

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

RECEIVED

APR 21 2014

PUBLIC SERVICE
COMMISSION

In the Matter of:

THE APPLICATION OF)
NEW CINGULAR WIRELESS PCS, LLC)
FOR ISSUANCE OF A CERTIFICATE OF PUBLIC) CASE NO.: 2014-00098
CONVENIENCE AND NECESSITY TO CONSTRUCT)
A WIRELESS COMMUNICATIONS FACILITY)
IN THE COMMONWEALTH OF KENTUCKY)
IN THE COUNTY OF KNOTT)

SITE NAME: ALICE LLOYD

**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 448 Jacobs Ridge Road, Pippa Passes, Kentucky 41844 (37° 20' 33.171" North latitude, 82° 53' 00.004" 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 Afo Jean Jacobs pursuant to a Deed recorded at Deed Book 267, Page 416 in the office of the Knott 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 Application for Kentucky Airport Zoning Commission ("KAZC") Approval to construct the tower is attached as **Exhibit G**.

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 a scale of no less than 1 inch equals 200 feet 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 facility is proposed to be located.

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

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.

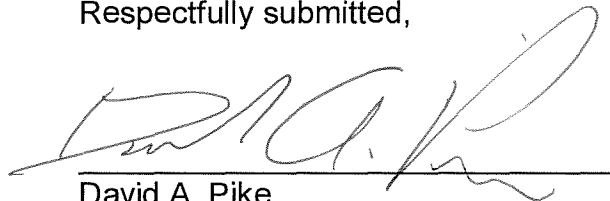
26. All responses and requests associated with this Application may be directed

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 "David A. Pike", is 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 - WPOI255 - NEW CINGULAR WIRELESS PCS, LLC

Call Sign	WPOI255	Radio Service	CW - PCS Broadband
Status	Active	Auth Type	Regular

Market

Market	MTA026 - Louisville-Lexington-Evansvill	Channel Block	A
Submarket	19	Associated Frequencies (MHz)	001850.00000000- 001865.00000000- 001930.00000000- 001945.00000000

Dates

Grant	07/07/2005	Expiration	06/23/2015
Effective	11/24/2012	Cancellation	

Buildout Deadlines

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

Notification Dates

1st	07/07/2000	2nd	02/17/2005
-----	------------	-----	------------

Licensee

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

Licensee

NEW CINGULAR WIRELESS PCS, LLC 2200 N. Greenville Ave, 1W Richardson, TX 75082 ATTN Reginald Youngblood	P:(972)234-7003 F:(972)301-6893 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 - KNKN841 - NEW CINGULAR WIRELESS PCS, LLC

Call Sign	KNKN841	Radio Service	CL - Cellular
Status	Active	Auth Type	Regular

Market

Market	CMA452 - Kentucky 10 - Powell	Channel Block	A
Submarket	0	Phase	2

Dates

Grant	08/30/2011	Expiration	10/01/2021
Effective	08/30/2013	Cancellation	

Five Year Buildout Date

02/05/1997

Control Points

1 1650 Lyndon Farms Court, LOUISVILLE, KY
P: (502)329-4700

Licensee

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

Licensee

NEW CINGULAR WIRELESS PCS, LLC 2200 N. Greenville Ave, 1W Richardson, TX 75082 ATTN Reginald Youngblood	P:(972)234-7003 F:(972)301-6893 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

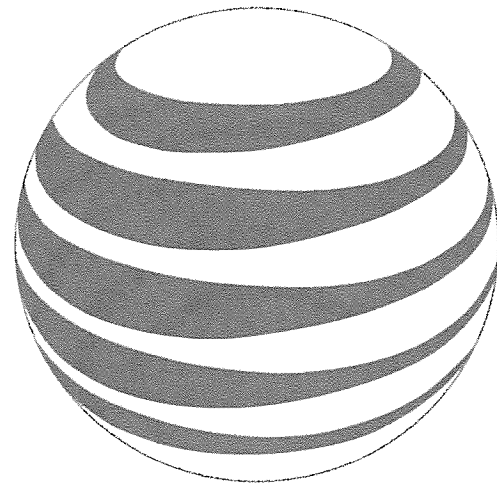
Race	
Ethnicity	Gender

EXHIBIT B

SITE DEVELOPMENT PLAN:

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

B



at&t

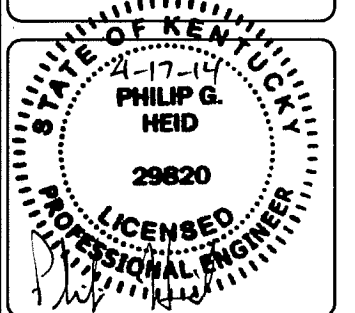
ALICE LLOYD SITE ID: KYALU6157

448 JACOBS RIDGE RD
KNOTT COUNTY
PIPPA PASSES, KENTUCKY 41844

PROPOSED 255' SELF-SUPPORT
WITH MULTIPLE EQUIPMENT LOCATIONS

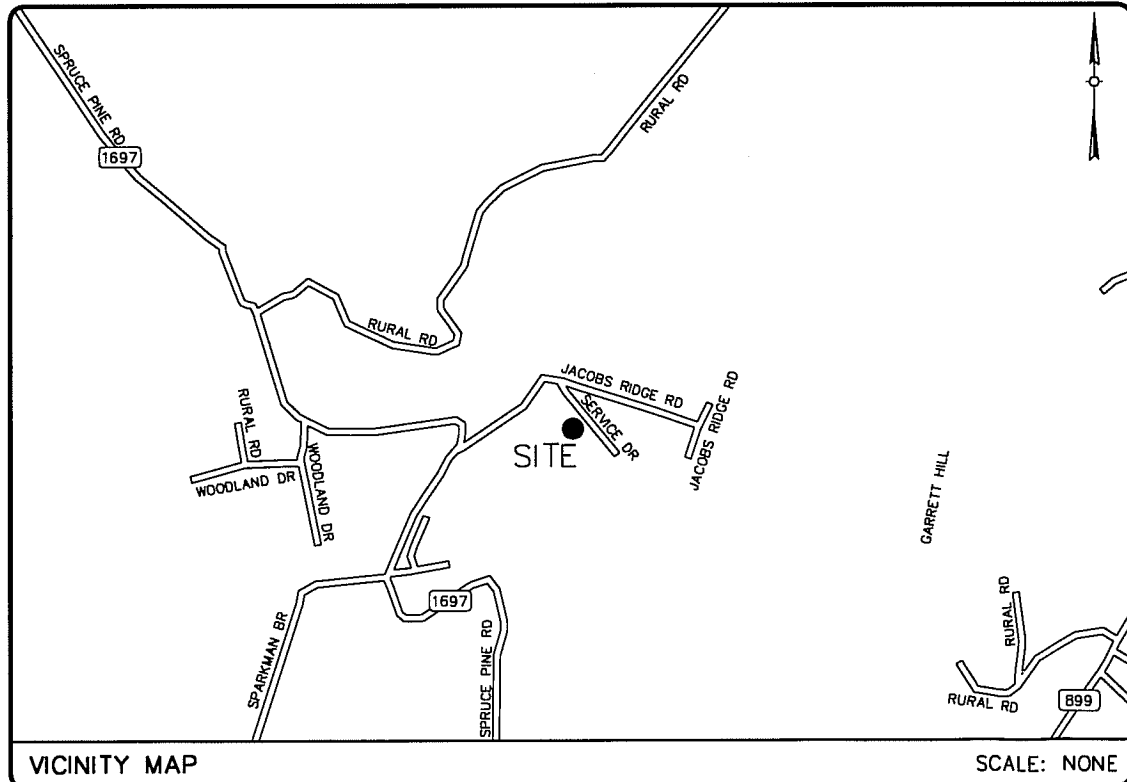
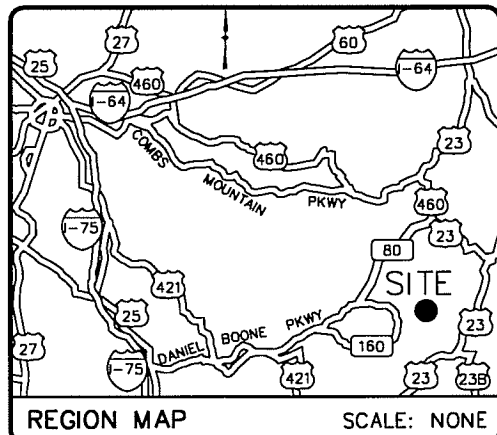


BT Engineering, Inc.
3001 TAYLOR SPRINGS DRIVE
LOUISVILLE, KENTUCKY 40220
(502) 459-8402 PHONE
(502) 459-8427 FAX



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. ALL NEW SERVICE AND GROUNDING TRENCHES PROVIDE A WARNING TAPE 12 INCHES ABOVE THE UNDERGROUND INSTALLATION (SEE NEC 300.5).



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

SITE NAME
ALICE LLOYD
SITE ID NUMBER
KYALU6157
SITE ADDRESS
448 JACOBS RIDGE RD
PIPPA PASSES, KY 41844
1A COORDINATES
LAT: 37° 20' 33.171" N
LONG: 82° 53' 00.004" W
ELEV: ±1877.5 (NAVD 83)
PROPERTY OWNER
AFO JEAN JACOBS
P.O. BOX 92
PIPPA PASSES, KY 41844
PHONE: (606) 634-3886
CONTACT: AFO JEAN JACOBS

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
070-00-00-008.0D
SOURCE OF TITLE
DEED BOOK 267, PAGE 416
LEASE AREA
50'-0" x 80'-0" = 4,000 SF
PROJECT INFORMATION

SHT NO.	DESCRIPTION
T-1	TITLE SHEET
C-1	COMMUNICATIONS SITE SURVEY
C-1A	COMMUNICATIONS SITE SURVEY
C-2	COMMUNICATIONS SITE SURVEY
C-2A	COMMUNICATIONS SITE SURVEY
Z-2	OVERALL SITE LAYOUT
Z-2A	OVERALL SITE LAYOUT-ADDITIONAL DIMENSIONS
Z-3	SITE LAYOUT
Z-4	AT&T SHELTER LAYOUT
Z-5	NORTH/SOUTH TOWER ELEVATIONS
Z-6	EAST/WEST TOWER ELEVATIONS

SHEET INDEX

SITE NAME: ALICE LLOYD
SITE ID NUMBER: KYALU6157
SITE ADDRESS: 448 JACOBS RIDGE RD
PIPPA PASSES, KY 41844
LATITUDE: 37° 20' 33.171" N
LONGITUDE: 82° 53' 00.004" W
TAX MAP NUMBER: N/A
PARCEL NUMBER: 070-00-00-008.0D
SOURCE OF TITLE: DEED BOOK 267, PAGE 416
PROPERTY OWNER: AFO JEAN JACOBS
P.O. BOX 92
PIPPA PASSES, KY 41844
CONTACT: AFO JEAN JACOBS
PHONE: (606) 634-3886

NO	REVISION/ISSUE	DATE
1	ISSUE FOR COMMENT	12/07/13
2	REISSUE FOR COMMENT	01/06/14
3	ISSUE FOR ZONING	01/20/14
4	REISSUE FOR ZONING	03/19/14
5	REISSUE FOR ZONING	04/09/14
6	REISSUE FOR ZONING	04/16/14
7	REISSUE FOR ZONING	04/17/14

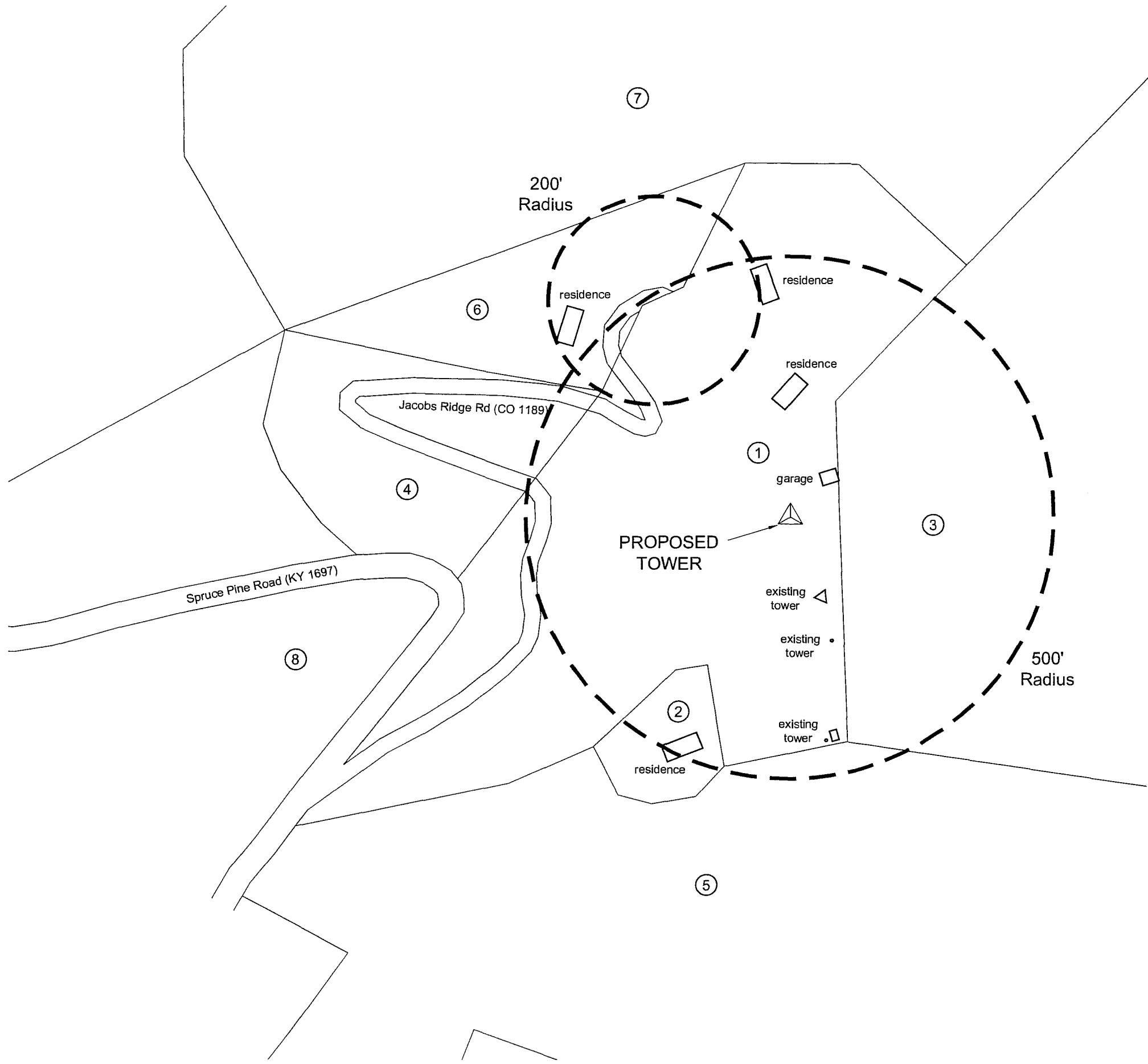
TITLE:
TITLE SHEET

SHEET:
T-1

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

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

DIRECTIONS FROM COUNTY SEAT: FROM HINDMAN AT THE CORNER OF SR 160 AND SR 550, PROCEED ON SR 550 APRX 3.80 MILES TO SR 1697/SPRUCE PINE RD AND TURN RIGHT. CONTINUE ON SR 1697/SPRUCE PINE RD APRX 2.75 MILES TO JACOBS RIDGE RD AND TURN LEFT. FOLLOW JACOBS RIDGE RD TO SITE 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 75.5 MILES TO US 460/SR 114 AND MERGE. CONTINUE ON US 460/SR 114 FOR APRX 1.0 MILES TO SR 114 AND TURN RIGHT. PROCEED ON SR 114 APRX 9.20 MILES TO US 460 AND TURN RIGHT. CONTINUE ON US 460 APRX 3.10 MILES TO SR 80 AND TURN RIGHT. PROCEED ON SR 80 APRX 26.50 MILES TO SR 160 AND TURN LEFT. FOLLOW SR 160 APRX 1.5 MILES TO SR 550 AND TURN LEFT. CONTINUE ON SR 550 APRX 4.0 MILES TO SR 1697/SPRUCE PINE RD AND TURN RIGHT. PROCEED ON SR 1697/SPRUCE PINE RD APRX 2.75 MILES TO JACOBS RIDGE RD AND TURN LEFT. FOLLOW JACOBS RIDGE RD TO SITE APRX .25 OF A MILE.
DIRECTIONS TO SITE



THIS MAP IS FOR GENERAL INFORMATIONAL PURPOSES ONLY AND IS NOT A BOUNDARY SURVEY

GENERAL NOTE:

All Information shown hereon was obtained from records of the Knott County, Kentucky, Property Valuation Administration Office on 3/07/2014. The Property Valuation Administration records may not reflect the current owners and address due to the inaccuracies and time lapse in updating files. The Knott County Property Valuation Administration expressly disclaims any warranty for the content and any errors contained in their files.

