EXPRESSLY DISCLAIMS ANY WARRANTY FOR THE CONTENT AND ANY ERRORS CONTAINED IN THEIR FILES
- THIS MAP IS FOR GENERAL INFORMATIONAL PURPOSES ONLY AND IS NOT A BOUNDARY SURVEY
- NOT FOR RECORDING OR PROPERTY TRANSFER.

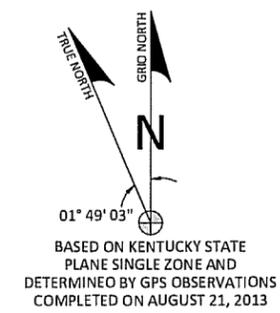
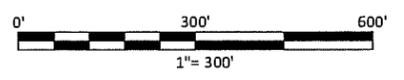


FIGURE A

FIGURE B



SURVEY

| REV. | DATE | DESCRIPTION |
|------|----------|--------------|
| A | 03.21.14 | VERIFIED PVA |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |

SITE INFORMATION:

NIPPA

OLD US 23
WITTVILLE, KY 41274
COUNTY: JOHNSON

SITE NUMBER:

POD NUMBER: 13-0884

DRAWN BY: CSA
CHECKED BY: MEP
DATE: 10.08.13

SHEET TITLE:

**500' RADIUS &
ABUTTER'S MAP**

SHEET NUMBER:

B-3

(A) PARCEL # 052-00-00-024.00
CHRIS AND JENNIFER FERGUSON
PO BOX 625
WITTVILLE, KY 41274
D.B. 404, PG. 672
NO ZONING

(U) PARCEL # 052-00-00-053.00
ROY L BURNS
794 WHIPPOORWILL RD
PAINTSVILLE, KY 41240
NO DEED OF RECORD FOUND
NO ZONING

(V) PARCEL # 052-00-00-021.00
COLUMBUS H AND CLAIR PREECE
PO BOX 339
WITTVILLE, KY 41274
D.B. 345, PG. 532
NO ZONING

(W) PARCEL # 052-00-00-020.04
BRIAN AND EDNA KENNARD
470 COMBS DR
WITTVILLE, KY 41274
D.B. 386, PG. 456
NO ZONING

(X) PARCEL # 052-00-00-020.01
CHRIS AND JENNIFER FERGUSON
PO BOX 625
WITTVILLE, KY 41274
D.B. 431, PG. 132
NO ZONING

(Y) PARCEL # 052-00-00-019.00
M T WOMACK, JR
422 COMBS DR
WITTVILLE, KY 41274
NO DEED OF RECORD FOUND
NO ZONING

(Z) PARCEL # 052-00-00-018.00
HUBERT AND LINDA L SLOANE
PO BOX 474
WITTVILLE, KY 41274
D.B. 404, PG. 672
NO ZONING

(AA) PARCEL # 052-00-00-017.00
ARBIE COMBS
C/O DIANA COMBS
209 JULIA AVE
DAYTON, OH 45405
NO DEED OF RECORD FOUND
NO ZONING

(BB) PARCEL # 052-00-00-015.00
NO DEED OF RECORD FOUND

(CC) PARCEL # 052-00-00-062.03
DANNY AND DIANA S HOUSTON
PO BOX 255
WITTVILLE, KY 41274
D.B. 359, PG. 569
NO ZONING

(DD) PARCEL # 052-00-00-020.00
CHRIS AND JENNIFER FERGUSON
PO BOX 625
WITTVILLE, KY 41274
D.B. 431, PG. 132
NO ZONING

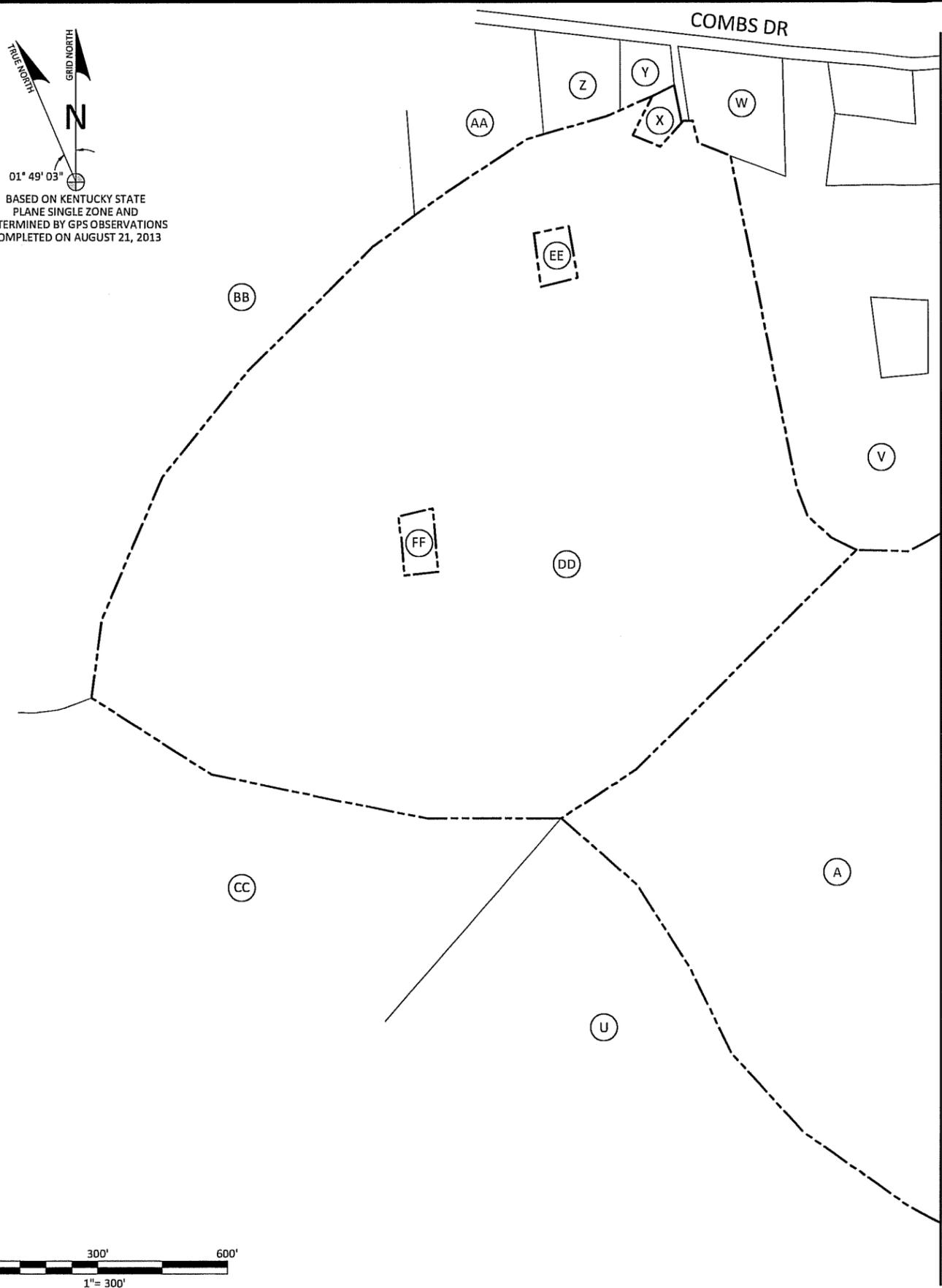
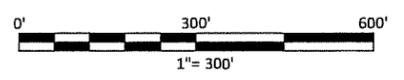
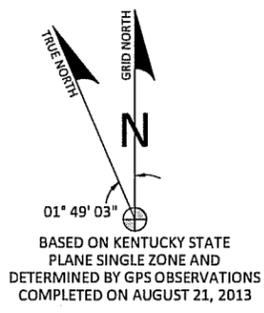
(EE) PARCEL # 052-00-00-020.02
MCCLURE CEMETERY
C/O CHESTER MCCLURE
470 COMBS DR
WITTVILLE, KY 41274
NO DEED OF RECORD FOUND
NO ZONING

(FF) PARCEL # 052-00-00-020.03
MCKENZIE CEMETERY
C/O CHESTER MCCLURE
470 COMBS DR
WITTVILLE, KY 41274
NO DEED OF RECORD FOUND
NO ZONING

MATCH LINE (SEE SHEET B-2)

GENERAL NOTE:

1. ALL INFORMATION SHOWN HEREON WAS OBTAINED FROM THE RECORDS OF THE JOHNSON COUNTY KENTUCKY PROPERTY VALUATION ADMINISTRATION OFFICE ON 8.21.13 AND UPDATED ON 3.21.14. THE PROPERTY VALUATION ADMINISTRATION RECORDS MAY NOT REFLECT THE CURRENT OWNERS AND ADDRESSES DUE TO THE INACCURACIES AND TIME LAPSE IN UPDATING FILES. POD AND 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.



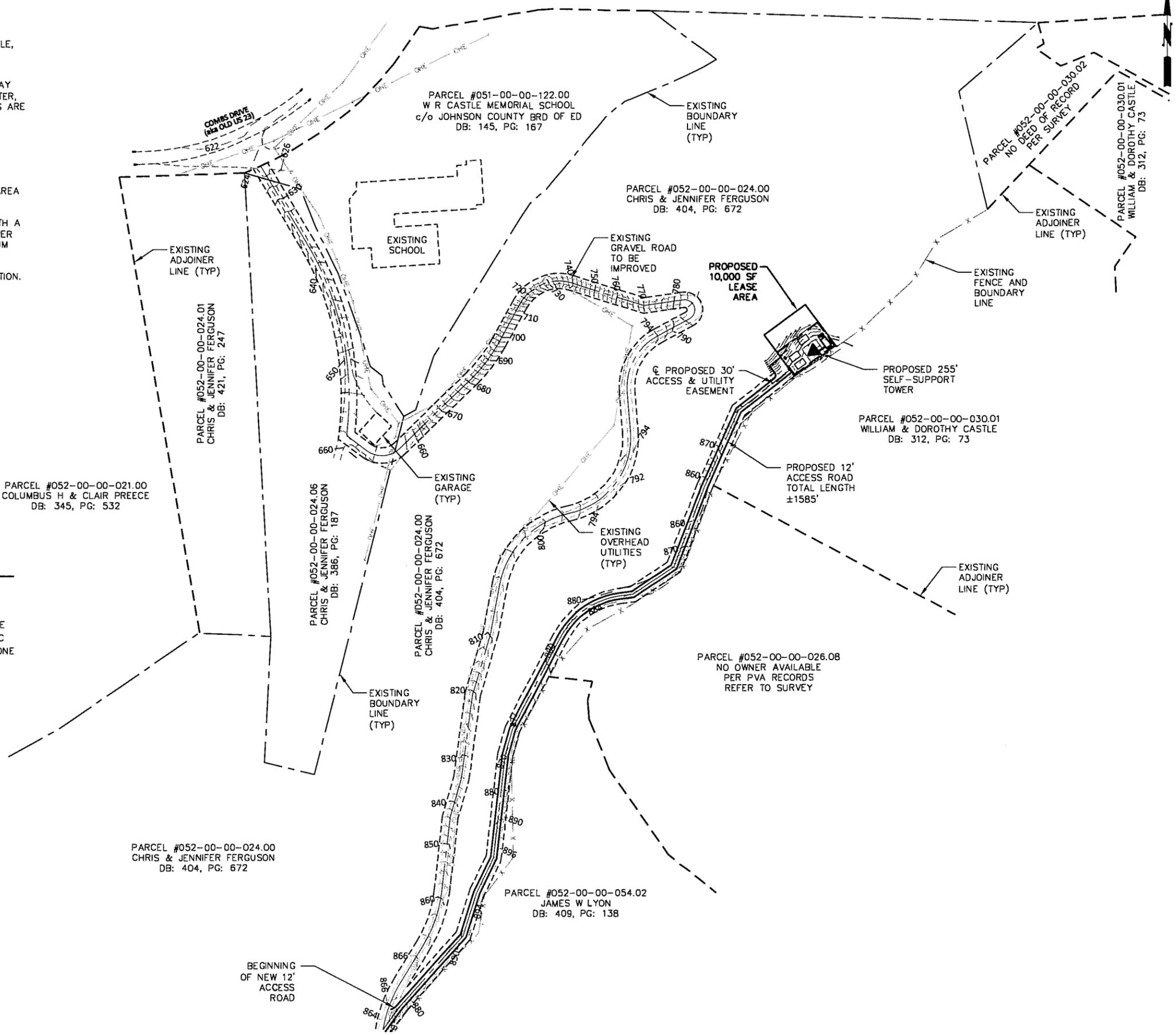
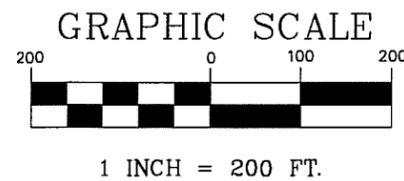
SITE PLAN NOTES

1. THE PROPOSED DEVELOPMENT IS FOR A 255 FOOT SELF-SUPPORT TOWER AND MULTIPLE EQUIPMENT LOCATIONS. THE LOCATION IS OLD US 23, WITTENSVILLE, KY 41274.
2. THE TOWER WILL BE ACCESSED BY A PROPOSED STABILIZED DRIVE FROM AN EXISTING GRAVEL ROADWAY (OLD US 23) WHICH IS A PUBLIC RIGHT OF WAY. WATER, SANITARY SEWER, AND WASTE COLLECTIONS SERVICES ARE NOT REQUIRED FOR THE PROPOSED DEVELOPMENT.
3. CENTERLINE OF PROPOSED TOWER GEOGRAPHIC LOCATIONS:
LATITUDE: 37° 51' 45.52"N
LONGITUDE: 82° 47' 11.59"W
4. REMOVE ALL VEGETATION, CLEAN AND GRUB LEASE AREA (WHERE REQUIRED).
5. FINISH GRADING TO PROVIDE EFFECTIVE DRAINAGE WITH A SLOPE OF NO LESS THAN ONE EIGHTH INCH (1/8") PER FOOT FLOWING AWAY FROM EQUIPMENT FOR A MINIMUM DISTANCE OF SIX FEET (6') IN ALL DIRECTIONS.
6. LOCATE ALL U.G. UTILITIES PRIOR TO ANY CONSTRUCTION.
7. COMPOUND FINISHED SURFACE TO BE FENCED

UNDERGROUND UTILITIES
CALL 2 WORKING DAYS
BEFORE YOU DIG
INDIANA 1-800-382-5544
KENTUCKY 1-800-752-6007
OR DIAL 811
UTILITIES PROTECTION SERVICE
NON-MEMBERS MUST CALL DIRECTLY

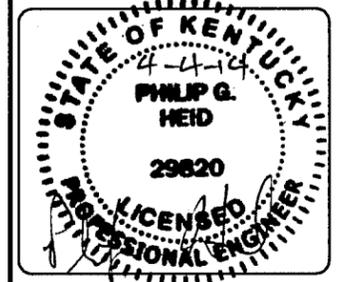
LEGEND

| | |
|--------------|--------------------------------|
| —E— | EXISTING OVERHEAD ELECTRIC |
| —T— | EXISTING OVERHEAD TELEPHONE |
| —UE— | EXISTING UNDERGROUND ELECTRIC |
| —UT— | EXISTING UNDERGROUND TELEPHONE |
| —UE—UE— | PROPOSED UNDERGROUND ELECTRIC |
| —UT—UT— | PROPOSED UNDERGROUND TELEPHONE |
| —x—x— | FENCE LINE |
| ⊕ | POWER POLE |
| □ TELE. PED. | TELEPHONE PEDESTAL |
| ⊗ | WATER VALVES |
| ⊗ | FIRE HYDRANTS |
| ⊗ | BOLLARDS |
| ⊗ | GAS VALVES |



WesTower COMMUNICATIONS

BT Engineering, Inc.
3001 TAYLOR SPRINGS DRIVE
LOUISVILLE, KENTUCKY 40220
(502) 459-8402 PHONE
(502) 459-8427 FAX



SITE NAME: NIPPA

SITE ID NUMBER: KYALU6167

SITE ADDRESS: OLD US 23
WITTENSVILLE, KY 41274

LATITUDE: 37° 51' 45.52" N
LONGITUDE: 82° 47' 11.59" W

TAX MAP NUMBER: N/A

PARCEL NUMBER: 052-00-00-024.00

SOURCE OF TITLE:
DEED BOOK 404, PAGE 672

PROPERTY OWNER:
CHRIS & JENNIFER FERGUSON
PO BOX 625
WITTENSVILLE, KY 41274
CONTACT: CHRIS FERGUSON
PHONE: (606) 793-2894

| NO | REVISION/ISSUE | DATE |
|----|---------------------|----------|
| 1 | ISSUE FOR COMMENT | 12/09/13 |
| 2 | REISSUE FOR COMMENT | 01/06/14 |
| 3 | ISSUE FOR CONST | 03/19/14 |
| 4 | REISSUE FOR CONST | 04/04/14 |
| | | |
| | | |

TITLE: **OVERALL SITE LAYOUT**

SHEET: **Z-2**

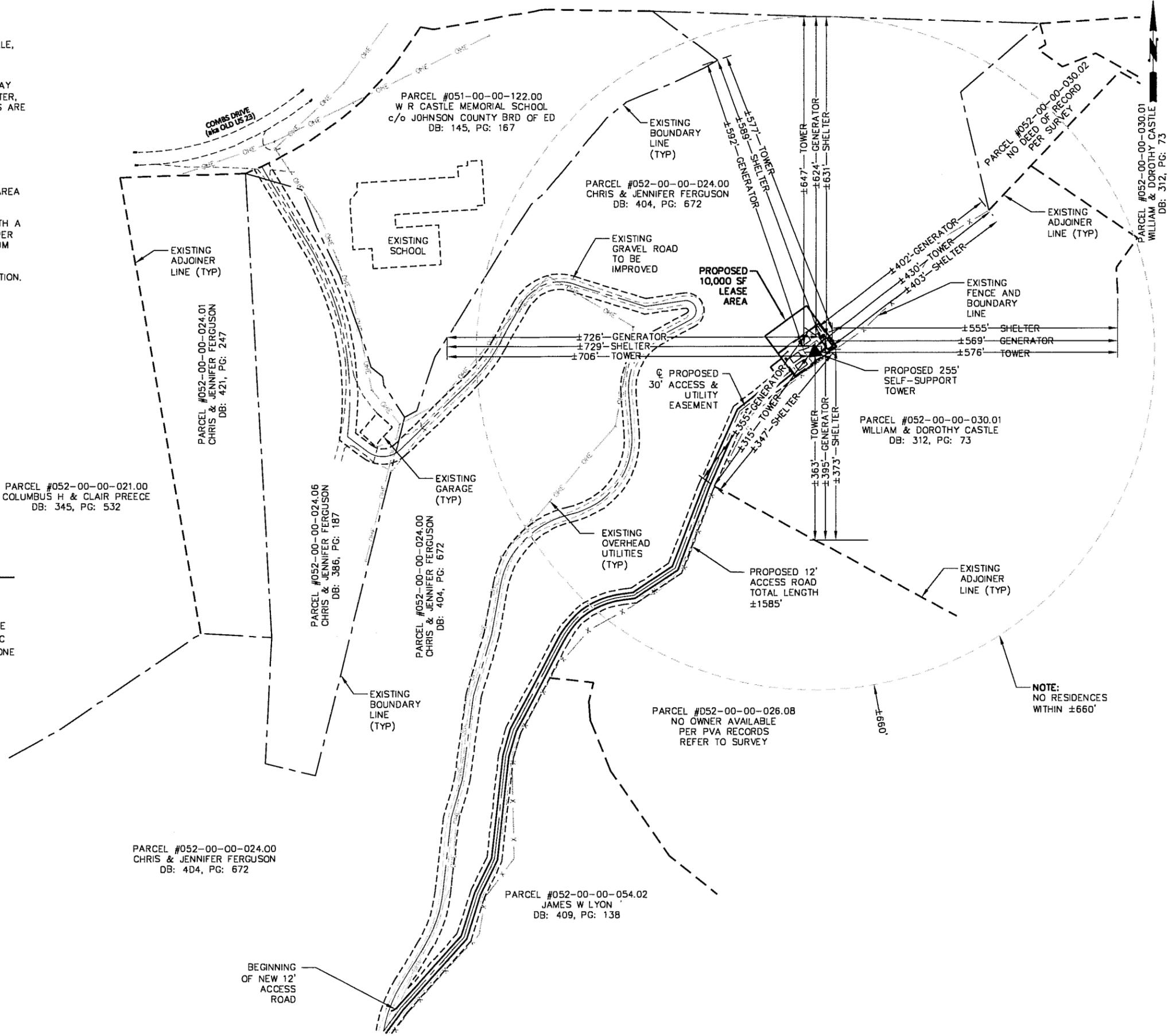
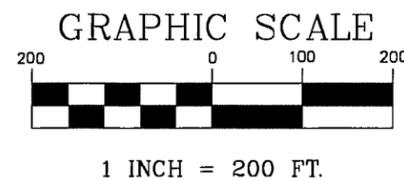
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6. LOCATE ALL U.G. UTILITIES PRIOR TO ANY CONSTRUCTION.
7. COMPOUND FINISHED SURFACE TO BE FENCED

UNDERGROUND UTILITIES
 CALL 2 WORKING DAYS
BEFORE YOU DIG
 INDIANA 1-800-382-5544
 KENTUCKY 1-800-752-6007
 OR DIAL 811
 UTILITIES PROTECTION SERVICE
 NON-MEMBERS MUST CALL DIRECTLY

LEGEND

- E— EXISTING OVERHEAD ELECTRIC
- T— EXISTING OVERHEAD TELEPHONE
- UE— EXISTING UNDERGROUND ELECTRIC
- UT— EXISTING UNDERGROUND TELEPHONE
- - -UE- - - PROPOSED UNDERGROUND ELECTRIC
- - -UT- - - PROPOSED UNDERGROUND TELEPHONE
- x-x- FENCE LINE
- POWER POLE
- TELE PED
- TELE PED
- ⊗ WATER VALVES
- ⊗ FIRE HYDRANTS
- ⊗ BOLLARDS
- ⊗ GAS VALVES



WesTower COMMUNICATIONS

3001 TAYLOR SPRINGS DRIVE
 LOUISVILLE, KENTUCKY 40220
 (502) 459-8402 PHONE
 (502) 459-8427 FAX

STATE OF KENTUCKY
 4-4-14
PHILIP G. HEID
 29820
 LICENSED PROFESSIONAL ENGINEER

SITE NAME: NIPPA

SITE ID NUMBER: KYALU6167

SITE ADDRESS: OLD US 23
 WITTENSVILLE, KY 41274

LATITUDE: 37° 51' 45.52" N
 LONGITUDE: 82° 47' 11.59" W

TAX MAP NUMBER: N/A

PARCEL NUMBER: 052-00-00-024.00

SOURCE OF TITLE:
 DEED BOOK 404, PAGE 672

PROPERTY OWNER:
 CHRIS & JENNIFER FERGUSON
 PO BOX 625
 WITTENSVILLE, KY 41274
 CONTACT: CHRIS FERGUSON
 PHONE: (606) 793-2894

| NO | REVISION/ISSUE | DATE |
|----|---------------------|----------|
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| 2 | REISSUE FOR COMMENT | 01/06/14 |
| 3 | ISSUE FOR CONST | 03/19/14 |
| 4 | REISSUE FOR CONST | 04/04/14 |

TITLE: **OVERALL SITE LAYOUT**

SHEET: **Z-2A**

SITE PLAN NOTES

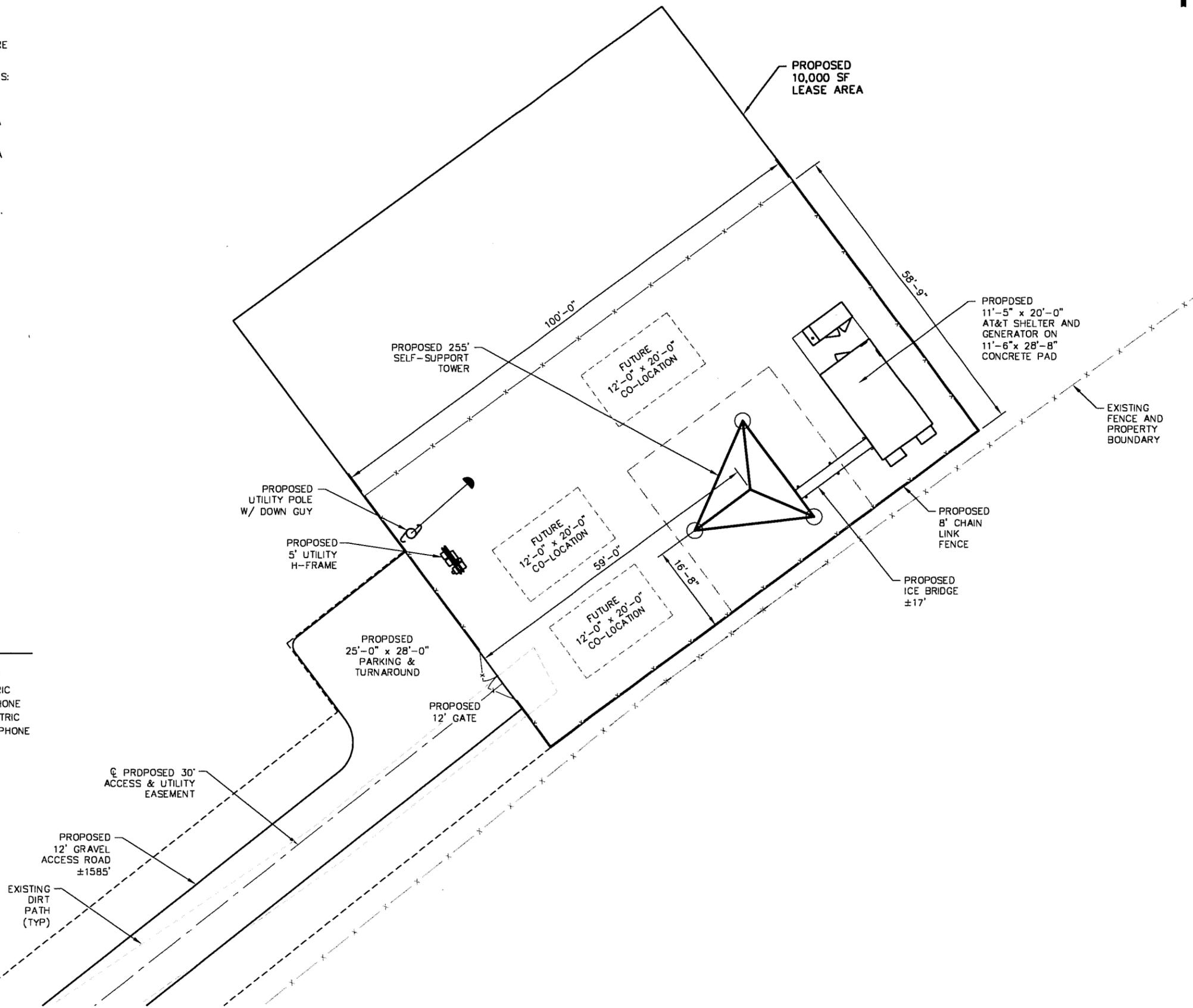
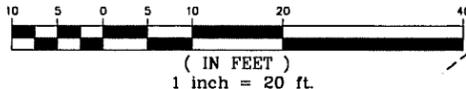
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 KENTUCKY 1-800-752-6007
 OR DIAL 811
 UTILITIES PROTECTION SERVICE
 NON-MEMBERS MUST CALL DIRECTLY

