PIKE LEGAL

1578 Highway 44 East, Suite 6
P.O. Box 369
Shepherdsville, KY 40165-0369
Phone (502) 955-4400 or (800) 516-4293
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March 6, 2008

VIA EXPRESS MAIL

Kentucky Public Service Commission
Attn: Michael F. Burford
Director, Division of Filings
211 Sower Blvd.
P.O. Box 615
Frankfort, KY 40602-0615

RE: Application to Construct Wireless Communications Facility
Location: Glasgow Road, Marrowbone, Kentucky 42759
Applicant: Wireless Properties, LLC
Site Name: Glasgow Road Marrowbone
Case No.: 2008-00070

Dear Mr. Burford:

On behalf of our client, Wireless Properties, LLC, we are submitting the enclosed original and five (5) copies of an Application for Certificate of Public Convenience and Necessity for Construction of a Wireless Communications Facility in an area of Cumberland County outside the jurisdiction of a planning commission. I have also enclosed two (2) additional copies of this cover letter. Thank you for your assistance and do not hesitate to contact me if you have any comments or questions concerning this matter.

Sincerely,

David A. Pike
Attorney for Wireless Properties, LLC

enclosures

COMMONWEALTH OF KENTUCKY
BEFORE THE PUBLIC SERVICE COMMISSION

In the Matter of:

THE APPLICATION OF WIRELESS PROPERTIES, LLC	)	
FOR ISSUANCE OF A CERTIFICATE OF PUBLIC	)	
CONVENIENCE AND NECESSITY TO CONSTRUCT	)	
A WIRELESS COMMUNICATIONS FACILITY AT	)	CASE NO.: 2008-00070
GLASGOW ROAD, MARROWBONE, KENTUCKY 42759	)	
IN THE WIRELESS COMMUNICATIONS LICENSE AREA	)	
IN THE COMMONWEALTH OF KENTUCKY	)	
IN THE COUNTY OF CUMBERLAND	)	

SITE NAME: GLASGOW ROAD MARROWBONE

* * * * * * *

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

Wireless Properties, LLC ("Applicant"), by counsel, pursuant to (i) KRS §§ 278.020, 278.040, 278.650, 278.665 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 area with wireless telecommunications services. As further detailed in the application, Cumberland Cellular Partnership, d/b/a Bluegrass Cellular, ("Bluegrass Cellular") intends to locate its equipment on the structure.

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

1. The complete name and address of the Applicant:

Wireless Properties, LLC

707 Republic Centre
633 Chestnut Street
Chattanooga, TN 37450

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

3. A copy of the Applicant's Certificate of Authority on file with the Kentucky Secretary of State is attached as part of **Exhibit A**.

4. The proposed WCF will serve an area completely within the Bluegrass Cellular's Federal Communications Commission ("FCC") licensed service area in the Commonwealth of Kentucky. A copy of the Bluegrass Cellular's FCC license to provide wireless services is attached to this Application or described as part of **Exhibit A**.

5. The public convenience and necessity require the construction of the proposed WCF. The construction of the WCF will bring or improve the Bluegrass Cellular's services to an area currently not served or not adequately served by the Bluegrass Cellular by increasing coverage or capacity and thereby enhancing the public's access to innovative and competitive wireless telecommunications services. The WCF will provide a necessary link in the Bluegrass Cellular's telecommunications network that is designed to meet the increasing demands for wireless services in Kentucky's wireless communications licensed area. The WCF is an integral link in the Bluegrass Cellular'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 Glasgow Road, Marrowbone, Kentucky 42759 (36-49-54.0 North latitude, 85-30-26.8 West longitude), in an area located entirely within the county referenced in the caption of this application. The property on which the WCF will be located is held in fee simple by William Garmon & Nancy Daughtery, pursuant to a Deed recorded at Deed Book 128, Page 314 in the office of the Cumberland County Clerk. The proposed WCF will consist of a 250-foot tall tower. The WCF will also include concrete foundations to accommodate the placement of Bluegrass Cellular's proprietary radio electronics equipment. The equipment will be housed in a prefabricated cabinet or shelter that will contain: (i) the transmitting and receiving equipment required to connect the WCF with Bluegrass Cellular's users in Kentucky, (ii) telephone lines that will link the WCF with Bluegrass Cellular's other facilities, (iii) battery back-up that will allow Bluegrass Cellular to operate even after a loss of outside power, and (iv) all other necessary appurtenances. Bluegrass Cellular'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**. Periodic inspections will be performed on the WCF in accordance with the applicable regulations or requirements of the PSC.