George Brian Wyatt
 George Brian Wyatt, PLS 2328
 April 9, 2014
 Date



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

STATE of KENTUCKY
 GEORGE BRIAN WYATT
 2328
 LICENSED PROFESSIONAL LAND SURVEYOR

SITE NAME: ALICE LLOYD

SITE I.D.: KYALU6157

SITE ADDRESS: 448 JACOBS RIDGE ROAD
 PIPPA PASSES, KNOTT CO., KY 41844

LEASE AREA: 4000 SF

PROPERTY OWNER: AFO JEAN JACOBS
 P.O. BOX 92
 PIPPA PASSES, KENTUCKY 41844

PARCEL NUMBER: 070-00-00-008.00

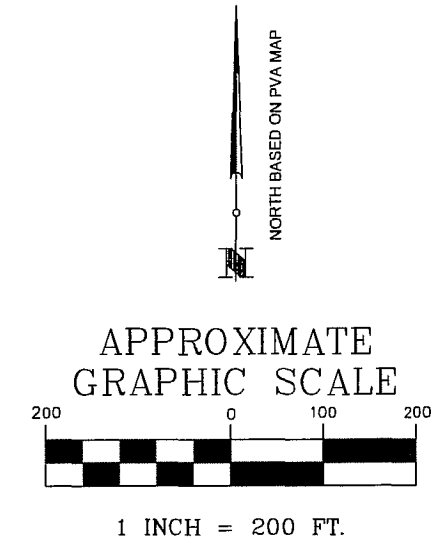
SOURCE OF TITLE: DEED BOOK 267 PAGE 416

LATITUDE: 37° 20' 33.171" N
 LONGITUDE: 82° 53' 00.004" W

NO.	REVISION/ISSUE	DATE
1		
2		
3		
4		
5		

TITLE: COMMUNICATIONS SITE SURVEY

SHEET: C-1



LEASE LINE TABLE

1	S 16° 31' 25" E	80.00'
2	S 73° 28' 35" W	50.00'
3	N 16° 31' 25" W	80.00'
4	N 73° 28' 35" E	50.00'

EASEMENT LINE & CURVE TABLE

E1	N 54° 45' 34" E	33.30'	
E2	N 64° 26' 23" E	72.30'	R=215.00'
E3	S 72° 21' 37" E	22.09'	R=20.00'
E4	S 27° 27' 14" E	39.49'	R=100.00'
E5	S 30° 37' 51" E	37.71'	R=75.00'
E6	S 35° 05' 31" E	26.31'	R=75.00'
E7	S 24° 59' 23" E	156.97'	
E8	S 30° 39' 44" E	19.77'	R=100.00'
E9	S 36° 20' 05" E	65.87'	
E10	S 26° 25' 45" E	34.41'	R=100.00'
E11	S 16° 31' 25" E	27.30'	

Allison Jacobs
Deed Book 257 Page 741

Burnis & Mary Lois Jacobs
Deed Book 95 Page 408

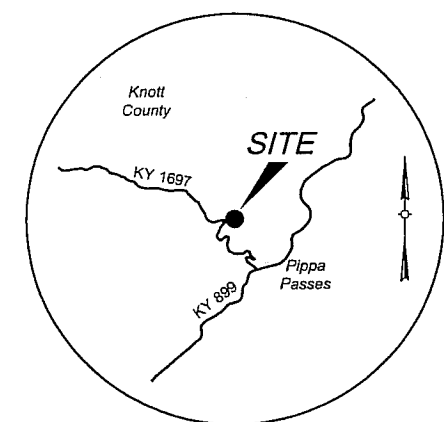
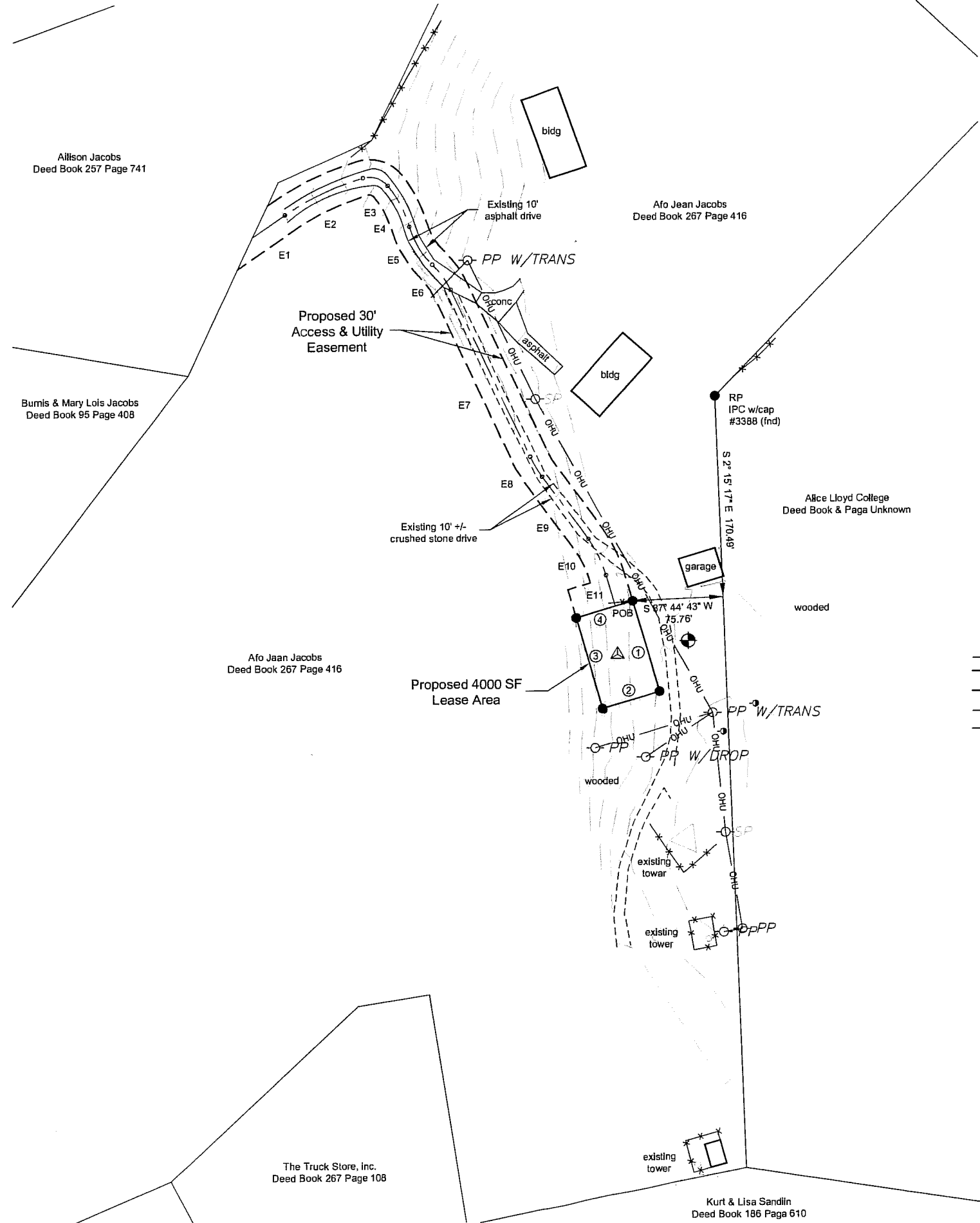
Afo Jaan Jacobs
Deed Book 267 Page 416

Afo Jean Jacobs
Deed Book 267 Page 416

Alice Lloyd College
Deed Book & Page Unknown

The Truck Store, Inc.
Deed Book 267 Page 108

Kurt & Lisa Sandlin
Deed Book 186 Page 610



LOCATION MAP
Pippa Passes, Knott County, Kentucky

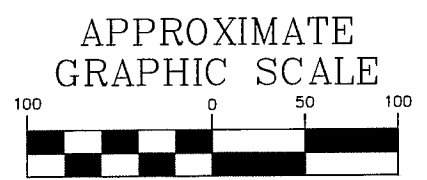
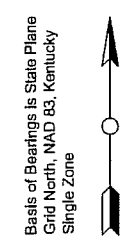
NOTE
THE PROPOSED TOWER CENTERLINE, DENOTED BY THIS SYMBOL IS LOCATED AS FOLLOWS:

NAD 1983
LATITUDE: 37°20' 33.171"N
LONGITUDE: 82°53' 00.004"W
ELEVATION: 1877.5 (NAVD 88)
STATE PLANE COORDINATE
NORTHING: 3,661,105.252
EASTING: 5,754,464.656

BENCHMARK
NORTH: 3,661,116.64
EAST: 5,754,524.02
ELEVATION: 1887.11 (NAVD 88)
LOCATION: Iron Pin w/Cap

LEGEND

- EASEMENT AREA LINE
- ACCESS EASEMENT LINE
- PROPERTY LINE
- OVERHEAD UTILITIES
- UTILITY POLE
- SET #5 REBAR OR MAG NAIL WITH CAP STAMPED "WYATT#2328" UNLESS OTHERWISE NOTED
- REFERENCE POINT
- POINT OF BEGINNING



NOTE
This communications site survey is subject to all existing easements, restrictions, exceptions, servitude's, rights of way and prior leases whether shown hereon or not. A title report may reveal easements or other defects whether shown hereon or not.

FLOOD PLAIN CERTIFICATION
According to Flood Insurance Rate Map (FIRM) Map No. 21119C0225C, dated September 28, 2007, the Lease Area is situated in Zone Z and does not appear to be in a flood hazard area.

LAND SURVEYORS CERTIFICATE
I hereby certify that this Communications Site Survey was made under my supervision, and that the angular and linear measurements as witnessed by monuments shown hereon are true and correct to the best of my knowledge and belief. This plat does not represent a boundary survey and is not intended for land transfer.

19-March-2014
DATE
GEORGE BRIAN WYATT, PLS 2328

OWNER APPROVAL: _____ DATE _____

OWNER APPROVAL: _____ DATE _____

CLIENT APPROVAL: _____ DATE _____

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

STATE OF KENTUCKY

GEORGE BRIAN WYATT
2328

LICENSED PROFESSIONAL
LAND SURVEYOR

SITE NAME: ALICE LLOYD

SITE I.D.: KYALU6157

SITE ADDRESS:
448 JACOBS RIDGE ROAD
PIPPA PASSES, KNOTT CO., KY 41844

LEASE AREA: 4000 SF

PROPERTY OWNER:
AFO JEAN JACOBS
P.O. BOX 92
PIPPA PASSES, KENTUCKY 41844

PARCEL NUMBER: 070-00-00-008.00

SOURCE OF TITLE:
DEED BOOK 267 PAGE 416

LATITUDE: 37° 20' 33.171" N
LONGITUDE: 82° 53' 00.004" W

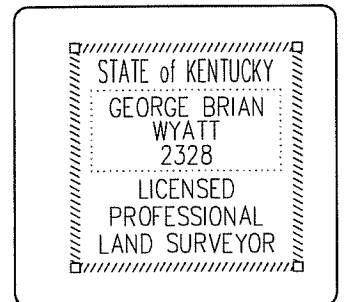
NO.	REVISION / ISSUE	DATE
1		
2		
3		
4		
5		

TITLE:
COMMUNICATIONS SITE SURVEY

SHEET:
C-2



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



SITE NAME: ALICE LLOYD

SITE I.D.: KYALU6157

SITE ADDRESS:
 448 JACOBS RIDGE ROAD
 PIPPA PASSES, KNOTT CO., KY 41844

LEASE AREA: 4000 SF

PROPERTY OWNER:
 AFO JEAN JACOBS
 P.O. BOX 92
 PIPPA PASSES, KENTUCKY 41844

PARCEL NUMBER: 070-00-00-008.00

SOURCE OF TITLE:
 DEED BOOK 267 PAGE 416

LATITUDE: 37° 20' 33.171" N
 LONGITUDE: 82° 53' 00.004" W

NO.	REVISION/ISSUE	DATE
1		
2		
3		
4		
5		

TITLE:
 COMMUNICATIONS
 SITE SURVEY

SHEET:
 C-2A

LEGAL DESCRIPTIONS

These are the descriptions of:

A tract of land conveyed to Afo Jean Jacobs in Deed Book 267 at Page 416, in the Office of the County Clerk of Knott County, Kentucky;

An area to be leased from, and situated entirely within, the Afo Jean Jacobs tract; and

An easement for Access & Utilities on, over, and across the Afo Jean Jacobs tract.

PARENT TRACT DESCRIPTION

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

Lying and being in the head of Slone's Fork of Troublesome Creek and the head of Onion Blade Branch of Caney Creek and;

BEGINNING at the highway at a marked rock; thence up the hill with Della Slone's line to a marked rock on the ridge; thence up the ridge with Della Slone's line to David Slone's line; thence around the ridge with David Slone's line to Cody Jacob's line; thence down the ridge with David Slone's line 325 feet to a stone marker; thence around the hill with a branch to a stone marker; thence up the hill to a stone marker; thence in a straight line to the beginning; containing five acres more or less.

Being the same land conveyed from Cody Jacobs and Allie Jacobs, his wife to Jim Jacobs and Afo Jean Jacobs, his wife by deed dated August 10, 1972 and recorded in Deed Book 95 page 407, and Affidavit of Descent recorded October 10, 2013 in Deed Book 267, page 399.

DESCRIPTION OF PROPOSED LEASE AREA

NOTE: All bearings and distances are based on Grid North, Kentucky State Plane Coordinate System, Single Zone, NAD 1983.

Beginning, for reference, in the easterly line of the Afo Jean Jacobs tract, as recorded in Deed Book 267 at Page 416, in the Office of the Knott County Clerk, said line being common with the Alice Lloyd College property (PVA map number 079-00-00-051.00), and being a corner marked by an iron pin with cap stamped #3388 (found); thence with the said easterly line of Jacobs, South 02 degrees 15 minutes 17 seconds East, a distance of 170.49 feet to a point; thence leaving the said easterly line, and running on, over, and across the Jacobs tract, South 87 degrees 44 minutes 43 seconds West to the true POINT OF BEGINNING, an iron pin with cap stamped #2328; thence South 16 degrees 31 minutes 25 seconds East, a distance of 80.00 feet to an iron pin with cap stamped #2328; thence South 73 degrees 28 minutes 35 seconds West, a distance of 50.00 feet to an iron pin with cap stamped #2328; thence North 16 degrees 31 minutes 25 seconds West, a distance of 80.00 feet to an iron pin with cap stamped #2328; thence North 73 degrees 28 minutes 35 seconds East, a distance of 50.00 feet to the point of beginning, containing 4000.00 square feet, or 0.92 acres.

DESCRIPTION OF PROPOSED ACCESS & UTILITY EASEMENT

NOTE: All bearings and distances are based on Grid North, Kentucky State Plane Coordinate System, Single Zone, NAD 1983.

A 30-foot wide easement for the right to use for access and utilities to the above described Lease Area, said easement being described as follows:

Beginning at a point in the grantor's westerly line, said point being in the centerline of Jacobs Ridge Road, a public right-of-way, thence North 54 degrees 45 minutes 34 seconds East, a distance of 33.30 feet to a point; thence with a curve to the right, of radius 215.00 feet, the chord of which bears North 64 degrees 26 minutes 23 seconds East, a distance of 72.30 feet to a point; thence with a curve to the right, of radius 20.00 feet, the chord of which bears South 72 degrees 21 minutes 37 seconds East, a distance of 22.09 feet to a point; thence with a curve to the right, of radius 100.00 feet, the chord of which bears South 27 degrees 27 minutes 14 seconds East, a distance of 39.49 feet to a point; thence with a curve to the left, of radius 75.00 feet, the chord of which bears South 30 degrees 37 minutes 51 seconds East, a distance of 37.71 feet to a point; thence with a curve to the right, of radius 75.00 feet, the chord of which bears South 35 degrees 05 minutes 31 seconds East, a distance of 26.31 feet to a point; thence South 24 degrees 59 minutes 23 seconds East, a distance of 156.97 feet to a point; thence with a curve to the left, of radius 100.00 feet, the chord of which bears South 30 degrees 39 minutes 44 seconds East, a distance of 19.77 feet to a point; thence South 36 degrees 20 minutes 05 seconds East, a distance of 65.87 feet to a point; thence with a curve to the right of radius 100.00 feet, the chord of which bears South 26 degrees 25 minutes 45 seconds East, a distance of 34.41 feet to a point; thence South 16 degrees 31 minutes 25 seconds East, a distance of 27.30 feet to a point in the northerly line of the above-described Lease Area.

SITE PLAN NOTES

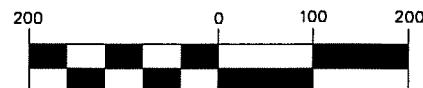
1. THE PROPOSED DEVELOPMENT IS FOR A 255 FOOT SELF-SUPPORT TOWER AND MULTIPLE EQUIPMENT LOCATIONS. THE LOCATION IS 448 JACOBS RIDGE RD, PIPPA PASSES, KY 41844.
2. THE TOWER WILL BE ACCESSED BY A PROPOSED STABILIZED DRIVE FROM AN EXISTING GRAVEL ROADWAY (JACOBS RIDGE RD) WHICH IS A PUBLIC RIGHT OF WAY. WATER, SANITARY SEWER, AND WASTE COLLECTIONS SERVICES ARE NOT REQUIRED FOR THE PROPOSED DEVELOPMENT.
3. CENTERLINE OF PROPOSED TOWER GEOGRAPHIC LOCATIONS:
 LATITUDE: 37° 20' 33.171"N
 LONGITUDE: 82° 53' 00.004"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

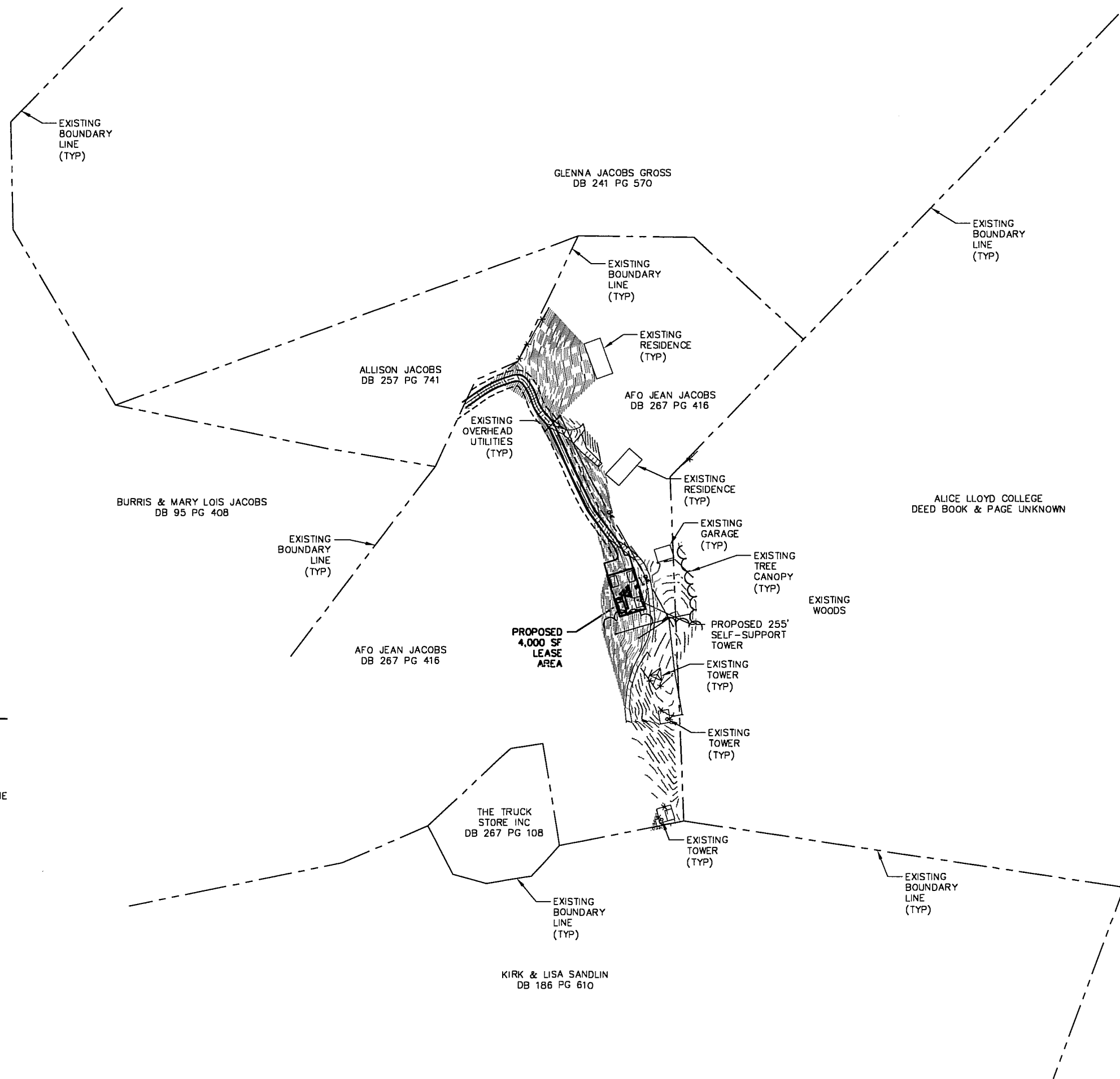
LEGEND

- 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 TELEPHONE PEDESTAL
- RED
- ⊕ WATER VALVES
- ⊕ FIRE HYDRANTS
- ⊕ BOLLARDS
- ⊕ GAS VALVES