LEGEND

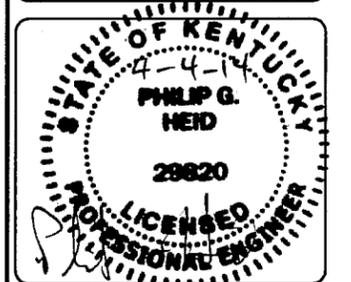
- E— EXISTING OVERHEAD ELECTRIC
- T— EXISTING OVERHEAD TELEPHONE
- UE— EXISTING UNDERGROUND ELECTRIC
- UT— EXISTING UNDERGROUND TELEPHONE
- -UE- -UE- PROPOSED UNDERGROUND ELECTRIC
- -UT- -UT- PROPOSED UNDERGROUND TELEPHONE
- X-X- FENCE LINE
- PDLE — POWER PDLE
- TELE. PED. TELEPHONE PEDESTAL
- WATER VALVES
- FIRE HYDRANTS
- BOLLARDS
- GAS VALVES

GRAPHIC SCALE



WESTOWER
 COMMUNICATIONS

BT Engineering, Inc.
 3001 TAYLOR SPRINGS DRIVE
 LOUISVILLE, KENTUCKY 40220
 (502) 459-8402 PHONE
 (502) 459-8427 FAX



SITE NAME: NIPPA

SITE ID NUMBER: KYALU6167

SITE ADDRESS: OLD US 23
 WITTENSVILLE, KY 41274

LATITUDE: 37° 51' 45.52" N
 LONGITUDE: 82° 47' 11.59" W

TAX MAP NUMBER: N/A

PARCEL NUMBER: 052-00-00-024.00

SOURCE OF TITLE:
 DEED BOOK 404, PAGE 672

PROPERTY OWNER:
 CHRIS & JENNIFER FERGUSON
 PO BOX 625
 WITTENSVILLE, KY 41274
 CONTACT: CHRIS FERGUSON
 PHONE: (606) 793-2894

| NO | REVISION/ISSUE | DATE |
|----|---------------------|----------|
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| 2 | REISSUE FOR COMMENT | 01/06/14 |
| 3 | ISSUE FOR CDNST | 03/19/14 |
| 4 | REISSUE FOR CONST | 04/04/14 |

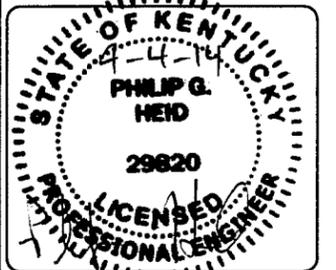
TITLE:
SITE LAYOUT

SHEET:
Z-3



WESTOWER COMMUNICATIONS

BT Engineering, Inc.
3001 TAYLOR SPRINGS DRIVE
LOUISVILLE, KENTUCKY 40220
(502) 459-8402 PHONE
(502) 459-8427 FAX



SITE NAME: NIPPA

SITE ID NUMBER: KYALU6167

SITE ADDRESS: OLD US 23
WITTESSVILLE, KY 41274

LATITUDE: 37° 51' 45.52" N
LONGITUDE: 82° 47' 11.59" W

TAX MAP NUMBER: N/A

PARCEL NUMBER: 052-00-00-024.00

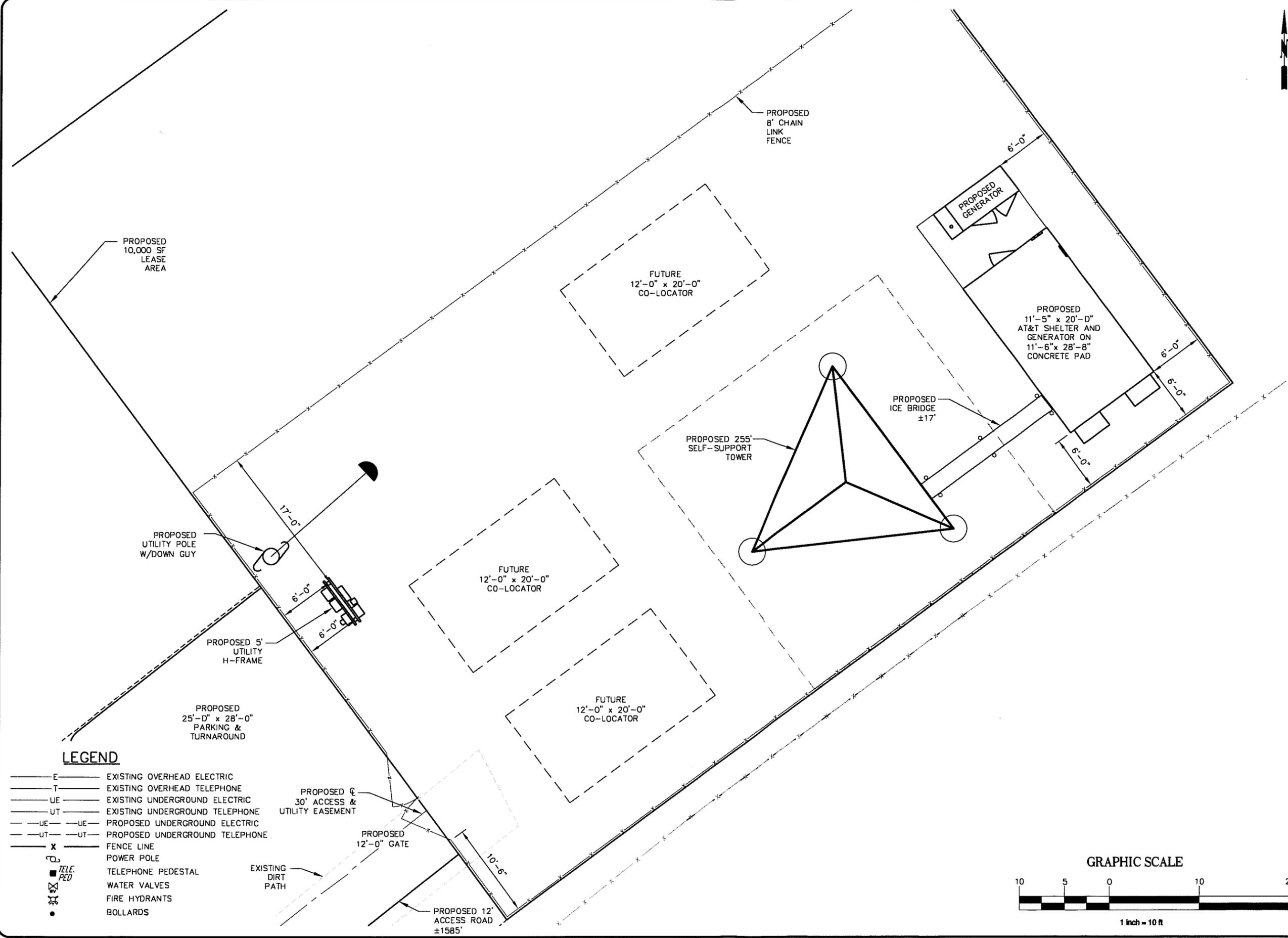
SOURCE OF TITLE:
DEED BOOK 404, PAGE 672

PROPERTY OWNER:
CHRIS & JENNIFER FERGUSON
PO BOX 625
WITTESSVILLE, KY 41274
CONTACT: CHRIS FERGUSON
PHONE: (606) 793-2894

| NO | REVISION / ISSUE | DATE |
|----|---------------------|----------|
| 1 | ISSUE FOR COMMENT | 12/09/13 |
| 2 | REISSUE FOR COMMENT | 01/06/14 |
| 3 | ISSUE FOR CONST | 03/19/14 |
| 4 | REISSUE FOR CONST | 04/04/14 |
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| | | |
| | | |
| | | |

TITLE:
AT&T SHELTER LAYOUT

SHEET:
Z-4



LEGEND

- E— EXISTING OVERHEAD ELECTRIC
- T— EXISTING OVERHEAD TELEPHONE
- UE— EXISTING UNDERGROUND ELECTRIC
- UT— EXISTING UNDERGROUND TELEPHONE
- UE— PROPOSED UNDERGROUND ELECTRIC
- UT— PROPOSED UNDERGROUND TELEPHONE
- x— FENCE LINE
- POWER POLE
- TELE. PED.
- TELE. PED.
- WATER VALVES
- FIRE HYDRANTS
- BOLLARDS

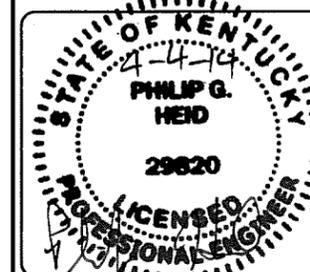
GRAPHIC SCALE





Wes Tower
COMMUNICATIONS

BT Engineering, Inc.
3001 TAYLOR SPRINGS DRIVE
LOUISVILLE, KENTUCKY 40220
(502) 459-8402 PHONE
(502) 459-8427 FAX



SITE NAME: NIPPA

SITE ID NUMBER: KYALU6167

SITE ADDRESS: OLD US 23
WITTSVILLE, KY 41274

LATITUDE: 37° 51' 45.52" N
LONGITUDE: 82° 47' 11.59" W

TAX MAP NUMBER: N/A

PARCEL NUMBER: 052-00-00-024.00

SOURCE OF TITLE:
DEED BDK 404, PAGE 672

PROPERTY OWNER:
CHRIS & JENNIFER FERGUSON
PO BOX 625
WITTSVILLE, KY 41274
CONTACT: CHRIS FERGUSON
PHONE: (606) 793-2894

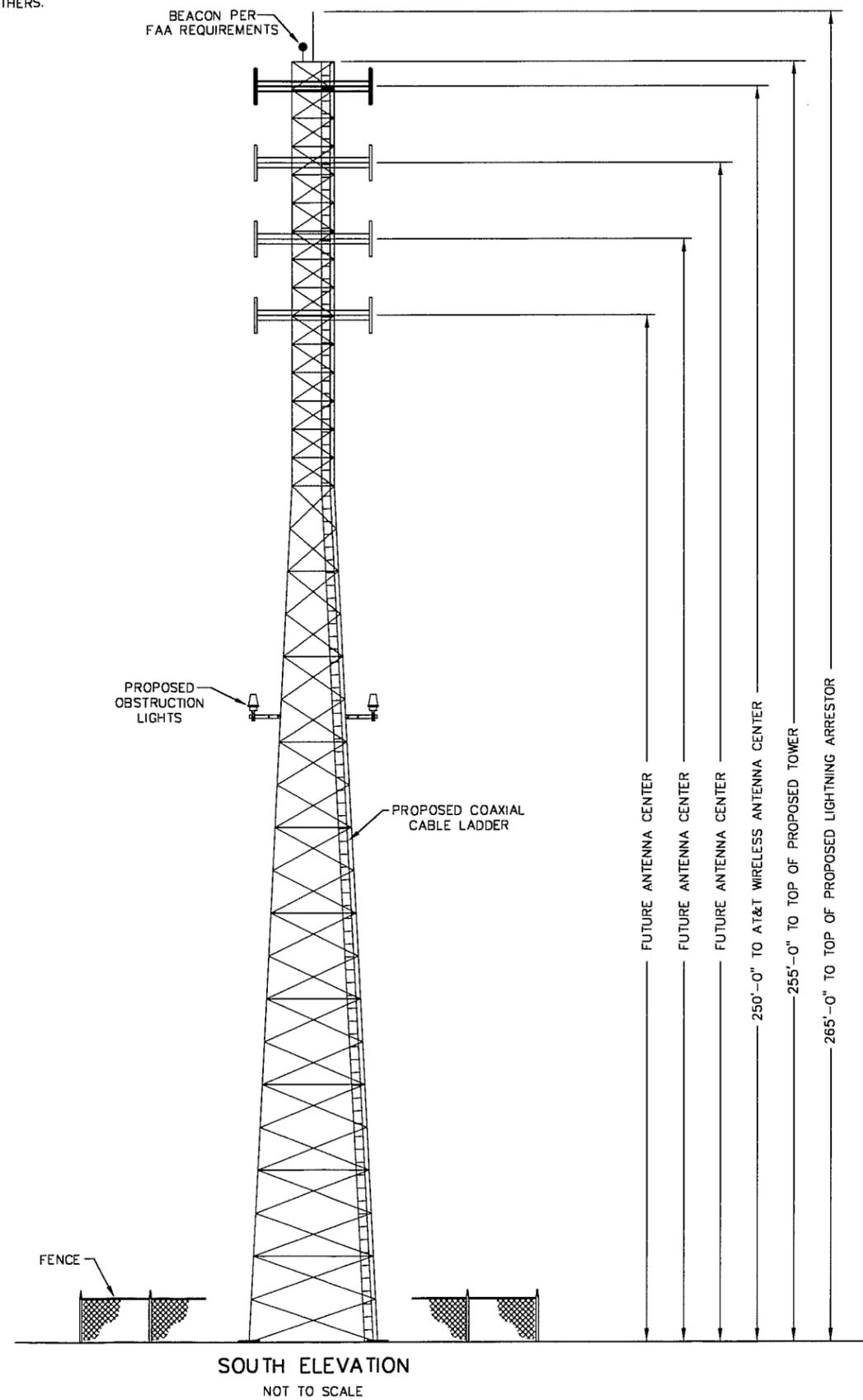
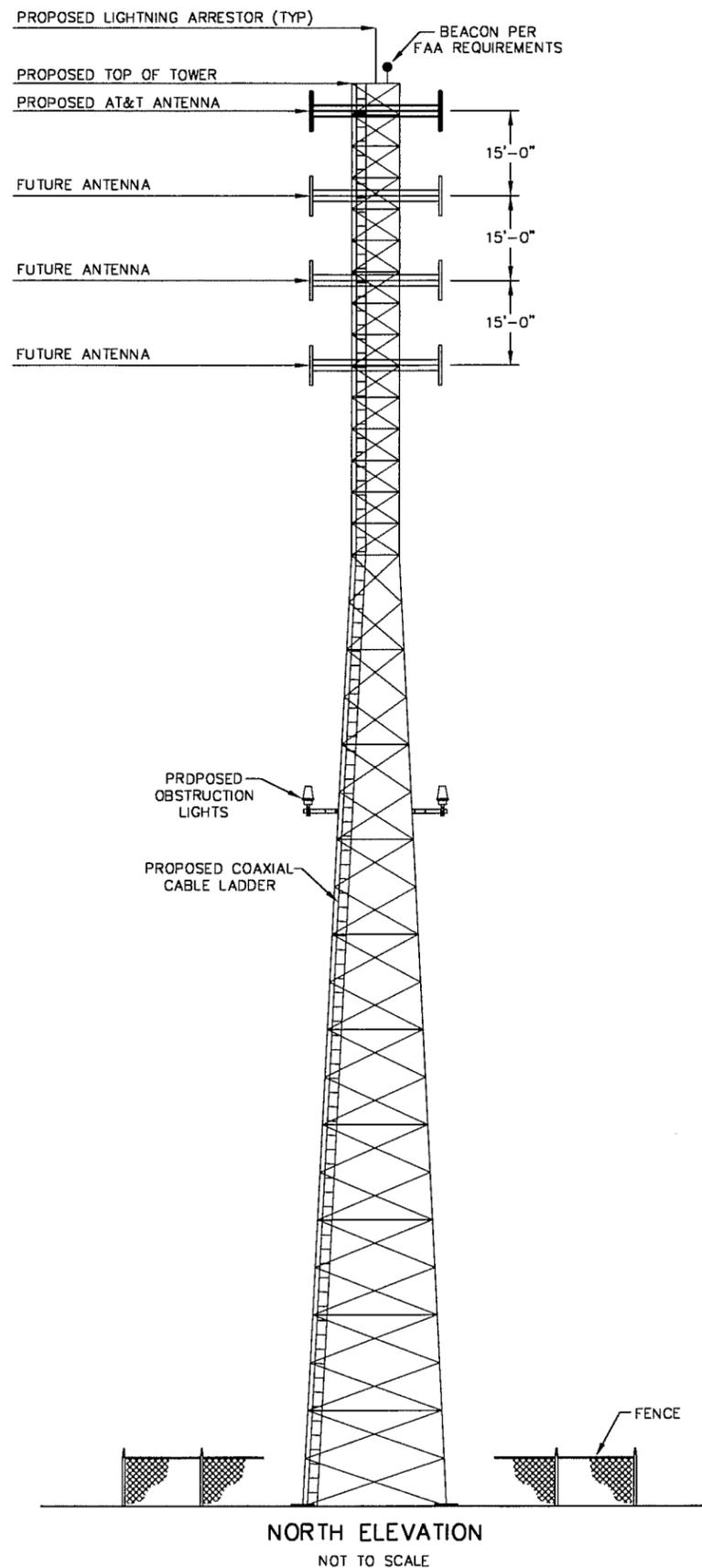
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|----|---------------------|----------|
| 1 | ISSUE FOR COMMENT | 12/09/13 |
| 2 | REISSUE FOR COMMENT | 01/06/14 |
| 3 | ISSUE FOR CONST | 03/19/14 |
| 4 | REISSUE FOR CONST | 04/04/14 |

TITLE:
**NORTH/SOUTH
TOWER ELEVATIONS**

SHEET:
Z-5

NOTE:

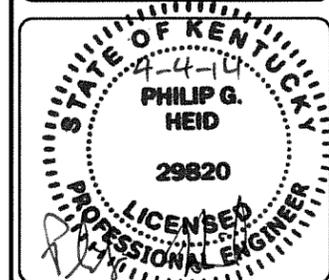
THE ELEVATIONS SHOWN ON THIS SHEET ARE FOR PICTORIAL PURPOSES ONLY. THIS DESIGN WAS PROVIDED BY OTHERS. REFER TO TOWER PLANS FOR TOWER DESIGN.





WEST TOWER
COMMUNICATIONS

BT Engineering, Inc.
3001 TAYLOR SPRINGS DRIVE
LOUISVILLE, KENTUCKY 40220
(502) 459-8402 PHONE
(502) 459-8427 FAX



SITE NAME: NIPPA

SITE ID NUMBER: KYALU6167

SITE ADDRESS: OLD US 23
WITTSVILLE, KY 41274

LATITUDE: 37° 51' 45.52" N
LONGITUDE: 82° 47' 11.59" W

TAX MAP NUMBER: N/A

PARCEL NUMBER: 052-00-00-024.00

SOURCE OF TITLE:
DEED BOOK 404, PAGE 672

PROPERTY OWNER:
CHRIS & JENNIFER FERGUSON
PO BOX 625
WITTSVILLE, KY 41274
CONTACT: CHRIS FERGUSON
PHONE: (606) 793-2894

| NO | REVISION/ISSUE | DATE |
|----|---------------------|----------|
| 1 | ISSUE FOR COMMENT | 12/09/13 |
| 2 | REISSUE FOR COMMENT | 01/06/14 |
| 3 | ISSUE FOR CONST | 03/19/14 |
| 4 | REISSUE FOR CONST | 04/04/14 |
| | | |
| | | |
| | | |

TITLE: EAST/WEST
TOWER ELEVATIONS

SHEET: Z-6

NOTE:

THE ELEVATIONS SHOWN ON THIS SHEET ARE FOR PICTORIAL PURPOSES ONLY. THIS DESIGN WAS PROVIDED BY OTHERS. REFER TO TOWER PLANS FOR TOWER DESIGN.

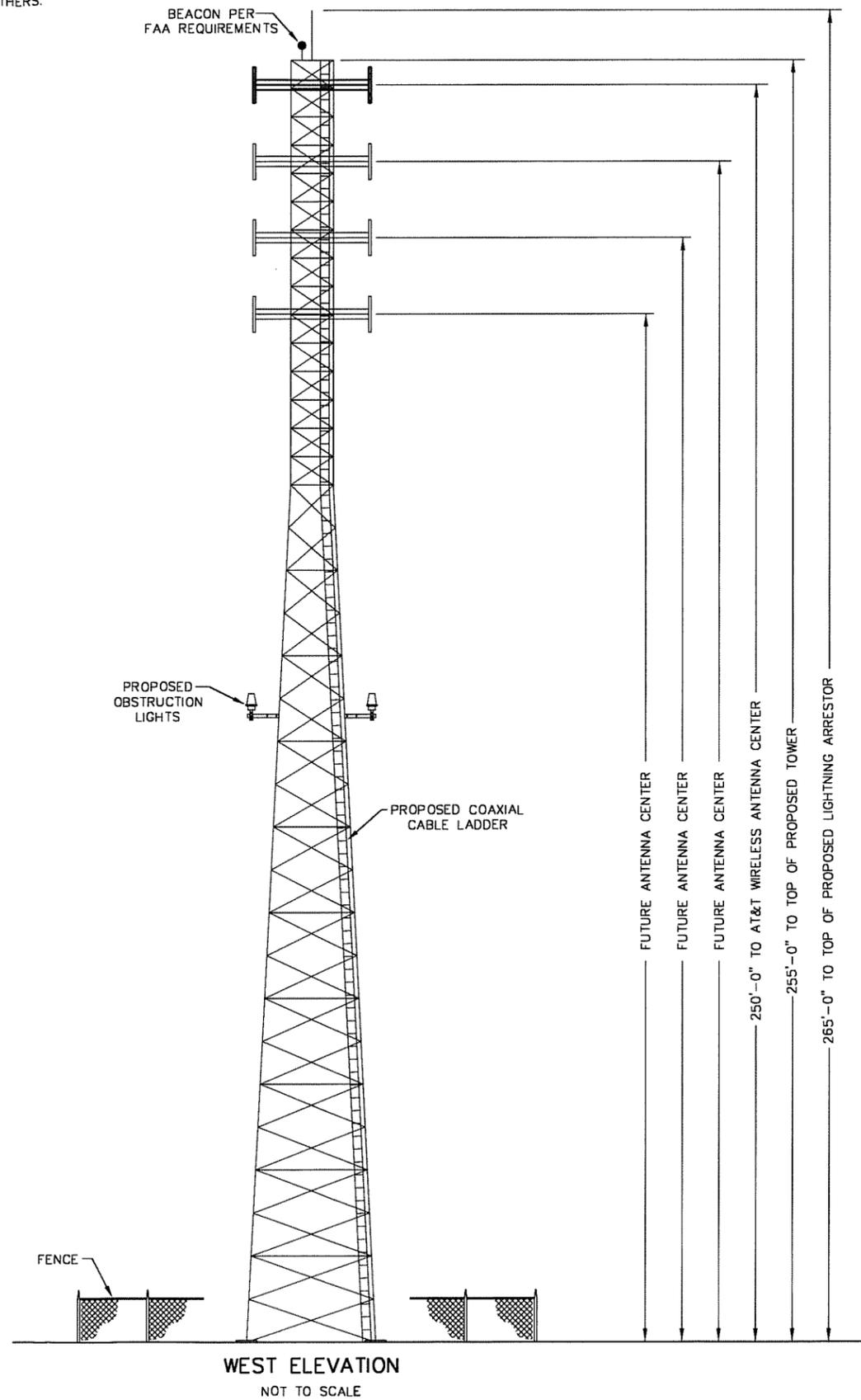
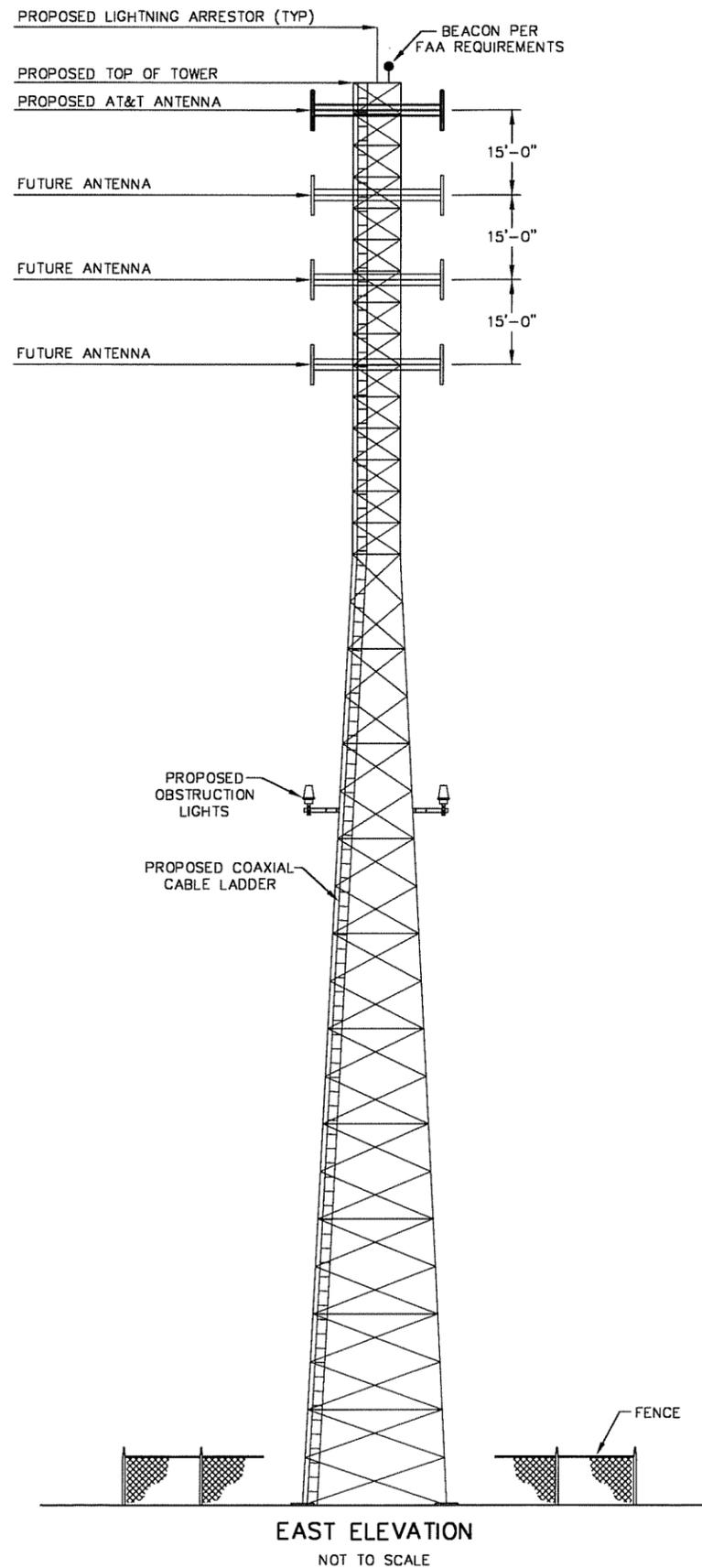


EXHIBIT C
TOWER AND FOUNDATION DESIGN



March 18, 2014

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

RE: Site Name: NIPPA
Proposed Cell Tower
37-51-45.52 North Latitude, 82-47-11.59 West Longitude

Dear Commissioners:

The Project / Construction Manager for the proposed new communications facility will be Tommy Bailey. His contact information is (606) 316-6620 or tbailey@westtower.com.

Tommy has been in the industry doing civil construction and constructing towers since 1983. He started in the industry with Andrew Corporation building MCI microwave sites across the US. He's worked for Southwest Bell, Cell One and AT&T. He has erected approximately fifty (50) cellular communications facilities and built over 1,000 civil sites for various carriers, nationwide.

He was also co-owner of EWS in Bastrop, TX for four (4) years installing radio equipment for T-Mobile and AT&T.

Thank you,

A handwritten signature in black ink, appearing to read "John Boud".