7. A list of competing utilities, corporations, or persons is attached as **Exhibit D,** along with three (3) maps 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 Bluegrass Cellular and future antenna mounts, has also been included as part of **Exhibit B**. Foundation design plans and a description of the standards according to which the tower was designed, and which have been signed and sealed by a professional engineer registered in Kentucky, are included as part of **Exhibit C**.

9. The process that was used by Bluegrass Cellular'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. Bluegrass Cellular's radio frequency engineers have conducted studies and tests in order to develop a highly efficient network that is designed to serve the Federal Communications Commission licensed 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 Bluegrass Cellular. Before beginning the site acquisition process, Applicant carefully evaluated locations within the search area for co-location opportunities on existing structures, and no suitable towers or other existing tall structures were found in the immediate area that would meet the technical requirements for the element of the

telecommunications network to be provided by the proposed facility. 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 E**. 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 Bluegrass Cellular's antennas on an existing structure. Bluegrass Cellular has attempted to co-locate on suitable existing structures such as telecommunications towers or other suitable structures capable of supporting Bluegrass Cellular's facilities, and no other suitable or available co-location site was found to be located in the vicinity of the site.

10. FAA notice is required for the proposed construction and lighting or marking requirements may be applicable to this facility. A copy of the pending application to the FAA for a Determination of No Hazard to Air Navigation is attached as **Exhibit F**.

11. A copy of the pending application to the Kentucky Airport Zoning Commission ("KAZC") for approval for the proposed WCF is attached as **Exhibit G**.

12. The WCF will be registered with the FCC pursuant to applicable federal requirements. Appropriate required FCC signage will be posted on the site upon receipt of the tower registration number.

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 and evaluation, 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** is included as part of this exhibit.

15. The Applicant, pursuant to a written Lease Agreement between Applicant and landowner, has acquired the right to use the wireless communications facility site and associated property rights. A redacted copy of the Lease Agreement is attached as **Exhibit J.** The agreement provides for removal of the facility in the event it is not longer utilized.

16. Personnel directly responsible for the design and construction of the proposed WCF are well qualified and experienced. Sabre ("Tower Manufacturer") performed the tower and foundation design. The tower and foundation drawings for the proposed tower submitted as part of **Exhibit C** bear the signature and stamp of Amy R. Herbst, a professional engineer registered in the Commonwealth of Kentucky. All tower designs meet or exceed applicable laws and regulations.

17. The Project Manager for the proposed facility is Wireless Properties, LLC, and the identity and qualifications of each person directly responsible for construction of the proposed tower are contained as part of **Exhibit B**.

18. Based on a review of Federal Emergency Management Agency Flood

Insurance Rate Maps, the registered land surveyor has noted in **Exhibit B** that the proposed WCF is not located within any flood hazard area.

19. The possibility of high winds has been considered in the design of this tower. The tower has been designed and engineered by professional engineers using computer assistance and the same accepted codes and standards as are typically used for high-rise building construction. The tower design is in accordance with ANSI/EIA-222-G standards, for wind loads.

20. The site development plan signed and sealed by a professional engineer registered in Kentucky was prepared by Walter C. Martin. The site survey was performed by Walter C. Martin. Sheet 1 of 1 of **Exhibit B** is drawn to a scale of no less than one (1) inch equals 200 feet, 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**.

21. 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. All notified property owners have been given the docket number under which the proposed Application will be processed and have been informed of their right to request intervention. A list of the nearby property owners who received the notices, together with copies of the certified letters, are attached as **Exhibit K**

and **Exhibit L**, respectively.

22. Applicant has notified the Cumberland 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 Cumberland County Judge/Executive of his/her right to request intervention. A copy of this notice is attached as **Exhibit M**.

23. Two notice signs meeting the requirements prescribed by 807 KAR 5:063, Section 1(2), that measure at least two (2) feet in height and four (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 (2) 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 also been published in a newspaper of general circulation in the county in which the WCF is proposed to be located.