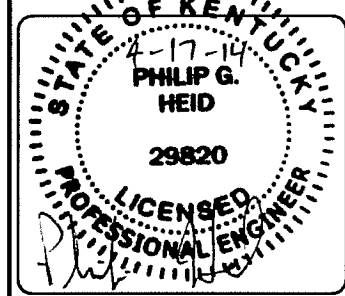
GRAPHIC SCALE



1 INCH = 200 FT.



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



SITE NAME: ALICE LLOYD

SITE ID NUMBER: KYALU6157

SITE ADDRESS:
 448 JACOBS RIDGE RD
 PIPPA PASSES, KY 41844

LATITUDE: 37° 20' 33.171" N
 LONGITUDE: 82° 53' 00.004" W

TAX MAP NUMBER: N/A

PARCEL NUMBER: 070-00-00-008.00

SOURCE OF TITLE:
 DEED BOOK 267, PAGE 416

PROPERTY OWNER:
 AFO JEAN JACOBS
 P.O. BOX 92
 PIPPA PASSES, KY 41844
 CONTACT: AFO JEAN JACOBS
 PHONE: (606) 634-3886

NO	REVISION/ISSUE	DATE
1	ISSUE FOR COMMENT	12/07/13
2	REISSUE FOR COMMENT	01/06/14
3	ISSUE FOR ZONING	01/20/14
4	REISSUE FOR ZONING	03/19/14
5	REISSUE FOR ZONING	04/09/14
6	REISSUE FOR ZONING	04/16/14
7	REISSUE FOR ZONING	04/17/14

TITLE:
OVERALL SITE LAYOUT

SHEET:
Z-2

SITE PLAN NOTES

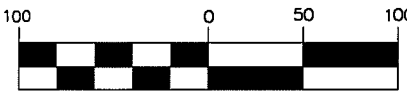
1. THE PROPOSED DEVELOPMENT IS FOR A 255 FOOT SELF-SUPPORT TOWER AND MULTIPLE EQUIPMENT LOCATIONS. THE LOCATION IS 448 JACOBS RIDGE RD, PIPPA PASSES, KY 41844.
2. THE TOWER WILL BE ACCESSED BY A PROPOSED STABILIZED DRIVE FROM AN EXISTING GRAVEL ROADWAY (JACOBS RIDGE RD) WHICH IS A PUBLIC RIGHT OF WAY. WATER, SANITARY SEWER, AND WASTE COLLECTIONS SERVICES ARE NOT REQUIRED FOR THE PROPOSED DEVELOPMENT.
3. CENTERLINE OF PROPOSED TOWER GEOGRAPHIC LOCATIONS:
 LATITUDE: 37° 20' 33.171"N
 LONGITUDE: 82° 53' 00.004"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

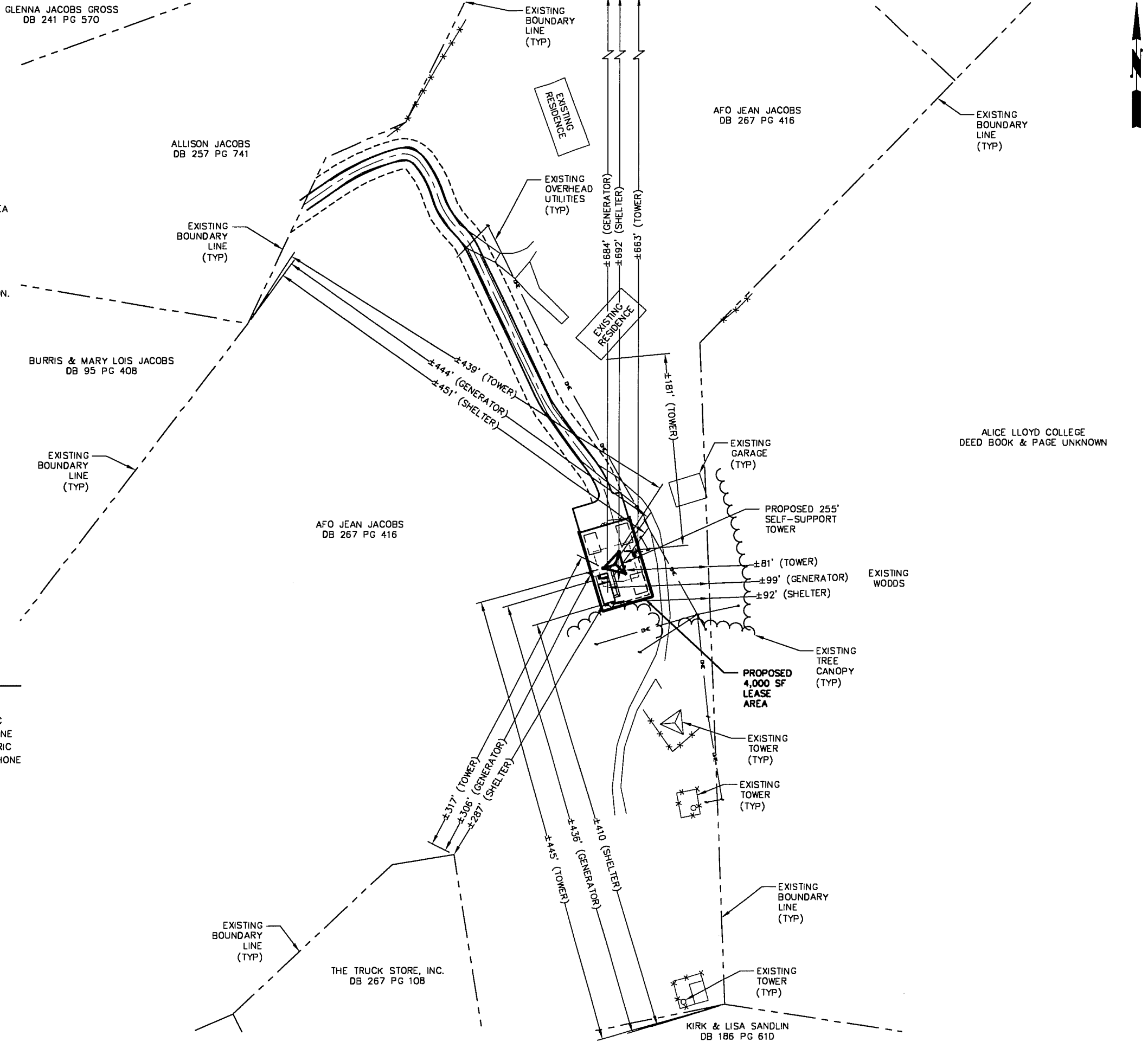
LEGEND

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

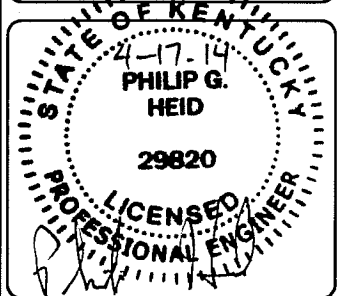
GRAPHIC SCALE



1 INCH = 100 FT.



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



SITE NAME: ALICE LLOYD

SITE ID NUMBER: KYALU6157

SITE ADDRESS:
 448 JACOBS RIDGE RD
 PIPPA PASSES, KY 41844

LATITUDE: 37° 20' 33.171" N
 LONGITUDE: 82° 53' 00.004" W

TAX MAP NUMBER: N/A

PARCEL NUMBER:
 070-00-00-008.00

SOURCE OF TITLE:
 DEED BOOK 267, PAGE 416

PROPERTY OWNER:
 AFO JEAN JACOBS
 P.O. BOX 92
 PIPPA PASSES, KY 41844
 CONTACT: AFO JEAN JACOBS
 PHONE: (606) 634-3886

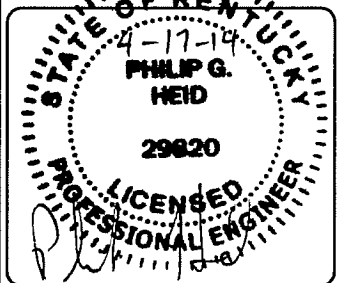
NO	REVISION/ISSUE	DATE
1	ISSUE FOR COMMENT	12/07/13
2	REISSUE FOR COMMENT	01/06/14
3	ISSUE FOR ZONING	01/20/14
4	REISSUE FOR ZONING	03/19/14
5	REISSUE FOR ZONING	04/09/14
6	REISSUE FOR ZONING	04/16/14
7	REISSUE FOR ZONING	04/17/14

TITLE: OVERALL SITE LAYOUT-ADDITIONAL DIMENSIONS

SHEET: Z-2A



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



SITE NAME: ALICE LLOYD

SITE ID NUMBER: KYALU6157

SITE ADDRESS:
 448 JACOBS RIDGE RD
 PIPPA PASSES, KY 41844

LATITUDE: 37° 20' 33.171" N
 LONGITUDE: 82° 53' 00.004" W

TAX MAP NUMBER: N/A

PARCEL NUMBER:
 070-00-00-008.00

SOURCE OF TITLE:
 DEED BOOK 267, PAGE 416

PROPERTY OWNER:
 AFO JEAN JACOBS
 P.O. BOX 92
 PIPPA PASSES, KY 41844
 CDNTACT: AFO JEAN JACOBS
 PHONE: (606) 634-3886

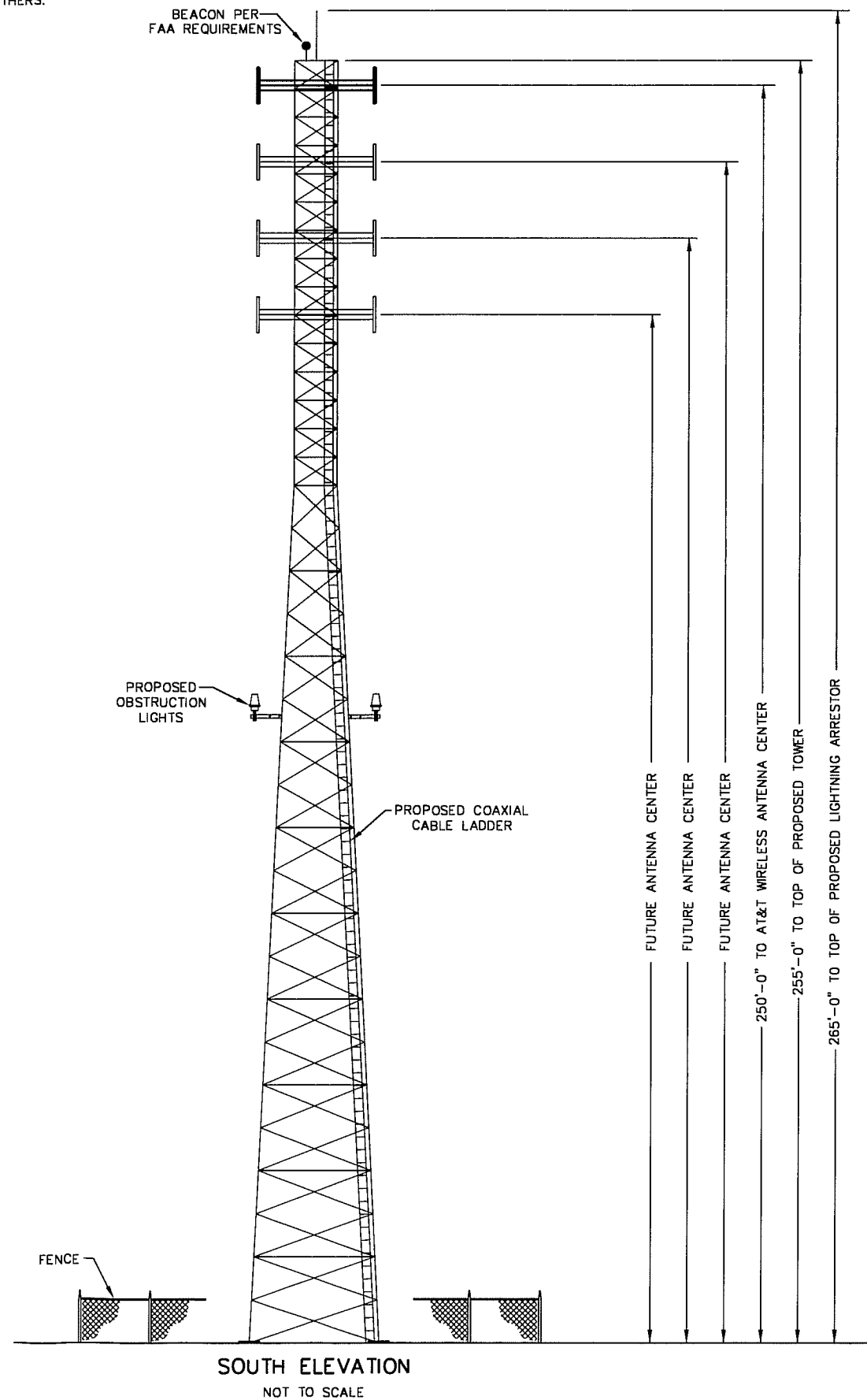
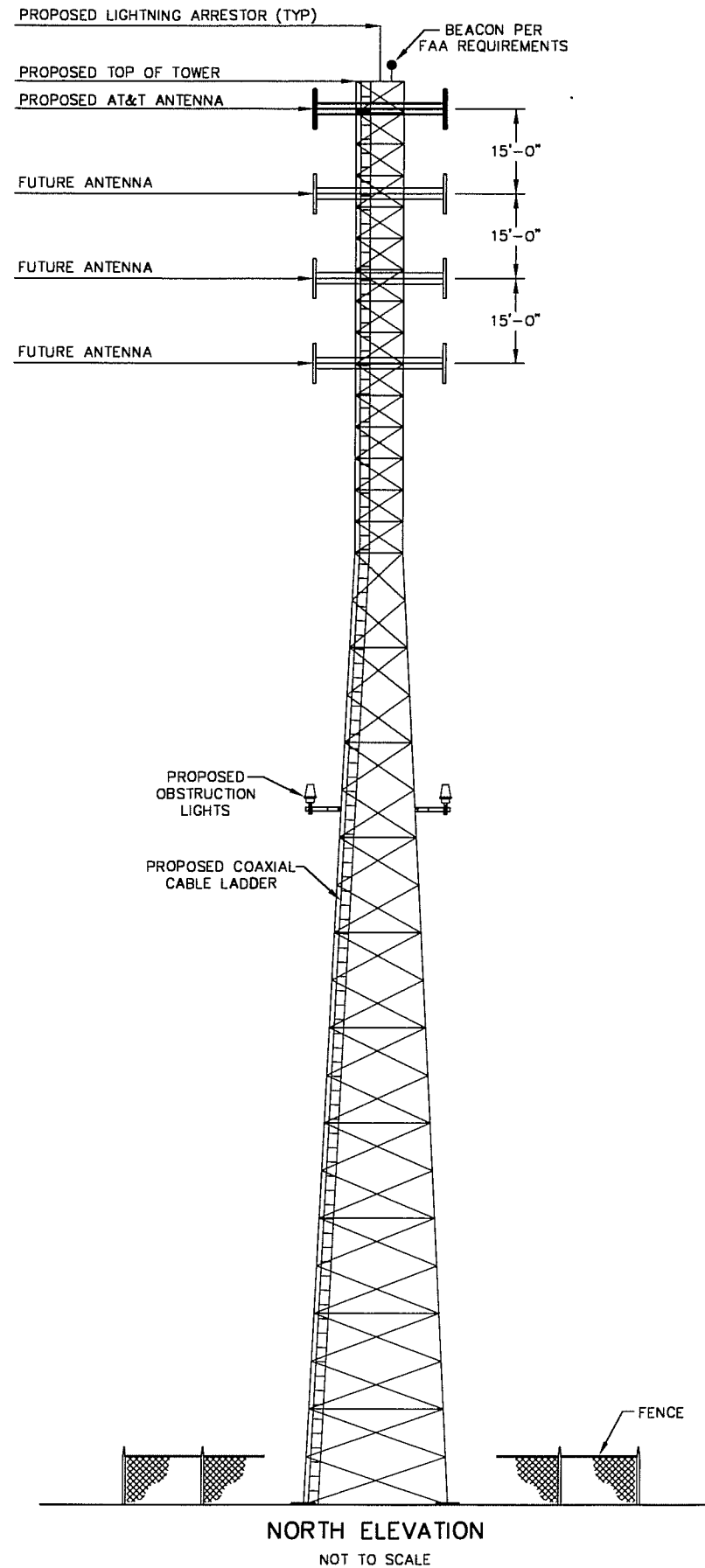
NO	REVISION/ISSUE	DATE
1	ISSUE FOR COMMENT	12/07/13
2	REISSUE FOR COMMENT	01/06/14
3	ISSUE FOR ZONING	01/20/14
4	REISSUE FOR ZONING	03/19/14
5	REISSUE FOR ZONING	04/09/14
6	REISSUE FOR ZONING	04/16/14
7	REISSUE FOR ZONING	04/17/14

TITLE:
**NORTH/SOUTH
 TOWER ELEVATIONS**

SHEET:
Z-5

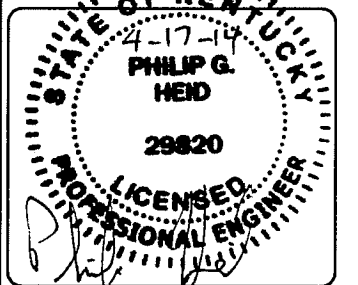
NOTE:

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





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



SITE NAME: ALICE LLOYD

SITE ID NUMBER: KYALU6157

SITE ADDRESS:
 448 JACOBS RIDGE RD
 PIPPA PASSES, KY 41844

LATITUDE: 37° 20' 33.171" N
 LONGITUDE: 82° 53' 00.004" W

TAX MAP NUMBER: N/A

PARCEL NUMBER:
 070-00-00-D08.00

SOURCE OF TITLE:
 DEED BOOK 267, PAGE 416

PROPERTY OWNER:
 AFO JEAN JACOBS
 P.O. BOX 92
 PIPPA PASSES, KY 41844
 CONTACT: AFO JEAN JACOBS
 PHONE: (606) 634-3886

NO	REVISION/ISSUE	DATE
1	ISSUE FOR COMMENT	12/07/13
2	REISSUE FOR COMMENT	01/06/14
3	ISSUE FOR ZONING	01/20/14
4	REISSUE FOR ZONING	03/19/14
5	REISSUE FOR ZONING	04/09/14
6	REISSUE FOR ZONING	04/16/14
7	REISSUE FOR ZONING	04/17/14

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.