John Boud
Site Acquisition Manager: Kentucky Market
10400 Linn Station Rd., Suite 225, Louisville, KY 40223
jboud@westtower.com | 559.790.8855 (mobile)
www.westtower.com





STRUCTURES

January 14, 2014

Westtower Communications

Attn: John Boud

SUBJECT: Valmont File # 243504
Model V-27.0 X 255' Self Supporting Tower
Site Name: Nippa-AL6167, KY

Thank you for your inquiry concerning tower design codes and practices as they relate to your requested tower designs.

Valmont Structures has been designing and building guyed and self-supporting towers and monopoles since the early 1950's. During this time, we have sold thousands of towers ranging in height from as little as 50' high to in excess of 1400'. These towers were individually engineered to accommodate the loading requirements imparted by the design wind speed, ice considerations, antenna loading, and other factors dictated by the national code requirements existing at the time the tower was built.

The ANSI/TIA-222-G Standard represents the latest refinement of specific minimum requirements for tower engineers and manufacturers to follow to help assure that the tower structure and its foundations are designed to meet the most realistic conditions for local weather while assuring that the tower is designed to stringent factors of safety. This tower is designed to 90 MPH (no ice) and 30 MPH (1/2" ice) per ANSI/TIA-222-G with Class II, Topographical category 1, Exposure criteria C and a Crest height of 0 feet.

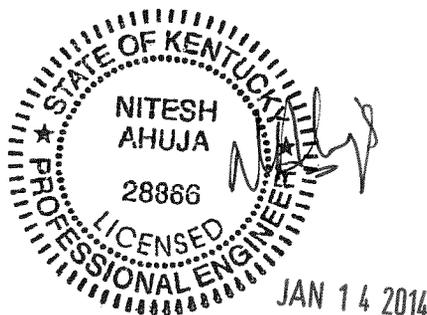
We are aware of few documented instances of a self supporting tower or monopole failure. Self supporting towers and monopoles can be designed such that the most common mode of failure is in the upper middle region of the tower, with the upper portion of the tower remaining connected and "bending and bowing over" against the base of the tower or pole. The fact that the wind is normally greater on the upper portion of the structure contributes to the likelihood of this type of failure. This particular Tower has a theoretical failure at the tower midpoint or above. The predicted mode of wind induced failure would be a buckling of the tower legs at or above the tower midpoint with the top sections of the tower folding over on to the intact base sections. This would then affect a "zero fall zone" at ground level.

Including myself, our site has three licensed Professional Engineers covering a total of 49 states. Valmont Structures is an AISC approved shop. All Valmont Structures welders are AWS and CWB qualified. Our total design, engineer and build process has been quality audited by our customers including public utilities, telephone companies, government agencies, and of course AISC.

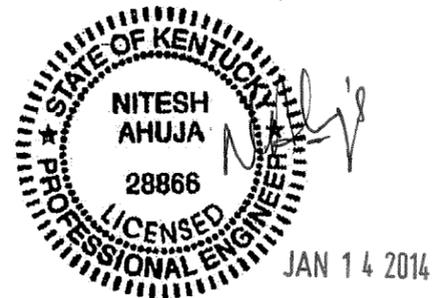
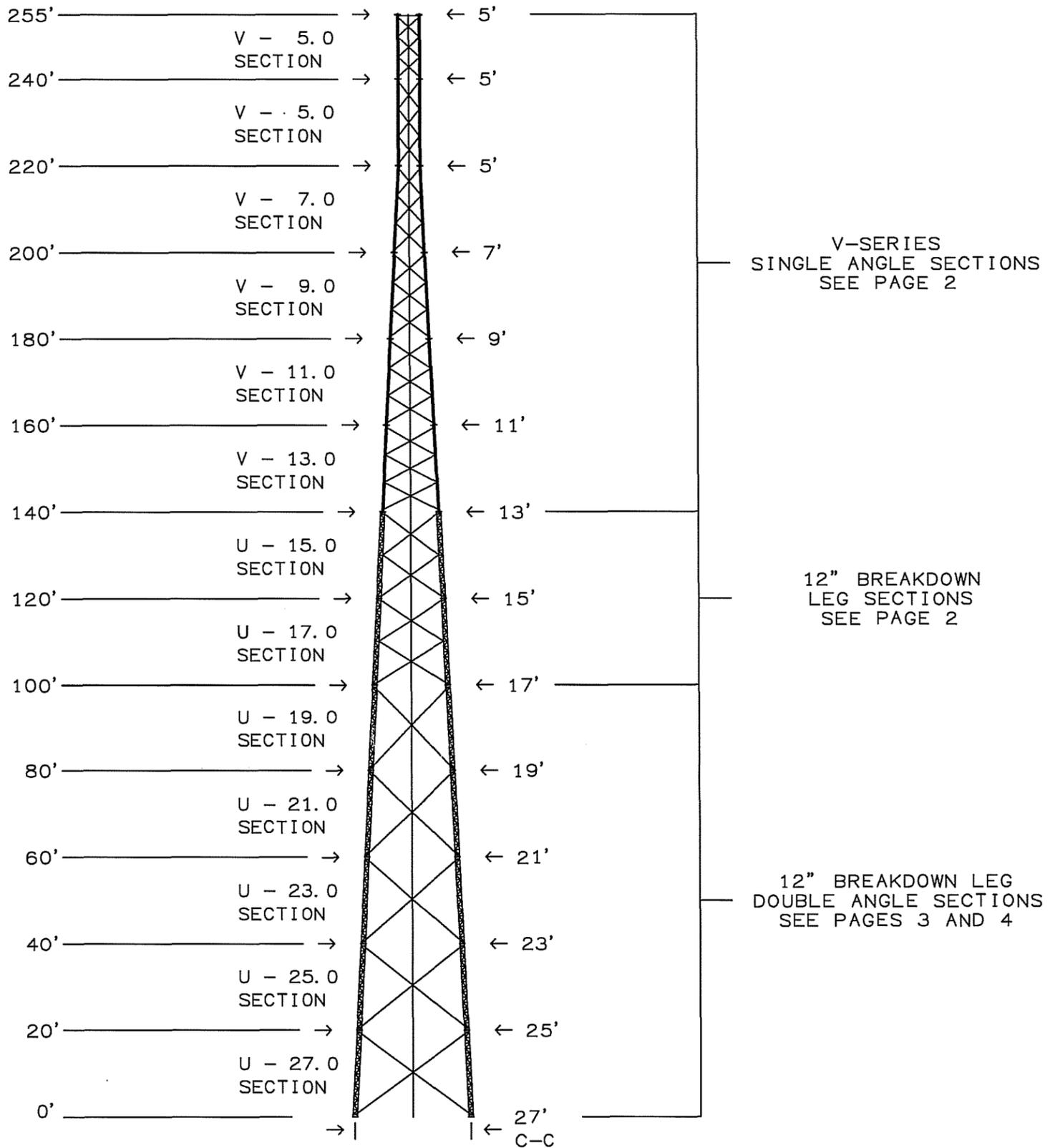
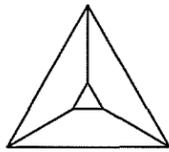
We trust the above and the attached will be helpful to you. If you should need anything else, please let us know at your convenience.

Sincerely,

Nitesh Ahuja, P.E.
Senior Engineer
Ext. #5257



Communications Division, Valmont Industries, Inc.
1545 Pidco Drive Plymouth, Indiana 46563-4005 USA
574-936-4221 Fax 574-936-6796 www.valmont.com



Nitesh Ahuja, KY Professional Engineer #28866

WESTOWER COMMUNICATIONS
NIPPA AL6167, KY
V-27.0 X 255'

| | | |
|-----------------|-----|-----------|
| APPROVED/ENG. | M.S | 1/14/2014 |
| APPROVED/FOUND. | N/A | |
| COPYRIGHT 2014 | | |
| DRAWN BY | SKK | |

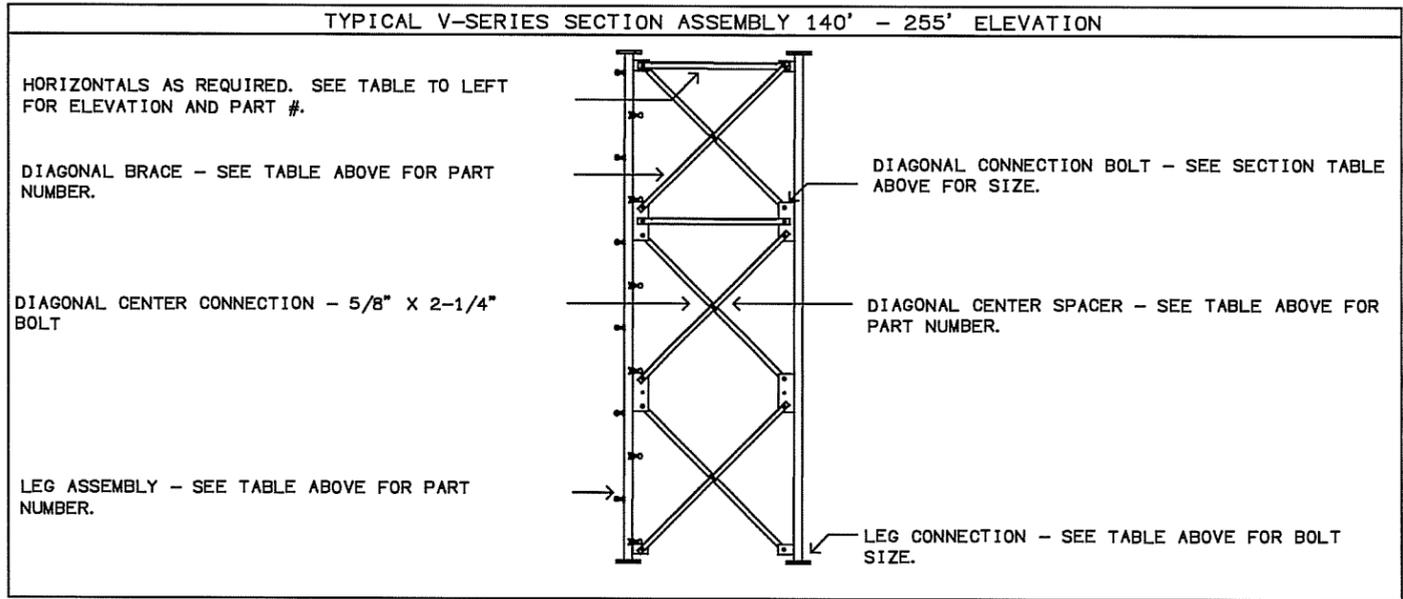


DRAWING NO.
252661

| V-SERIES LEG SECTION DATA 140' - 255' ELEVATION | | | | | | | | | | | | | | | | | | | | |
|---|--------|----------|----------|-------|---------|----------|--------|-----------|--------|---------------|--------|----------------|--------|--------|--------|-------|--------------|--------|---------------|-----|
| SECTION | | LEG | | | | | | | | | | DIAGONAL BRACE | | | | | | | HOR | |
| # | LENGTH | * WEIGHT | NOM SIZE | WALL | GRADE | CLIMBING | | NON-CLIMB | | CONNECT BOLT+ | | PART NUMBER ** | | | ANGLE | | CONNECT BOLT | | CENTER SPACER | QTY |
| | | | | | | QTY | PART# | QTY | PART# | DIAM | LENGTH | #1 | #2 | #3 | FACE | THICK | DIAM | LENGTH | | |
| V- 5.0 | 15' | 734# | 2-1/2" | 0.203 | A572-50 | 1 | 226169 | 2 | 226170 | 3/4" | 3-1/2" | 227077 | 227077 | 227077 | 2" | 1/8" | 3/4" | 2-1/4" | 116467 | 1 |
| V- 5.0 | 20' | 1285# | 4" | 0.237 | A572-50 | 1 | 226184 | 2 | 226185 | 3/4" | 3-1/2" | 227113 | 227113 | 227113 | 2" | 3/16" | 3/4" | 2-1/4" | 116467 | |
| V- 7.0 | 20' | 1609# | 5" | 0.258 | A572-50 | 1 | 226200 | 2 | 226201 | 3/4" | 3-1/2" | 226190 | 226189 | 231342 | 2" | 3/16" | 3/4" | 2-1/4" | 116467 | |
| V- 9.0 | 20' | 1752# | 5" | 0.258 | A572-50 | 3 | 226192 | | | 3/4" | 3-1/2" | 226196 | 226195 | 231344 | 2" | 3/16" | 3/4" | 2-1/4" | 116467 | |
| V-11.0 | 20' | 2200# | 6" | 0.280 | A572-50 | 3 | 226206 | | | 3/4" | 3-1/2" | 225038 | 225037 | 231347 | 2-1/2" | 3/16" | 3/4" | 2-1/4" | 116467 | |
| V-13.0 | 20' | 2490# | 6" | 0.280 | A572-50 | 3 | 229377 | | | 1" | 4-3/4" | 227341 | 226209 | 231349 | 2-1/2" | 3/16" | 3/4" | 2-1/4" | 116467 | |

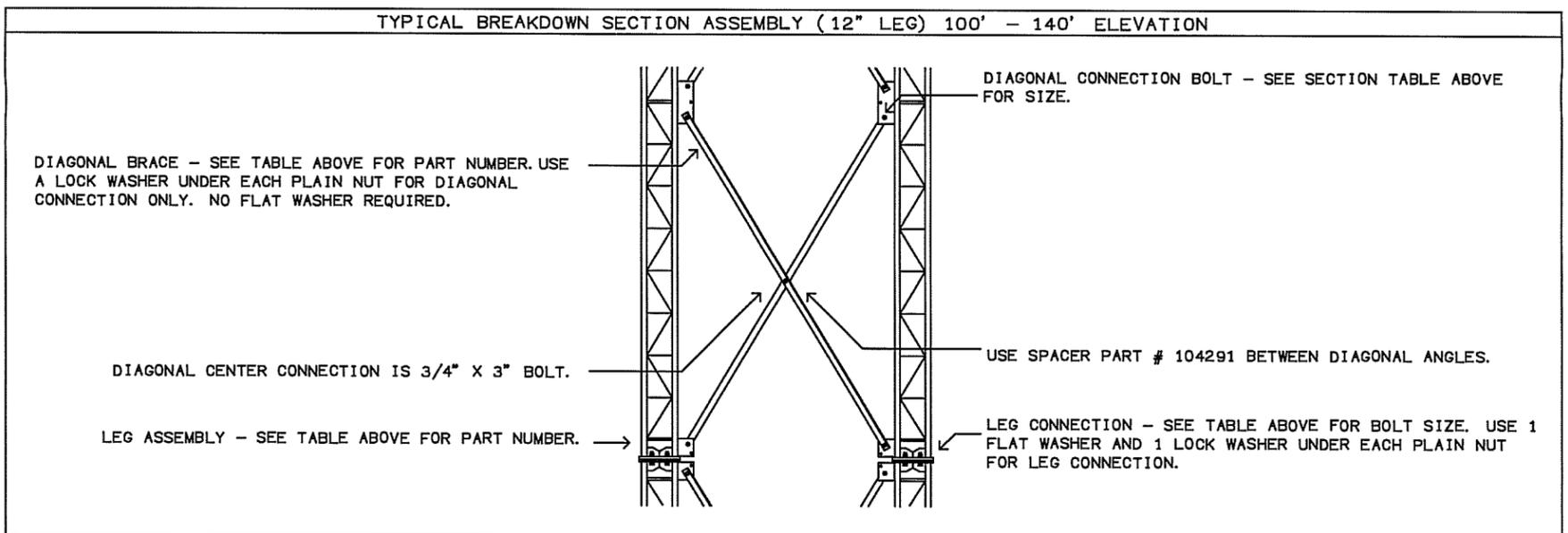
+ AT BOTTOM OF SECTION
* THE WEIGHTS LISTED ARE THEORETICAL. THE ACTUAL WEIGHTS WILL VARY. ALL WEIGHTS SHOULD BE CONFIRMED IN THE FIELD PRIOR TO ERECTION.
** PANELS ARE NUMBERED BEGINNING AT THE TOP OF THE SECTION.

| HORIZONTAL DATA | | |
|-----------------|---------|-------------|
| HORIZ HT | IN SEC# | HORIZ PART# |
| 255 | V- 5.0 | 227584 |



| BREAKDOWN SECTION DATA (12\"/> | | | | | | | | | | | | | |
|--------------------------------|----------------|----------|-----------|----------------|----------------|---------------|----------------|-------|----------------|-------------------|---------------------|-------------------|---------------------|
| SEC # | SECTION LENGTH | LEG SIZE | LEG PART# | TOP DIAG PART# | BOT DIAG PART# | DIAGONAL FACE | DIAGONAL THICK | ANGLE | SECTION WEIGHT | LEG CONNECT+ DIAM | LEG CONNECT+ LENGTH | DIAG CONNECT DIAM | DIAG CONNECT LENGTH |
| U-15.0 | 20' | 1- 3/4" | 229588 | 105579 | 105582 | 3" | 3/16" | | 3128# | 1" | 4-3/4" | 1 " | 2-1/4" |
| U-17.0 | 20' | 1- 3/4" | 229588 | 105588 | 127611 | 3" | 5/16" | | 3710# | 1" | 4-3/4" | 1 " | 2-1/4" |

* THE WEIGHTS LISTED ARE THEORETICAL. THE ACTUAL WEIGHTS WILL VARY. ALL WEIGHTS SHOULD BE CONFIRMED IN THE FIELD PRIOR TO ERECTION.
+ USE 1 FLAT WASHER UNDER EACH LOCK WASHER FOR LEG CONNECTION ONLY.



JAN 14 2014
Nitesh Ahuja, KY Professional Engineer #28866

| | | |
|--|---------------------|--------------------|
| WESTOWER COMMUNICATIONS NIPPA AL6167, KY V-27.0 X 255' | | |
| APPROVED/ENG. M_S 1/14/2014 | APPROVED/FOUND. N/A | |
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| ENG. FILE NO. A-243504-ARCHIVE F-1015871 | | PAGE 2 OF 10 |

BREAKDOWN SECTION LEG DATA (12" LEG WITH DOUBLE ANGLES) 0' - 100' ELEVATION

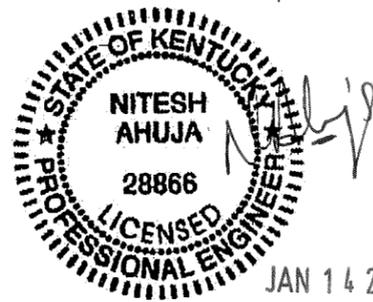
| SECTION | | | | LEG | | LEG CONNECT @ BOTTOM+ | | |
|---------|--------|--------|---------|----------|--------|-----------------------|--------|----|
| # | MODEL | LENGTH | WEIGHT* | SIZE | PART # | DIAM | LENGTH | # |
| 5 | U-19.0 | 20' | 4069# | 2 " | 208332 | 1" | 4-3/4" | 12 |
| 4 | U-21.0 | 20' | 4741# | 2- 1/4 " | 208334 | 1" | 4-3/4" | 12 |
| 3 | U-23.0 | 20' | 4807# | 2- 1/4 " | 208334 | 1" | 4-3/4" | 12 |
| 2 | U-25.0 | 20' | 4876# | 2- 1/4 " | 208334 | 1" | 4-3/4" | 12 |
| 1 | U-27.0 | 20' | 5681# | 2- 1/4 " | 208334 | | | |

* THE WEIGHTS LISTED ARE THEORETICAL. THE ACTUAL WEIGHTS WILL VARY. ALL WEIGHTS SHOULD BE CONFIRMED IN THE FIELD PRIOR TO ERECTION.
 + QTY IS PER LEG. USE 1 LOCK WASHER AND 1 FLAT WASHER UNDER EACH PLAIN NUT.

BREAKDOWN SECTION DIAGONAL DATA (12" LEG WITH DOUBLE ANGLES) 0' - 100' ELEVATION

| SECTION | | DIAGONAL PART # | | | DIAG ANGLE | | DIAG END BOLT | | DIAG CENTER & SPACER BOLT | | CENTER PLATE | SPACER | |
|---------|--------|-----------------|--------|--------|------------|-------|---------------|--------|---------------------------|--------|--------------|--------|----|
| # | MODEL | UPPER | LOWER | LONG | FACE | THICK | DIAM | LENGTH | DIAM | LENGTH | PART # | PART # | ** |
| 5 | U-19.0 | 215288 | 215292 | 215364 | 3" | 3/16" | 7/8" | 2-1/2" | 5/8" | 2-1/4" | 211833 | 104291 | 7 |
| 4 | U-21.0 | 215295 | 215299 | 215368 | 3" | 3/16" | 7/8" | 2-1/2" | 5/8" | 2-1/4" | 211833 | 104291 | 8 |
| 3 | U-23.0 | 215303 | 215307 | 215372 | 3" | 3/16" | 7/8" | 2-1/2" | 5/8" | 2-1/4" | 211833 | 104291 | 8 |
| 2 | U-25.0 | 215311 | 215315 | 215376 | 3" | 3/16" | 7/8" | 2-1/2" | 5/8" | 2-1/4" | 211833 | 104291 | 8 |
| 1 | U-27.0 | 215320 | 215324 | 215380 | 3-1/2" | 1/4" | 7/8" | 2-1/2" | 5/8" | 2-1/4" | 211833 | 104291 | 8 |

* QUANTITY IS PER PANEL PER FACE. USE 1 LOCK WASHER UNDER EACH PLAIN NUT.



JAN 14 2014

Nitesh Ahuja, KY Professional Engineer #28866

WESTOWER COMMUNICATIONS
 NIPPA AL6167, KY
 V-27.0 X 255'

| | | |
|-----------------|-----|-----------|
| APPROVED/ENG. | M_S | 1/14/2014 |
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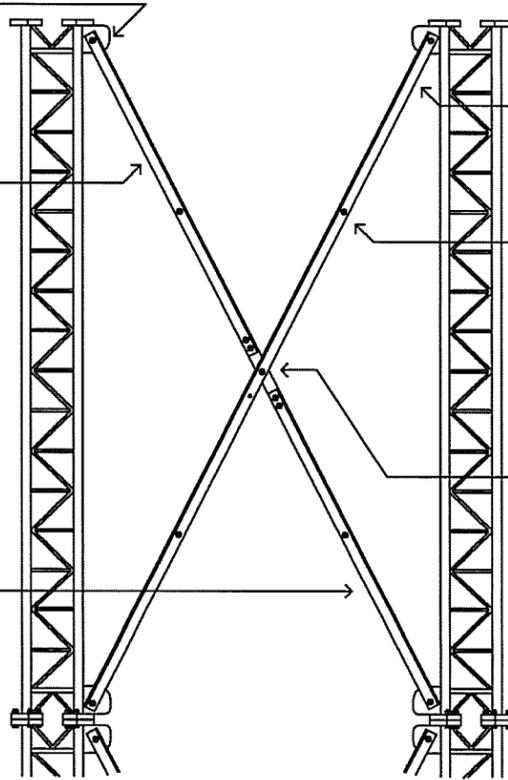
3 OF 10

TYPICAL BREAKDOWN SECTION ASSEMBLY (12" LEG WITH DOUBLE ANGLES) 0' - 100' ELEVATION

DIAGONAL END BOLTS - SEE DIAGONAL TABLE ON PAGE 3 FOR SIZE. NO FLAT WASHER REQUIRED.

"UPPER" DIAGONAL BRACES (BACK TO BACK ANGLES) - SEE TABLE ON PG. 3 FOR PART #.

"LOWER" DIAGONAL BRACES (BACK TO BACK ANGLES) - SEE TABLE ON PG. 3 FOR PART #.



"LONG" DIAGONAL BRACE (BACK TO BACK ANGLES) - SEE TABLE ON PG. 3 FOR PART #.

INTERMEDIATE DIAGONAL BOLTS WITH SPACER - SEE TABLE ON PG. 3 FOR SIZE, SPACER PART # AND NUMBER OF LOCATIONS PER PANEL ON EACH FACE. USE 1 SPACER PER BOLT. SEE DRAWING # 214823 FOR DETAILS.

DIAGONAL CENTER PLATE - SEE DIAGONAL TABLE ON PAGE 3 FOR PART # AND BOLT SIZE.

LEG CONNECTION - SEE TABLE ON PAGE 3 FOR BOLT SIZE. USE 1 LOCK WASHER AND 1 FLAT WASHER UNDER EACH PLAIN NUT FOR LEG CONNECTION.

ATTENTION ERECTOR:

- EXTRA CARE MUST BE TAKEN WHEN STANDING BREAKDOWN LEG SECTIONS FROM A FLAT "ASSEMBLY" POSITION ON THE GROUND TO AN UPRIGHT POSITION FOR STACKING. POOR RIGGING AND/OR LIFTING PROCEDURES MAY DAMAGE THE ANGLE BRACES AND/OR BREAKDOWN LEGS. IT IS THE RESPONSIBILITY OF THE TOWER CONTRACTOR TO ENSURE BREAKDOWN LEGS AND ANGLES ARE NOT DAMAGED DURING THE TOWER ASSEMBLY AND ERECTION.
- WHEN LIFTING ("FLYING") SINGLE PANEL TOWER SECTIONS TO PLACE THEM ON PREVIOUSLY ERECTED SECTIONS, A MINIMUM OF TWO (2) FULL SECTIONS (TYPICALLY 40') MUST BE ASSEMBLED TOGETHER TO PROVIDE ADEQUATE STABILITY TO THE TOWER LEGS AND ANGLE BRACES. IT IS THE RESPONSIBILITY OF THE TOWER CONTRACTOR TO ENSURE BREAKDOWN LEGS AND ANGLES ARE NOT DAMAGED DURING THE TOWER ASSEMBLY AND ERECTION.