24. The general area where the proposed facility is to be located is agricultural. There is an existing tower on the site that does not meet the engineering requirements of the project. It will be removed and replaced with the proposed structure.

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

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

David A. Pike
Pike Legal Group, PLLC
1578 Highway 44 East, Suite 6

P. O. Box 369
Shepherdsville, KY 40165-0369
Telephone: (502) 955-4400
Telefax: (502) 543-4410

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

Respectfully submitted,

David A. Pike
Pike Legal Group, PLLC
1578 Highway 44 East, Suite 6
P. O. Box 369
Shepherdsville, KY 40165-0369
Telephone: (502) 955-4400
Telefax: (502) 543-4410
Attorney for Wireless Properties, LLC

LIST OF EXHIBITS

A - Certificate of Authority and 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 - Copy of Radio Frequency Design Search Area

F - FAA Application

G - Kentucky Airport Zoning Commission Application

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

EXHIBIT A
CERTIFICATE OF AUTHORITY AND
FCC LICENSE DOCUMENTATION

COMMONWEALTH OF KENTUCKY
TREY GRAYSON
SECRETARY OF STATE

0669625.06 Dcornish L902

Trey Grayson
Secretary of State
Received and Filed
07/26/2007 12:37:29 PM
Fee Receipt: $90.00

APPLICATION FOR CERTIFICATE OF AUTHORITY

Pursuant to the provisions of KRS Chapter 275, the undersigned hereby applies for authority to transact business in Kentucky on behalf of the limited liability company named below and for that purpose submits the following statements:

1. The company is [X] a limited liability company (LLC).
   [ ] a professional limited liability company (PLLC).

2. The name of the limited liability company is
   WIRELESS PROPERTIES, LLC.

3. The name of the limited liability company to be used in Kentucky is
   WIRELESS PROPERTIES, LLC.
   (if "real name" is unavailable for use)

4. DELAWARE is the state or country of organization.

5. OCTOBER 1, 2004 is the date of organization and, if the limited liability company has a specific date of dissolution, the latest date upon which the limited liability company is to dissolve is (N/A).

6. The street address of the office required to be maintained in the state of formation or, if not so required, the principal office address is

Street	City	State	Zip Code
707 REPUBLIC CENTRE, 633 CHESTNUT STREET	CHATTANOOGA	TN	37450

7. The names and usual business addresses of the current managers, if any, are as follows:

Name	Address
G. Larry Wells	707 Republic Centre, 633 Chestnut St, Chatt TN 37450

(Attach a continuation, if necessary)

8. The street address of the registered office in Kentucky is

Street	City	State	Zip Code
Kentucky Home Life Building,	Louisville,	Kentucky	40202

and the name of the registered agent at that office is
C T Corporation System.

9. This application will be effective upon filing, unless a delayed effective date and/or time is specified:

(Delayed effective date and/or time)

I certify that, as of the date of filing this application, the above-named limited liability company validly exists as a limited liability company under the laws of the jurisdiction of its formation.

Signature

G. LARRY WELLS / PRESIDENT
Type or Print Name & Title

Date: JUNE 26, 20 07

I, C T Corporation System, consent to serve as the registered agent on behalf of the limited liability company.
Type or print name of registered agent

Signature of Registered Agent

Type or Print Name & Title

SLL-902 (2/98)

(See attached sheet for instructions)

MARY R. ADAMS
ASSISTANT SECRETARY

KY038 - 11/15/04 C T System Online

Federal Communications Commission
Wireless Telecommunications Bureau

Radio Station Authorization (Reference Copy)

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

Licensee: CUMBERLAND CELLULAR PARTNERSHIP d/b/a BLUEGRASS CELLULAR

CUMBERLAND CELLULAR PARTNERSHIP d/b/a BLUEGRASS CELLULAR
PO Box 5012
Elizabethtown, KY 42702-5012

	FCC Registration Number (FRN): 0001786409
	Call Sign: KNKN814 / **File Number:** 0000195721
	Radio Service: CL - Cellular
	Market Number: CMA447 / **Channel Block:** B
Market Name: Kentucky 5 - Barren	**Sub-Market Designator:** 0