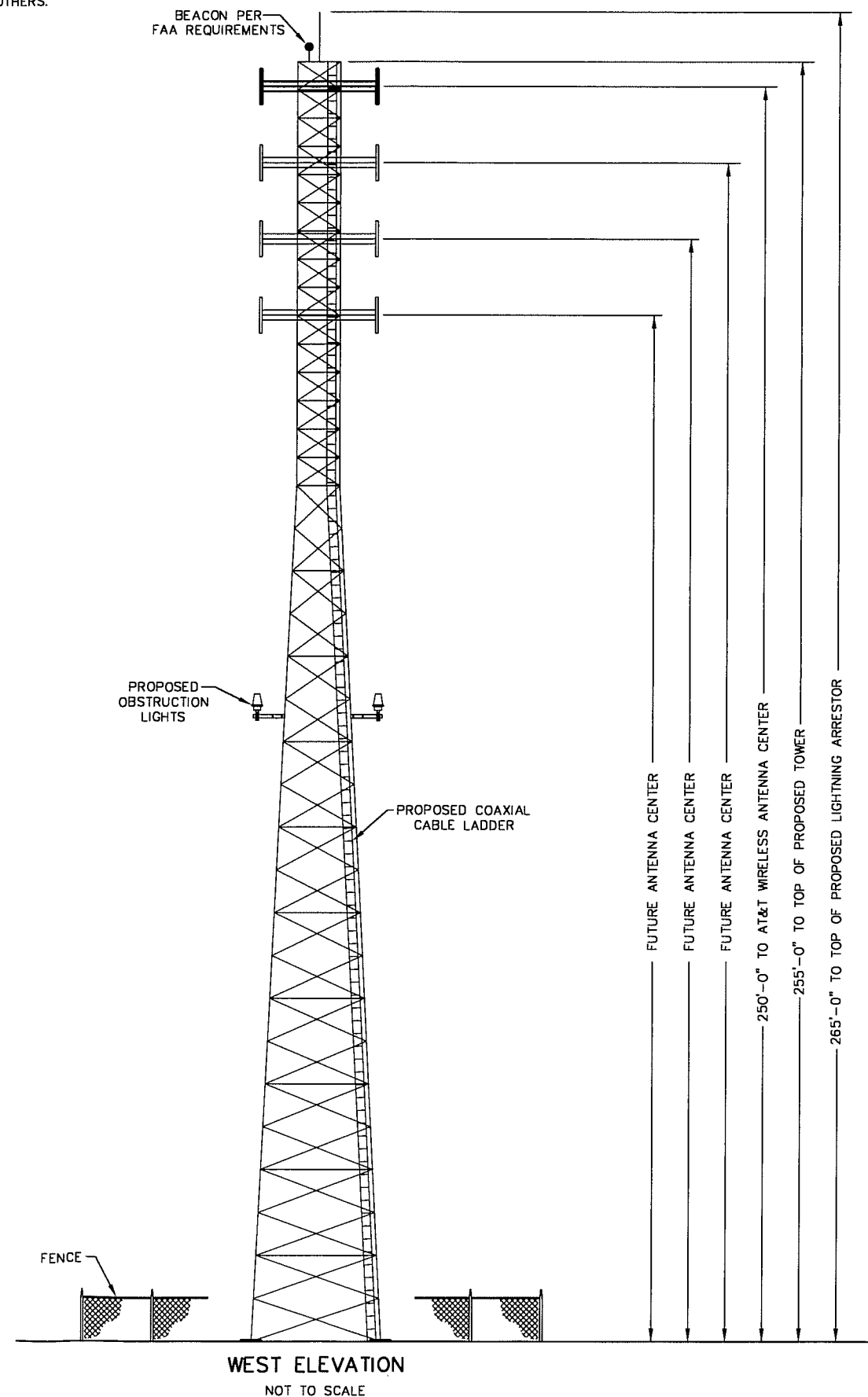
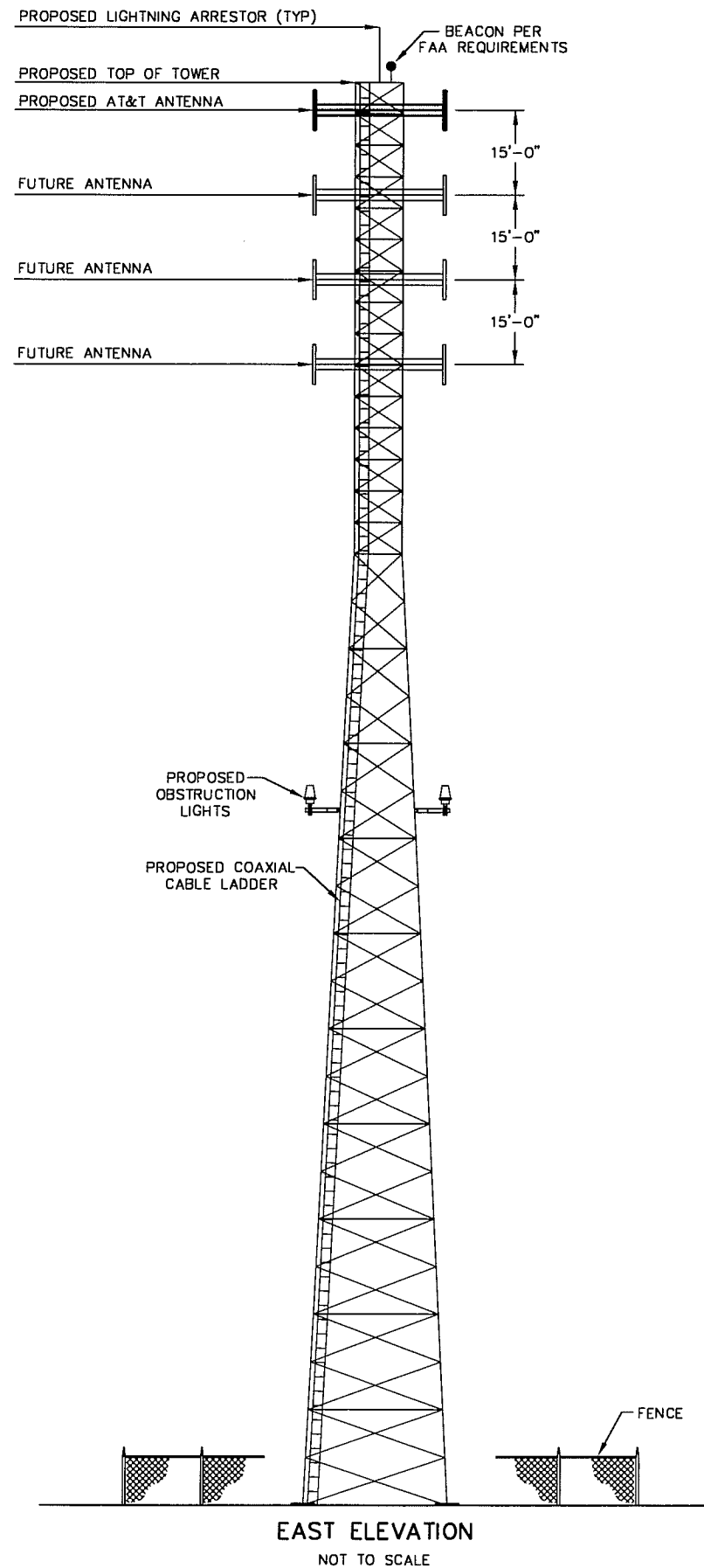
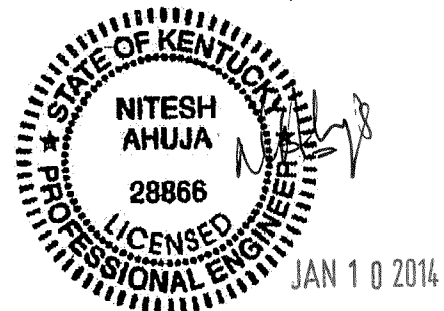
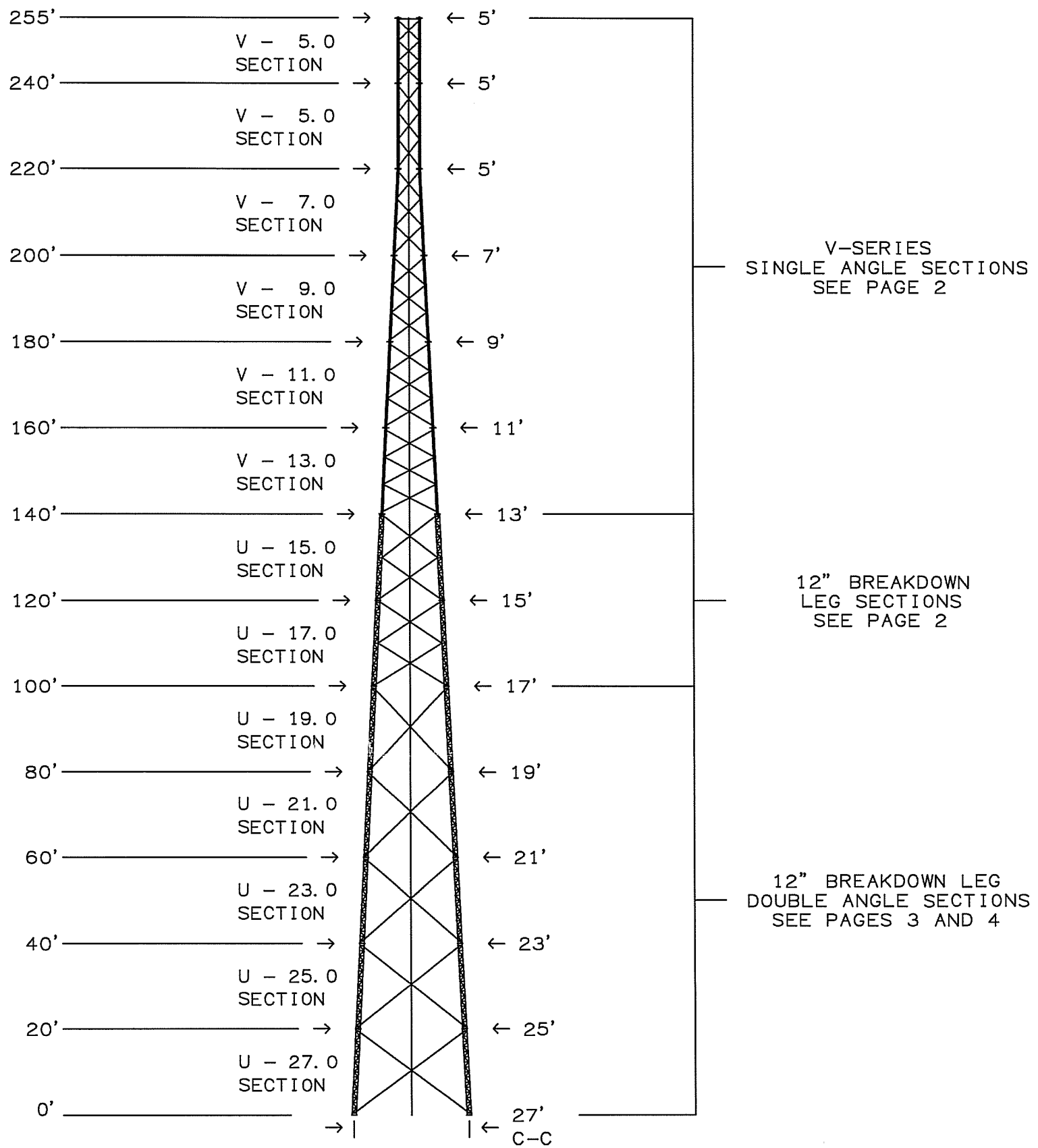
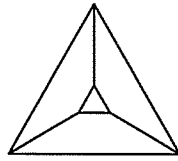


EXHIBIT C
TOWER AND FOUNDATION DESIGN



Nitesh Ahuja, KY Professional Engineer #28866

WESTOWER COMMUNICATIONS
ALICE LLOYD AL6157, KY
V-27.0 X 255'

APPROVED/ENG.	SKK	1/10/2014
APPROVED/FOUND.	N/A	
COPYRIGHT	2014	
DRAWN BY	SKK	

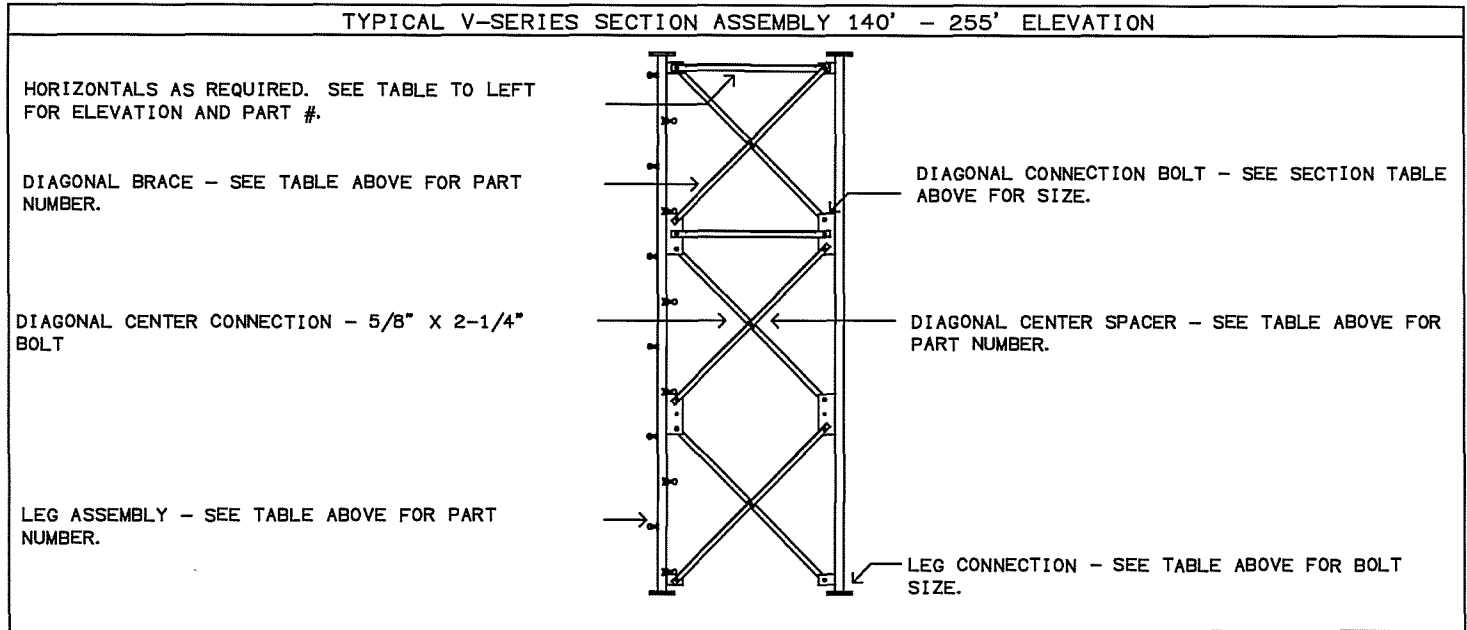


DRAWING NO.
252664
PAGE

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	QTY
						QTY	PART#	QTY	PART#	DIAM	LENGTH	#1	#2	#3	FACE	THICK	DIAM	LENGTH	SPACER	
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	

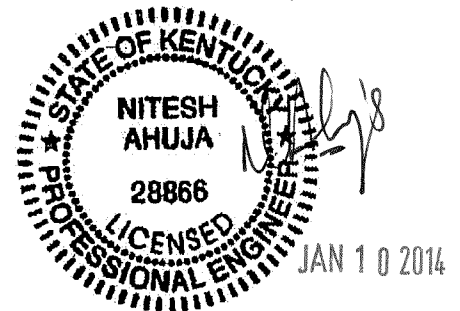
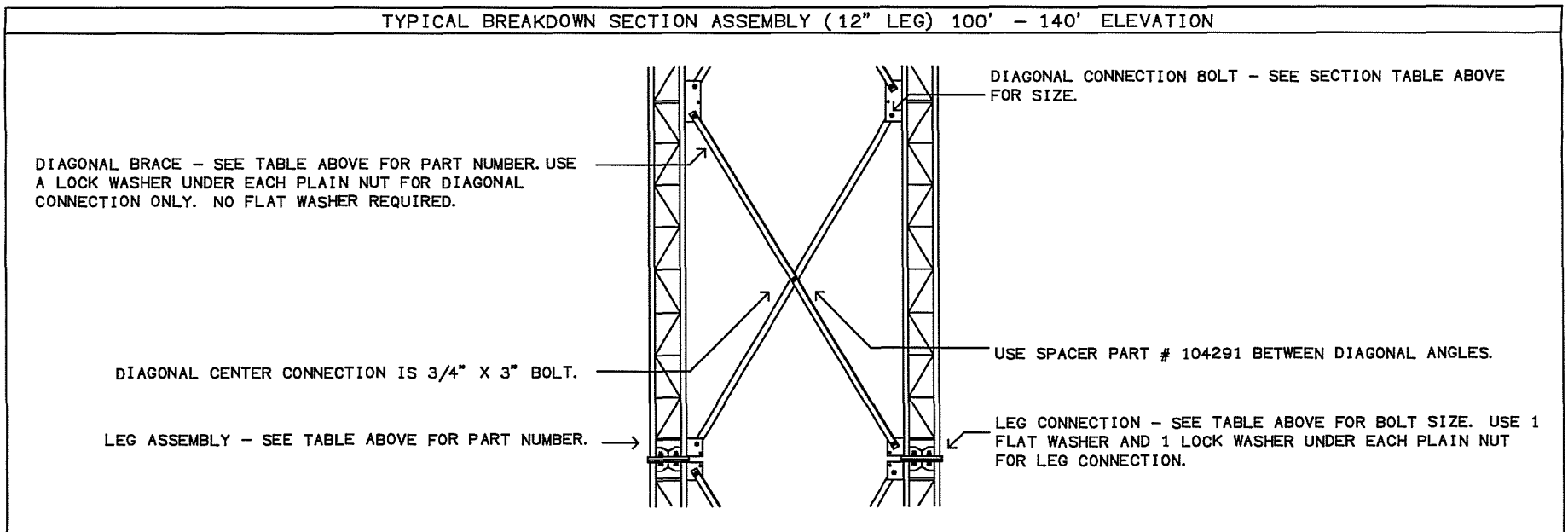
+ AT BOTTOM OF SECTION
* THE WEIGHTS LISTED ARE THEORETICAL. THE ACTUAL WEIGHTS WILL VARY. ALL WEIGHTS SHOULD BE CONFIRMED IN THE FIELD PRIOR TO ERECTION.
** PANELS ARE NUMBERED BEGINNING AT THE TOP OF THE SECTION.

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 ANGLE FACE	DIAGONAL ANGLE THICK	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.



Nitesh Ahuja, KY Professional Engineer #28866

WESTOWER COMMUNICATIONS
ALICE LLOYD AL6157, KY
V-27.0 X 255'

APPROVED/ENG.	SKK	1/10/2014	
APPROVED/FOUND.	N/A		
COPYRIGHT 2014			
DRAWN BY	SKK		DRAWING NO.
ENG. FILE NO.	A-243491-		252664
ARCHIVE	F-1015874		PAGE

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

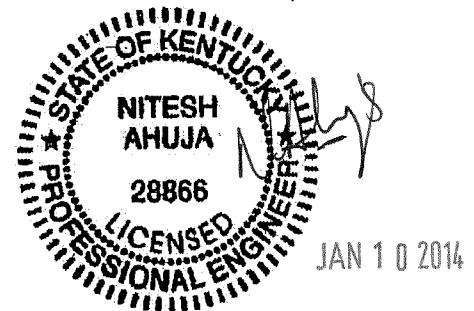
SECTION				LEG		LEG CONNECT @ BOTTOM+		
#	MODEL	LENGTH	WEIGHT*	SIZE	PART #	DIAM	LENGTH	#
5	U-19.0	20'	4069#	2 "	208332	1"	4-3/4"	12
4	U-21.0	20'	4741#	2- 1/4 "	208334	1"	4-3/4"	12
3	U-23.0	20'	4807#	2- 1/4 "	208334	1"	4-3/4"	12
2	U-25.0	20'	4876#	2- 1/4 "	208334	1"	4-3/4"	12
1	U-27.0	20'	5681#	2- 1/4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



Nitesh Ahuja, KY Professional Engineer #28866

WESTOWER COMMUNICATIONS
 ALICE LLOYD AL6157, KY
 V-27.0 X 255'

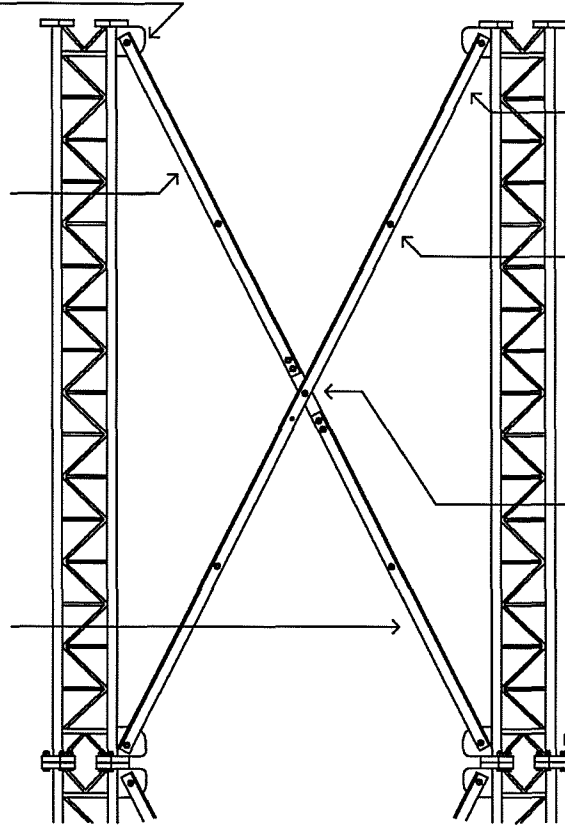
APPROVED/ENG.	SKK	1/10/2014	 1-877-467-4763 Plymouth, IN 1-888-880-9191 Salem, OR
APPROVED/FOUND.	N/A		
COPYRIGHT 2014			
DRAWN BY	SKK		DRAWING NO.
ENG. FILE NO.	A-243491-		252664
ARCHIVE	F-1015874		PAGE 3 OF 10

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 #.