Nitesh Ahuja, KY Professional Engineer #28866

WESTOWER COMMUNICATIONS
NIPPA AL6167, KY
V-27.0 X 255'

| | | |
|-----------------|------|-----------|
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PAGE

4 OF 10

GENERAL NOTES

1. TOWER DESIGN CONFORMS TO STANDARD TIA-222-G UTILIZING AN 90 MPH 3-SEC GUST BASIC WIND SPEED WITH A STRUCTURE CLASS OF II, TOPOGRAPHIC CATEGORY OF 1 AND EXPOSURE C CRITERIA WITH NO ICE.
TOWER DESIGN CONFORMS TO STANDARD TIA-222-G UTILIZING AN 30 MPH 3-SEC GUST BASIC WIND SPEED WITH A STRUCTURE CLASS OF II, TOPOGRAPHIC CATEGORY OF 1 AND EXPOSURE C CRITERIA WITH .5" RADIAL ICE.
2. NO TWIST AND SWAY LIMITATIONS SPECIFIED OR USED FOR THIS TOWER.
3. MATERIAL: (A) SOLID RODS TO ASTM A572 GRADE 50. (B) ANGLES TO ASTM A36. (C) PIPE TO ASTM A500 GRADE B. (D) STEEL PLATES TO ASTM A36. (E) CONNECTION BOLTS TO ASTM A325 OR ASTM A449 (Fu=120 KSI AND Fy=92 KSI) AND ANCHOR BOLTS TO ASTM F1554 (Fu=150 KSI AND Fy=105 KSI). (F) TOWER LEG PIPE TO BE ASTM A500 GRADE B/C WITH 50KSI MIN. YIELD STRENGTH
4. BASE REACTIONS PER TIA-222-G FOR 90 MPH BASIC WIND SPEED WITH NO ICE (REACTIONS INCLUDE TIA-222-G LOAD FACTORS): TOTAL WEIGHT = 68.0 KIPS. MAXIMUM COMPRESSION = 432.0 KIPS PER LEG. MOMENT = 9578.0 KIP-FT. MAXIMUM UPLIFT = 378.0 KIPS PER LEG. MAXIMUM SHEAR = 85.0 KIPS TOTAL.
5. BASE REACTIONS PER TIA-222-G FOR 30 MPH BASIC WIND SPEED WITH 0.50" RADIAL ICE (REACTIONS INCLUDE TIA-222-G LOAD FACTORS): TOTAL WEIGHT = 169.0 KIPS. MOMENT = 1092.0 KIP-FT. MAXIMUM SHEAR = 7.0 KIPS TOTAL.
6. FINISH: ALL BOLTS ARE GALVANIZED IN ACCORDANCE WITH ASTM A153 (HOT DIPPED) OR ASTM B695 CLASS 50 (MECHANICAL). ALL OTHER STRUCTURAL MATERIALS ARE GALVANIZED IN ACCORDANCE WITH ASTM 123.
7. ANTENNAS: 250' -(3) SBNH-1D6565C, (3) SBNH-1D8585C (ANDREW PANELS), (9) ERICSSON RRU11, (3) ANDREW E15Z01P13, (3) RAYCAP DC6-48-60-18-F AND (3) RAYCAP DC2-48-60-0-9F WITH (12) 1-5/8" AND (2) 1/2" LINES ASSUMED
240' -(3) SBNH-1D6565C, (3) SBNH-1D8585C (ANDREW PANELS), (9) ERICSSON RRU11, (3) ANDREW E15Z01P13, (3) RAYCAP DC6-48-60-18-F AND (3) RAYCAP DC2-48-60-0-9F WITH (12) 1-5/8" AND (2) 1/2" LINES ASSUMED
230' -(3) SBNH-1D6565C, (3) SBNH-1D8585C (ANDREW PANELS), (9) ERICSSON RRU11, (3) ANDREW E15Z01P13, (3) RAYCAP DC6-48-60-18-F AND (3) RAYCAP DC2-48-60-0-9F WITH (12) 1-5/8" AND (2) 1/2" LINES ASSUMED
220' -(3) SBNH-1D8585C, (3) SBNH-1D8585C (ANDREW PANELS), (9) ERICSSON RRU11, (3) ANDREW E15Z01P13, (3) RAYCAP DC6-48-60-18-F AND (3) RAYCAP DC2-48-60-0-9F WITH (12) 1-5/8" AND (2) 1/2" LINES ASSUMED
NOTE: (A) ELEVATIONS ARE TO THE BOTTOM OF THE ANTENNAS EXCEPT FOR MICROWAVE DISHES, WHICH ARE TO THE CENTERLINE. (B) ALL TRANSMISSION LINES MUST BE PLACED ON PIROD SUPPLIED LINE BRACKETS.
8. REMOVE FOUNDATION TEMPLATE PRIOR TO ERECTING TOWER. INSTALL BASE SECTION WITH MINIMUM OF 2" CLEARANCE ABOVE CONCRETE. SEE BASE SECTION PLACEMENT PAGE FOR MORE INFORMATION. PACK NON-SHRINK STRUCTURAL GROUT UNDER BASE SECTION AFTER LEVELING TOWER.
9. MIN. WELDS 5/16" UNLESS OTHERWISE SPECIFIED. ALL WELDING TO CONFORM TO AWS D1.1 SPECIFICATIONS .
10. THIS DRAWING DOES NOT INDICATE THE METHOD OF CONSTRUCTION. THE CONTRACTOR SHALL SUPERVISE AND DIRECT THE WORK AND HE SHALL BE SOLELY RESPONSIBLE FOR ALL CONSTRUCTION MEANS, SEQUENCES AND PROCEDURES.
11. ALL BOLTS AND NUTS MUST BE IN PLACE BEFORE THE ADJOINING SECTIONS ARE INSTALLED.
12. ALL STRUCTURAL BOLTS ARE TO BE TIGHTENED TO A SNUG TIGHT CONDITION AS DEFINED BY AISC SPECIFICATION UNLESS OTHERWISE NOTED.
13. ATTENTION TOWER ERECTOR: COAT ALL BOLT ASSEMBLIES THAT USE PIN LOCK NUTS WITH ZINC RICH COLD GALVANIZING COMPOUND AFTER FINAL TIGHTENING.
14. TIA-222-G GROUNDING FOR TOWER.
15. BASED ON THE LOADING LISTED ABOVE, THIS TOWER HAS A THEORETICAL FAILURE POINT AT TOWER MIDPOINT OR ABOVE FOR AN EFFECTIVE "ZERO FALL ZONE" AT GROUND LEVEL.

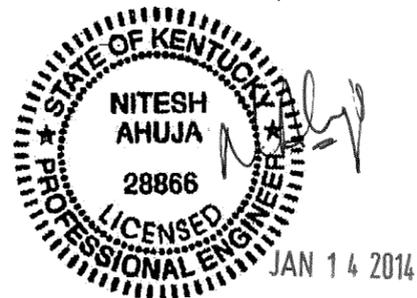


Nitesh Ahuja, KY Professional Engineer #28866

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| | | WESTOWER COMMUNICATIONS NIPPA AL6167, KY V-27.0 X 255' | |
| | | valmont | |
| APPROVED/ENG. | M_S | 1/14/2014 | 1-877-467-4763 Plymouth, IN 1-888-880-9191 Salem, OR STRUCTURES |
| APPROVED/FOUND. | N/A | | |
| COPYRIGHT | 2014 | | |
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| From: F1015871.DFT - 01/14/2014 09:21 | | ENG. FILE NO. A-243504- | 252661 |
| Printed from 252661_05@@.DWG - 01/14/2014 09:50 @ 01/14/2014 14:37 | | ARCHIVE F-1015871 | PAGE 5 OF 10 |

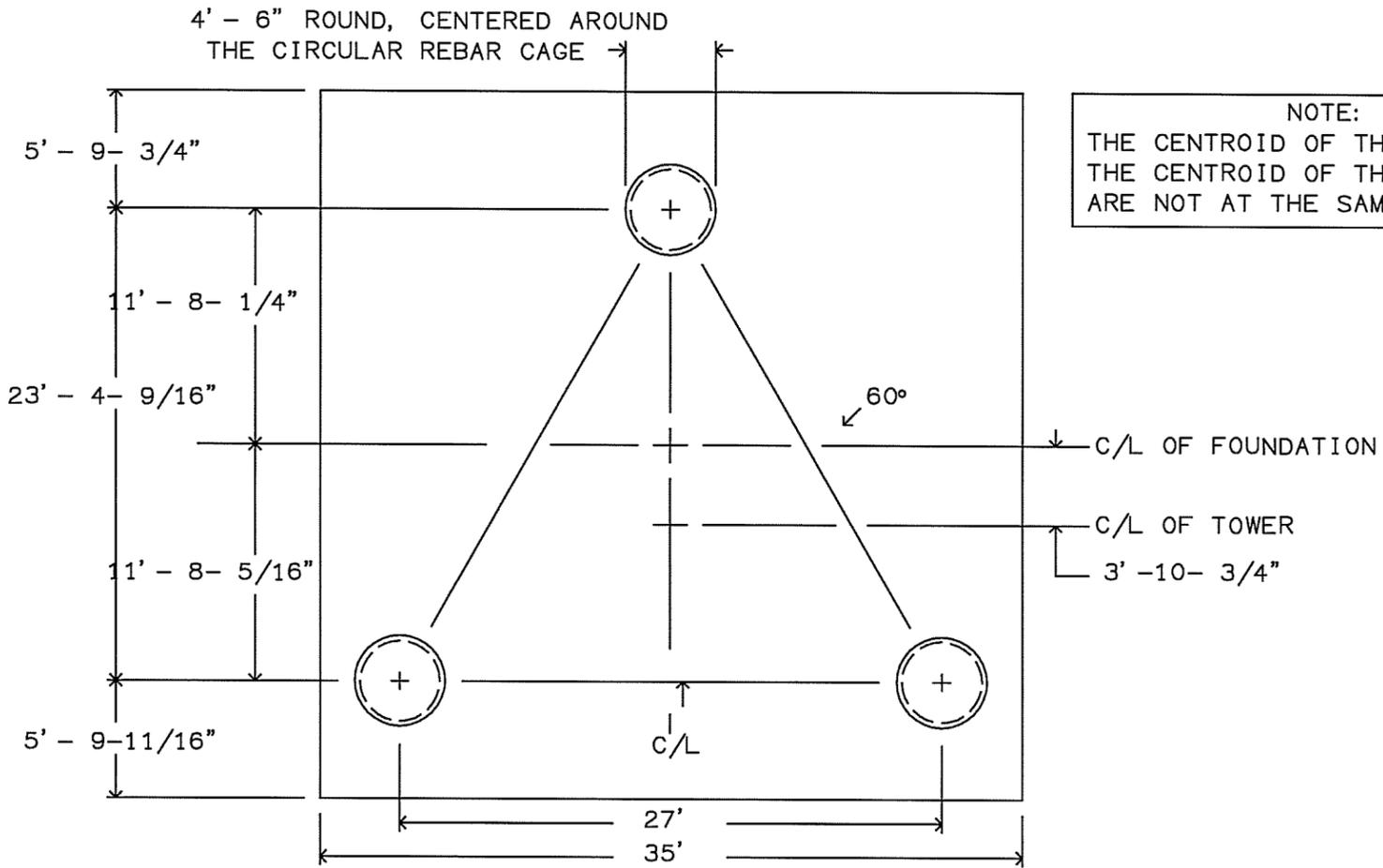
FOUNDATION NOTES

1. ULTIMATE SOIL PRESSURE ASSUMED TO BE 5000 PSF. ULTIMATE PASSIVE PRESSURE ASSUMED TO BE 450 LB PCF. THE PURCHASER & OWNER/CONTRACTOR MUST VERIFY THAT THE ACTUAL SITE SOIL PARAMETERS MEET OR EXCEED THE ASSUMED SOIL PARAMETERS PER THIS NOTE AND/OR SHOULD OBTAIN A SOIL REPORT TO DETERMINE THE SOIL CONDITIONS AT THE SITE. FOUNDATION DESIGN MODIFICATIONS MAY BE REQUIRED IN THE EVENT THE ASSUMED SOIL PARAMETERS ARE NOT APPLICABLE FOR THE ACTUAL SUBSURFACE CONDITIONS ENCOUNTERED.
2. CONCRETE TO BE 4000 PSI @ 28 DAYS. REINFORCING BAR TO CONFORM TO ASTM A615 GRADE 60 SPECIFICATIONS. CONCRETE INSTALLATION TO CONFORM TO ACI-318 (2008) BUILDING REQUIREMENTS FOR REINFORCED CONCRETE. ALL CONCRETE TO BE PLACED AGAINST UNDISTURBED EARTH FREE OF WATER AND ALL FOREIGN OBJECTS AND MATERIALS. A MINIMUM OF THREE INCHES OF CONCRETE SHALL COVER ALL REINFORCEMENT. WELDING OF REBAR NOT PERMITTED.
3. A COLD JOINT IS PERMISSIBLE UPON CONSULTATION WITH PIROD. ALL COLD JOINTS SHALL BE COATED WITH BONDING AGENTS PRIOR TO SECOND POUR.
4. ALL FILL SHOULD BE PLACED IN LOOSE LEVEL LIFTS OF NO MORE THAN 12" THICK. FILL MATERIALS SHOULD BE CLEAN AND FREE OF ORGANIC AND FROZEN MATERIALS OR ANY OTHER DELETERIOUS MATERIALS. COMPACT FILL TO 97% OF STANDARD PROCTOR MAXIMUM DRY DENSITY IN ACCORDANCE WITH ASTM D698.
5. BENDING, STRAIGHTENING OR REALIGNING (HOT OR COLD) OF THE ANCHOR BOLTS BY ANY METHOD IS PROHIBITED.
6. CROWN TOP OF FOUNDATION FOR PROPER DRAINAGE.
7. IN THE ABSENCE OF A GEOTECHNICAL REPORT, THE FOLLOWING PRESUMPTIVE SOIL PARAMETERS WERE USED: AN ULTIMATE BEARING PRESSURE OF 5000 PSF, A COHESION OF 1000 PSF, A SOIL UNIT WEIGHT OF 110 PCF, AN ANGLE OF INTERNAL FRICTION OF 0 DEGREES AND NO GROUNDWATER ENCOUNTERED. THESE SOIL PARAMETERS ARE IN COMPLIANCE WITH THE REQUIREMENTS OF ANSI/TIA-222-G-2005 AND CAN BE FOUND IN ANNEX F OF THIS STANDARD.



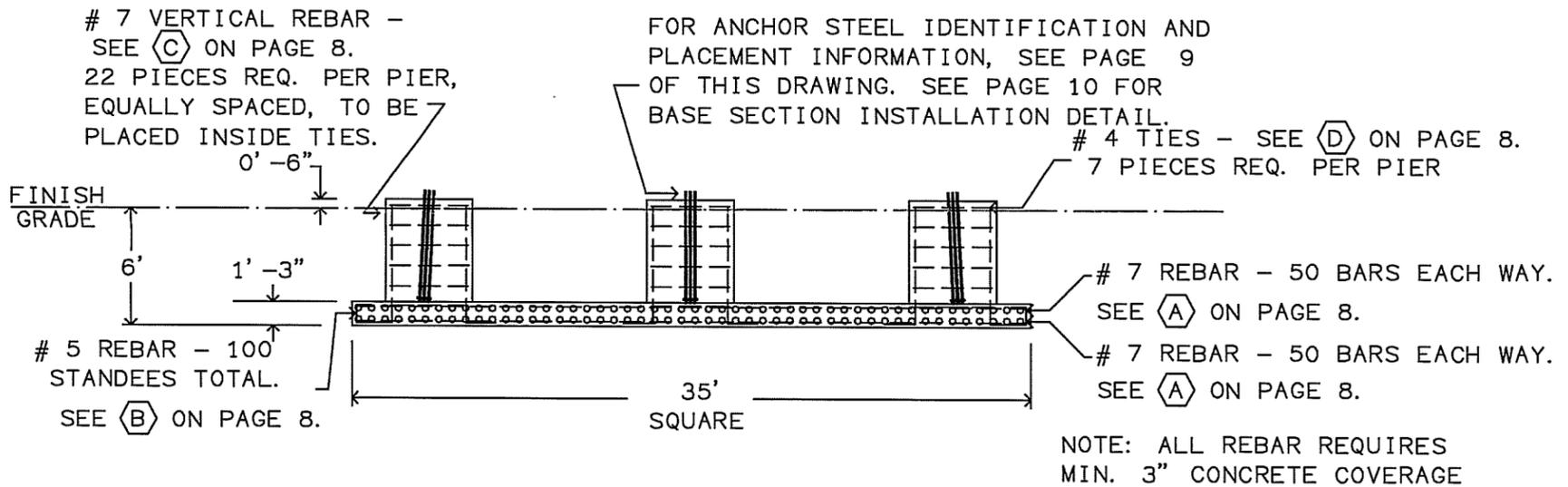
Nitesh Ahuja, KY Professional Engineer #28866

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|--|-----|--|--|
| | | WESTOWER COMMUNICATIONS NIPPA AL6167, KY V-27.0 X 255' | |
| | | valmont | |
| APPROVED/ENG. | M.S | 1/14/2014 | <small>1-877-467-4763 Plymouth, IN 1-888-880-9191 Salem, OR</small> STRUCTURES |
| APPROVED/FOUND. | M.S | 1/14/2014 | |
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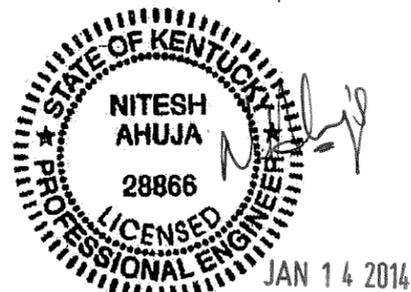
NOTE:
THE CENTROID OF THE TOWER AND
THE CENTROID OF THE FOUNDATION
ARE NOT AT THE SAME POINT!

NOTE: THE FOUNDATIONS DEPICTED ON THIS DRAWING WERE DESIGNED PER ASSUMED SOIL PARAMETERS. ALTHOUGH IT IS OUR EXPECTATION THAT THE SOIL WILL EXHIBIT SUFFICIENT STRENGTH TO COMPLY WITH THE ASSUMED STRENGTHS, IT IS POSSIBLE THAT THE SOIL MAY NOT EXHIBIT THE REQUIRED STRENGTHS. THEREFORE, IT IS HIGHLY RECOMMENDED THAT THE ASSUMED PROPERTIES BE CONFIRMED BY A GEOTECHNICAL ENGINEER VIA A SOIL REPORT OR AN ON-SITE INSPECTION DURING INSTALLATION.



TOWER FOUNDATION

66.0 CUBIC YARDS CONCRETE REQUIRED
FOR INSTALLATION SPECIFICATIONS AND
ADDITIONAL INFORMATION, SEE PAGE 6
OF THIS DRAWING.



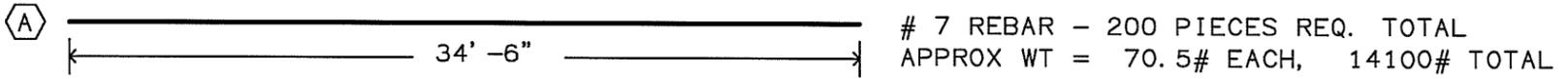
Nitesh Ahuja, KY Professional Engineer #28866

WESTOWER COMMUNICATIONS
NIPPA AL6167, KY
V-27.0 X 255'

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| APPROVED/ENG. | M_S 1/14/2014 |
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| ARCHIVE | F-1015871 |

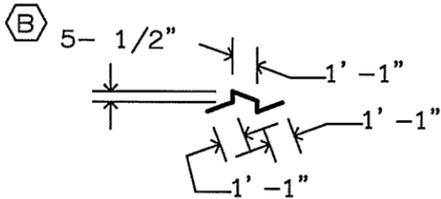


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| DRAWING NO. | 252661 |
| PAGE | 7 OF 10 |

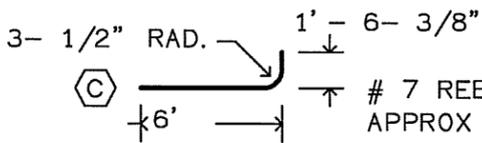


7 REBAR - 200 PIECES REQ. TOTAL
 APPROX WT = 70.5# EACH, 14100# TOTAL

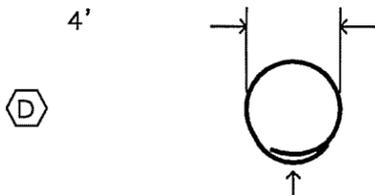
REBAR SUPPORTS MAY CONSIST OF ANY ACCEPTABLE MEANS OF SECURELY SUPPORTING THE TOP REINFORCEMENT GRID ABOVE THE BOTTOM REINFORCEMENT GRID WHILE MAINTAINING A SEPARATION OF 0'-9" (OUTSIDE REBAR TO OUTSIDE REBAR).



5 REBAR - 100 PIECES REQUIRED TOTAL
 TYPE 26 STANDEE PLACED BETWEEN REBAR GRIDS ON NOMINAL 4' SPACING THROUGHOUT
 APPROX UNBENT LENGTH = 4'-3-3/8"
 APPROX WT = 4.5# EACH, 450# TOTAL



7 REBAR - 66 PIECES REQUIRED TOTAL
 APPROX UNBENT LENGTH = 7'-4-7/8"
 APPROX WT = 15.1# EACH, 997# TOTAL



4 REBAR - 21 PIECES REQUIRED TOTAL
 APPROX UNBENT LENGTH = 14'-1-3/8"
 APPROX WT = 9.4# EACH, 197# TOTAL

LAP DIMENSION: 1'-6-1/2"
 PLACE CIRCULAR TIES SO THAT LAPS ON ADJACENT TIES ARE 180 DEGREES APART. PLACE ONE TIE AT TOP OF PAD AND TWO TIES AT TOP OF PIER REBAR. EQUALLY SPACE REMAINING TIES ALONG PIER.

REBAR DETAIL

TOTAL APPROX REBAR WEIGHT = 15744#
 REINFORCING BAR TO CONFORM TO
 ASTM A615 GRADE 60 SPECIFICATIONS.

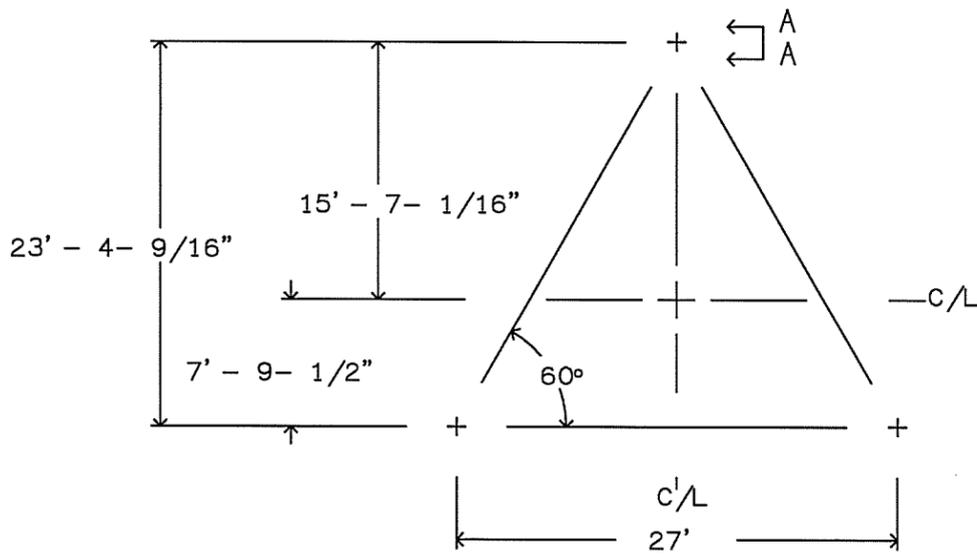


Nitesh Ahuja, KY Professional Engineer #28866

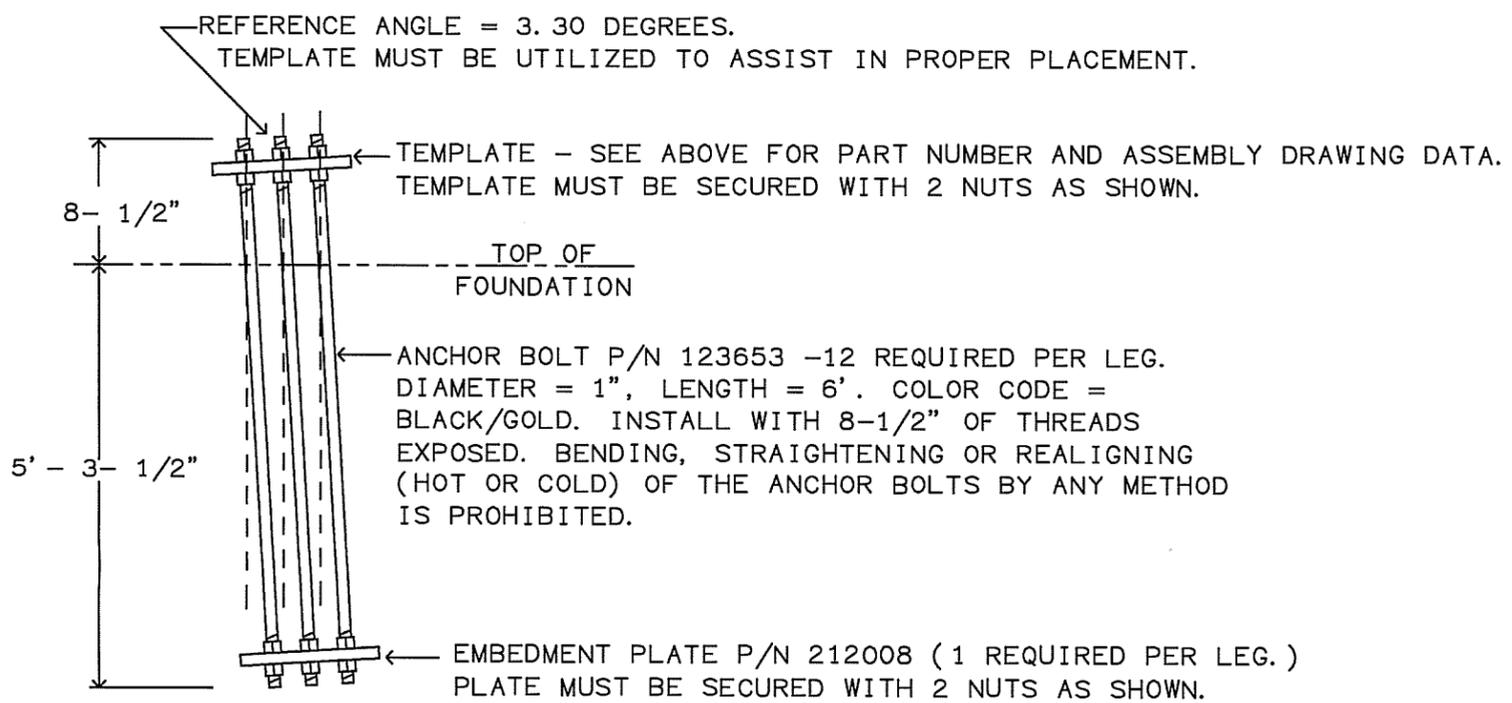
| | | | |
|--|-------------------------|--|---|
| | | WESTOWER COMMUNICATIONS NIPPA AL6167, KY V-27.0 X 255' | |
| APPROVED/ENG. | M_S | 1/14/2014 | valmont 1-877-467-4763 Plymouth, IN 1-888-880-9191 Salem, OR STRUCTURES |
| APPROVED/FOUND. | M_S | 1/14/2014 | |
| COPYRIGHT 2014 | | | |
| DRAWN BY | SKK | | DRAWING NO. 252661 |
| From: F1015871.DFT - 01/14/2014 09: 21 | ENG. FILE NO. A-243504- | | PAGE 8 OF 10 |
| Printed from 252661_0800.DWG - 01/14/2014 09: 50 @ 01/14/2014 14: 38 | ARCHIVE F-1015871 | | |

TEMPLATE ASSEMBLY P/N 216152 INCLUDES CORNER PLATE P/N 211902, IS REQUIRED FOR INSTALLATION AND MUST BE PLACED AS SHOWN. SEE DRAWING # 211875 FOR TEMPLATE ASSEMBLY DETAILS. SEE PAGE 7 FOR TOWER C/L LOCATION RELATIVE TO THE FOUNDATION LAYOUT. TEMPLATE PLACEMENT +/- 3". EACH LEG MUST BE CENTERED IN PIER WITHIN +/- 10% OF PIER DIAMETER. TEMPLATE MUST BE LEVEL +/- 1 DEGREE. INSTALL TEMPLATE WITH SUFFICIENT SPACE BENEATH (2" MINIMUM) TO PERMIT FINISHING OF CONCRETE AND TO FACILITATE TEMPLATE REMOVAL PRIOR TO TOWER ERECTION.

SEE PAGE 10 FOR BASE SECTION INSTALLATION DETAIL.