Grant Date	Effective Date	Expiration Date	Five Yr Build-Out Date	Print Date
09/06/2000	10/12/2005	10/01/2010	04/30/1996	02/28/2008

Site Information

Location	Latitude	Longitude	Ground Elevation (meters)	Structure Hgt to Tip (meters)		Antenna Structure Registration No.
1	37-06-37.0 N	085-58-40.0 W	320.0	82.3		1205611
Address			**City**	**County**	**State**	**Construction Deadline**
Prewitt's Knob, 4.8 km WSW of			CAVE CITY	BARREN	KY	

Antenna: 1 Azimuth (degrees from true north)	**0°**	**45°**	**90°**	**135°**	**180°**	**225°**	**270°**	**315°**
Antenna Height AAT (meters)	179.2	193.9	184.8	162.3	191.9	184.5	177.8	165.9
Transmitting ERP (watts)	117.270	79.280	7.230	0.480	0.240	0.630	6.590	77.480
Antenna: 2 Azimuth (degrees from true north)	**0°**	**45°**	**90°**	**135°**	**180°**	**225°**	**270°**	**315°**
Antenna Height AAT (meters)	179.2	193.9	184.8	162.3	191.9	184.5	177.8	165.9
Transmitting ERP (watts)	1.150	17.350	109.440	117.270	43.570	2.570	0.390	0.240
Antenna: 3 Azimuth (degrees from true north)	**0°**	**45°**	**90°**	**135°**	**180°**	**225°**	**270°**	**315°**
Antenna Height AAT (meters)	179.2	193.9	184.8	162.3	191.9	184.5	177.8	165.9

Transmitting ERP (watts)	0.950	0.240	0.390	2.510	41.610	117.270	106.950	18.970

Location	Latitude	Longitude	Ground Elevation (meters)	Structure Hgt to Tip (meters)		Antenna Structure Registration No.
2	37-03-16.0 N	085-05-15.0 W	335.3	66.4		1060800
Address			**City**	**County**	**State**	**Construction Deadline**
1.6 km WNW of the intersec. of Cumberland Pkwy & US Hwy 127			RUSSELL SPRINGS	RUSSELL	KY	

Antenna: 1 Azimuth (degrees from true north)	**0°**	**45°**	**90°**	**135°**	**180°**	**225°**	**270°**	**315°**
Antenna Height AAT (meters)	113.3	103.6	104.0	125.0	118.8	115.0	137.8	105.6
Transmitting ERP (watts)	36.000	36.000	36.000	36.000	36.000	36.000	36.000	36.000

Location	Latitude	Longitude	Ground Elevation (meters)	Structure Hgt to Tip (meters)		Antenna Structure Registration No.
3	37-19-27.0 N	085-55-08.0 W	288.0	82.3		1043058
Address			**City**	**County**	**State**	**Construction Deadline**
DIVIDING RIDGE; 5.6 KM NNW			MUNFORDVILLE	HART	KY	

Antenna: 1 Azimuth (degrees from true north)	**0°**	**45°**	**90°**	**135°**	**180°**	**225°**	**270°**	**315°**
Antenna Height AAT (meters)	134.9	131.5	136.6	170.6	162.5	148.4	144.2	157.2
Transmitting ERP (watts)	80.000	80.000	80.000	80.000	80.000	80.000	80.000	80.000

Location	Latitude	Longitude	Ground Elevation (meters)	Structure Hgt to Tip (meters)		Antenna Structure Registration No.
4	36-58-37.0 N	085-53-48.0 W	267.0	128.9		1202695
Address			**City**	**County**	**State**	**Construction Deadline**
Temple hill Road, 4.16 mi southeast of Glasgow Municipal Airport			GLASGOW	BARREN	KY	