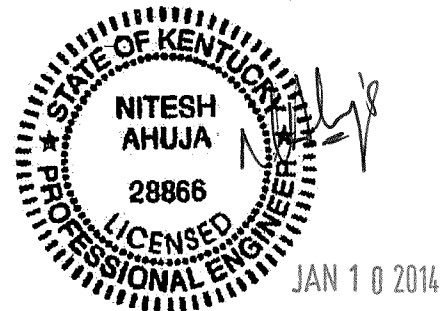
INTERMEDIATE DIAGONAL BOLTS WITH SPACER - SEE TABLE ON PG. 3 FOR SIZE, SPACER PART # AND NUMBER OF LOCATIONS PER PANEL ON EACH FACE. USE 1 SPACER PER BOLT. SEE DRAWING # 214823 FOR DETAILS.

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
ALICE LLOYD AL6157, KY
V-27.0 X 255'

APPROVED/ENG.	SKK	1/10/2014
APPROVED/FOUND.	N/A	
COPYRIGHT	2014	
DRAWN BY	SKK	

valmont 
1-877-467-4763 Plymouth, IN
1-888-880-9191 Salem, OR STRUCTURES

DRAWING NO.

From: F1015874.DFT - 01/10/2014 08:19

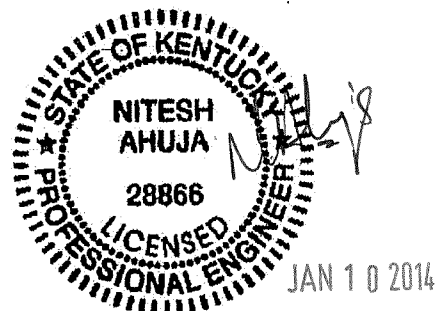
ENG. FILE NO. A-243491-
ARCHIVE F-1015874

252664
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 = 65.0 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-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
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 PIPOD 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.

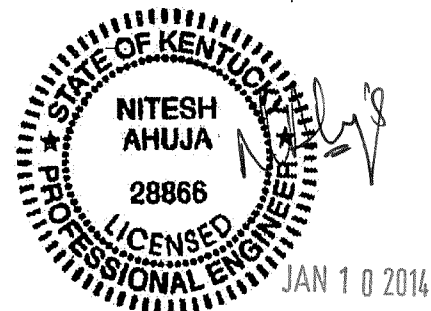


Nitesh Ahuja, KY Professional Engineer #28866

		WESTOWER COMMUNICATIONS ALICE LLOYD AL6157, KY V-27.0 X 255'	
		APPROVED/ENG.	SKK 1/10/2014
		APPROVED/FOUND.	N/A
		COPYRIGHT	2014
		DRAWN BY	SKK
From: F1015874.DFT - 01/10/2014 08:19		ENG. FILE NO.	A-243491-
Printed from 252664_05@@.DWG - 01/10/2014 08:22 @ 01/10/2014 12:53		ARCHIVE	F-1015874
		valmont	
		DRAWING NO. 252664	
		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

WESTOWER COMMUNICATIONS
ALICE LLOYD AL6157, KY
V-27.0 X 255'

APPROVED/ENG.	SKK	1/10/2014
APPROVED/FOUND.	M_S	1/10/2014
COPYRIGHT 2014		
DRAWN BY	SKK	

valmont 
1-877-467-4763 Plymouth, IN
1-888-880-9191 Salem, OR
STRUCTURES

DRAWING NO.

252664

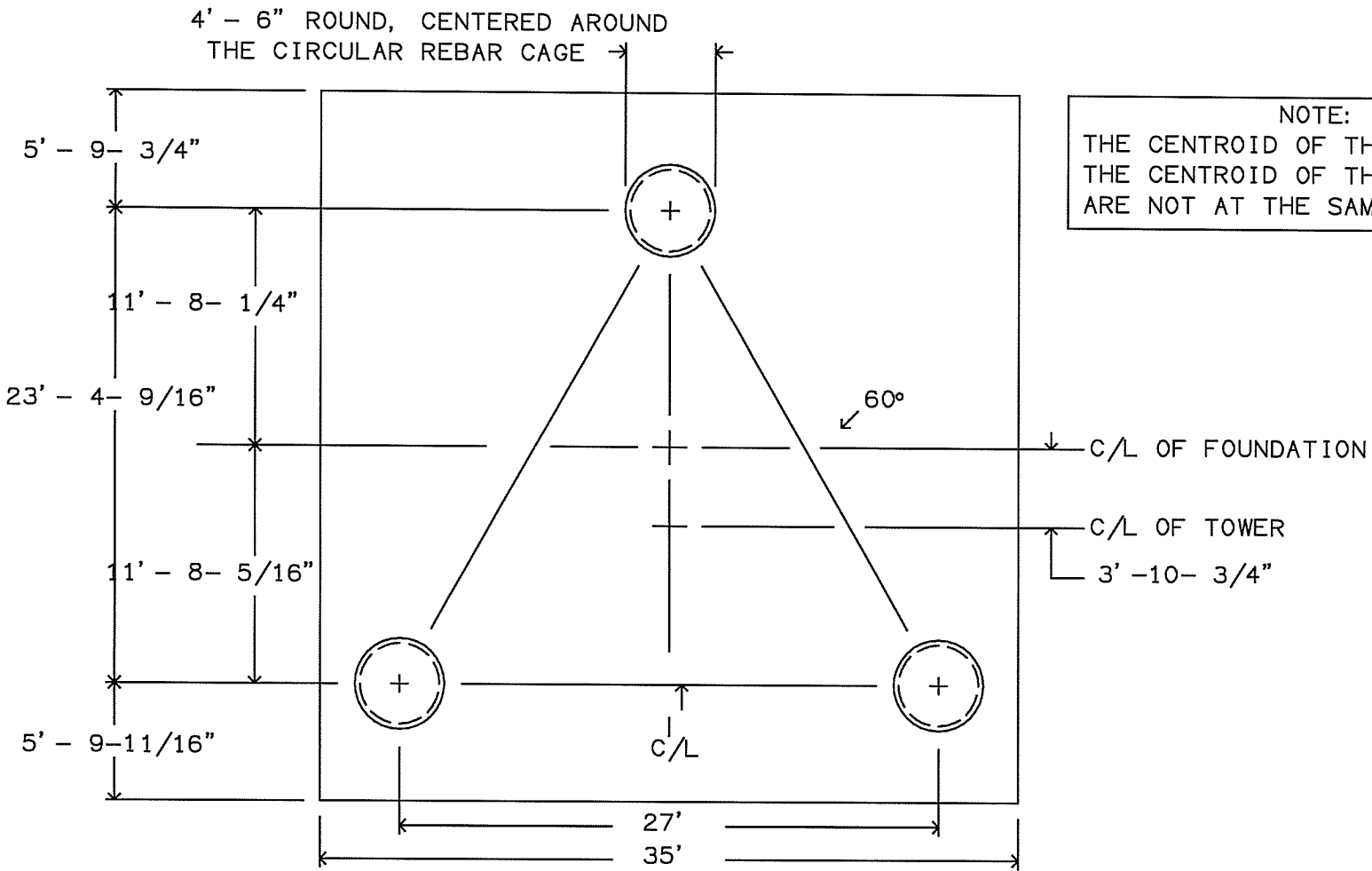
PAGE

6 OF 10

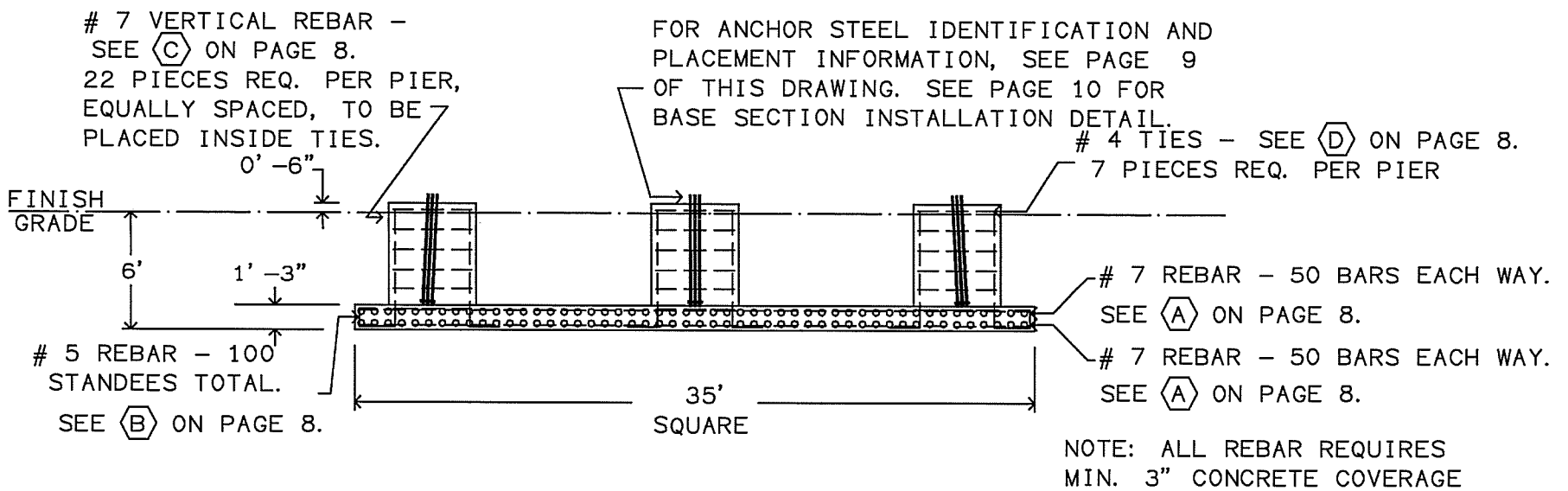
From: F1015874.DFT - 01/10/2014 08:19

Printed from 252664_06@@.DWG - 01/10/2014 08:22 @ 01/10/2014 12:53

ENG. FILE NO. A-243491-
ARCHIVE F-1015874

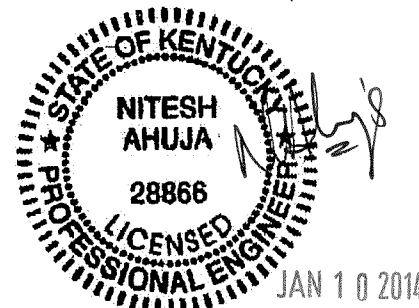


NOTE: THE FOUNDATIONS DEPICTED ON THIS DRAWING WERE DESIGNED PER ASSUMED SOIL PARAMETERS. ALTHOUGH IT IS OUR EXPECTATION THAT THE SOIL WILL EXHIBIT SUFFICIENT STRENGTH TO COMPLY WITH THE ASSUMED STRENGTHS, IT IS POSSIBLE THAT THE SOIL MAY NOT EXHIBIT THE REQUIRED STRENGTHS. THEREFORE, IT IS HIGHLY RECOMMENDED 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.



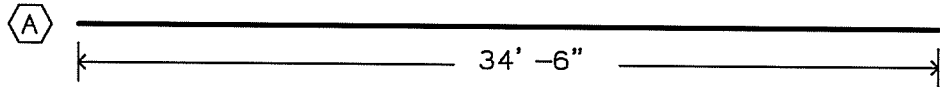
Nitesh Ahuja, KY Professional Engineer #28866

WESTOWER COMMUNICATIONS
ALICE LLOYD AL6157, KY
V-27.0 X 255'

APPROVED/ENG.	SKK 1/10/2014
APPROVED/FOUND.	M_S 1/10/2014
COPYRIGHT 2014	
DRAWN BY	SKK
ENG. FILE NO.	A-243491- F-1015874

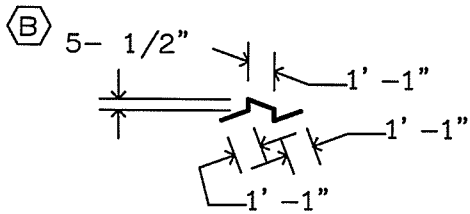


DRAWING NO.
252664
PAGE

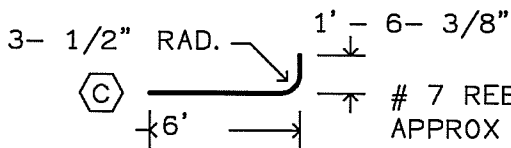


7 REBAR - 200 PIECES REQ. TOTAL
APPROX WT = 70.5# EACH, 14100# TOTAL

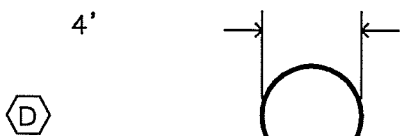
REBAR SUPPORTS MAY CONSIST OF ANY ACCEPTABLE MEANS OF SECURELY SUPPORTING THE TOP REINFORCEMENT GRID ABOVE THE BOTTOM REINFORCEMENT GRID WHILE MAINTAINING A SEPARATION OF 0'-9" (OUTSIDE REBAR TO OUTSIDE REBAR).



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

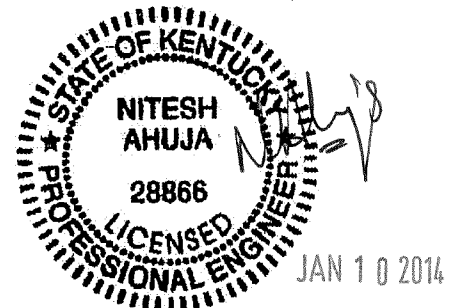


4 REBAR - 21 PIECES REQUIRED TOTAL
APPROX UNBENT LENGTH = 14'-1-3/8"
APPROX WT = 9.4# EACH, 197# TOTAL

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

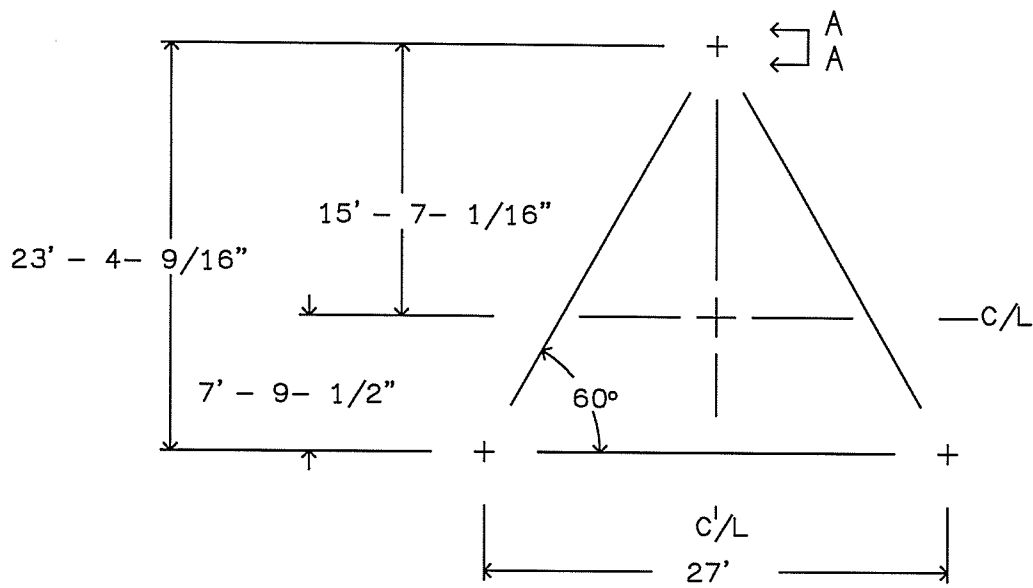
WESTOWER COMMUNICATIONS
ALICE LLOYD AL6157, KY
V-27.0 X 255'

APPROVED/ENG.	SKK	1/10/2014
APPROVED/FOUND.	M_S	1/10/2014
COPYRIGHT 2014		
DRAWN BY	SKK	



DRAWING NO.
252664
PAGE

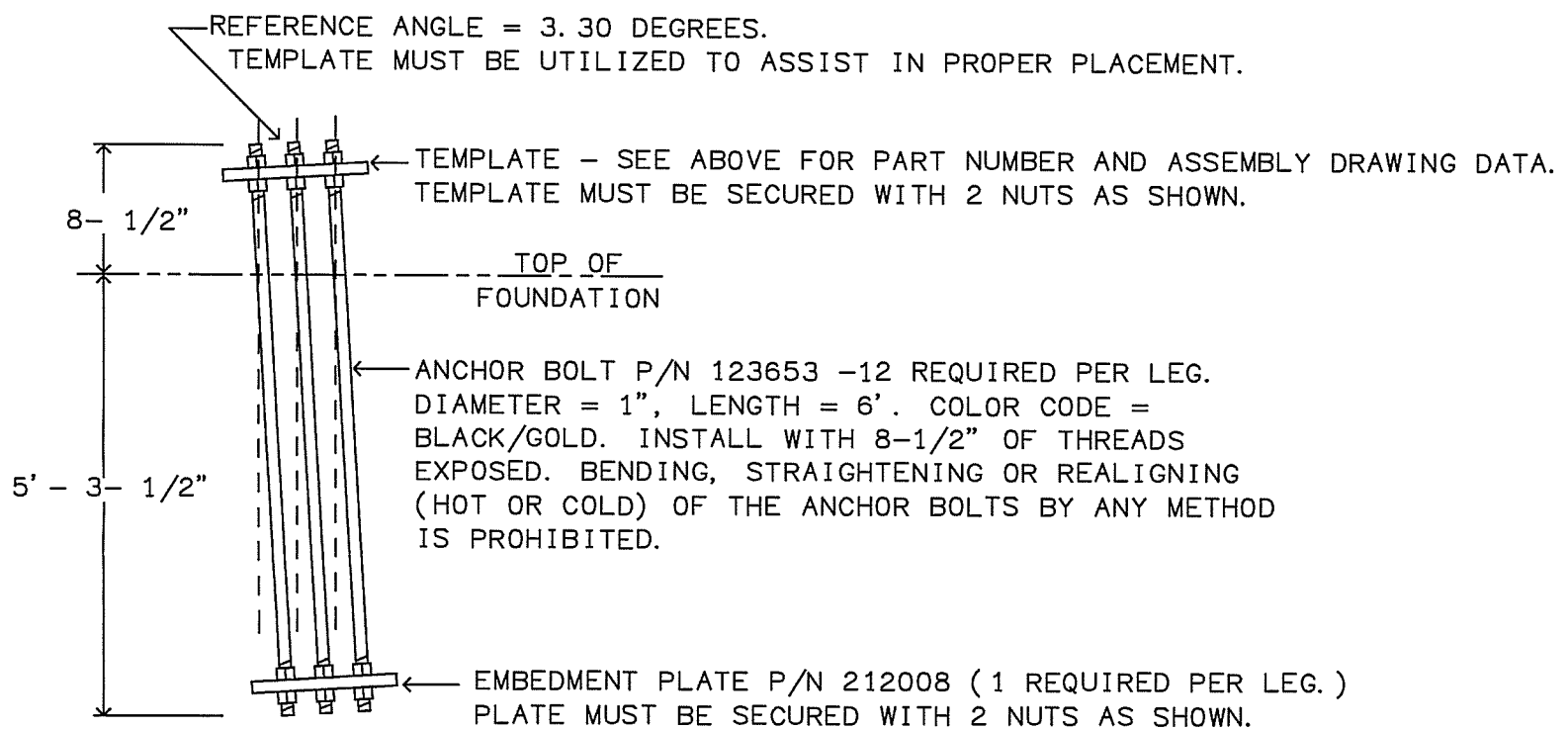
8 OF 10



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



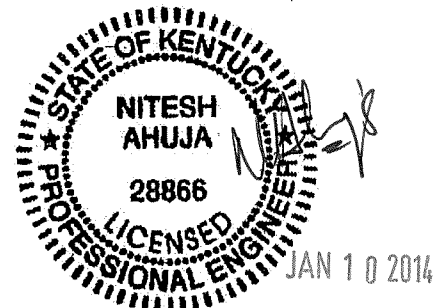
VIEW A - A - ANCHOR BOLT INSTALLATION DETAIL (NOT TO SCALE)