TOWER ANCHOR STEEL PLACEMENT - TOP VIEW



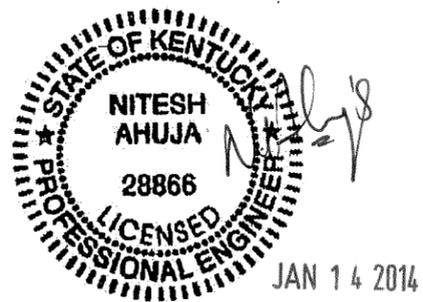
VIEW A - A - ANCHOR BOLT INSTALLATION DETAIL (NOT TO SCALE)

ATTENTION CONTRACTOR INSTALLING THE ANCHOR BOLTS!

1" DIAMETER ANCHOR BOLTS FOR TAPERED TOWER.

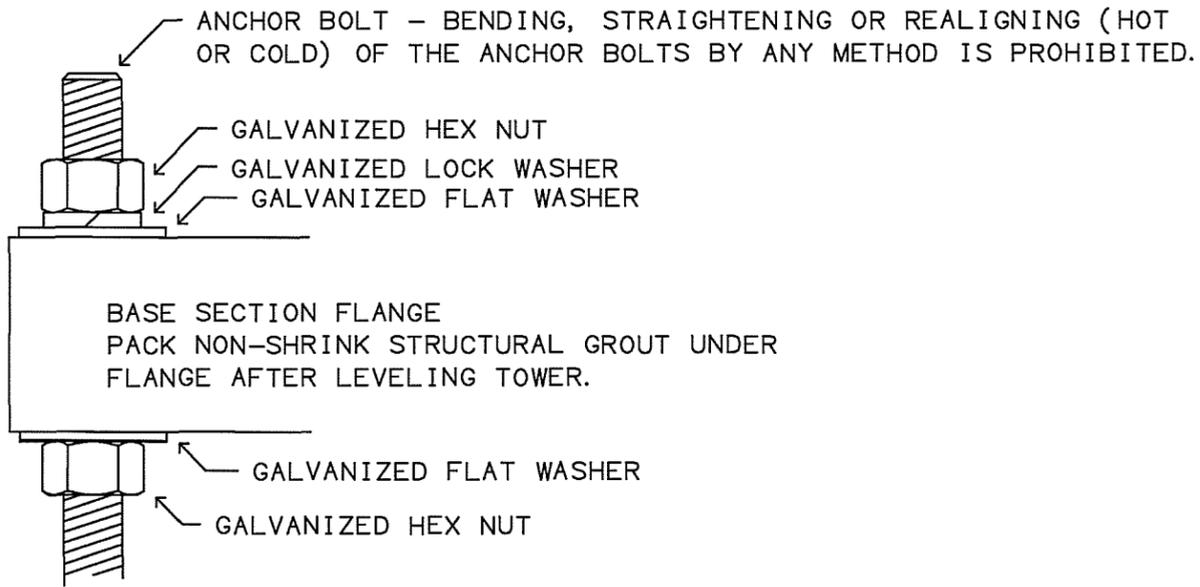
VERIFY THE PART NUMBERS AND SIZES FOR ALL COMPONENTS ON THIS PAGE AND PAGE 10.

IF THERE ARE ANY DISCREPANCIES, PLEASE NOTIFY PIROD, INC. PRIOR TO INSTALLATION!!



Nitesh Ahuja, KY Professional Engineer #28866

| | | |
|--|---------------|---|
| WESTOWER COMMUNICATIONS NIPPA AL6167, KY V-27.0 X 255' | | |
| APPROVED/ENG. | M_S 1/14/2014 | |
| APPROVED/FOUND. | M_S 1/14/2014 | 1-877-467-4763 Plymouth, IN 1-888-880-9191 Salem, OR |
| COPYRIGHT 2014 | | DRAWING NO. |
| DRAWN BY | SKK | 252661 |
| ENG. FILE NO. A-243504- | | PAGE |
| ARCHIVE F-1015871 | | 9 OF 10 |



BASE SECTION INSTALLATION DETAIL



Nitesh Ahuja, KY Professional Engineer #28866

| | | | |
|-------------------------|-----|--|---|
| | | WESTOWER COMMUNICATIONS NIPPA AL6167, KY V-27.0 X 255' | |
| | | valmont | |
| APPROVED/ENG. | M.S | 1/14/2014 | <small>1-877-467-4763 Plymouth, IN 1-888-880-9191 Salem, OR</small> STRUCTURES |
| APPROVED/FOUND. | M.S | 1/14/2014 | |
| COPYRIGHT 2014 | | | |
| DRAWN BY | SKK | DRAWING NO. | |
| ENG. FILE NO. A-243504- | | 252661 | |
| ARCHIVE F-1015871 | | PAGE 10 OF 10 | |

EXHIBIT D
COMPETING UTILITIES, CORPORATIONS, OR PERSONS LIST
AND MAP OF LIKE FACILITIES IN VICINITY



Universal Licensing System

[FCC](#) > [WTB](#) > [ULS](#) > [Online Systems](#) > License Search

[FCC Site Map](#)

License Search

[?](#) [HELP](#)

Search Results

[New Search](#) [Refine Search](#) [Printable Page](#) [Query Download](#) [Map License](#)

Specified Search

State = **Kentucky**
 County = **JOHNSON**
 Radio Service = **AW, CL, CW, WU**
 Status = **Active**

Matches 1- 34 (of 34)

PA = Pending Application(s)
TP = Termination Pending
L = Lease

Page 1

| | Call Sign/Lease ID | Name | FRN | Radio Service | Status | Expiration Date |
|----|--|--|------------|---------------|--------|-----------------|
| 1 | KNKN861 | NEW CINGULAR WIRELESS PCS, LLC | 0003291192 | CL | Active | 10/01/2021 |
| 2 | KNKN880 | East Kentucky Network, LLC d/b/a Appalachian Wireless | 0001786607 | CL | Active | 10/01/2021 |
| 3 | KNLF235 | New Cingular Wireless PCS, LLC | 0003291192 | CW | Active | 06/23/2015 |
| 4 | PA KNLF960 | T-Mobile License LLC | 0001565449 | CW | Active | 04/28/2017 |
| 5 | KNLH614 | SPRINTCOM, INC. | 0002315950 | CW | Active | 04/28/2017 |
| 6 | KNLH615 | SPRINTCOM, INC. | 0002315950 | CW | Active | 04/28/2017 |
| 7 | L000008141 | GTE Mobilnet of Florence, Alabama Incorporated | 0001573518 | WU | Active | 06/13/2019 |
| 8 | L000008142 | Topeka Cellular Telephone Company, Inc. | 0005068713 | WU | Active | 06/13/2019 |
| 9 | L000008150 | Tuscaloosa Cellular Partnership | 0001573104 | WU | Active | 06/13/2019 |
| 10 | L000008155 | Kentucky RSA No. 1 Partnership | 0001836709 | WU | Active | 06/13/2019 |
| 11 | L000008156 | Missouri RSA 2 Limited Partnership | 0019468784 | WU | Active | 06/13/2019 |
| 12 | L000008157 | Missouri RSA 4 Limited Partnership | 0019468800 | WU | Active | 06/13/2019 |
| 13 | L000008169 | St. Joseph CellTelCo | 0005005541 | WU | Active | 06/13/2019 |
| 14 | L000008489 | Illinois RSA 6 and 7 Limited Partnership | 0002842334 | WU | Active | 06/13/2019 |
| 15 | L000008492 | Alltel Central Arkansas Cellular Limited Partnership | 0001722008 | WU | Active | 06/13/2019 |
| 16 | L000008494 | Alltel Communications Wireless, Inc. | 0020532149 | WU | Active | 06/13/2019 |
| 17 | L000008505 | Arkansas RSA #2 (Searcy County) Cellular Limited Partnership | 0004989638 | AW | Active | 06/13/2019 |
| 18 | L000008506 | Arkansas RSA #2 (Searcy County) Cellular Limited Partnership | 0004989638 | WU | Active | 06/13/2019 |
| 19 | L000008543 | Missouri RSA #15 Limited Partnership | 0002533610 | AW | Active | 06/13/2019 |
| 20 | L000008544 | Missouri RSA #15 Limited Partnership | 0002533610 | WU | Active | 06/13/2019 |
| 21 | L000008574 | Northwest Arkansas RSA Limited Partnership | 0001837178 | WU | Active | 06/13/2019 |
| 22 | L000008622 | Southern Indiana RSA Limited Partnership | 0001837269 | AW | Active | 06/13/2019 |
| 23 | L000008624 | Southern Indiana RSA Limited Partnership | 0001837269 | WU | Active | 06/13/2019 |
| 24 | L000010763 | East Kentucky Network, LLC d/b/a Appalachian Wireless | 0001786607 | WU | Active | 06/13/2019 |
| 25 | WPOH986 | West Virginia PCS Alliance, L.C. | 0002049328 | CW | Active | 06/23/2015 |
| 26 | WPOK570 | East Kentucky Network, LLC d/b/a Appalachian Wireless | 0001786607 | CW | Active | 09/29/2019 |
| 27 | PA WQGA718 L | Cellco Partnership | 0003290673 | AW | Active | 11/29/2021 |
| 28 | WQGA822 | New Cingular Wireless PCS, LLC | 0003291192 | AW | Active | 11/29/2021 |
| 29 | WQGA940 | Cellco Partnership | 0003290673 | AW | Active | 11/29/2021 |
| 30 | PA WQGB377 | T-Mobile License LLC | 0001565449 | AW | Active | 11/29/2021 |
| 31 | PA WQGD755 | Cricket License Company, LLC | 0018407173 | AW | Active | 12/18/2021 |

| | | | | | | | |
|----|--------------------|-------------------------|--------------------------------------|------------|----|--------|------------|
| 31 | PA | WQSD733 | CHICKEN LICENSE COMPANY, LLC | 0010702123 | AW | Active | 12/10/2021 |
| 32 | PA | WQJQ692 | L Cellco Partnership | 0003290673 | WU | Active | 06/13/2019 |
| 33 | PA | WQPZ971 | T-Mobile License LLC | 0001565449 | AW | Active | 11/29/2021 |
| 34 | PA | WQSL582 | T-Mobile License LLC | 0001565449 | AW | Active | 04/30/2022 |

**Call
Sign/Lease
ID**

Name

FRN

**Radio
Service Status**

**Expiration
Date**

ULS Help

[ULS Glossary](#) - [FAQ](#) - [Online Help](#) - [Technical Support](#) - [Licensing Support](#)

ULS Online Systems

[CORES](#) - [ULS Online Filing](#) - [License Search](#) - [Application Search](#) - [Archive License Search](#)

About ULS

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Basic Search

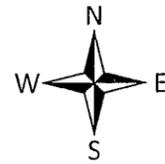
By Call Sign =

[FCC](#) | [Wireless](#) | [ULS](#) | [CORES](#)

[Help](#) | [Tech Support](#)

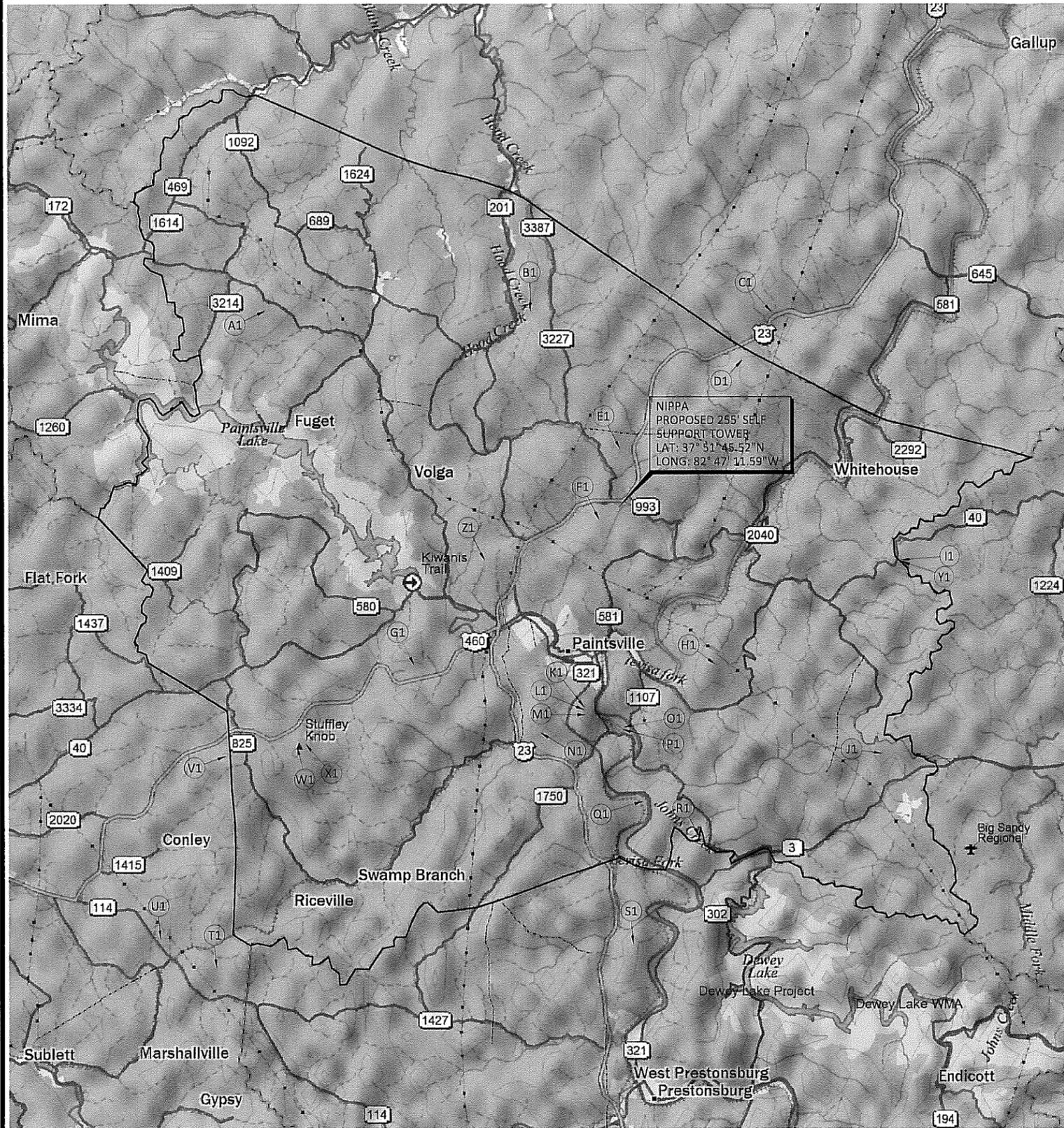
Federal Communications Commission
445 12th Street SW
Washington, DC 20554

Phone: 1-877-480-3201
TTY: 1-717-338-2824
[Submit Help Request](#)



JOHNSON COUNTY, KENTUCKY

AT&T SITE NAME: NIPPA

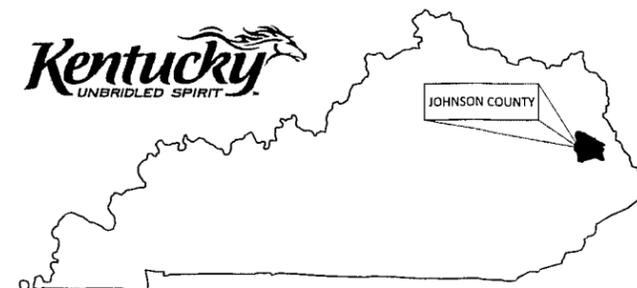


NOTE: TOWERS DEPICTED ARE ALL KNOWN TOWER SITES REGISTERED WITH THE FEDERAL COMMUNICATIONS COMMISSION IN JOHNSON COUNTY, KENTUCKY.

USGS 7.5 MINUTE QUADRANGLE: PAINTSVILLE, KY

EXISTING TOWER LEGEND

- | | |
|---|--|
| (A1) FCC REGISTRATION #: 1201236 EAST KY NETWORK LLC dba APPALACHIAN WIRELESS LAT: N37° 55' 40.00" LONG: W82° 56' 04.00" | (N1) FCC REGISTRATION #: 1043460 AT&T CORP LAT: N37° 47' 15.10" LONG: W82° 49' 08.90" |
| (B1) FCC REGISTRATION #: 1263782 EAST KY NETWORK LLC dba APPALACHIAN WIRELESS LAT: N37° 55' 39.20" LONG: W82° 49' 23.90" | (O1) FCC REGISTRATION #: 1278401 S.I.P. BROADCASTING CO. INC. LAT: N37° 47' 21.00" LONG: W82° 47' 04.00" |
| (C1) FCC REGISTRATION #: 1043796 NEW CINGULAR WIRELESS PCS LLC LAT: N37° 55' 38.10" LONG: W82° 43' 19.60" | (P1) FCC REGISTRATION #: 1042776 B & G BROADCASTING INC. dba = WKLW RADIO LAT: N37° 47' 19.00" LONG: W82° 47' 07.00" |
| (D1) FCC REGISTRATION #: 1061021 EAST KY NETWORK LLC dba APPALACHIAN WIRELESS LAT: N37° 54' 41.00" LONG: W82° 44' 04.60" | (Q1) FCC REGISTRATION #: 1232648 PAINTSVILLE UTILITIES LAT: N37° 45' 52.00" LONG: W82° 46' 36.00" |
| (E1) FCC REGISTRATION #: 1276168 EAST KY NETWORK LLC dba APPALACHIAN WIRELESS LAT: N37° 52' 54.60" LONG: W82° 47' 09.60" | (R1) FCC REGISTRATION #: 1232706 PAINTSVILLE UTILITIES LAT: N37° 45' 09.80" LONG: W82° 45' 10.00" |
| (F1) FCC REGISTRATION #: 1276597 S.I.P. BROADCASTING CO. INC. LAT: N37° 51' 30.30" LONG: W82° 47' 40.70" | (S1) FCC REGISTRATION #: 1260034 EAST KY NETWORK LLC dba APPALACHIAN WIRELESS LAT: N37° 43' 00.40" LONG: W82° 46' 49.60" |
| (G1) FCC REGISTRATION #: 1245196 CC ATT LLC LAT: N37° 48' 37.60" LONG: W82° 52' 20.10" | (T1) FCC REGISTRATION #: 1245637 CC ATT LLC LAT: N37° 42' 32.60" LONG: W82° 57' 19.90" |
| (H1) FCC REGISTRATION #: 1284188 EAST KY NETWORK LLC dba APPALACHIAN WIRELESS LAT: N37° 48' 36.50" LONG: W82° 44' 46.00" | (U1) FCC REGISTRATION #: 1201233 EAST KY NETWORK LLC dba APPALACHIAN WIRELESS LAT: N37° 43' 08.00" LONG: W82° 58' 44.00" |
| (I1) FCC REGISTRATION #: 1044848 COMMONWEALTH OF KY dba = KY EMERGENCY WARNING SYSTEM KEWS LAT: N37° 50' 41.00" LONG: W82° 40' 05.00" | (V1) FCC REGISTRATION #: 1246026 CC ATT LLC LAT: N37° 46' 47.30" LONG: W82° 57' 05.70" |
| (J1) FCC REGISTRATION #: 1260035 EAST KY NETWORK LLC dba APPALACHIAN WIRELESS LAT: N37° 46' 50.20" LONG: W82° 40' 32.50" | (W1) FCC REGISTRATION #: 1238188 EAST KY NETWORK LLC dba APPALACHIAN WIRELESS LAT: N37° 46' 58.40" LONG: W82° 55' 18.40" |
| (K1) FCC REGISTRATION #: 1043450 AMERICAN TOWERS LLC LAT: N37° 47' 45.50" LONG: W82° 48' 03.80" | (X1) FCC REGISTRATION #: 1065270 HIGHLAND COMMUNICATIONS INC. LAT: N37° 47' 01.00" LONG: W82° 55' 05.00" |
| (L1) FCC REGISTRATION #: 1201232 EAST KY NETWORK LLC dba APPALACHIAN WIRELESS LAT: N37° 47' 42.00" LONG: W82° 48' 03.00" | (Y1) FCC REGISTRATION #: 1065275 HIGHLAND COMMUNICATIONS INC. LAT: N37° 50' 41.00" LONG: W82° 40' 06.00" |
| (M1) FCC REGISTRATION #: 1065269 HIGHLAND COMMUNICATIONS INC. LAT: N37° 47' 36.00" LONG: W82° 48' 02.00" | (Z1) FCC REGISTRATION #: 1244186 EAST KY NETWORK LLC dba APPALACHIAN WIRELESS LAT: N37° 50' 42.00" LONG: W82° 50' 32.00" |



COUNTY TOWER MAP

| REV. | DATE | DESCRIPTION |
|------|--------|-------------|
| A | 4.8.14 | UPDATED PVA |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |

SITE INFORMATION:

NIPPA

OLD US 23
WITTESSVILLE, KY 41274
COUNTY: JOHNSON

SITE NUMBER:

POD NUMBER: 13-1450

DRAWN BY: DAP
CHECKED BY: MEP
DATE: 12.12.13

SHEET TITLE:

TOWER GRID MAP

SHEET NUMBER:

C-1

EXHIBIT E
CO-LOCATION REPORT



March 7, 2014

Kentucky Public Service Commission
211 Sower Blvd
PO Box 615
Frankfort, KY 40602

RE: Alternate Site Analysis Report
Uniform Application for a Communications Facility
Applicant: AT&T Mobility
Site Location: Old US 23, Wittensville, KY
Site Name: Nippa

Dear Commissioners:

This report is provided to explain the site development process used by the Applicant to identify the site selected for the new wireless communications facility proposed in the accompanying Uniform Application.

AT&T Mobility Site Development Process

Step 1: Problem Identification. AT&T Mobility radio frequency engineers first identified a growing coverage and/or capacity gap in the Wittensville area, within Johnson County.

Step 2: Search Ring. To help guide the site development team's task of identifying a suitable location for a new wireless communications facility site, AT&T Mobility's radio frequency engineers identified the geographic area where the antenna site must be located in order to close the gap and issued a map (called a Search Ring) that identified the general area in which a new site must be located. In this instance, the search ring was designed for an antenna site to be constructed within an area northeast of Wittensville, with major ground elevation changes within the search ring. This variation of over 500' within the ring required that we focus our search on property located at the higher elevations in order to make the site work.

Step 3: Co-location Review. The site development team first reviewed the area within the Search Ring for a suitable tall structure for co-location. In this case, we approached Appalachian Wireless regarding an existing tower the company owned north of the search ring. Appalachian's Manager of Technical Operations Mike Johnson declined to lease space to AT&T based on future modifications to the site currently being contemplated by the company. We also attempted to speak with Key Broadcasting's Terry Forcht and Mike Tarter by phone regarding an FM radio tower the company owned (FCC # 1276597) just outside of the search ring. Despite multiple attempts, we were unable to reach Key Broadcasting's representatives. There are no other tall structures within the ring.

Step 4: Review of the Area's Zoning Classification. Once the site development team determined that there are no available existing tall structures which are technically feasible and suitable for co-location, the team next reviewed local zoning requirements to identify parcels located within the search area that might be suitable from a land use perspective to host an antenna site. In this case, zoning did not play a part in establishing the proposed tower location. The Johnson County Judge Executive's Office confirmed prior to our evaluation phase that no zoning was in effect in the area under review.

Step 5: Preliminary Inspection and Assessment of Suitable Parcels. Once suitable parcels are identified, the site development team visits the parcels and performs a preliminary inspection. The purpose of the preliminary inspection is: (1) to confirm the availability of sufficient land space for the proposed facility; (2) to identify a specific location for the facility on the parcel; (3) to identify any recognized environmental conditions that would disqualify the parcel from consideration; (4) to identify any construction issues that would disqualify the candidate; and, (5) to assess the potential impact of the facility on neighboring properties. In this case, only two (2) candidate properties within the ring met the property location and ground elevation requirements to make the site workable.

Step 6: Candidate Evaluation and Selection. After the preliminary site assessments were performed, the site development team ranked the candidates based on the availability of ground space, topography, applicable environmental conditions, construction feasibility and the potential impact of the facility on neighboring properties. In this case, one property did not respond to repeated attempts to contact them. This left AT&T with only one potential site meeting their criteria where a new tower site might be constructed, and where a minimal number of trees would need to be removed for access.

Step 7: Leasing and Due Diligence. Once a suitable candidate was selected, lease negotiations were commenced and site due diligence steps were performed, as described below.

Leasehold Due Diligence:

- A Title Report was obtained and reviewed to ensure that there are no limitations on the landowner's capacity to lease and to address any title issues.
- A site survey was obtained to identify the location of parcel features, boundaries, easements and other encumbrances revealed by the title search.

Engineering Due Diligence:

- Utility access identified.
- Grounding plan designed.
- Geotechnical soil analysis performed to determine foundation requirements.
- Foundations designed to meet the Kentucky Building Code lateral and subjacent support requirements.
- Site plan developed.

Environmental Due Diligence:

A Phase I Environmental Site Assessment (“ESA”) investigation was performed to establish the pre-existing types and amounts of contamination at a site, and to establish that the leaseholder is innocent of liability for the costs of performing environmental cleanup work that might arise from pollution or contamination of the site caused by a third party.

In addition to performing a Phase 1 ESA, the site was also evaluated for potential impacts under the *National Environmental Policy Act* (NEPA), submitted to the State Historic Preservation Office for review of potential impacts to historic structures or districts, and submitted to the registered Tribal Historic Preservation Office so that registered Native American nations had the opportunity to review potential impacts on native religious, ceremonial, or cultural resources.

Federal Regulatory Approvals

- Federal Aviation Administration (“FAA”) compliance.
- Federal Communication Commission (“FCC”) compliance.

Step 8: Application. Once a lease is obtained and all site due diligence is completed, AT&T Mobility prepared and filed the accompanying uniform application to construct, maintain and operate a communications facility.

Conclusion

Applicant’s site identification and selection process aims to identify the least intrusive of all the technically feasible parcels in a service need area. In this case, AT&T focused their efforts on a property with existing access and utility runs eliminating the need to cut a new road and utility route into a heavily forested hillside area. Additionally, the chosen site minimizes the impact on neighboring residences because the proposed site is located over 500 feet from any existing residences. There is no more suitable location reasonably available from which adequate service to the area can be provided.

Sincerely,



John Boud

Site Acquisition Manager: Kentucky Market
10400 Linn Station Rd., Suite 225, Louisville, KY 40223
jboud@westower.com | 559.790.8855 (mobile)
www.westower.com



SEARCH RING
NIPPA



0 0.4659



miles

Scale: 1:15,270

bing™

Image courtesy of USGS © 2013 Microsoft Corporation

EXHIBIT F
FAA



Mail Processing Center
 Federal Aviation Administration
 Southwest Regional Office
 Obstruction Evaluation Group
 2601 Meacham Boulevard
 Fort Worth, TX 76137

Aeronautical Study No.
 2013-ASO-7435-OE

Issued Date: 11/15/2013

John Monday (Judd Yarbrough)
 AT&T Mobility
 2200 Greenville Ave.
 Richardson, TX 75082

**** 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 Nippa
 Location: Wittensville, KY
 Latitude: 37-51-45.37N NAD 83
 Longitude: 82-47-11.75W
 Heights: 883 feet site elevation (SE)
 265 feet above ground level (AGL)
 1148 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 marked/lighted in accordance with FAA Advisory circular 70/7460-1 K Change 2, Obstruction Marking and Lighting, a med-dual system - Chapters 4,8(M-Dual),&12.

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

This determination expires on 05/15/2015 unless:

- (a) the construction is started (not necessarily completed) and FAA Form 7460-2, Notice of Actual Construction or Alteration, is received by this office.
- (b) extended, revised, or terminated by the issuing office.
- (c) the construction is subject to the licensing authority of the Federal Communications Commission (FCC) and an application for a construction permit has been filed, as required by the FCC, within 6 months of the date of this determination. In such case, the determination expires on the date prescribed by the FCC for completion of construction, or the date the FCC denies the application.