Antenna: 1 Azimuth (degrees from true north)	**0°**	**45°**	**90°**	**135°**	**180°**	**225°**	**270°**	**315°**
Antenna Height AAT (meters)	147.2	128.8	106.5	137.6	143.9	180.2	170.6	155.7
Transmitting ERP (watts)	97.720	66.070	6.030	0.400	0.200	0.520	5.500	64.570
Antenna: 2 Azimuth (degrees from true north)	**0°**	**45°**	**90°**	**135°**	**180°**	**225°**	**270°**	**315°**
Antenna Height AAT (meters)	147.2	128.8	106.5	137.6	143.9	180.2	170.6	155.7
Transmitting ERP (watts)	0.950	14.450	91.200	97.720	36.310	2.140	0.320	0.200
Antenna: 3 Azimuth (degrees from true north)	**0°**	**45°**	**90°**	**135°**	**180°**	**225°**	**270°**	**315°**
Antenna Height AAT (meters)	147.2	128.8	106.5	137.6	143.9	180.2	170.6	155.7
Transmitting ERP (watts)	0.790	0.200	0.320	2.090	34.670	97.720	89.130	15.810

Location	Latitude	Longitude	Ground Elevation (meters)	Structure Hgt to Tip (meters)	Antenna Structure Registration No.

5	36-53-50.0 N	084-57-27.0 W	294.1	128.0	1200492

Address	City	County	State	Construction Deadline
Lake Cumberland, 11.3 km NW of	MONTICELLO	WAYNE	KY	

Antenna: 1 Azimuth (degrees from true north)	0°	45°	90°	135°	180°	225°	270°	315°
Antenna Height AAT (meters)	153.3	156.7	129.2	85.7	128.3	152.1	180.5	161.3
Transmitting ERP (watts)	4.700	4.400	8.200	50.600	127.400	160.300	108.400	38.500

Location	Latitude	Longitude	Ground Elevation (meters)	Structure Hgt to Tip (meters)	Antenna Structure Registration No.
6	36-59-41.0 N	085-33-38.0 W	310.0	128.0	1043059

Address	City	County	State	Construction Deadline
Hickory Ridge	Edmonton	METCALFE	KY	

Antenna: 1 Azimuth (degrees from true north)	0°	45°	90°	135°	180°	225°	270°	315°
Antenna Height AAT (meters)	189.3	185.9	145.4	169.4	181.6	164.0	171.6	183.8
Transmitting ERP (watts)	63.400	63.400	63.400	63.400	63.400	63.400	63.400	63.400

Location	Latitude	Longitude	Ground Elevation (meters)	Structure Hgt to Tip (meters)	Antenna Structure Registration No.
7	36-43-21.4 N	085-07-37.2 W	410.8	77.7	1239784

Address	City	County	State	Construction Deadline
Mountain Lane	Albany	CLINTON	KY	

Antenna: 1 Azimuth (degrees from true north)	0°	45°	90°	135°	180°	225°	270°	315°
Antenna Height AAT (meters)	232.4	180.0	104.2	160.4	219.6	214.6	201.9	208.6
Transmitting ERP (watts)	50.000	50.000	50.000	50.000	50.000	50.000	50.000	50.000

Location	Latitude	Longitude	Ground Elevation (meters)	Structure Hgt to Tip (meters)	Antenna Structure Registration No.
8	36-41-54.0 N	085-41-07.0 W	286.5	90.2	1065560

Address	City	County	State	Construction Deadline
403 Martin Subdivision	Tompkinsville	MONROE	KY	

Antenna: 1 Azimuth (degrees from true north)	0°	45°	90°	135°	180°	225°	270°	315°
Antenna Height AAT (meters)	91.1	102.4	166.6	106.3	91.8	124.6	107.9	97.4
Transmitting ERP (watts)	100.000	100.000	100.000	100.000	100.000	100.000	100.000	100.000

Location	Latitude	Longitude	Ground Elevation (meters)	Structure Hgt to Tip (meters)	Antenna Structure Registration No.
9	36-42-45.0	084-29-53.0 W	388.0	128.0	1043060

	N				
Address		**City**	**County**	**State**	**Construction Deadline**
2.7 KM SOUTHWEST OF		Whitley City	MCCREARY	KY	

Antenna: 1 Azimuth (degrees from true north)	**0°**	**45°**	**90°**	**135°**	**180°**	**225°**	**270°**	**315°**
Antenna Height AAT (meters)	149.4	173.5	147.6	117.1	129.6	170.1	177.4	223.1
Transmitting ERP (watts)	75.000	75.000	75.000	75.000	75.000	75.000	75.000	75.000