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

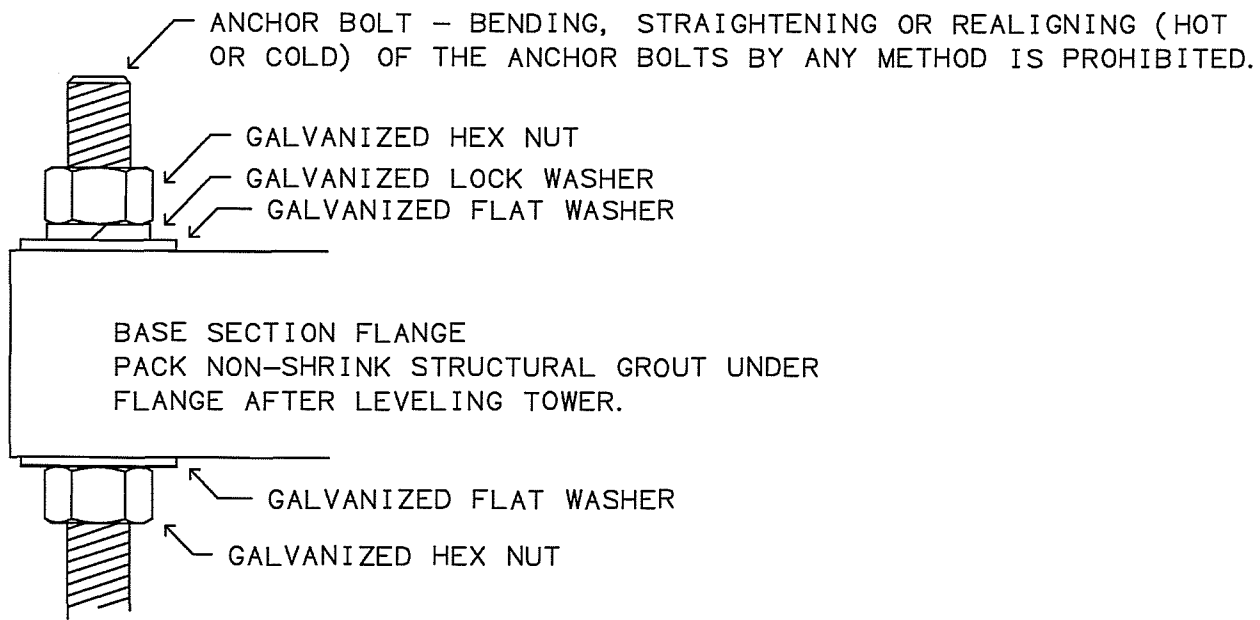
WESTOWER COMMUNICATIONS
ALICE LLOYD AL6157, KY
V-27.0 X 255'

APPROVED/ENG.	SKK	1/10/2014
APPROVED/FOUND.	M_S	1/10/2014
COPYRIGHT 2014		
DRAWN BY	SKK	

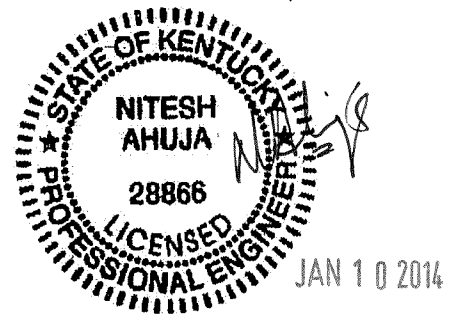


DRAWING NO.
252664
PAGE

9 OF 10



BASE SECTION INSTALLATION DETAIL



Nitesh Ahuja, KY Professional Engineer #28866

WESTOWER COMMUNICATIONS
 ALICE LLOYD AL6157, KY
 V-27.0 X 255'

APPROVED/ENG.	SKK	1/10/2014
APPROVED/FOUND.	M_S	1/10/2014
COPYRIGHT 2014		
DRAWN BY	SKK	



DRAWING NO.
 252664



STRUCTURES

January 10, 2014

Westtower Communications

Attn: John Boud

SUBJECT: Valmont File # 243491
Model V-27.0 X 255' Self Supporting Tower
Site Name: Alice Lloyd -(AL6157), 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.

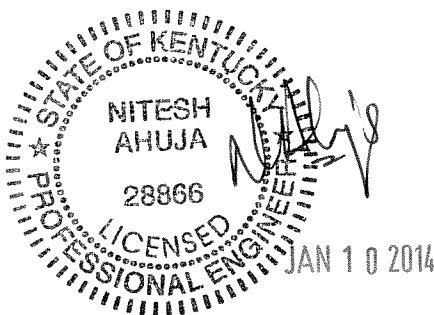
We are aware of few documented instances of a self supporting tower or monopole failure. Self supporting towers and monopoles can be designed such that the most common mode of failure is in the upper middle region of the tower, with the upper portion of the tower remaining connected and "bending and 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



March 18, 2014

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

RE: Site Name: ALICE LLOYD
Proposed Cell Tower
37-20-33.171 North Latitude, 82-53-00.004 West Longitude
448 Jacobs Ridge Rd., Pippa Passes, KY 41844

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



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

License Search

Search Results

Specified Search

State = **Kentucky**
 County = **KNOTT**
 Radio Service = **CL, CW**
 Status = **Active**

Matches **1- 10** (of **10**)

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

	Call Sign/Lease ID	Name	FRN	Radio Service	Status	Expiration Date
1	PA KNKN809	East Kentucky Network, LLC d/b/a Appalachian Wireless	0001786607	CL	Active	10/01/2021
2	KNKN841	NEW CINGULAR WIRELESS PCS, LLC	0003291192	CL	Active	10/01/2021
3	KNLF252	WIRELESSCO, L.P.	0002316545	CW	Active	06/23/2015
4	PA KNLH256	Cellco Partnership	0003290673	CW	Active	04/28/2017
5	PA KNLH398	Powertel Memphis Licenses, Inc.	0001832807	CW	Active	04/28/2017
6	KNLH399	Powertel Memphis Licenses, Inc.	0001832807	CW	Active	04/28/2017
7	WPOI255	NEW CINGULAR WIRELESS PCS, LLC	0003291192	CW	Active	06/23/2015
8	WQCS428	Cellco Partnership	0003290673	CW	Active	05/13/2015
9	WQCX683	T-Mobile License LLC	0001565449	CW	Active	06/20/2015
10	PA WQDI527	Cricket License Company, LLC	0018402123	CW	Active	09/06/2015

	Call Sign/Lease ID	Name	FRN	Radio Service	Status	Expiration Date
--	--------------------------	------	-----	------------------	--------	--------------------

**EXHIBIT E
CO-LOCATION REPORT**

March 17, 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: 448 Jacobs Ridge Road, Pippa Passes, KY
Site Name: Alice Lloyd

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 Pippa Passes area, within Knott 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 north of Pippa Passes, with extreme ground elevation changes within the search ring. This variation of nearly 900' 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 reviewed the following sites which are all located on a ridge at the highest point within the search ring:

- Appalachian Wireless has an existing tower in the center of the 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.
- The State of Kentucky owns a tower in the center of the ring; however, the tower is loaded with antennas and would not allow for the addition of AT&T's equipment.

- A third tower is believed to be owned by local government, but is far too short to meet AT&T's height needs and appears in very poor condition.

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 Knott 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 one (1) candidate property 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, only one property met all the requirements for the placement of AT&T's proposed site. The chosen property currently contains all three existing towers within its boundaries.

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

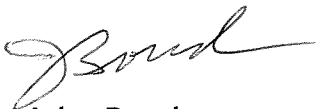
- Federal Aviation Administration (“FAA”) compliance.
- Federal Communication Commission (“FCC”) compliance.

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, with extreme topographic variation.

Sincerely,



John Boud

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



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-7944-OE

Issued Date: 11/14/2013

ATT Mobility LLC
 John Monday
 2200 N Greenville Avenue
 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 Alice Lloyd
 Location: Pippa Passes, KY
 Latitude: 37-20-33.17N NAD 83
 Longitude: 82-53-00.00W
 Heights: 1878 feet site elevation (SE)
 265 feet above ground level (AGL)
 2143 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 05/14/2015 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-7944-OE.

Signature Control No: 197522564-201772592

(DNE)

Carole Bernacchi
Technician

Attachment(s)
Frequency Data

cc: FCC

Frequency Data for ASN 2013-ASO-7944-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

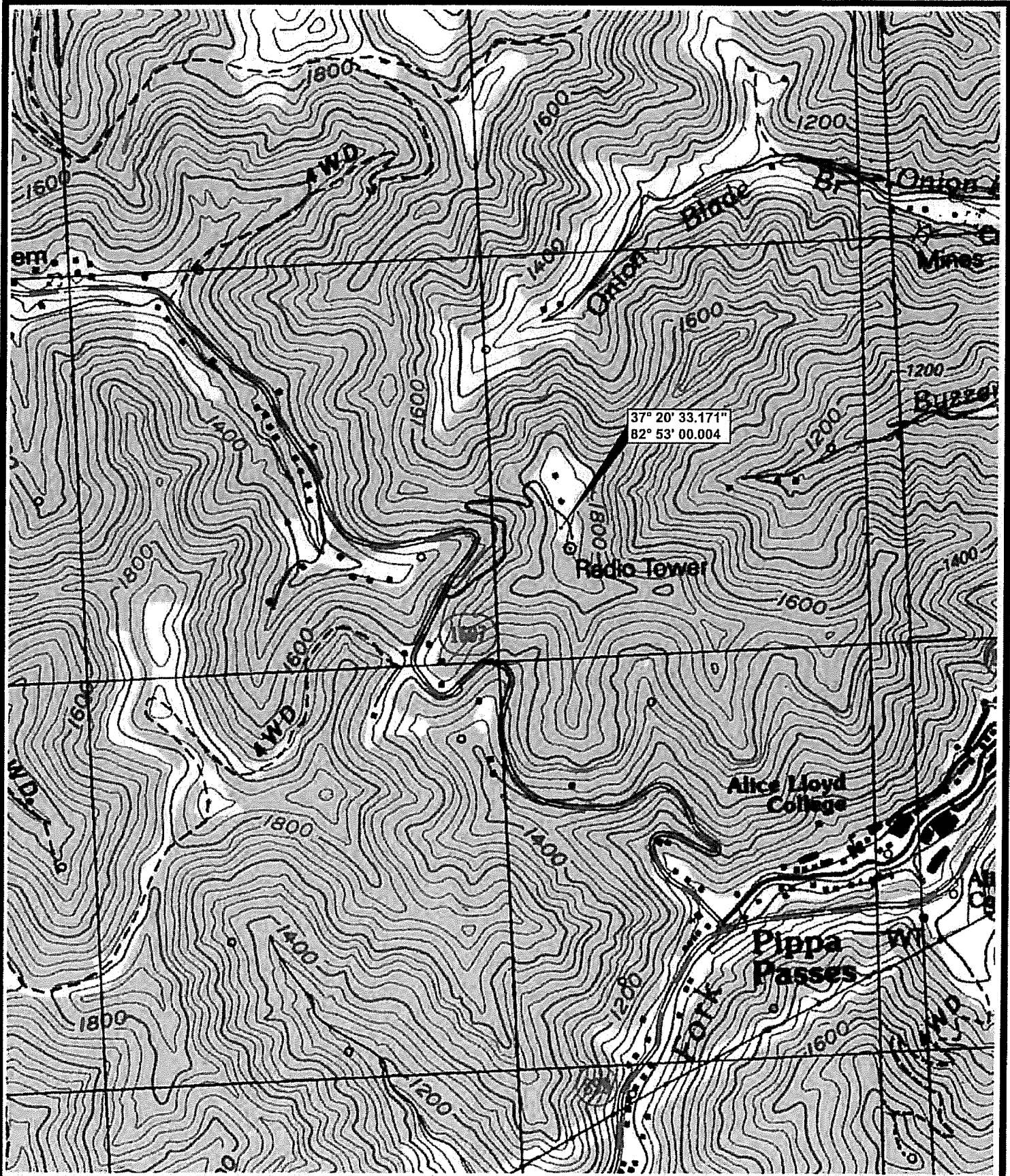
EXHIBIT G
KENTUCKY AIRPORT ZONING COMMISSION



KENTUCKY AIRPORT ZONING COMMISSION

APPLICATION FOR PERMIT TO CONSTRUCT OR ALTER A STRUCTURE

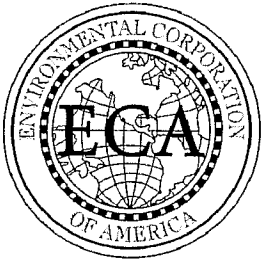
APPLICANT (name) AT&T		PHONE 502-779-5951	FAX	KY AERONAUTICAL STUDY # AS-060-K20-2013-145	
ADDRESS (street) 601 W. Chestnut		CITY Louisville		STATE KY	ZIP 40203
APPLICANT'S REPRESENTATIVE (name) Kit Nickel		PHONE 614-582-8825	FAX 614-583-9148		
ADDRESS (street) 3173 Deanpark Drive		CITY Hilliard		STATE 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°20'33.171"		LONGITUDE 82°53'00.004"		DATUM <input checked="" type="checkbox"/> NAD83 <input type="checkbox"/> NAD27 <input type="checkbox"/> Other	
NEAREST KENTUCKY City Pippa Passes County Knott		NEAREST KENTUCKY PUBLIC USE OR MILITARY AIRPORT			
SITE ELEVATION (AMSL, feet) 1877.5		TOTAL STRUCTURE HEIGHT (AGL, feet) 265'		CURRENT (FAA aeronautical study #)	
OVERALL HEIGHT (site elevation plus total structure height, feet) 2142.5				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.) Approximately 0.5 mile North of Pippa Passes, 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'. This application is a revision to aeronautical study AS-060-K20-2013-145 in order to adjust total height to 265'.					
FAA Form 7460-1 (Has the "Notice of Construction or Alteration" been filed with the Federal Aviation Administration?) <input type="checkbox"/> No <input type="checkbox"/> Yes, when?					
CERTIFICATION (I hereby certify that all the above entries, made by me, are true, complete, and correct to the best of my knowledge and belief.)					
PENALTIES (Persons failing to comply with KRS 183.861 to 183.990 and 602 KAR 050 are liable for fines and/or imprisonment as set forth in KRS 183.990(3). Noncompliance with FAA regulations may result in further penalties.)					
NAME Kit Nickel	TITLE Agent for AT&T	SIGNATURE 		DATE 1-2-2014	
COMMISSION ACTION		<input type="checkbox"/> Chairperson, KAZC <input type="checkbox"/> Administrator, KAZC			
<input type="checkbox"/> Approved	SIGNATURE			DATE	
<input type="checkbox"/> Disapproved					



SCALE: 1" = 1000'



**EXHIBIT H
GEOTECHNICAL REPORT**



ENVIRONMENTAL CORPORATION OF AMERICA

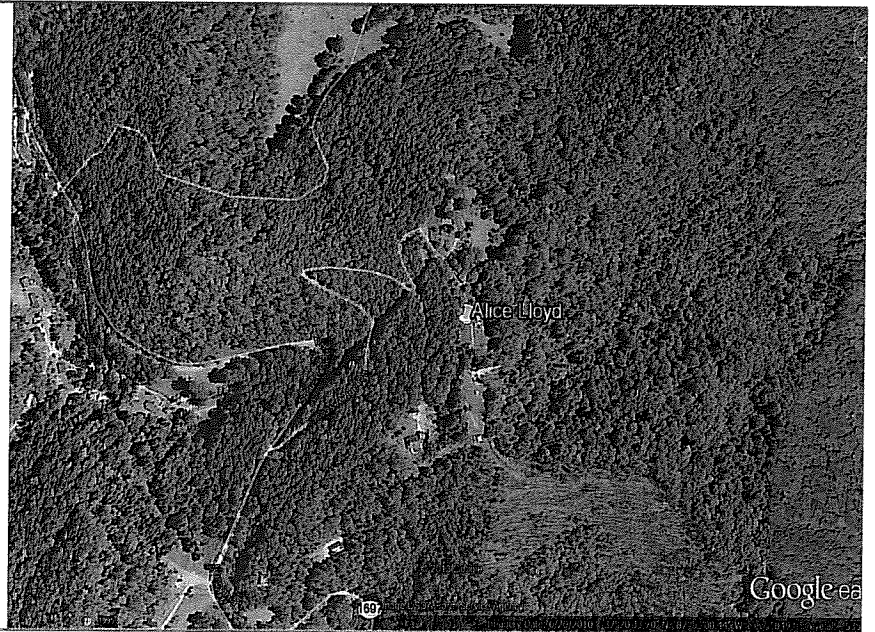
ENVIRONMENTAL | GEOTECHNICAL | WETLANDS | ECOLOGY | CULTURAL RESOURCES

Geotechnical Investigation

AT&T Site (Alice Lloyd)

**448 Jacobs Ridge Road
Pippa Passes, Kentucky
Knott County**

ECA Project No. P1249



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 ALICE LLOYD
448 Jacobs Ridge Road
Pippa Passes, Knott County, Kentucky
ECA Project No. P1249**

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:

- Due to very steep terrain, our ATV drill rig could not access the proposed tower and level up to facilitate drilling. Therefore, two hand auger borings were drilled to depths of 2.1 and 2.4 feet below the ground surface (bgs). Figure 1 shows the approximate boring locations.
- 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 an examination of the soil samples, and our experience with similar soil conditions and structures.

Project Information

We were provided with an undated survey of the Property by BTM Engineering. The Property is located in a wooded area near the top of a hill east of Jacobs Ridge Road.

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 26, 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. Several rock outcroppings were noted at the project site. The ground surface at the tower center slopes about 40 percent.