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

This determination is based, in part, on the foregoing description which includes specific coordinates , heights, frequency(ies) and power . Any changes in coordinates , heights, and frequencies or use of greater power 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 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.

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.

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 (847) 294-8084. On any future correspondence concerning this matter, please refer to Aeronautical Study Number 2013-ASO-7435-OE.

Signature Control No: 196886818-201894849

(DNE)

Carole Bernacchi
Technician

Attachment(s)
Frequency Data

cc: FCC

Frequency Data for ASN 2013-ASO-7435-OE

| LOW FREQUENCY | HIGH FREQUENCY | FREQUENCY UNIT | ERP | ERP UNIT |
|------------------|-------------------|-------------------|------|-------------|
| 698 | 806 | MHz | 1000 | 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 |
| 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 |
| 1850 | 1910 | MHz | 1640 | W |
| 1930 | 1990 | MHz | 1640 | W |
| 2305 | 2310 | MHz | 2000 | W |
| 2345 | 2360 | MHz | 2000 | W |

EXHIBIT G
KENTUCKY AIRPORT ZONING COMMISSION



KENTUCKY AIRPORT ZONING COMMISSION

STEVEN BESHEAR
Governor

90 Airport Road, Bldg 400
Frankfort, KY 40601
www.transportation.ky.gov/aviation
502 564-4480

April 8, 2014

APPROVAL OF APPLICATION

APPLICANT:

AT&T
AT&T
601 W. Chestnut
Louisville, KY 40203

SUBJECT: AS-058-SJS-2013-146

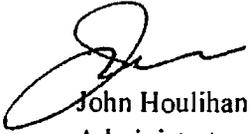
STRUCTURE: Antenna Tower
LOCATION: Wittensville, KY
COORDINATES: 37° 51' 45.52" N / 82° 47' 11.59" W
HEIGHT: 265' AGL/1149' AMSL

The Kentucky Airport Zoning Commission has approved your application for a permit to construct 265' AGL/ 1149' AMSL Antenna Tower near Wittensville, KY 37° 51' 45.52" N / 82° 47' 11.59" W.

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

A copy of the approved application is enclosed for your files.

Medium Dual Obstruction Lighting is required in accordance with 602 KAR 50:100.


John Houlihan
Administrator



An Equal Opportunity Employer M/F/D



KENTUCKY AIRPORT ZONING COMMISSION

STEVEN BESHEAR
Governor

90 Airport Road, Bldg 400
Frankfort, KY 40601
www.transportation.ky.gov/aviation
502 564-4480

CONSTRUCTION/ALTERATION STATUS REPORT

April 8, 2014

AERONAUTICAL STUDY NUMBER: AS-058-SJS-2013-146

AT&T
AT&T
601 W. Chestnut
Louisville, KY 40203

This concerns the permit which was issued to you by the Kentucky Airport Zoning Commission on April 8, 2014. This permit is valid for a period of 18 Month(s) from its date of issuance. If construction is not completed within the said 18-Month period, this permit shall lapse and be void, and no work shall be performed without the issuance of a new permit. When appropriate, please indicate the status of the project in the place below and return this letter to John Houlihan, Administrator, Kentucky Airport Zoning Commission, 90 Airport Road, Bldg 400, Frankfort, KY, 40601. 502 564-4480.

STRUCTURE: Antenna Tower
LOCATION: Wittensville, KY
COORDINATES: 37° 51' 45.52" N / 82° 47' 11.59" W
HEIGHT: 265' AGL / 1149' AMSL

CONSTRUCTION/ALTERATION STATUS

1. The project () is abandoned. () is not abandoned.

2. Construction status is as follows:

Structure reached its greatest height of _____ ft. AGL
_____ ft. AMSL on _____ (date).

Date construction was completed. _____

Type of obstruction marking/painting. _____

Type of obstruction lighting. _____

As built coordinates. _____

Miscellaneous Information. _____

DATE _____

SIGNATURE/TITLE _____



NIPPA SITE



KENTUCKY TRANSPORTATION CABINET

TC 56-50
Rev. 07/2010
Page 2 of 2

KENTUCKY AIRPORT ZONING COMMISSION

APPLICATION FOR PERMIT TO CONSTRUCT OR ALTER A STRUCTURE

| | | | | | |
|---|-------------------------|--|---------------------|--|--------------|
| APPLICANT (name) AT&T | | PHONE 502-779-5951 | FAX | KY AERONAUTICAL STUDY # AS-058-K22-2013-146 | |
| ADDRESS (street) 601 W. Chestnut | | CITY Louisville | | STATE KY | ZIP 40203 |
| APPLICANT'S REPRESENTATIVE (name) Kit Nickel | | PHONE 614-582-8825 | FAX 614-583-9148 | | |
| ADDRESS (street) 3173 Deanpark Drive | | CITY Hilliard | | STATE OH | ZIP 43026 |
| 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 | |
| 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°51'45.52" | | LONGITUDE 82°47'11.59" | | DATUM <input checked="" type="checkbox"/> NAD83 <input type="checkbox"/> NAD27 <input type="checkbox"/> Other | |
| NEAREST KENTUCKY City Wittensville County Johnson ✓ | | NEAREST KENTUCKY PUBLIC USE OR MILITARY AIRPORT | | | |
| SITE ELEVATION (AMSL, feet) 884.0 | | TOTAL STRUCTURE HEIGHT (AGL, feet) 265 | | CURRENT (FAA aeronautical study #) | |
| OVERALL HEIGHT (site elevation plus total structure height, feet) 1149.0 | | | | PREVIOUS (FAA aeronautical study #) | |
| DISTANCE (from nearest Kentucky public use or Military airport to structure) | | | | PREVIOUS (KY aeronautical study #) | |
| DIRECTION (from nearest Kentucky public use or Military airport to structure) | | | | | |
| DESCRIPTION OF LOCATION (Attach USGS 7.5 minute quadrangle map or an airport layout drawing with the precise site marked and any certified survey.) Site is 1/2 mile East of Wittensville, KY | | | | | |
| DESCRIPTION OF PROPOSAL AT&T is proposing to construct a 255' self-supporting tower, with lightning rod of up to 10', for a total height of 265'. | | | | | |
| FAA Form 7460-1 (Has the "Notice of Construction or Alteration" been filed with the Federal Aviation Administration?) <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes, when? unknown date of submission | | | | | |
| 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 Kit Nickel | TITLE Agent for AT&T | SIGNATURE <i>Kit Nickel, as agent</i> | | DATE September 5, 2013 | |
| COMMISSION ACTION <input checked="" type="checkbox"/> Approved <input type="checkbox"/> Disapproved | | | | | |
| SIGNATURE <i>[Signature]</i> | | DATE 4-8-14 | | | |

**EXHIBIT H
GEOTECHNICAL REPORT**



ENVIRONMENTAL CORPORATION OF AMERICA

ENVIRONMENTAL | GEOTECHNICAL | WETLANDS | ECOLOGY | CULTURAL RESOURCES

Geotechnical Investigation

AT&T Site (Nippa)

Off Old US Highway 23
Whitensville, Kentucky
Johnson County

ECA Project No. P1327



SUBMITTED TO:

WesTower Communications
10400 Linn Station Road, Suite 225
Louisville, KY 40223

PREPARED BY:

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



ENVIRONMENTAL CORPORATION OF AMERICA

ENVIRONMENTAL | GEOTECHNICAL | WETLANDS | ECOLOGY | CULTURAL RESOURCES

March 4, 2014

WesTower Communications
10400 Linn Station Road, Suite 225
Louisville, KY 40223

Attention: Mr. John Boud

Subject: **Report of Geotechnical Investigation
AT&T Site NIPPA
Off Old US Highway 23
Whitensville, Johnson County, Kentucky
ECA Project No. P1327**

Dear Mr. Boud:

Environmental Corporation of America (ECA) is pleased to submit this report of our investigation for the proposed project. Our services were provided as authorized via purchase order dated October 1, 2013.

This report presents a review of the information provided to us, a description of the site and subsurface conditions, and our recommendations. The appendices contain a Boring Location Plan and a Boring Log.

Purpose and Scope of Work

The purpose of this exploration was to obtain specific subsurface data at the site and to provide geotechnical-related design parameters and construction recommendations for the proposed tower.

Our scope of work included the following:

- Two soil test borings were drilled to depths of 7.8 and 8 ft below the ground surface (bgs). Figure 1 shows the boring locations. Standard penetration tests (SPTs) were conducted to obtain soil samples and SPT (N) values, in accordance with ASTM D1586.
- The depth to groundwater, if any, was measured in the borings after drilling was completed.

- The soil samples were visually classified and a boring log was prepared. The soil conditions were evaluated by a registered professional engineer and this geotechnical report was prepared with our recommendations.

No physical testing of soil samples has been conducted to calculate site specific bearing capacities or settlements. We have recommended design parameters and settlements based on the SPT (N) values, an examination of the soil samples, and our experience with similar soil conditions and structures.

Project Information

We were provided with a survey of the Property by Power of Design dated September 10, 2013. The Property is located in a wooded area south of Old US Highway 23.

We understand that plans call for the construction of a 255-foot self-supporting lattice tower on the site. We assume that the equipment building/cabinets will be pre-fabricated structures supported on a turned-down slab foundation.

Site Conditions

The fieldwork was conducted on February 25, 2014. Information obtained from the borings was used to help us evaluate the subsurface conditions and to assist in formulating our recommendations.

Subsurface Conditions

The subsurface conditions were explored with two borings drilled approximately as shown on Figure 1.

The borings encountered sandy silt and very silty sand overlying apparent bedrock at approximately 8 feet. The soils classified as ML and SM soil types based on the Unified Soil Classification System (USCS). The N-values are shown on the attached boring log and ranged from 34 to over 100 blows per foot (bpf). Auger refusal was encountered at 8 feet in boring B-1. Boring B-1A was offset approximately 5 feet south and auger refusal was encountered at 7.8 feet.

Groundwater was not present in the borings at the time of completion.

Recommendations

Tower Foundations: The subsurface conditions are suitable for support of the tower using a mat foundation. Due to the shallow depth to bedrock, a caisson foundation would not be feasible.

For a pad and pier foundation design, the soils are capable of a maximum, net allowable design bearing pressure of 6.0 ksf with the base bearing at or below 4-feet from existing grade. Total and differential settlement should be less than 1-inch and ½-inch, respectively. Soil parameters that may be of use in design are as follows:

| | |
|----------------------------|----------|
| Cohesion | 1500 psf |
| Angle of internal friction | 10° |
| Unit weight of soil | 115 pcf |

Groundwater should not be encountered in a mat foundation excavation.

Building Foundations: The proposed equipment cabinet(s) can be supported on a spread footing foundation. A maximum allowable net bearing pressure of 2.0 kips per ft² should be used to design the building/cabinet foundation. Total and differential settlements should be less than 1/2-inch and 1/4-inch, respectively.

Foundation Excavations: To avoid softening of the shallow soils exposed at the foundation bearing level, excavations should not be left open for extended periods, prior to placing reinforcing steel and concrete. If rain or freezing weather is expected, excavations should not be completed. Leaving the excavations at least 1 ft above final grade should protect the bearing soils from deterioration.

If the excavation must remain open overnight or if rainfall becomes imminent while the bearing soils are exposed, we recommend that a 2 to 4-inch thick "mud-mat" of "lean" (2000 psi) concrete be placed on the bearing soils before the placement of reinforcing steel. If the bearing soils are softened by surface water intrusion or exposure, the softened soils must be removed from the foundation excavation bottom immediately prior to placement of concrete.

Fill Placement: The amount of fill required for this project depends on the planned final grades, but we expect it to be minimal. Any required fill should be placed in maximum 8-inch thick lifts. The soil moisture content should be close to the optimum moisture content. The soil should be compacted to at least 98% of the maximum dry density, as determined by the standard Proctor method (ASTM D-698).

In areas supporting floor slabs or pavements, the upper 18 inches of fill should be compacted to 100% of the standard Proctor density. As no laboratory testing has been conducted, we do not know the capability of the surficial soil to support pavements. However, we suggest that the upper soils be replaced by granular fill in areas of heavy traffic to improve the subgrade support capabilities and moisture sensitivity.

Field density tests should be conducted at routine intervals, as the fill is being placed, to verify that adequate compaction is achieved.

Prior to placing any new fill, any soft or loose near surface soils should be removed and the area proofrolled with a heavy vehicle to confirm that any unsuitable soil conditions have been discovered.

Basis for Recommendations

The subsurface conditions encountered at the boring location are shown on the Boring Log in Appendix B. This Boring Log represents our interpretation of the subsurface conditions based on the field logs and visual examination of field samples by an engineer. The lines designating the interface between various strata on the Boring Log represent the approximate interface locations. In addition, the transition between strata may be gradual. The water level shown on the Boring Log, if any, represents the condition only at the time of our exploration.

The recommendations contained herein are based in part on project information provided to us and only apply to the specific project and site discussed in this report. If the project information section in this report contains incorrect information or if additional information is available, please let us know so that we may review the validity of our recommendations.

Regardless of the thoroughness of a geotechnical investigation, there is always a possibility that conditions between borings will be different from those at specific boring locations and that conditions will not be as anticipated by the designers or contractors. In addition, the construction process may itself alter soil conditions. Therefore, experienced geotechnical personnel should observe and document the construction procedures used and the conditions encountered. Unanticipated conditions and inadequate procedures should be reported to the design team along with timely recommendations to solve the problems created. ECA is best qualified to provide this service based on our familiarity with the project, the subsurface conditions, and the intent of the recommendations and design.

We wish to remind you that we will store the soil samples for 30 days. The samples will then be discarded unless you request otherwise.

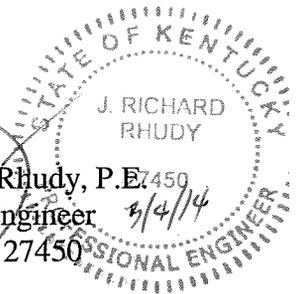
Mr. Boud
Page 5

We will be happy to discuss our recommendations with you and look forward to providing the additional studies or services necessary to complete this project. We appreciate the opportunity to be of service. Please call us with any questions at (770) 667-2040.

Sincerely,
Environmental Corporation of America



Kelby Williams, EIT
Project Engineer



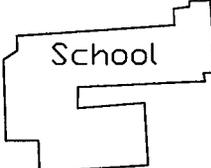
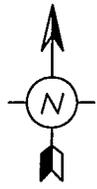
J. Richard Rhudy, P.E.²⁷⁴⁵⁰
Principal Engineer 3/4/14
KY Reg. # 27450

Appendix A Boring Location Plan
Appendix B Boring Log

APPENDIX A

Boring Location Plan

Old US Hwy 23
(Combs Drive)



School

Existing
Asphalt Drive

Garage

Existing
Gravel Drive

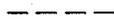
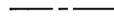
End of
Asphalt

PROPOSED ~3,408' x 30'
ACCESS/UTILITY EASEMENT

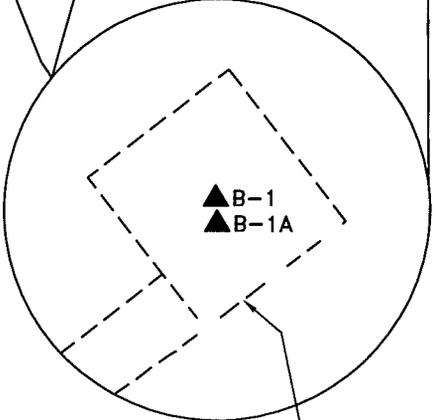
Existing Graded
Dirt Drive

NOT TO SCALE

LEGEND

-  PROPOSED PROJECT AREA
-  PROPERTY LINE
-  BORING LOCATION

End of
Gravel



PROPOSED ~100' x 100'
LEASE AREA

AT&T Site KYALU6167 (Nippa)
Off Old US Highway 23
Wittensville, Johnson County, Kentucky

Figure 1: Boring Location Plan



ECA Project # P1327

SOURCE: ECA Site Visit and Site Survey

DRAWN BY: JLD/KLW DATE: 3/3/2014
FILE NAME: F:\%P1327\ .dwg

APPENDIX B

Boring Log

Project: AT&T Site (Nippa)

Log of Boring: B-1/B-1A

City, State Wittensville, Kentucky

Client: Westower

Drill Date: February 25, 2014

ECA Job No: P1327

Field Rep: Tyler

| Elevation (ft) | Depth | SUBSURFACE PROFILE | | SAMPLE | | | |
|----------------|-------|--------------------|--|----------------------|--------------------------------------|-------------------------------|-------------|
| | | Symbol | Description | Blow Counts (per ft) | SPT Values (blows/ft) 10 20 30 40 | Remarks | Water depth |
| 0 | 0 | | Ground Surface | | | | |
| -3 | | | Hard tan sandy SILT (ML) | 34 | | | |
| -8 | 5 | | <i>Partially Weathered Rock</i> Very dense tan very silty SAND (SM) | 100+ | | | |
| | 8 | | Boring Terminated | 100+ | | Auger refusal at 8 ft | |
| | 10 | | | | | Boring B-1A offset 5 ft south | |
| | 7.8 | | | | | Auger refusal at 7.8 ft | |

Drilled By: Tri-State Drilling

Depth to Water: N/A

Borehole Size: 2.25" ID

Total Depth: 8 ft

Drill Method: Hollow Stem Augers

Sheet: 1 of 1

Environmental Corp. of America
1375 Union Hill Indus. Ct., Ste A
Alpharetta, GA 30004
(770) 667-2040



EXHIBIT I
DIRECTIONS TO WCF SITE

Driving Directions to Proposed Tower Site at Nippa

1. Beginning at the Johnson County Clerk's office located at 230 Court Street, Paintsville, KY, head north on Court Street toward 3rd Street.
2. Turn left onto 3rd Street and continue for approximately 0.2 miles.
3. Turn right onto West Street and travel approximately 105 feet.
4. West Street turns slightly left and becomes 3rd St. / U.S. 23 Bus. Continue to follow U.S. 23 Bus for approximately 1.5 miles.
5. Turn right onto KY-321 North and travel for approximately 0.8 miles.
6. Turn right onto US-23 North and travel for approximately 3.0 miles. The site will be on the right.
7. The site coordinates are
 - a. North 37 deg 51' 45.52"
 - b. West 82 deg 47' 11.59"



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

EXHIBIT J
COPY OF REAL ESTATE AGREEMENT

MEMORANDUM OF LEASE

Prepared by:

Kit Nickel

PBM Wireless

13714 Smokey Ridge Overlook

Carmel, IN 46033

Return to:

New Cingular Wireless PCS, LLC

Attn: Network Real Estate Administration

575 Morosgo Drive NE,

Suite 13-F West Tower,

Atlanta, GA 30324

Re: Cell Site # KYALU6167; Cell Site Name: NIPPA

Fixed Asset # 12568748

State: KENTUCKY

County: JOHNSON

MEMORANDUM
OF
LEASE

This Memorandum of Lease is entered into on this 19th day of December, 2013, by and between CHRIS FERGUSON AND JENNIFER FERGUSON, HUSBAND AND WIFE, having a mailing address of PO BOX 625, WITTENVILLE, KY 41274 (hereinafter referred to as "Landlord") and New Cingular Wireless PCS, LLC, a Delaware limited liability company, having a mailing address of 575 Morosgo Drive NE, Suite 13-F West Tower, Atlanta, Ga 30324 (hereinafter referred to as "Tenant").

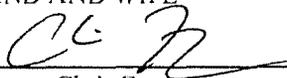
1. Landlord and Tenant entered into a certain Option and Lease Agreement ("Agreement") on the 19th day of December, 2013, for the purpose of installing, operating and maintaining a communications facility and other improvements. All of the foregoing is set forth in the Agreement.
2. The initial lease term will be five (5) years commencing on the effective date of written notification by Tenant to Landlord of Tenant's exercise of its option, with four (4) successive five (5) year options to renew.

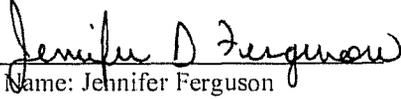
3. The portion of the land being leased to Tenant and associated easements are described in **Exhibit 1** annexed hereto.
4. This Memorandum of Lease is not intended to amend or modify, and shall not be deemed or construed as amending or modifying, any of the terms, conditions or provisions of the Agreement, all of which are hereby ratified and affirmed. In the event of a conflict between the provisions of this Memorandum of Lease and the provisions of the Agreement, the provisions of the Agreement shall control. The Agreement shall be binding upon and inure to the benefit of the parties and their respective heirs, successors, and assigns, subject to the provisions of the Agreement.

IN WITNESS WHEREOF, the parties have executed this Memorandum of Lease as of the day and year first above written.

"LANDLORD"

CHRIS FERGUSON AND JENNIFER FERGUSON,
HUSBAND AND WIFE

By: 
Print Name: Chris Ferguson
Its: Owner
Date: 10-1-13

By: 
Print Name: Jennifer Ferguson
Its: Owner
Date: 10-1-13

"TENANT"

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

By: AT&T Mobility Corporation
Its: Manager

By: 
Print Name: Terry R. Kilgore
Its: Area Manager, C&E
Date: 12/19/13

[ACKNOWLEDGMENTS APPEAR ON THE NEXT PAGE]

TENANT ACKNOWLEDGMENT

STATE OF Kentucky)
) ss:
COUNTY OF FULTON)

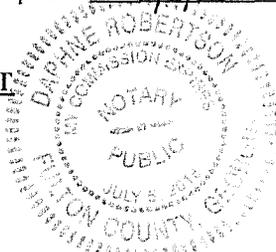
On the 19th day of December, 2013, before me personally appeared Terry R. Kilgore, and acknowledged under oath that he/she is the Area Mgr. Const. & Engrg. of AT&T Mobility Corporation, the Manager of New Cingular Wireless PCS, LLC, the Tenant named in the attached instrument, and as such was authorized to execute this instrument on behalf of the Tenant.

Daphne Robertson
Notary Public: DAPHNE ROBERTSON
My Commission Expires: 7/5/15

LANDLORD ACKNOWLEDGMENT

STATE OF Kentucky)
) ss:
COUNTY OF Johnson)

On the 1st day of October, 2013 before me, personally appeared Chris Ferguson and Jennifer Ferguson, who acknowledged under oath, that they are the persons named in the within instrument, and that they executed the same in their stated capacity as the voluntary act and deed of the Landlord for the purposes therein contained.



Robin Meek
Notary Public: Robin Meek
My Commission Expires: 08-11-17
#183071

EXHIBIT 1

DESCRIPTION OF PREMISES

Page 1 of 5

to the Option and Lease Agreement dated December 19, 2013, by and between Chris Ferguson and Jennifer Ferguson, Husband and Wife, as Landlord, and New Cingular Wireless PCS, LLC, a Delaware limited liability company, as Tenant.

The Property is legally described as follows:

Beginning at a concrete and steel stake at the Bonita VanHoose lane and the W.R. Castle property and Danny VanHoose line; thence following the Danny VanHoose line South West to an iron and cement pin at the base of a stump at point 102.05 of the survey map of Alcheny Engineering Associates, Inc., filed of record of even date, said survey map having been made September 10, 1999.

Thence in a straight line South following the old John Walker line; to the top of the hill to a steel and concrete stake; thence following the ridge East at the point it joins the wipple will creek at a steel stake; thence down the center of the ridge in a North Westerly direction with the old bob wire fence to Toms Creek; thence Westerly up Toms Creek to the W.R. Castle School Board line following along the survey map of Alcheny Engineering Associates, Inc., made September 10, 1999, recorded of even date to a 5"x 5" concrete marker; thence to the drain at the W.R. Castle line at Bonita lane in a Westerly direction back to the point of beginning. Containing approximately 60 acres more or less

Grantors further convey any and all interest they may own or have ever owned in the property commonly referred to as the "Old Doc W.R. Castle Farm". Grantors further declare that to the best of their knowledge, the mineral rights have not been sold from this property and therefore convey any and all mineral rights of any kind that they may own or have ever owned in this property to the Grantees.

Being the same property conveyed to Chris D. Ferguson and Jennifer D. Ferguson by Deed dated February 3, 2007, of record in Deed Book 404, Page 672, in the Office of the Clerk of Johnson County, Kentucky. Also see Deed Book 38, Page 582.