Location	**Latitude**	**Longitude**	**Ground Elevation (meters)**	**Structure Hgt to Tip (meters)**		**Antenna Structure Registration No.**
10	37-07-32.0 N	085-18-48.0 W	243.2	128.0		1043061
Address			**City**	**County**	**State**	**Construction Deadline**
APPROXIMATELY 2.1 KM NORTH OF			COLUMBIA	ADAIR	KY	

Antenna: 1 Azimuth (degrees from true north)	**0°**	**45°**	**90°**	**135°**	**180°**	**225°**	**270°**	**315°**
Antenna Height AAT (meters)	128.2	130.4	98.4	129.2	107.8	119.4	166.0	134.6
Transmitting ERP (watts)	54.100	54.100	54.100	54.100	54.100	54.100	54.100	54.100

Location	**Latitude**	**Longitude**	**Ground Elevation (meters)**	**Structure Hgt to Tip (meters)**		**Antenna Structure Registration No.**
11	36-47-11.0 N	085-23-02.0 W	261.5	96.0		1040490
Address			**City**	**County**	**State**	**Construction Deadline**
0.8 KM WEST OF			BURKESVILLE	CUMBERLAND	KY	

Antenna: 1 Azimuth (degrees from true north)	**0°**	**45°**	**90°**	**135°**	**180°**	**225°**	**270°**	**315°**
Antenna Height AAT (meters)	119.6	140.8	97.9	95.1	90.1	153.7	154.7	126.8
Transmitting ERP (watts)	100.000	100.000	100.000	100.000	100.000	100.000	100.000	100.000

Location	**Latitude**	**Longitude**	**Ground Elevation (meters)**	**Structure Hgt to Tip (meters)**		**Antenna Structure Registration No.**
12	36-58-45.0 N	085-03-45.0 W	298.7	31.1		
Address			**City**	**County**	**State**	**Construction Deadline**
APPROX. 1.0 KM SOUTH OF			JAMESTOWN	RUSSELL	KY	

Antenna: 1 Azimuth (degrees from true north)	**0°**	**45°**	**90°**	**135°**	**180°**	**225°**	**270°**	**315°**
Antenna Height AAT (meters)	11.9	33.9	55.8	84.5	82.9	72.6	43.3	42.1
Transmitting ERP (watts)	35.300	35.300	35.300	35.300	35.300	35.300	35.300	35.300

Location	**Latitude**	**Longitude**	**Ground Elevation (meters)**	**Structure Hgt to Tip (meters)**	**Antenna Structure Registration No.**
13	36-48-34.0 N	084-50-46.0 W	469.4	61.0	1004214

Address	City	County	State	Construction Deadline
3.2 KM SSE OF	MONTICELLO	WAYNE	KY	

Antenna: 1 Azimuth (degrees from true north)	0°	45°	90°	135°	180°	225°	270°	315°
Antenna Height AAT (meters)	228.6	182.2	197.2	200.5	184.4	184.4	224.9	236.2
Transmitting ERP (watts)	54.700	60.000	45.500	19.000	14.400	19.000	45.500	60.000

Location	Latitude	Longitude	Ground Elevation (meters)	Structure Hgt to Tip (meters)	Antenna Structure Registration No.
15	36-48-09.1 N	085-49-35.8 W	307.8	128.0	1215547

Address	City	County	State	Construction Deadline
Within the City Limits of	Mt. Hermon	MONROE	KY	

Antenna: 1 Azimuth (degrees from true north)	0°	45°	90°	135°	180°	225°	270°	315°
Antenna Height AAT (meters)	207.5	178.1	164.4	159.6	175.8	190.2	206.7	185.3
Transmitting ERP (watts)	50.000	50.000	50.000	50.000	50.000	50.000	50.000	50.000

Location	Latitude	Longitude	Ground Elevation (meters)	Structure Hgt to Tip (meters)	Antenna Structure Registration No.
16	37-11-42.5 N	085-57-13.0 W	267.6	99.1	1224165

Address	City	County	State	Construction Deadline
Highway 31 E	Horse Cave	HART	KY	

Antenna: 1 Azimuth (degrees from true north)	0°	45°	90°	135°	180°	225°	270°	315°
Antenna Height AAT (meters)	144.6	161.7	141.6	143.1	128.8	110.8	132.4	144.3
Transmitting ERP (watts)	75.000	75.000	75.000	75.000	75.000	75.000	75.000	75.000