The boring encountered silty sand and gravel overlying apparent bedrock at approximately 2.1 feet. The soil classified as SM/GM soil type based on the Unified Soil Classification System (USCS). Auger refusal was encountered at 2.1 feet in boring B-1 and at 2.4 feet in boring B-1A. It is possible that the material at 2.1 feet represents a boulder; however, based on our observations, solid rock is very close to the surface. In order to drill deeper, coring would be needed. Also, significant clearing and leveling of the tower center would be needed.

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 mat foundation design, we recommend the foundation base be supported on the apparent rock surface. If bearing on rock, a net allowable bearing pressure of 8 ksf may be used. Other soil parameters that may be needed are as follows:

Cohesion	0 psf
Angle of internal friction	30°
Unit weight of soil	115 pcf

Total and differential settlement should be less than 1-inch and ½-inch, respectively. Due to the shallow rock, it may be necessary to excavate some depth of the rock to accommodate a below-ground foundation pad, or raise the ground surface and the tower foundation to provide sufficient concrete mass and overturning resistance, and/or use rock anchors.

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.

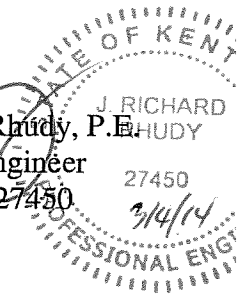
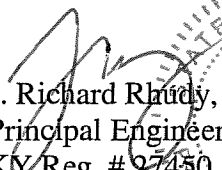
Mr. Boud
Page 5

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

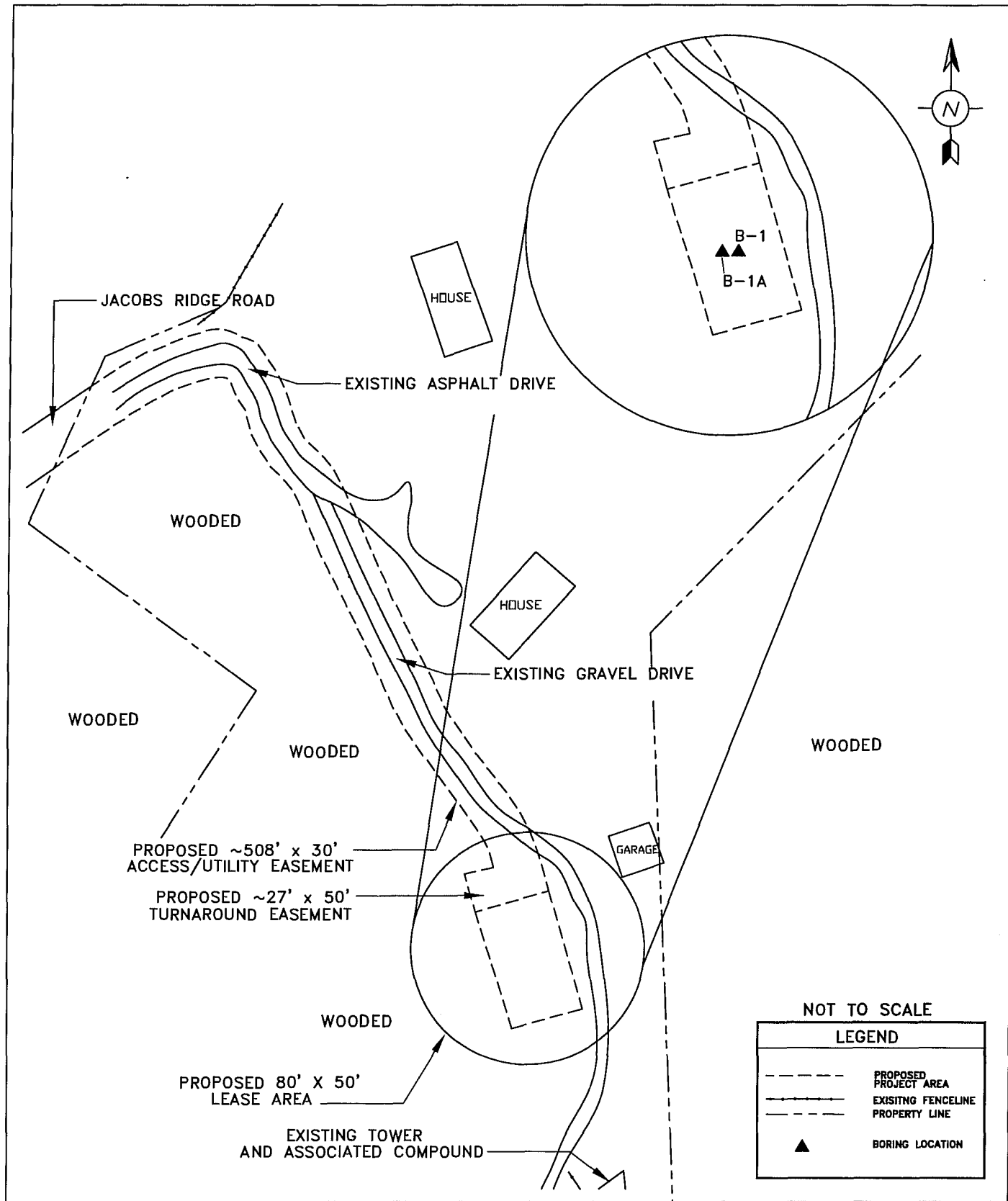


J. RICHARD
RHUDY
Principal Engineer
KY Reg. # 27450
3/4/14
PROFESSIONAL ENGR
STATE OF KENT

Appendix A Boring Location Plan
Appendix B Boring Log

APPENDIX A

Boring Location Plan



NOT TO SCALE

LEGEND

	PROPOSED PROJECT AREA
	EXISTING FENCELINE
	PROPERTY LINE
	BORING LOCATION

AT&T Site KYALU6157 (Alice Lloyd)
 448 Jacobs Ridge Road
 Pippa Passes, Knott County, Kentucky

Figure 1: Boring Location Plan

SOURCE: 9/18/13 ECA Site Visit and Site Survey

DRAWN BY: MKT/KLWDATE: 3/3/2014
 FILE NAME: F:\X\P1249.dwg



ECA Project # P1249

APPENDIX B

Boring Log

Project: AT&T Site (Alice Lloyd)

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

City, State Pippa Passes, Kentucky

Client: Westower

Drill Date: February 26, 2014

ECA Job No: P1249

Field Rep: Tyler

Elevation (ft)	Depth	SUBSURFACE PROFILE		SAMPLE				Water depth		
		Symbol	Description	Blow Counts (per ft)	SPT Values (blows/ft)				Remarks	
					10	20	30			40
0	0		Ground Surface							
-2.1	0		Very dense very silty SAND and GRAVEL (SM/GM)							
	2.1		Boring Terminated						Auger refusal at 2.1 feet Boring B-1A Offset 5 ft west Auger refusal at 2.4 feet	
	5									
	10									
	15									
	20									
	25									
	30									
	35									
	40									

Drilled By: Tri-State Drilling

Depth to Water: N/A

Borehole Size: 3" OD

Total Depth: 2.1 ft

Drill Method: Hand Auger

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 Alice Lloyd

1. Beginning at the Knott County Clerk's office, located at 53 W. Main Street, Hindman, KY 41822, head east on W. Main Street toward KY-550 E and travel for approximately 0.5 miles.
2. Turn left onto KY-550 E/Main St E and continue on KY-550 E for approximately 3.9 miles.
3. Turn right onto KY-1697 / Spruce Pine Road and travel approximately 2.8 miles.
4. Take a sharp left onto Jacobs Ridge Road. Travel approximately 0.4 miles to reach the destination at 448 Jacobs Ridge Road in Pippa Passes, Kentucky.
5. The site coordinates are
 - a. North 37 deg 20' 33.171"
 - b. West 82 deg 53' 00.004"



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



Doc ID: 001298220005 Type: LEASE
Recorded: 01/27/2014 at 08:49:54 AM
Receipt#: 2014-00000359

Page 1 of 5
Fees: \$23.00
Knott County, KY
Ken Gayheart Clerk of Court

BK **77** PG **346-350**

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 # KYALU6157; Cell Site Name: ALICE LLOYD
Fixed Asset # 12568750
State: KENTUCKY
County: KNOTT

**MEMORANDUM
OF
LEASE**

This Memorandum of Lease is entered into on this 17th day of November, 2013, by and between AFO JEAN JACOBS, AN UNMARRIED WOMAN, having a mailing address of 448 JACOBS RIDGE ROAD, PIPPA PASSES, KY 41844 (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**").

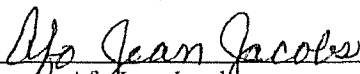
1. Landlord and Tenant entered into a certain Option and Lease Agreement ("**Agreement**") on the 17th day of November, 2013, for the purpose of installing, operating and maintaining a communications facility and other improvements. All of the foregoing is set forth in the Agreement.
2. The initial lease 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"

AFO JEAN JACOBS, AN UNMARRIED WOMAN

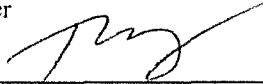
By: 
Print Name: Afo Jean Jacobs
Its: Owner
Date: 10-10-2013

"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: 11/9/13

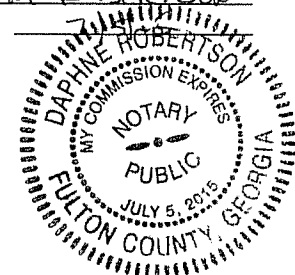
[ACKNOWLEDGMENTS APPEAR ON THE NEXT PAGE]

TENANT ACKNOWLEDGMENT

STATE OF Georgia)
) ss:
COUNTY OF Fulton)

On the 19th day of November, 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: _____



LANDLORD ACKNOWLEDGMENT

STATE OF KENTUCKY)
) ss:
COUNTY OF KNOTT)

On the 10th day of OCTOBER, 2013 before me, personally appeared Afo Jean Jacobs, who acknowledged under oath, that she is the person/officer named in the within instrument, and that she executed the same in her stated capacity as the voluntary act and deed of the Landlord for the purposes therein contained.

Lisa Belle
Notary Public: _____
My Commission Expires: 5/18/14

EXHIBIT 1

DESCRIPTION OF PREMISES

Page 1 of 2

to the Option and Lease Agreement dated November 19, 2013, by and between AFO JEAN JACOBS, AN UNMARRIED WOMAN, as Landlord, and New Cingular Wireless PCS, LLC, a Delaware limited liability company, as Tenant.

The Property is legally described as follows:

Lying and being in the head of Slone's Fork of Troublesome Creek and the head of Onion Blade Branch of Caney Creek and BEGINNING at the highway at a marked rock; thence up the hill with Delia Slone's line to a marked rock on the ridge; thence up the ridge with Delia Slone's line to David Slone's line; thence around the ridge with David Slone's line to Cody Jacobs' line; thence down the ridge with David Slone's line 325 feet to a stone marker; thence around the hill with a bench to a stone marker; thence up the hill to a stone marker; thence in a straight line to the beginning, containing five acres, more or less.

Being a part of the land conveyed to Cody Jacobs by deed dated January 11, 1941 and recorded in Deed Book 60, Page 250, Clerk's Office, Knott County, Kentucky, and part of the land conveyed to Cody Jacobs and Allie Jacobs by deed dated July 24, 1967 and recorded in Deed Book 90, Page 109, Clerk's Office, Knott County, Kentucky.

I, Ken Gayheart, County Clerk of Knott County, Kentucky, hereby certify that the foregoing instrument has been duly recorded in my office.

EXHIBIT 1

Ken Gayheart

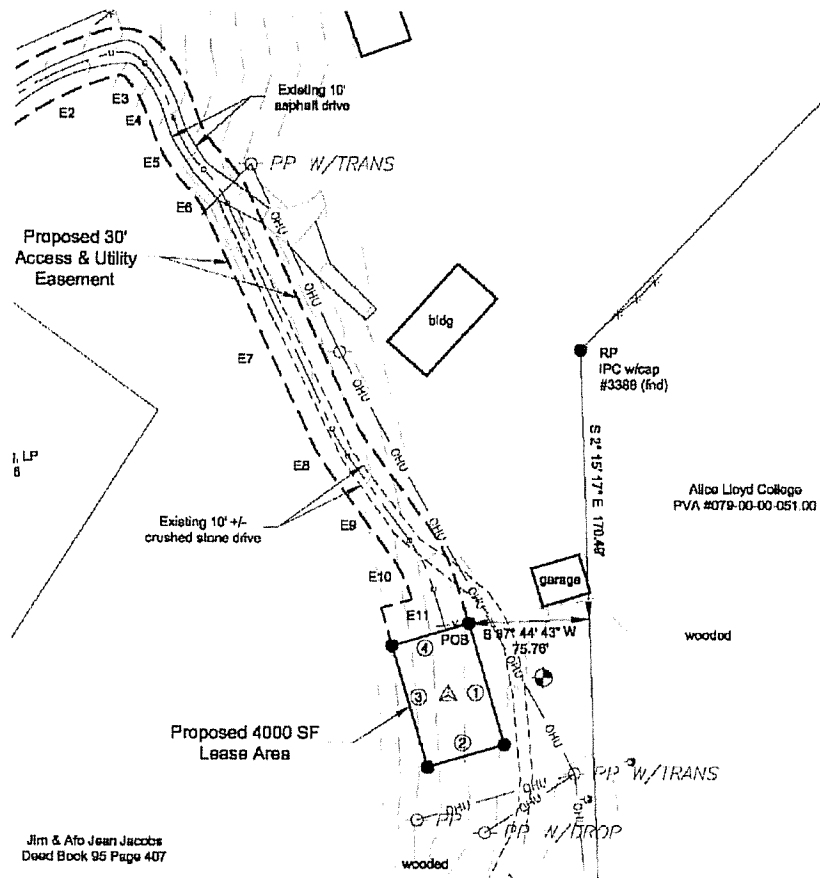
By: RUIE HAYS, dc

DESCRIPTION OF PREMISES

Page 2 of 2

to the Option and Lease Agreement dated November 19, 2013, by and between AFO JEAN JACOBS, AN UNMARRIED WOMAN, as Landlord, and New Cingular Wireless PCS, LLC, a Delaware limited liability company, as Tenant.

The Premises are described and/or depicted as follows:



Notes:

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

**EXHIBIT K
NOTIFICATION LISTING**

Alice Lloyd Landowner Notice Listing

Afo Jean Jacobs
P.O. Box 92
Pippa Passes, KY 41844

The Truck Store, Inc.
P.O. Box 991
Hindman, KY 41822

Alice Lloyd College
100 Purpose Road
Pippa Passes, KY 41844

Burnis & Mary Lois Jacobs
P.O. Box 33
Pippa Passes, KY 41844

Kurt & Lisa Sandlin
P.O. Box 174
Pippa Passes, KY 41844

Allison Jacobs
P.O. Box 33
Pippa Passes, KY 41844

Glenna Jacobs Gross
P.O. Box 456
Loyall, KY 40854

Donald G. & Kathy H. Mullins
P.O. Box 125
Garner, KY 41847

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: Alice Lloyd**

Dear Landowner:

New Cingular Wireless PCS, LLC, a Delaware limited liability company, d/b/a AT&T Mobility has filed an application with the Kentucky Public Service Commission ("PSC") to construct a new wireless communications facility on a site located at 448 Jacobs Ridge Road, Pippa Passes, Kentucky 41844 (37°20'33.171" North latitude, 82°53'00.004" 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 Knott 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 2014-00098 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

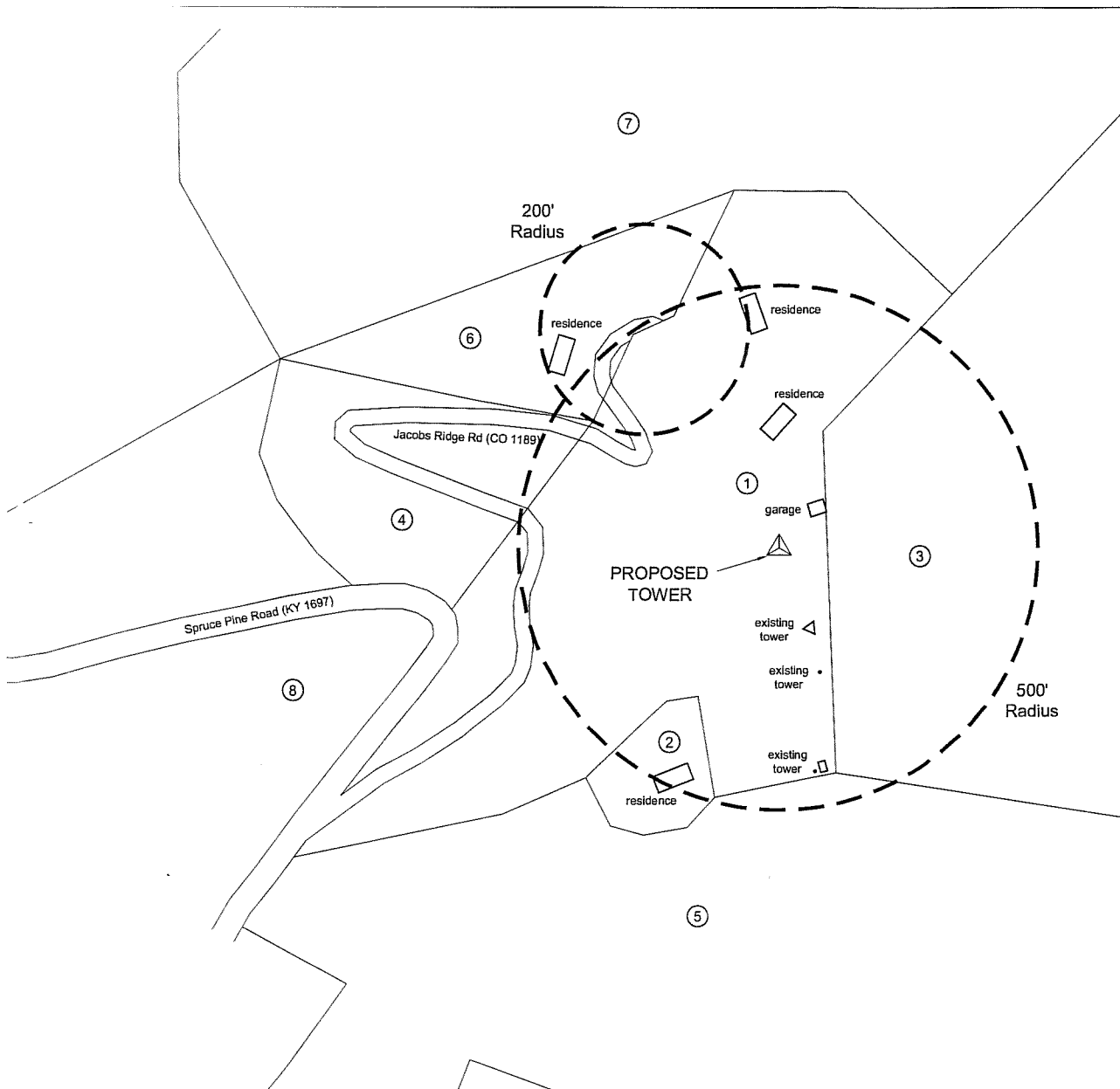
enclosure

Driving Directions to Proposed Tower Site at Alice Lloyd

1. Beginning at the Knott County Clerk's office, located at 53 W. Main Street, Hindman, KY 41822, head east on W. Main Street toward KY-550 E and travel for approximately 0.5 miles.
2. Turn left onto KY-550 E/Main St E and continue on KY-550 E for approximately 3.9 miles.
3. Turn right onto KY-1697 / Spruce Pine Road and travel approximately 2.8 miles.
4. Take a sharp left onto Jacobs Ridge Road. Travel approximately 0.4 miles to reach the destination at 448 Jacobs Ridge Road in Pippa Passes, Kentucky.
5. The site coordinates are
 - a. North 37 deg 20' 33.171"
 - b. West 82 deg 53' 00.004"



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



THIS MAP IS FOR GENERAL INFORMATIONAL PURPOSES ONLY AND IS NOT A BOUNDARY SURVEY

GENERAL NOTE:

All information shown hereon was obtained from records of the Knott County, Kentucky, Property Valuation Administration Office on 3/27/2014. The Property Valuation Administration records may not reflect the current owners and address due to the inaccuracies and time lapse in updating files. The Knott County Property Valuation Administration expressly disclaims any warranty for the content and any errors contained in their files.