The Premises are a 10,000 square foot portion (100' x 100') of the above described Property along with a 30' access and utility easement described as follows:

EXHIBIT 1

DESCRIPTION OF PREMISES

Page 2 of 5

PROPOSED LEASE AREA

Beginning at a found 5/8" rebar capped DIA ENGR / BIGGS PLS 1965" in the southeast line of the property conveyed to W R Castle Memorial School c/o Johnson County Brd of Ed as recorded in Deed Book 145, Page 167 in the office of the clerk of the county court of Johnson County, Kentucky, being N 18°28'35" E - 111.50' from a found 5"x5" concrete marker post also in said southeast line; thence traversing said W R Castle property, N 42°02'45" W - 828.38' to a set PK nail in the south right-of-way line of Combs Drive aka Old US 23; thence S 30°40'44" E - 172.66' to a set PK nail on the property conveyed to Chris & Jennifer Ferguson as recorded in Deed Book 386, Page 187 in the aforesaid clerk's office; thence traversing said Ferguson property with the arc of a curve to the right with a radius of 600.00' and a chord bearing of S 11°43'08" E - 389.89' to a set PK nail; thence S 53°01'51" E - 48.53' to a set PK nail; thence with the arc of a curve to the left with a radius of 50.00' and a chord bearing of N 86°12'26" E - 65.29' to a set 5/8" rebar capped "Patterson PLS 3136" on the property conveyed to Chris & Jennifer Ferguson as recorded in Deed Book 404, Page 672 in the aforesaid clerk's office; thence traversing said Ferguson property, N 45°26'42" E - 193.99' to a set 5/8" rebar capped "Patterson PLS 3136"; thence with the arc of a curve to the left with a radius of 300.00' and a chord bearing of N 37°09'47" E - 86.43' to a set 5/8" rebar capped "Patterson PLS 3136"; thence N 28°52'52" E - 90.00' to a set 5/8" rebar capped "Patterson PLS 3136"; thence with the arc of a curve to the right with a radius of 85.00' and a chord bearing of N 68°06'35" E - 107.51' to a set 5/8" rebar capped "Patterson PLS 3136"; thence S 72°39'42" E - 149.18' to a set 5/8" rebar capped "Patterson PLS 3136"; thence N 81°32'18" E - 75.98' to a set 5/8" rebar capped "Patterson PLS 3136"; thence with the arc of a curve to the right with a radius of 20.00' and a chord bearing of S 18°34'53" E - 39.38' to a set 5/8" rebar capped "Patterson PLS 3136"; thence S 61°17'56" W - 69.90' to a set 5/8" rebar capped "Patterson PLS 3136"; thence with the arc of a curve to the left with a radius of 115.00' and a chord bearing of S 28°20'55" W - 125.10' to a set 5/8" rebar capped "Patterson PLS 3136"; thence S 04°36'05" E - 78.53' to a set 5/8" rebar capped "Patterson PLS 3136"; thence with the arc of a curve to the right with a radius of 150.00' and a chord bearing of S 36°49'49" W - 198.52' to a set 5/8" rebar capped "Patterson PLS 3136"; thence with the arc of a curve to the left with a radius of 175.00' and a chord bearing of S 44°23'55" W - 195.03' to a set 5/8" rebar capped "Patterson PLS 3136"; thence S 10°32'06" W - 96.43' to a set 5/8" rebar capped "Patterson PLS 3136"; thence S 16°26'09" W - 124.21' to a set 5/8" rebar capped "Patterson PLS 3136"; thence S 07°38'13" W - 164.71' to a set 5/8" rebar capped "Patterson PLS 3136"; thence S 15°48'06" W - 78.32' to a set 5/8" rebar capped "Patterson PLS 3136"; thence S 06°21'38" W - 147.07' to a set 5/8" rebar capped "Patterson PLS 3136"; thence with the arc of a curve to the right with a radius of 250.00' and a chord bearing of S 18°47'08" W - 107.58' to a set 5/8" rebar capped "Patterson PLS 3136"; thence S 31°12'38" W - 88.93' to a set 5/8" rebar capped "Patterson PLS 3136"; thence with the arc of a curve to the left with a radius of 250.00' and a chord bearing of S 20°18'58" W - 94.50' to a set 5/8" rebar capped "Patterson PLS 3136"; thence N 36°32'01" E - 56.34' to a set 5/8" rebar capped "Patterson PLS 3136"; thence N 41°45'09" E - 182.28' to a set 5/8" rebar capped "Patterson PLS 3136"; thence N 17°20'41" E - 87.93' to a set 5/8" rebar capped "Patterson PLS 3136"; thence N 26°06'08" E - 75.22' to a set 5/8" rebar capped "Patterson PLS 3136"; thence N 06°22'22" E - 202.11' to a set 5/8" rebar capped "Patterson PLS 3136"; thence N 16°05'48" E - 52.21' to a set 5/8" rebar capped "Patterson PLS 3136"; thence N 27°29'26" E - 197.06' to a set 5/8" rebar capped "Patterson PLS 3136"; thence with the arc of a curve to the right with a radius of 160.00' and a chord bearing of N 55°09'58" E - 148.63' to a set 5/8" rebar capped "Patterson PLS 3136"; thence N 82°50'31" E - 22.21' to a set 5/8"

EXHIBIT 1

DESCRIPTION OF PREMISES

Page 3 of 5

rebar capped "Patterson PLS 3136"; thence N 56°25'03" E - 95.94' to a set 5/8" rebar capped "Patterson PLS 3136"; thence N 20°29'57" E - 168.68' to a set 5/8" rebar capped "Patterson PLS 3136"; thence N 24°01'11" E - 162.72' to a set 5/8" rebar capped "Patterson PLS 3136"; thence N 51°41'18" E - 127.24' to a set 5/8" rebar capped "Patterson PLS 3136" and the true point of beginning of the proposed lease area; thence N 36°31'13" W - 84.99' to a set 5/8" rebar capped "Patterson PLS 3136"; thence N 53°28'47" E - 100.00' to a set 5/8" rebar capped "Patterson PLS 3136"; thence S 36°31'13" E - 100.00' to a set 5/8" rebar capped "Patterson PLS 3136"; thence S 53°28'47" W - 100.00' to a set 5/8" rebar capped "Patterson PLS 3136"; thence N 36°31'13" W - 15.01' to the true point of beginning containing 10,000 square feet as per survey by Mark E. Patterson, PLS #3136 with Power of Design Group, LLC dated September 10, 2013.

CENTERLINE PROPOSED 30' ACCESS & UTILITY EASEMENT

Beginning at a found 5/8" rebar capped "DIA ENGR / BIGGS PLS 1965" in the southeast line of the property conveyed to W R Castle Memorial School c/o Johnson County Brd of Ed as recorded in Deed Book 145, Page 167 in the office of the clerk of the county court of Johnson County, Kentucky, being N 18°28'35" E - 111.50' from a found 5"x5" concrete marker post also in said southeast line; thence traversing said W R Castle property, N 42°02'45" W - 828.38' to a set PK nail in the south right-of-way line of Combs Drive aka Old US 23 and the true point of beginning of the centerline of the proposed 30' access & utility easement; thence with said centerline, S 30°40'44" E - 172.66' to a set PK nail on the property conveyed to Chris & Jennifer Ferguson as recorded in Deed Book 386, Page 187 in the aforesaid clerk's office; thence traversing said Ferguson property with the arc of a curve to the right with a radius of 600.00' and a chord bearing of S 11°43'08" E - 389.89' to a set PK nail; thence S 53°01'51" E - 48.53' to a set PK nail; thence with the arc of a curve to the left with a radius of 50.00' and a chord bearing of N 86°12'26" E - 65.29' to a set 5/8" rebar capped "Patterson PLS 3136" on the property conveyed to Chris & Jennifer Ferguson as recorded in Deed Book 404, Page 672 in the aforesaid clerk's office; thence traversing said Ferguson property, N 45°26'42" E - 193.99' to a set 5/8" rebar capped "Patterson PLS 3136"; thence with the arc of a curve to the left with a radius of 300.00' and a chord bearing of N 37°09'47" E - 86.43' to a set 5/8" rebar capped "Patterson PLS 3136"; thence N 28°52'52" E - 90.00' to a set 5/8" rebar capped "Patterson PLS 3136"; thence with the arc of a curve to the right with a radius of 85.00' and a chord bearing of N 68°06'35" E - 107.51' to a set 5/8" rebar capped "Patterson PLS 3136"; thence S 72°39'42" E - 149.18' to a set 5/8" rebar capped "Patterson PLS 3136"; thence N 81°32'18" E - 75.98' to a set 5/8" rebar capped "Patterson PLS 3136"; thence with the arc of a curve to the right with a radius of 20.00' and a chord bearing of S 18°34'53" E - 39.38' to a set 5/8" rebar capped "Patterson PLS 3136"; thence S 61°17'56" W - 69.90' to a set 5/8" rebar capped "Patterson PLS 3136"; thence with the arc of a curve to the left with a radius of 115.00' and a chord bearing of S 28°20'55" W - 125.10' to a set 5/8" rebar capped "Patterson PLS 3136"; thence S 04°36'05" E - 78.53' to a set 5/8" rebar capped "Patterson PLS 3136"; thence with the arc of a curve to the right with a radius of 150.00' and a chord bearing of S 36°49'49" W - 198.52' to a set 5/8" rebar capped "Patterson PLS 3136"; thence with the arc of a curve to the left with a radius of 175.00' and a chord bearing of S 44°23'55" W - 195.03' to a set 5/8" rebar capped "Patterson PLS 3136"; thence S 10°32'06" W - 96.43' to a set 5/8" rebar capped "Patterson PLS 3136"; thence S 16°26'09" W - 124.21' to a set 5/8" rebar capped "Patterson PLS 3136"; thence S 07°38'13" W - 164.71' to a set 5/8" rebar capped "Patterson PLS 3136"; thence S 15°48'06" W - 78.32' to a set 5/8" rebar capped "Patterson PLS 3136"; thence S 06°21'38" W - 147.07' to a set 5/8"

EXHIBIT 1

DESCRIPTION OF PREMISES

Page 4 of 5

rebar capped "Patterson PLS 3136"; thence with the arc of a curve to the right with a radius of 250.00' and a chord bearing of S 18°47'08" W - 107.58' to a set 5/8" rebar capped "Patterson PLS 3136"; thence S 31°12'38" W - 88.93' to a set 5/8" rebar capped "Patterson PLS 3136"; thence with the arc of a curve to the left with a radius of 250.00' and a chord bearing of S 20°18'58" W - 94.50' to a set 5/8" rebar capped "Patterson PLS 3136"; thence N 36°32'01" E - 56.34' to a set 5/8" rebar capped "Patterson PLS 3136"; thence N 41°45'09" E - 182.28' to a set 5/8" rebar capped "Patterson PLS 3136"; thence N 17°20'41" E - 87.93' to a set 5/8" rebar capped "Patterson PLS 3136"; thence N 26°06'08" E - 75.22' to a set 5/8" rebar capped "Patterson PLS 3136"; thence N 06°22'22" E - 202.11' to a set 5/8" rebar capped "Patterson PLS 3136"; thence N 16°05'48" E - 52.21' to a set 5/8" rebar capped "Patterson PLS 3136"; thence N 27°29'26" E - 197.06' to a set 5/8" rebar capped "Patterson PLS 3136"; thence with the arc of a curve to the right with a radius of 160.00' and a chord bearing of N 55°09'58" E - 148.63' to a set 5/8" rebar capped "Patterson PLS 3136"; thence N 82°50'31" E - 22.21' to a set 5/8" rebar capped "Patterson PLS 3136"; thence N 56°25'03" E - 95.94' to a set 5/8" rebar capped "Patterson PLS 3136"; thence N 20°29'57" E - 168.68' to a set 5/8" rebar capped "Patterson PLS 3136"; thence N 24°01'11" E - 162.72' to a set 5/8" rebar capped "Patterson PLS 3136"; thence N 51°41'18" E - 127.24' to a set 5/8" rebar capped "Patterson PLS 3136" and the end of said easement as per survey by Mark E. Patterson, PLS #3136 with Power of Design Group, LLC dated September 10, 2013.

DOCUMENT NO: 463557
RECORDED: January 24, 2014 02:04:00 PM
TOTAL FEES: \$32.00
COUNTY CLERK: SALLEE HOLBROOK
DEPUTY CLERK: JENNIFER
COUNTY: JOHNSON COUNTY

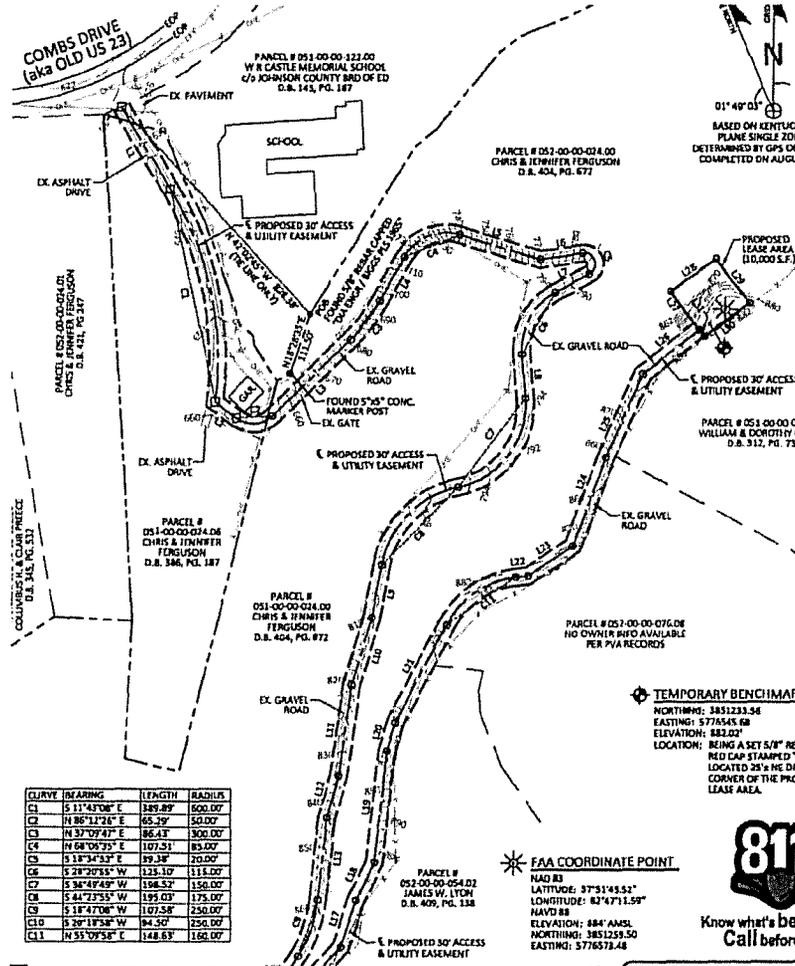
BOOK: L116 PAGES: 178 - 185

EXHIBIT 1

DESCRIPTION OF PREMISES

Page 5 of 5

The Premises are further 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.

**EXHIBIT K
NOTIFICATION LISTING**

Nippa Landowner Notice Listing

Chris & Jennifer Ferguson
P.O. Box 625
Wittensville, KY 41274

W R Castle Memorial School
c/o Johnson County Board of Education
201 US 23
Paintsville, KY 41240

Roberta Castle
591 Combs Drive
Wittensville, KY 41274

Jason L. & Katherine M. Meade
P.O. Box 584
559 Combs Drive
Wittensville, KY 41274

Yvonne Day
1158 Say Avenue
Columbus, OH 43201

Teresa L. Hensley
4033 US 23 N
Nippa, KY 41240

Michael & Vikie Case
4083 US 23
Nippa, KY 41240

Mark & Nancy Cantrell
11324 Kentucky Route 172
Flat Gap, KY 41219

Sherry McCarty
c/o Family Bank
311 N. Arnold Avenue Ste 100
Prestonsburg, KY 41653

Doug & Betsy Vanhooose
P.O. Box 683
Paintsville, KY 41240

William C. & Dorothy Castle
P.O. Box 229
Wittensville, KY 41274

James W. Lyon
P.O. Box 725
Salyersville, KY 41465

Roy L. Burns
794 Whippoorwill Road
Paintsville, KY 41240

Columbus H. & Clair Preece
P.O. Box 339
Wittensville, KY 41274

Brian & Edna Kennard
470 Combs Drive
Wittensville, KY 41274

M.T. Womack Jr.
422 Combs Drive
Wittensville, KY 41274

Hubert & Linda L. Slone
P.O. Box 474
Wittensville, KY 41274

Arbie Jones
c/o Diana Combs
209 Julia Avenue
Dayton, OH 45405

Danny & Dianna S. Houston
P.O. Box 255
Wittensville, KY 41274

McClure Cemetery
c/o Chester McClure
470 Combs Drive
Wittensville, KY 41274

McKenzie Cemetery
c/o Chester McClure
470 Combs Drive
Wittensville, KY 41274

EXHIBIT L
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: Nippa**

Dear Landowner:

New Cingular Wireless PCS, LLC, a Delaware limited liability company, d/b/a AT&T Mobility has filed an application with the Kentucky Public Service Commission ("PSC") to construct a new wireless communications facility on a site located on Old U.S. 23, Wittensville, KY 41274 (37°51'45.52" North latitude, 82°47'11.59" West longitude). The proposed facility will include a 255-foot tall antenna tower, plus a 10-foot lightning arrestor and related ground facilities. This facility is needed to provide improved coverage for wireless communications in the area.

This notice is being sent to you because the Johnson 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 2014-00135 in any correspondence sent in connection with this matter.

We have attached a map showing the site location for the proposed tower. AT&T Mobility's radio frequency engineers assisted in selecting the proposed site for the facility, and they have determined it is the proper location and elevation needed to provide quality service to wireless customers in the area. Please feel free to contact us toll free at (800) 516-4293 if you have any comments or questions about this proposal.

Sincerely,
David A. Pike
Attorney for AT&T Mobility

enclosure

Driving Directions to Proposed Tower Site at Nippa

1. Beginning at the Johnson County Clerk's office located at 230 Court Street, Paintsville, KY, head north on Court Street toward 3rd Street.
2. Turn left onto 3rd Street and continue for approximately 0.2 miles.
3. Turn right onto West Street and travel approximately 105 feet.
4. West Street turns slightly left and becomes 3rd St. / U.S. 23 Bus. Continue to follow U.S. 23 Bus for approximately 1.5 miles.
5. Turn right onto KY-321 North and travel for approximately 0.8 miles.
6. Turn right onto US-23 North and travel for approximately 3.0 miles. The site will be on the right.
7. The site coordinates are
 - a. North 37 deg 51' 45.52"
 - b. West 82 deg 47' 11.59"



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



SURVEY

| REV. | DATE | DESCRIPTION |
|------|----------|--------------|
| A | 03.21.14 | VERIFIED PVA |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |
| | | |

SITE INFORMATION:

NIPPA
 OLD US 23
 WITNESSVILLE, KY 41274
 COUNTY: JOHNSON

SITE NUMBER:

POD NUMBER: 13-0984
 DRAWN BY: CSA
 CHECKED BY: MEP
 DATE: 10.08.13

SHEET TITLE:

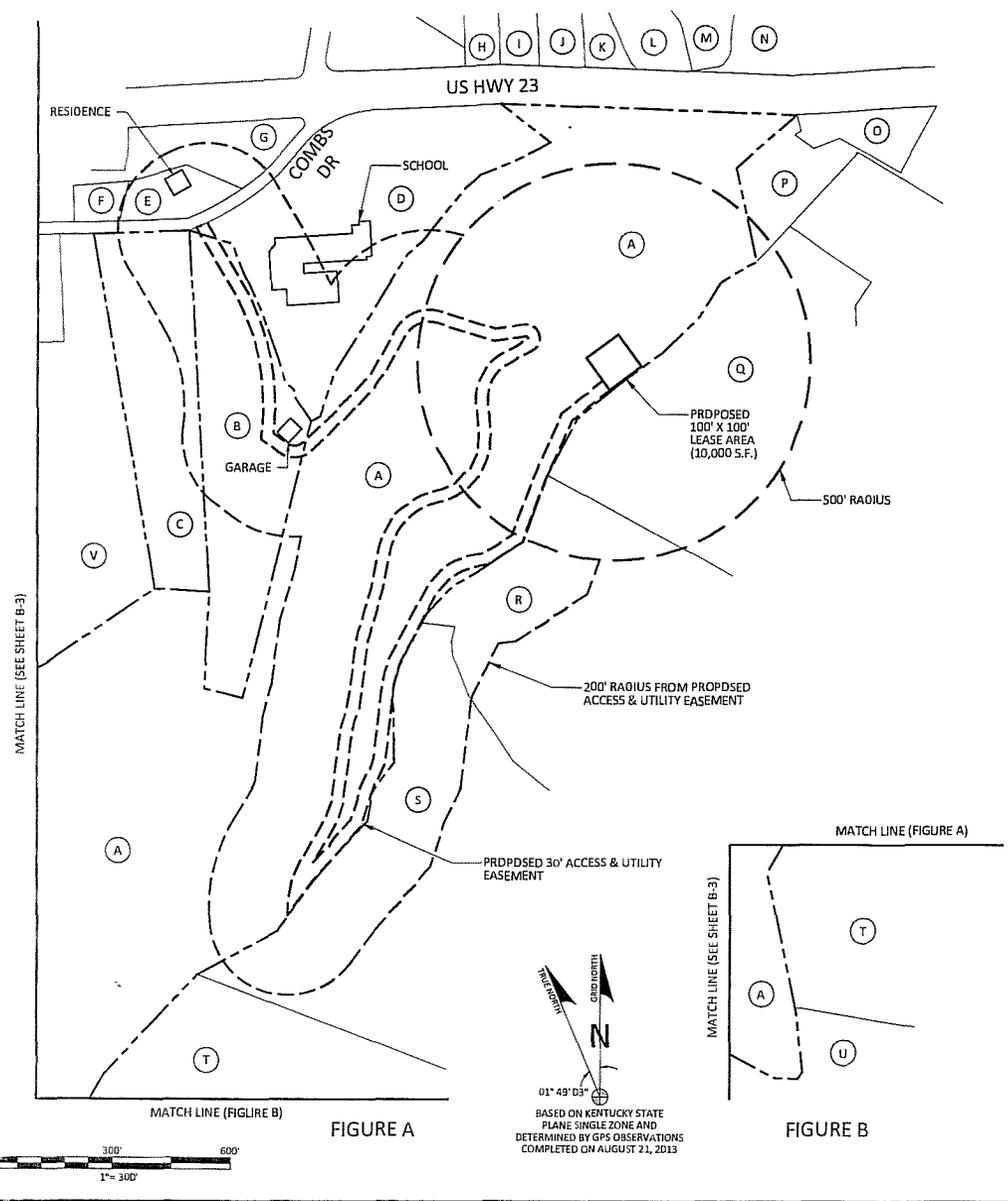
500' RADIUS & ABUTTER'S MAP

SHEET NUMBER:

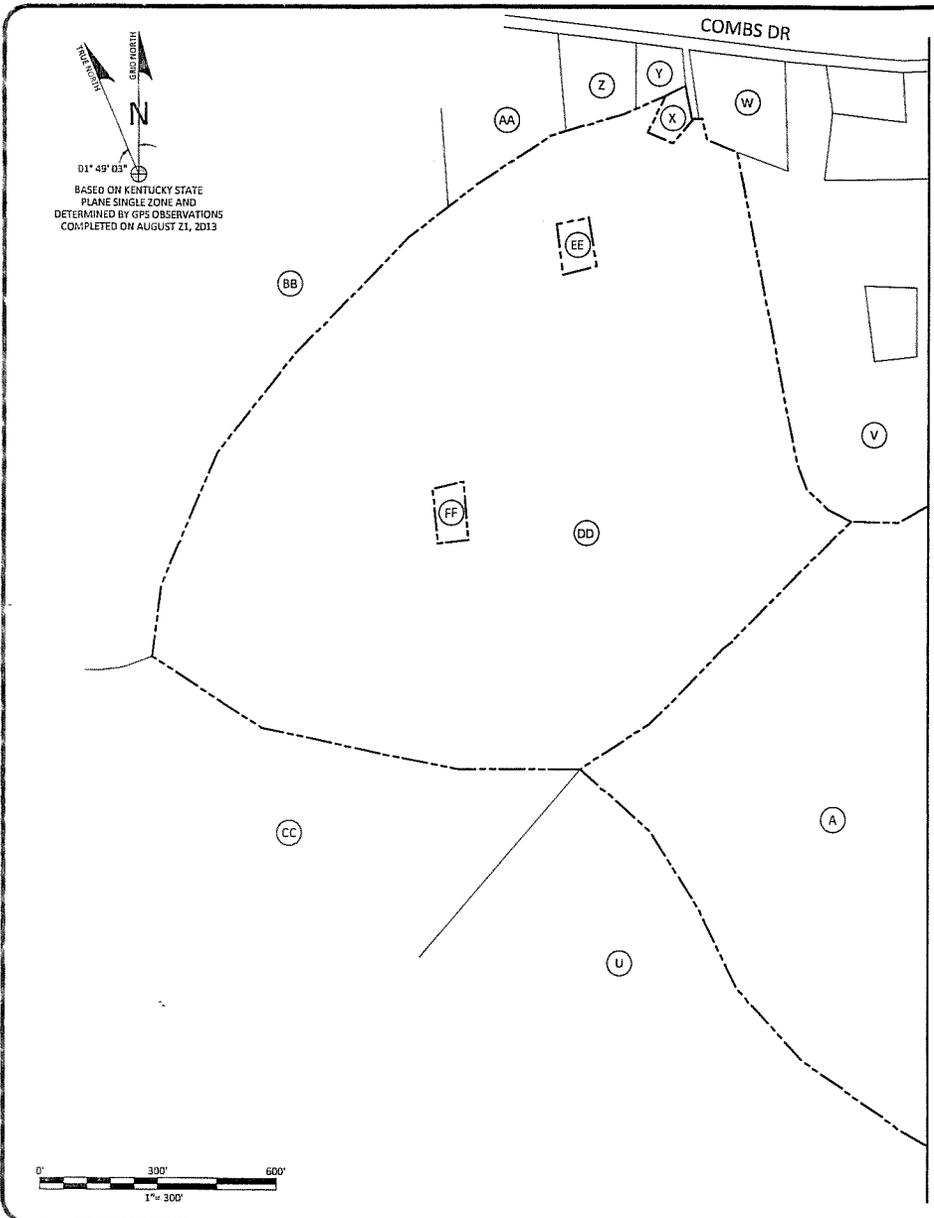
B-2

- (A) PARCEL # 052-00-00-024.00
CHRIS AND JENNIFER FERGUSON
PO BOX 625
WITNESSVILLE, KY 41274
D.B. 404, PG. 672
NO ZONING
- (B) PARCEL # 052-00-00-024.06
CHRIS AND JENNIFER FERGUSON
PD BOX 625
WITNESSVILLE, KY 41274
D.B. 385, PG. 187
NO ZONING
- (C) PARCEL # 052-00-00-024.01
CHRIS AND JENNIFER FERGUSON
PO BOX 625
WITNESSVILLE, KY 41274
D.B. 421, PG. 247
NO ZONING
- (D) PARCEL # 051-00-00-122.00
W R CASTLE MEMORIAL SCHOOL
C/O JOHNSON CO BRD OF ED
201 US 23
PAINTSVILLE, KY 41240
D.B. 145, PG. 167
NO ZONING
- (E) PARCEL # 052-00-00-023.00
ROBERTA CASTLE
591 COMBS DR
WITNESSVILLE, KY 41274
D.B. 414, PG. 307
NO ZONING
- (F) PARCEL # 052-00-00-023.03
JASDN L AND KATHERINE M MEADE
PO BOX S84 559 COMBS DR
WITNESSVILLE, KY 41274
D.B. 418, PG. 195
NO ZONING
- (G) PARCEL # 051-00-00-115.00
YVONNE DAY
1158 5AY AVE
COLUMBUS, OH 43201
D.B. 389, PG. 299
NO ZONING
- (H) PARCEL # 051-00-00-101.09
TERESA L HENSLEY
4033 US 23 N
NIPPA, KY 41240
D.B. 377, PG. 062
NO ZONING
- (I) PARCEL # 051-00-00-101.08
TERESA L HENSLEY
4033 US 23 N
NIPPA, KY 41240
D.B. 425, PG. 786
NO ZONING
- (J) PARCEL # 051-00-00-105.01
MICHAEL AND VICKIE CASE
4083 US 23
NIPPA, KY 41240
D.B. 393, PG. 121
NO ZONING
- (K) PARCEL # 051-00-00-105.00
MICHAEL AND VICKIE CASE
4083 US 23
NIPPA, KY 41240
D.B. 354, PG. 789
NO ZONING
- (L) PARCEL # 051-00-00-100.00
MARK AND NANCY CANTRELL
11324 KENTUCKY ROUTE 172
FLAT GAP, KY 41219
D.B. 429, PG. 660
NO ZONING
- (M) PARCEL # 051-00-00-099.00
SHERRY MCCARTY
C/O FAMILY BANK
311 N ARNOLD AVE
STE 100
PRESTONSBURG, KY 41653
D.B. 383, PG. 185
NO ZONING
- (N) PARCEL # 051-00-00-097.00
DOUG AND BETSY VANHOOSE
PO BOX 683
PAINTSVILLE, KY 41240
NO DEED OF RECORD FOUND
NO ZONING
- (O) PARCEL # 052-00-00-029.03
WILLIAM C AND DOROTHY CASTLE
PO BOX 229
WITNESSVILLE, KY 41274
D.B. 337, PG. 161
NO ZONING
- (P) PARCEL # 052-00-00-080.02
NO DEED OF RECORD FOUND
- (Q) PARCEL # 052-00-00-030.01
WILLIAM AND DOROTHY CASTLE
PO BOX 229
WITNESSVILLE, KY 41274
D.B. 312, PG. 73
NO ZONING
- (R) PARCEL # 052-00-00-026.08
NO DEED OF RECORD FOUND
- (S) PARCEL # 052-00-00-054.02
JAMES W LYON
PO BOX 725
SAYLERSVILLE, KY 41465
D.B. 409, PG. 138
NO ZONING
- (T) PARCEL # 052-00-00-053.02
NO DEED OF RECORD FOUND
- (U) PARCEL # 052-00-00-053.00
ROY L BURNS
794 WHIPPOORWILL RD
PAINTSVILLE, KY 41240
NO RECORD OF DEED
NO ZONING
- (V) PARCEL # 052-00-00-021.00
COLUMBUS H AND CLAIR PREECE
PO BOX 339
WITNESSVILLE, KY 41274
D.B. 345, PG. 532
NO ZONING

- GENERAL NOTE:**
- ALL INFORMATION SHOWN HEREON WAS OBTAINED FROM THE RECORDS OF THE JOHNSON COUNTY KENTUCKY PROPERTY VALUATION ADMINISTRATION OFFICE ON 8.21.13 AND UPDATED ON 3.21.14. THE PROPERTY VALUATION ADMINISTRATION RECORDS MAY NOT REFLECT THE CURRENT OWNERS AND ADDRESSES DUE TO THE INACCURACIES AND TIME LAPSE IN UPDATING FILES. POD AND THE COUNTY PROPERTY VALUATION ADMINISTRATION EXPRESSLY DISCLAIMS ANY WARRANTY FOR THE CONTENT AND ANY ERRORS CONTAINED IN THEIR FILES.
 - THIS MAP IS FOR GENERAL INFORMATIONAL PURPOSES ONLY AND IS NOT A BOUNDARY SURVEY.
 - NOT FOR RECORDING OR PROPERTY TRANSFER.