George Brian Wyatt
 George Brian Wyatt, PLS 2328 April 9, 2014 Date



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

STATE of KENTUCKY
 GEORGE BRIAN
 WYATT
 2328
 LICENSED
 PROFESSIONAL
 LAND SURVEYOR

SITE NAME: ALICE LLOYD

SITE I.D.: KYALUB157

SITE ADDRESS:
 44E JACOBS RIDGE ROAD
 PIPPA PASSES, KNOXT CO., KY 41844

LEASE AREA: 4000 SF

PROPERTY OWNER:
 AFO JEAN JACOBS
 P.O. BOX 92
 PIPPA PASSES, KENTUCKY 41844

PARCEL NUMBER: 07D-60-00-008.00

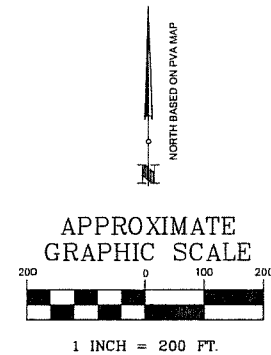
SOURCE OF TITLE:
 DEED BOOK 267 PAGE 416

LATITUDE: 37° 09' 33.171" N
 LONGITUDE: 82° 53' 00.004" W

NO.	REVISION/ISSUE	DATE
1		
2		
3		
4		
5		

TITLE:
 COMMUNICATIONS
 SITE SURVEY

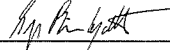
SHEET:
 C-1



THIS MAP IS FOR GENERAL
INFORMATIONAL PURPOSES ONLY
AND IS NOT A BOUNDARY SURVEY

GENERAL NOTE:

All information shown hereon was obtained from records of the Knott County, Kentucky, Property Valuation Administration Office on 3/07/2014. The Property Valuation Administration records may not reflect the current owners and address due to the inaccuracies and time lapse in updating files. The Knott County Property Valuation Administration expressly disclaims any warranty for the content and any errors contained in their files.


George Brian Wyatt, PLS 2328 April 9, 2014 Date

PARCEL NUMBER: 070-00-00-008.00
Afo Jean Jacobs
P.O. Box 92
Pippa Passes, Kentucky 41844

PARCEL NUMBER: 070-00-00-008.01
The Truck Store, Inc.
P.O. Box 991
Hindman, Kentucky 41822

PARCEL NUMBER: 079-00-00-051.00
Alice Lloyd College
100 Purpose Road
Pippa Passes, Kentucky 41844

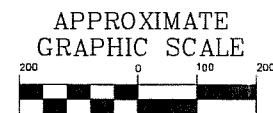
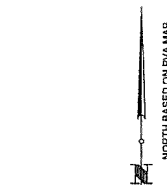
PARCEL NUMBER: 070-00-00-009.00
Burnis & Mary Lois Jacobs
P.O. Box 33
Pippa Passes, Kentucky 41844

PARCEL NUMBER: 070-00-00-005.00
Kurt & Lisa Sandlin
P.O. Box 174
Pippa Passes, Kentucky 41844

PARCEL NUMBER: 070-00-00-009.01
Allison Jacobs
P.O. Box 33
Pippa Passes, Kentucky 41844

PARCEL NUMBER: 070-00-00-010.00
Glenna Jacobs Gross
P.O. Box 456
Loyall, Kentucky 40854

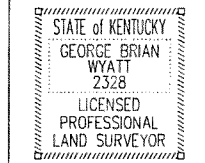
PARCEL NUMBER: 070-00-00-007.00
Donald G. & Kathy H. Mullins
P.O. Box 125
Garner, Kentucky 41847



1 INCH = 200 FT.



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



SITE NAME: ALICE LLOYD

SITE I.D.: KYALJ0157

SITE ADDRESS: 448 JACOBS RIDGE ROAD
PIPPA PASSES, KNOTT CO., KY 41844

LEASE AREA: 4000 SF

PROPERTY OWNER:
AFO JEAN JACOBS
P.O. BOX 92
PIPPA PASSES, KENTUCKY 41844

PARCEL NUMBER: 070-00-00-008.00

SOURCE OF TITLE:
DEED BOOK 267 PAGE 413

LATITUDE: 37° 20' 33.171" N
LONGITUDE: 82° 53' 00.004" W

NO.	REVISION/ISSUE	DATE
1		
2		
3		
4		
5		

TITLE:
COMMUNICATIONS
SITE SURVEY

SHEET:
C-1A

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. Zachary Weinberg
P.O. Box 505
Hindman, KY 41822

RE: Notice of Proposal to Construct Wireless Communications Facility
Kentucky Public Service Commission Docket No. 2014-00098
Site Name: Alice Lloyd

Dear Judge Weinberg:

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 448 Jacobs Ridge Road, Pippa Passes, Kentucky 41844 (37°20'33.171" North latitude, 82°53'00.004" 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 2014-00098 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.

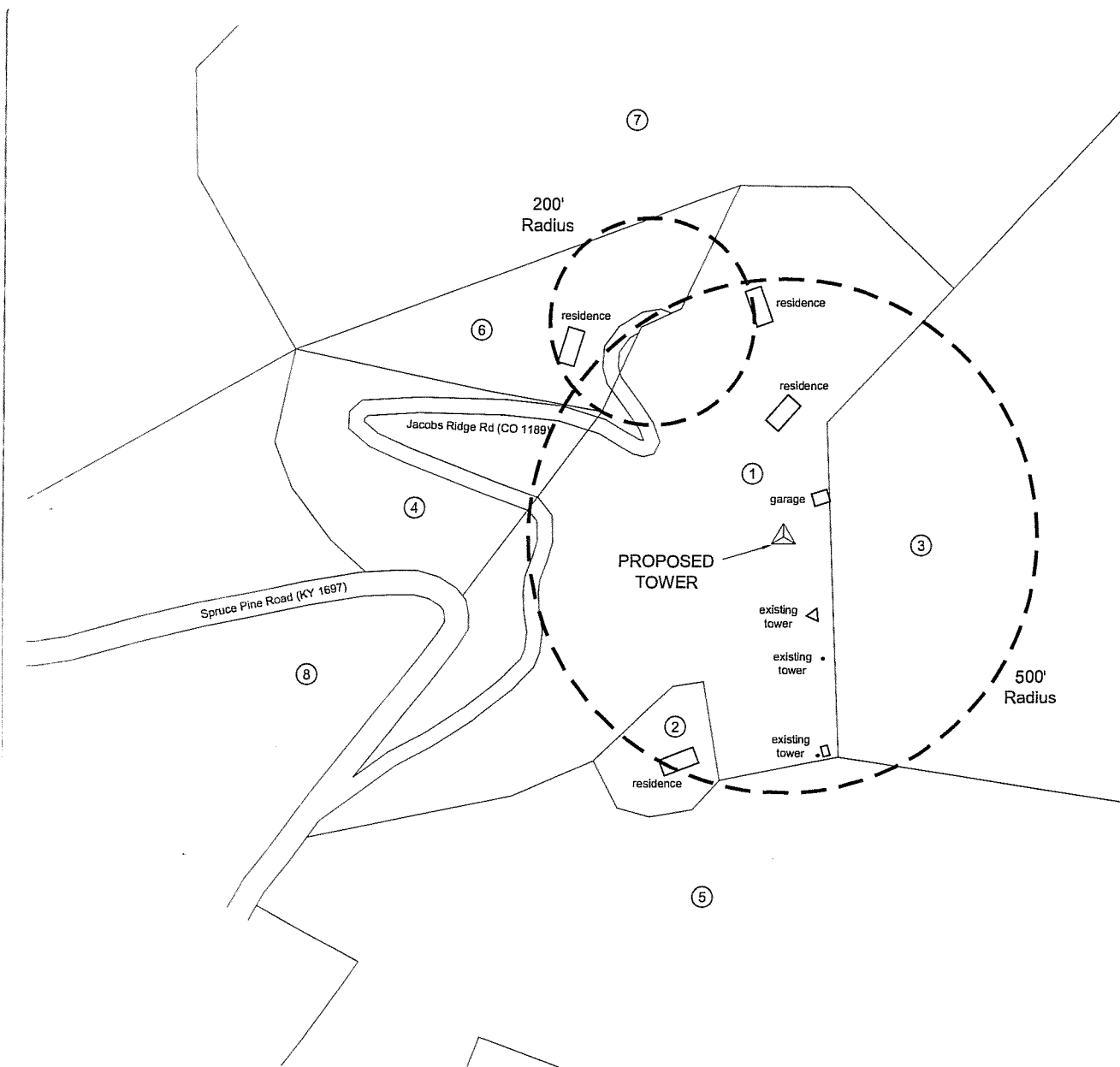
Sincerely,
David A. Pike
Attorney for AT&T Mobility
enclosure

Driving Directions to Proposed Tower Site at Alice Lloyd

1. Beginning at the Knott County Clerk's office, located at 53 W. Main Street, Hindman, KY 41822, head east on W. Main Street toward KY-550 E and travel for approximately 0.5 miles.
2. Turn left onto KY-550 E/Main St E and continue on KY-550 E for approximately 3.9 miles.
3. Turn right onto KY-1697 / Spruce Pine Road and travel approximately 2.8 miles.
4. Take a sharp left onto Jacobs Ridge Road. Travel approximately 0.4 miles to reach the destination at 448 Jacobs Ridge Road in Pippa Passes, Kentucky.
5. The site coordinates are
 - a. North 37 deg 20' 33.171"
 - b. West 82 deg 53' 00.004"



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



THIS MAP IS FOR GENERAL INFORMATIONAL PURPOSES ONLY AND IS NOT A BOUNDARY SURVEY

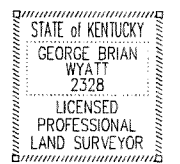
GENERAL NOTE:

All information shown hereon was obtained from records of the Knott County, Kentucky, Property Valuation Administration Office on 3/07/2014. The Property Valuation Administration records may not reflect the current owners and address due to the inaccuracies and time lapse in updating files. The Knott County Property Valuation Administration expressly disclaims any warranty for the content and any errors contained in their files.

George Brian Wyatt
 George Brian Wyatt, PLS 2328
 April 9, 2014
 Date



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



SITE NAME: ALICE LLOYD

SITE I.D.: KYAL08157

SITE ADDRESS:
 448 JACOBS RIDGE ROAD
 PIPPA PASSES, KNOTT CO., KY 41844

LEASE AREA: 4000 SF

PROPERTY OWNER:
 AFO JEAN JACOBS
 P.O. BOX 92
 PIPPA PASSES, KENTUCKY 41844

PARCEL NUMBER: 076-00-00-008.00

SOURCE OF TITLE:
 DEED BOOK 267 PAGE 416

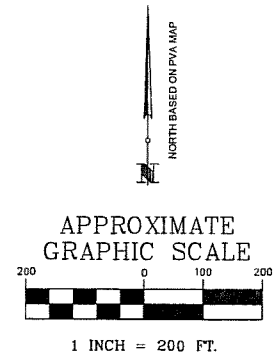
LATITUDE: 37° 20' 33.17" N
 LONGITUDE: 82° 53' 00.004" W

NO.	REVISION/ISSUE	DATE
1		
2		
3		
4		
5		

TITLE:
 COMMUNICATIONS
 SITE SURVEY

SHEET:

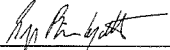
C-1



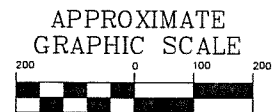
THIS MAP IS FOR GENERAL
INFORMATIONAL PURPOSES ONLY
AND IS NOT A BOUNDARY SURVEY

GENERAL NOTE:

All information shown hereon was obtained from records of the Knott County, Kentucky, Property Valuation Administration Office on 3/27/2014. The Property Valuation Administration records may not reflect the current owners and address due to the inaccuracies and time lapse in updating files. The Knott County Property Valuation Administration expressly disclaims any warranty for the content and any errors contained in their files.


George Brian Wyatt, PL5 2328 April 9, 2014 Date

- ① PARCEL NUMBER: 070-00-00-008.00
Afo Jean Jacobs
P.O. Box 92
Pippa Passes, Kentucky 41844
- ② PARCEL NUMBER: 070-00-00-008.01
The Truck Store, Inc.
P.O. Box 991
Hindman, Kentucky 41822
- ③ PARCEL NUMBER: 079-00-00-051.00
Alice Lloyd College
100 Purpose Road
Pippa Passes, Kentucky 41844
- ④ PARCEL NUMBER: 070-00-00-009.00
Burnis & Mary Lois Jacobs
P.O. Box 33
Pippa Passes, Kentucky 41844
- ⑤ PARCEL NUMBER: 070-00-00-005.00
Kurt & Lisa Sandlin
P.O. Box 174
Pippa Passes, Kentucky 41844
- ⑥ PARCEL NUMBER: 070-00-00-009.01
Allison Jacobs
P.O. Box 33
Pippa Passes, Kentucky 41844
- ⑦ PARCEL NUMBER: 070-00-00-010.00
Glenna Jacobs Gross
P.O. Box 456
Loyal, Kentucky 40854
- ⑧ PARCEL NUMBER: 070-00-00-007.00
Donald G. & Kathy H. Mullins
P.O. Box 125
Garner, Kentucky 41847



1 INCH = 200 FT.



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



SITE NAME: ALICE LLOYD

SITE I.D.: KYALU5157

SITE ADDRESS: 448 JACOBS RIDGE ROAD
PIPPA PASSES, KNOTT CO., KY 41844

LEASE AREA: 4000 SF

PROPERTY OWNER:
AFO JEAN JACOBS
P.O. BOX 92
PIPPA PASSES, KENTUCKY 41844

PARCEL NUMBER: 070-00-00-008.00

SOURCE OF TITLE:
DEED BOOK 267 PAGE 416

LATITUDE: 37° 20' 33.171" N
LONGITUDE: 82° 53' 00.001" W

NO.	REVISION/ISSUE	DATE
1		
2		
3		
4		
5		

TITLE:
COMMUNICATIONS
SITE SURVEY

SHEET:
C-1A

EXHIBIT N
COPY OF POSTED NOTICES

SITE NAME: ALICE LLOYD
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. 2014-00098 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. 2014-00098 in your correspondence.



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

VIA TELEFAX: 606-785-0105

The Troublesome Creek Times
Attn: Sharon Hall
27 E. Main St.
P.O. Box 1500
Hindman, KY 41822

RE: Legal Notice Advertisement
Site Name: Alice Lloyd

Dear Ms. Riddle:

Please publish the following legal notice advertisement in the next edition of *The Troublesome Creek Times*:

NOTICE

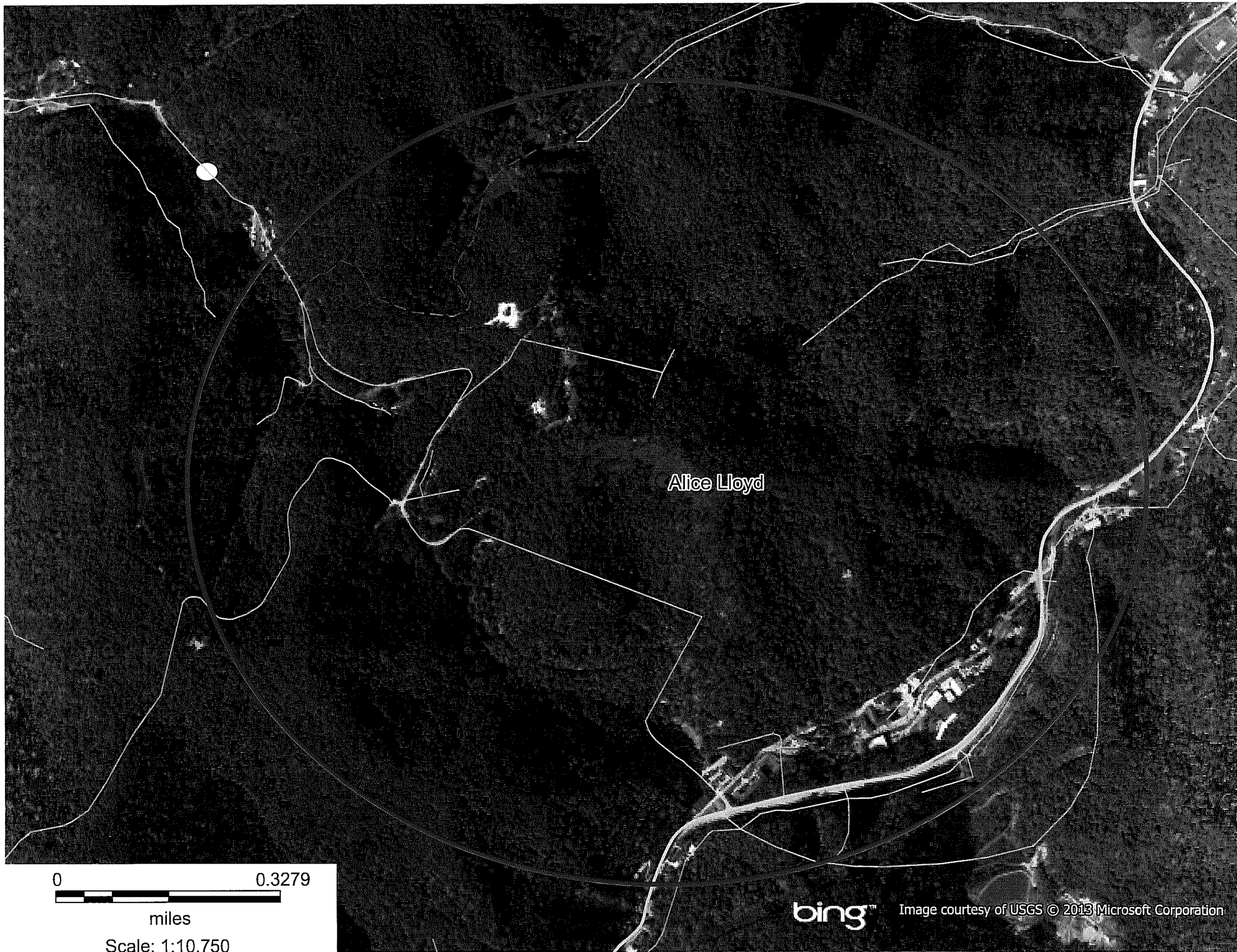
New Cingular Wireless PCS, LLC, a Delaware limited liability company, d/b/a AT&T Mobility has filed an application with the Kentucky Public Service Commission ("PSC") to construct a new wireless communications facility on a site located at 448 Jacobs Ridge Road, Pippa Passes, Kentucky 41844 (37°20'33.171" North latitude, 82°53'00.004" 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 2014-00098 in any correspondence sent in connection with this matter.

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

Sincerely,

Aaron L. Roof
Pike Legal Group, PLLC

EXHIBIT O
COPY OF RADIO FREQUENCY DESIGN SEARCH AREA



Alice Lloyd

0 0.3279



miles

Scale: 1:10.750

bing™

Image courtesy of USGS © 2013 Microsoft Corporation