BASED ON KENTUCKY STATE PLANE SINGLE ZONE AND DETERMINED BY GPS OBSERVATIONS COMPLETED ON AUGUST 21, 2013



01° 49' 03"
 BASED ON KENTUCKY STATE
 PLANE SINGLE ZONE AND
 DETERMINED BY GPS OBSERVATIONS
 COMPLETED ON AUGUST 21, 2013

0' 300' 600'
 1" = 300'

- (A) PARCEL # 052-00-00-024.00
CHRIS AND JENNIFER FERGUSON
PO BOX 625
WITTENSVILLE, KY 41274
D.B. 404, PG. 672
ND ZONING
- (U) PARCEL # 052-00-00-053.00
RDY L BURNS
794 WHIPPOORWILL RD
PAINTSVILLE, KY 41240
NO DEED OF RECORD FOUND
NO ZONING
- (V) PARCEL # 052-00-00-021.00
COLUMBUS H AND CLAIR PREECE
PO BDX 339
WITTENSVILLE, KY 41274
D.B. 345, PG. 532
ND ZONING
- (W) PARCEL # 052-00-00-020.04
BRIAN AND EDNA KENNARD
470 COMBS DR
WITTENSVILLE, KY 41274
D.B. 386, PG. 456
NO ZONING
- (X) PARCEL # 052-00-00-020.01
CHRIS AND JENNIFER FERGUSON
PD BOX 625
WITTENSVILLE, KY 41274
D.B. 431, PG. 132
NO ZONING
- (Y) PARCEL # 052-00-00-019.00
M T WOMACK, JR
422 COMBS DR
WITTENSVILLE, KY 41274
NO DEED OF RECORD FOUND
NO ZONING
- (Z) PARCEL # 052-00-00-018.00
HUBERT AND LINDA L SLONE
PO BOX 474
WITTENSVILLE, KY 41274
D.B. 404, PG. 672
NO ZONING
- (AA) PARCEL # 052-00-00-017.00
ARBIE CDMBS
C/O DIANA COMBS
209 JULIA AVE
DAYTON, OH 45405
NO DEED OF RECORD FOUND
NO ZONING
- (BB) PARCEL # 052-00-00-015.00
NO DEED OF RECORD FOUND
- (CC) PARCEL # 052-00-00-062.03
DANNY AND DIANA S HOUSTON
PD BOX 255
WITTENSVILLE, KY 41274
D.B. 359, PG. 569
NO ZONING
- (DD) PARCEL # 052-00-00-020.00
CHRIS AND JENNIFER FERGUSON
PO BDX 625
WITTENSVILLE, KY 41274
D.B. 431, PG. 132
ND ZONING
- (EE) PARCEL # 052-00-00-020.02
MCCLURE CEMETERY
C/O CHESTER MCCLURE
470 COMBS DR
WITTENSVILLE, KY 41274
NO DEED OF RECORD FOUND
NO ZONING
- (FF) PARCEL # 052-00-00-020.03
MCKENZIE CEMETERY
C/O CHESTER MCCLURE
470 COMBS DR
WITTENSVILLE, KY 41274
NO DEED OF RECORD FOUND
NO ZONING

GENERAL NOTE:

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- NOT FOR RECORDING OR PROPERTY TRANSFER.



4500 OLD LAGRANGE ROAD
BUCKNER, KY 40010
502-437-5252





SURVEY

| REV. | DATE | DESCRIPTION |
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SITE INFORMATION:

NIPPA

OLD US 23
WITTENSVILLE, KY 41274
COUNTY: JOHNSON

SITE NUMBER:

POD NUMBER: 13-0884

DRAWN BY: CSA
CHECKED BY: MEP
DATE: 10.08.13

SHEET TITLE:

**500' RADIUS &
ABUTTER'S MAP**

SHEET NUMBER:

B-3

EXHIBIT M
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

Hon. Roger T. Daniel
Johnson County Judge Executive
230 Court St.
P.O. Box 868
Paintsville, KY 41240

RE: Notice of Proposal to Construct Wireless Communications Facility
Kentucky Public Service Commission Docket No. 2014-00135
Site Name: Nippa

Dear Judge Daniel:

New Cingular Wireless PCS, LLC, a Delaware limited liability company, d/b/a AT&T Mobility has filed an application with the Kentucky Public Service Commission ("PSC") to construct a new wireless communications facility on a site located at Old US 23 in Wittensville, Kentucky 41274 (37°51'45.52" North latitude, 82°47'11.59" West longitude). The proposed facility will include a 255-foot tall antenna tower, plus a 10-foot lightning arrestor and related ground facilities. This facility is needed to provide improved coverage for wireless communications in the area.

You have a right to submit comments to the PSC or to request intervention in the PSC's proceedings on the application. You may contact the PSC at: Executive Director, Public Service Commission, 211 Sower Boulevard, P.O. Box 615, Frankfort, Kentucky 40602. Please refer to docket number 2014-00135 in any correspondence sent in connection with this matter.

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

Sincerely,

David A. Pike
Attorney for AT&T Mobility
enclosure

Driving Directions to Proposed Tower Site at Nippa

1. Beginning at the Johnson County Clerk's office located at 230 Court Street, Paintsville, KY, head north on Court Street toward 3rd Street.
2. Turn left onto 3rd Street and continue for approximately 0.2 miles.
3. Turn right onto West Street and travel approximately 105 feet.
4. West Street turns slightly left and becomes 3rd St. / U.S. 23 Bus. Continue to follow U.S. 23 Bus for approximately 1.5 miles.
5. Turn right onto KY-321 North and travel for approximately 0.8 miles.
6. Turn right onto US-23 North and travel for approximately 3.0 miles. The site will be on the right.
7. The site coordinates are
 - a. North 37 deg 51' 45.52"
 - b. West 82 deg 47' 11.59"



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



SURVEY

| REV. | DATE | DESCRIPTION |
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SITE INFORMATION:

NIPPA
 OLD US 23
 WITTENSVILLE, KY 41274
 COUNTY: JOHNSON

SITE NUMBER:

POD NUMBER: 13-0884
 DRAWN BY: CSA
 CHECKED BY: MEP
 DATE: 10.08.13

SHEET TITLE:

500' RADIUS & ABUTTER'S MAP

SHEET NUMBER:

B-2

- (A) PARCEL # 052-00-00-024.00
CHRIS AND JENNIFER FERGUSON
PO BOX 625
WITTENSVILLE, KY 41274
D.B. 404, PG. 672
NO ZONING
- (B) PARCEL # 052-00-00-024.06
CHRIS AND JENNIFER FERGDN
PO BOX 625
WITTENSVILLE, KY 41274
D.B. 386, PG. 187
ND ZDNING
- (C) PARCEL # 052-00-00-024.01
CHRIS AND JENNIFER FERGUSON
PO BOX 625
WITTENSVILLE, KY 41274
D.B. 421, PG. 247
NO ZONING
- (D) PARCEL # 051-00-00-122.00
W R CASTLE MEMORIAL SCHODL
C/O JOHNSON CO BRD OF ED
201 US 23
PAINTSVILLE, KY 41240
D.B. 145, PG. 167
NO ZONING
- (E) PARCEL # 052-00-00-023.00
ROBERTA CASTLE
591 COMBS DR
WITTENSVILLE, KY 41274
D.B. 414, PG. 307
NO ZONING
- (F) PARCEL # 052-00-00-023.03
JASON L AND KATHERINE M MEADE
PO BOX 584 559 COMBS DR
WITTENSVILLE, KY 41274
D.B. 418, PG. 195
NO ZONING
- (G) PARCEL # 051-00-00-115.00
YVONNE DAY
1158 SAY AVE
COLUMBUS, OH 43201
D.B. 389, PG. 299
NO ZONING
- (H) PARCEL # 051-00-00-101.09
TERESA L HENSLEY
4033 US 23 N
NIPPA, KY 41240
D.B. 377, PG. 062
NO ZONING
- (I) PARCEL # 051-00-00-101.08
TERESA L HENSLEY
4033 US 23 N
NIPPA, KY 41240
D.B. 425, PG. 786
NO ZONING
- (J) PARCEL # 051-00-00-105.01
MICHAEL AND VICKIE CASE
4083 US 23
NIPPA, KY 41240
D.B. 333, PG. 121
NO ZONING
- (K) PARCEL # 051-00-00-105.00
MICHAEL AND VICKIE CASE
4083 US 23
NIPPA, KY 41240
D.B. 354, PG. 789
NO ZONING
- (L) PARCEL # 051-00-00-100.00
MARK AND NANCY CANTRELL
11324 KENTUCKY ROUTE 172
FLAT GAP, KY 41219
D.B. 429, PG. 660
NO ZDNING
- (M) PARCEL # 051-00-00-099.00
SHERRY MCCARTY
C/O FAMILY BANK
311 N ARNOLD AVE
STE 100
PRESTONSBURG, KY 41653
D.B. 383, PG. 185
NO ZONING
- (N) PARCEL # 051-00-00-097.00
DOUG AND BETSY VANHOOSE
PO BOX 683
PAINTSVILLE, KY 41240
NO DEED OF RECORD FOUND
NO ZONING
- (O) PARCEL # D52-00-00-029.03
WILLIAM C AND OOROTHY CASTLE
PO BOX 229
WITTENSVILLE, KY 41274
D.B. 337, PG. 161
NO ZONING
- (P) PARCEL # 052-00-00-030.02
NO DEED OF RECORD FOUND
- (Q) PARCEL # 052-00-00-030.01
WILLIAM AND DOROTHY CASTLE
PO BOX 229
WITTENSVILLE, KY 41274
D.B. 312, PG. 73
NO ZONING
- (R) PARCEL # 052-00-00-026.08
NO DEED OF RECORD FOUND
- (S) PARCEL # 052-00-00-054.02
JAMES W LYON
PO BOX 725
SAYLERSVILLE, KY 41465
D.B. 409, PG. 138
NO ZONING
- (T) PARCEL # 052-00-00-053.02
NO DEED OF RECORD FOUND
- (U) PARCEL # 052-00-00-053.00
ROY L BURNS
794 WHIPPOORWILL RD
PAINTSVILLE, KY 41240
NO RECORD OF DEED
NO ZONING
- (V) PARCEL # 052-00-00-021.00
COLUMBUS H AND CLAIR PREECE
PO BOX 339
WITTENSVILLE, KY 41274
D.B. 345, PG. 532
ND ZONING

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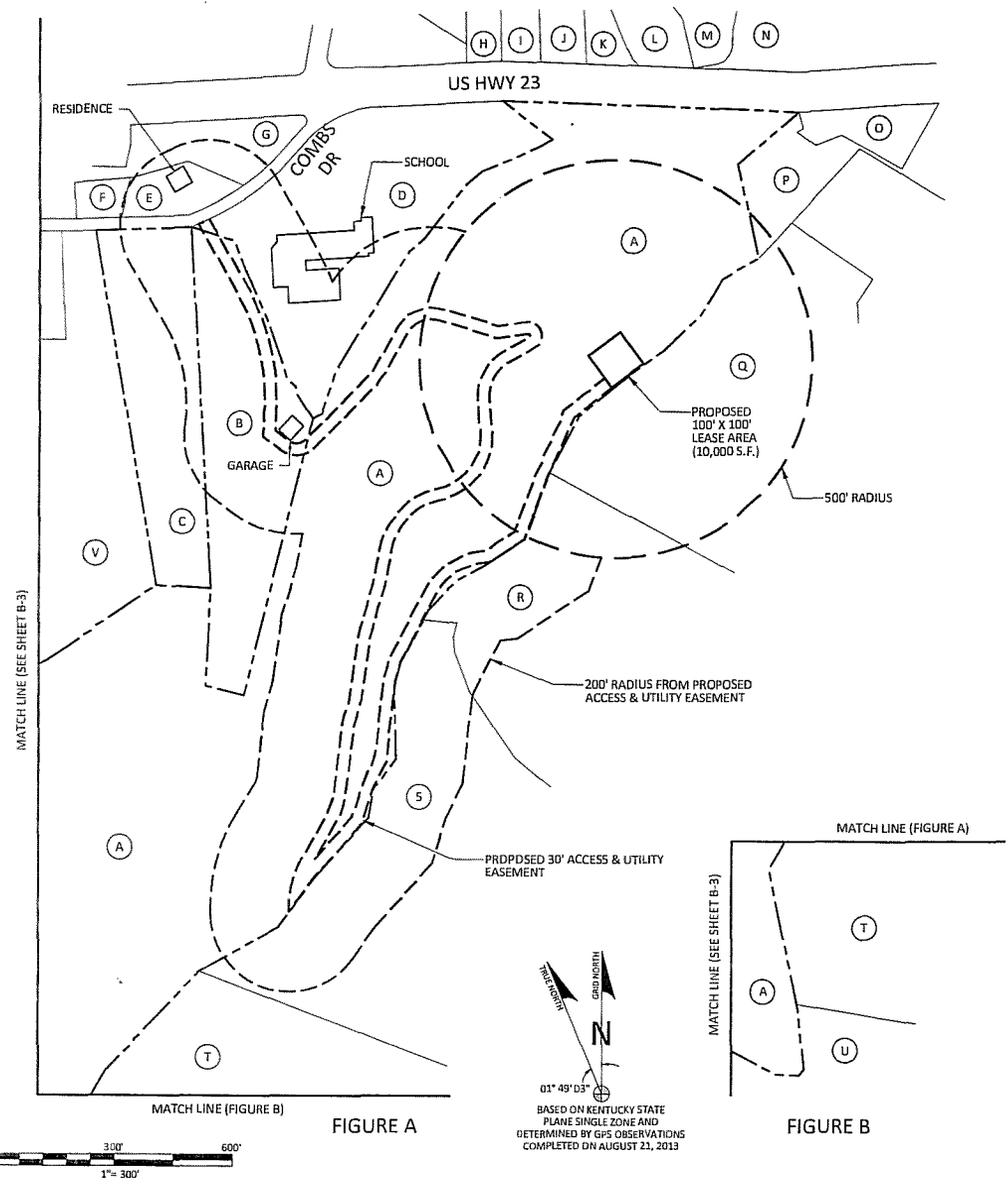


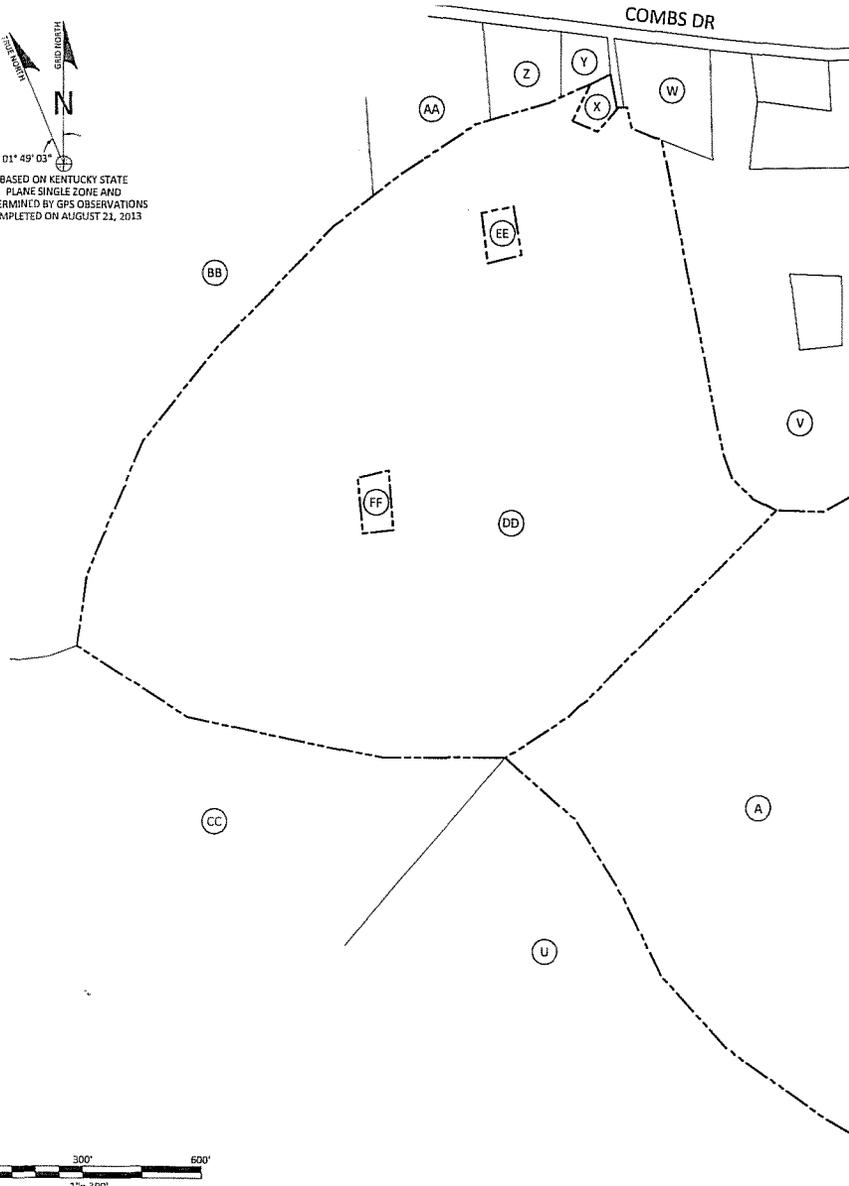
FIGURE A

FIGURE B

01° 49' 03"
 BASED ON KENTUCKY STATE
 PLANE SINGLE ZONE AND
 DETERMINED BY GPS OBSERVATIONS
 COMPLETED ON AUGUST 23, 2013

0' 300' 600'
 1"= 300'

01° 49' 03"
 BASED ON KENTUCKY STATE
 PLANE SINGLE ZONE AND
 DETERMINED BY GPS OBSERVATIONS
 COMPLETED ON AUGUST 21, 2013



MATCH LINE (SEE SHEET B-2)

- | | |
|---|---|
| <p>(A) PARCEL # 052-00-00-024.00 CHRIS AND JENNIFER FERGUSON PO BOX 625 WITTEVILLE, KY 41274 D.B. 404, PG. 672 NO ZONING</p> <p>(U) PARCEL # 052-00-00-053.00 ROY L BURNS 794 WHIPPOORWILL RD PAINTSVILLE, KY 41240 NO DEED OF RECORD FOUND NO ZONING</p> <p>(V) PARCEL # 052-00-00-021.00 COLUMBUS H AND CLAIR PREECE PO BOX 339 WITTEVILLE, KY 41274 D.B. 345, PG. 532 NO ZONING</p> <p>(W) PARCEL # 052-00-00-020.04 BRIAN AND EDNA KENNARD 470 COMBS DR WITTEVILLE, KY 41274 D.B. 386, PG. 456 NO ZONING</p> <p>(X) PARCEL # 052-00-00-020.01 CHRIS AND JENNIFER FERGUSON PO BOX 625 WITTEVILLE, KY 41274 D.B. 431, PG. 132 NO ZONING</p> <p>(Y) PARCEL # 052-00-00-019.00 M T WDMACK, JR 422 COMBS DR WITTEVILLE, KY 41274 NO DEED OF RECORD FOUND NO ZONING</p> | <p>(Z) PARCEL # 052-00-00-018.00 HUBERT AND LINDA L SLONE PO BOX 474 WITTEVILLE, KY 41274 D.B. 404, PG. 672 NO ZONING</p> <p>(AA) PARCEL # 052-00-00-017.00 ARBIE COMBS C/O DIANA COMBS 209 JULIA AVE DAYTON, OH 45405 NO DEED OF RECORD FOUND NO ZONING</p> <p>(BB) PARCEL # 052-00-00-015.00 NO DEED OF RECORD FOUND</p> <p>(CC) PARCEL # 052-00-00-062.03 DANNY AND DIANA S HDUSTON PO BOX 255 WITTEVILLE, KY 41274 D.B. 359, PG. 569 NO ZONING</p> <p>(DD) PARCEL # 052-00-00-020.00 CHRIS AND JENNIFER FERGUSON PO BOX 625 WITTEVILLE, KY 41274 D.B. 431, PG. 132 NO ZONING</p> <p>(EE) PARCEL # 052-00-00-020.02 MCCLURE CEMETERY C/O CHESTER MCCLURE 470 COMBS DR WITTEVILLE, KY 41274 NO DEED OF RECORD FOUND NO ZONING</p> <p>(FF) PARCEL # 052-00-00-020.03 MCKENZIE CEMETERY C/O CHESTER MCCLURE 470 COMBS DR WITTEVILLE, KY 41274 NO DEED OF RECORD FOUND NO ZONING</p> |
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4500 OLD LAGRANGE ROAD
BUCKNER, KY 40010
502-437-5252





SURVEY

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SITE INFORMATION:

NIPPA

OLD US 23
WITTEVILLE, KY 41274
COUNTY: JOHNSON

SITE NUMBER:

POD NUMBER: 13-0884

DRAWN BY: CSA

CHECKED BY: MEP

DATE: 10.08.13

SHEET TITLE:

**500' RADIUS &
ABUTTER'S MAP**

SHEET NUMBER:

B-3

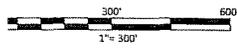


EXHIBIT N
COPY OF POSTED NOTICES

VIA TELEFAX: 606-789-5315

The Paintsville Herald
Attn: Paula Halm
978 Broadway
P.O. Box 1547
Paintsville, KY 41240

RE: Legal Notice Advertisement
Site Name: Nippa

Dear Ms. Halm:

Please publish the following legal notice advertisement in the next edition of *The Paintsville Herald*:

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 Old U.S. 23, Wittensville, Kentucky 41274 (37°51'45.52" North latitude, 82°47'11.59" 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 2014-00135 in any correspondence sent in connection with this matter.

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

Sincerely,

Aaron L. Roof
Pike Legal Group, PLLC

SITE NAME: NIPPA
NOTICE SIGNS

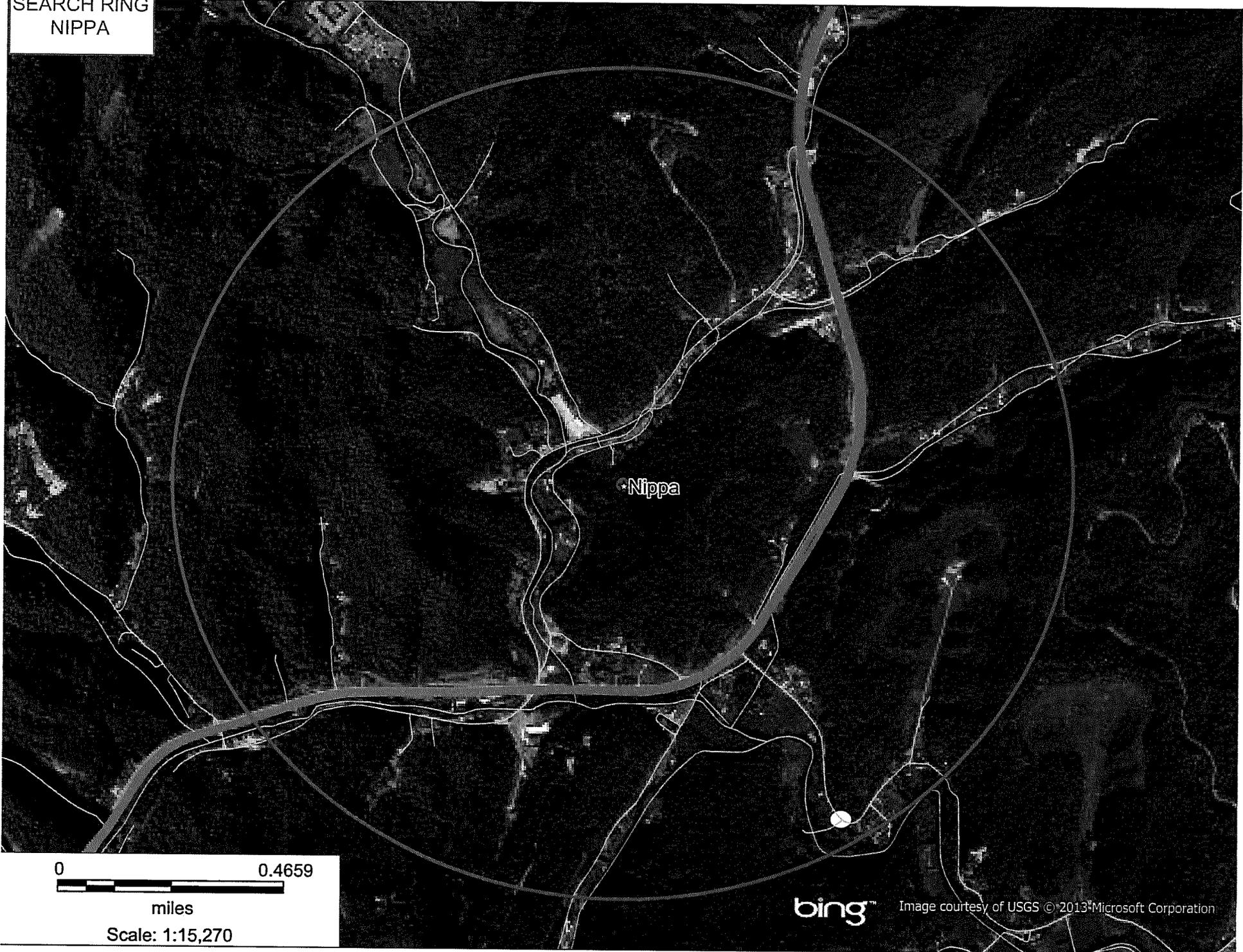
The signs are at least (2) feet by four (4) feet in size, of durable material, with the text printed in black letters at least one (1) inch in height against a white background, except for the word "**tower**," which is at least four (4) inches in height.

New Cingular Wireless PCS, LLC 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 (800) 516-4293, or the Executive Director, Public Service Commission, 211 Sower Boulevard, PO Box 615, Frankfort, Kentucky 40602. Please refer to docket number Case No. 2014-00135 in your correspondence.

New Cingular Wireless PCS, LLC 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 (800) 516-4293, or the Executive Director, Public Service Commission, 211 Sower Boulevard, PO Box 615, Frankfort, Kentucky 40602. Please refer to docket number Case No. 2014-00135 in your correspondence.

EXHIBIT O
COPY OF RADIO FREQUENCY DESIGN SEARCH AREA

SEARCH RING
NIPPA



0 0.4659



miles

Scale: 1:15,270

bing™

Image courtesy of USGS © 2013 Microsoft Corporation