Location	Latitude	Longitude	Ground Elevation (meters)	Structure Hgt to Tip (meters)	Antenna Structure Registration No.
17	36-53-08.5 N	086-01-21.5 W	219.5	77.7	1229912

Address	City	County	State	Construction Deadline
Barren River Lake, 1450 meters SE of	Lucas	BARREN	KY	

Antenna: 1 Azimuth (degrees from true north)	0°	45°	90°	135°	180°	225°	270°	315°
Antenna Height AAT (meters)	89.9	84.5	73.2	82.1	90.1	80.0	124.2	101.2
Transmitting ERP (watts)	75.000	75.000	75.000	75.000	75.000	75.000	75.000	75.000

Location	Latitude	Longitude	Ground Elevation (meters)	Structure Hgt to Tip (meters)	Antenna Structure Registration No.
18	37-04-08.3 N	084-59-07.6 W	301.8	58.0	

Address	City	County	State	Construction Deadline

Russell East cell, in the town of	Salem	RUSSELL	KY

Antenna: 1 Azimuth (degrees from true north)	**0°**	**45°**	**90°**	**135°**	**180°**	**225°**	**270°**	**315°**
Antenna Height AAT (meters)	81.0	40.3	49.9	91.7	90.2	70.3	49.0	56.8
Transmitting ERP (watts)	100.000	100.000	100.000	100.000	100.000	100.000	100.000	100.000

Location	**Latitude**	**Longitude**	**Ground Elevation (meters)**	**Structure Hgt to Tip (meters)**		**Antenna Structure Registration No.**
19	37-01-53.2 N	086-02-59.7 W	230.1	53.3		
Address			**City**	**County**	**State**	**Construction Deadline**
Barren West cell, 1.1 km SE of intersection of Route 255 and Cumberland Parkway			Bon Ayr	BARREN	KY	

Antenna: 1 Azimuth (degrees from true north)	**0°**	**45°**	**90°**	**135°**	**180°**	**225°**	**270°**	**315°**
Antenna Height AAT (meters)	55.7	67.5	70.6	70.2	84.7	80.4	76.1	77.4
Transmitting ERP (watts)	100.000	100.000	100.000	100.000	100.000	100.000	100.000	100.000

Location	**Latitude**	**Longitude**	**Ground Elevation (meters)**	**Structure Hgt to Tip (meters)**		**Antenna Structure Registration No.**
20	36-59-57.9 N	085-42-14.4 W	304.8	38.1		
Address			**City**	**County**	**State**	**Construction Deadline**
Barren East cell, 1.5 km ESE of			Wisdom	METCALFE	KY	

Antenna: 1 Azimuth (degrees from true north)	**0°**	**45°**	**90°**	**135°**	**180°**	**225°**	**270°**	**315°**
Antenna Height AAT (meters)	83.3	114.1	78.9	77.0	55.5	93.6	87.4	91.5
Transmitting ERP (watts)	150.000	150.000	150.000	150.000	150.000	150.000	150.000	150.000

Location	**Latitude**	**Longitude**	**Ground Elevation (meters)**	**Structure Hgt to Tip (meters)**		**Antenna Structure Registration No.**
21	36-52-38.0 N	085-39-59.1 W	347.5	42.4		
Address			**City**	**County**	**State**	**Construction Deadline**
5 km east of			Summer Shade	METCALFE	KY	

Antenna: 1 Azimuth (degrees from true north)	**0°**	**45°**	**90°**	**135°**	**180°**	**225°**	**270°**	**315°**
Antenna Height AAT (meters)	137.4	116.4	133.0	131.4	89.4	109.5	135.6	112.4
Transmitting ERP (watts)	150.000	150.000	150.000	150.000	150.000	150.000	150.000	150.000

Location	**Latitude**	**Longitude**	**Ground Elevation (meters)**	**Structure Hgt to Tip (meters)**	**Antenna Structure Registration No.**
22	37-04-40.0	085-10-28.0 W	299.0	86.9	1048811

	N				
Address		**City**	**County**	**State**	**Construction Deadline**
ADAIR EAST, 7955 RUSSELL SPRINGS ROAD		RUSSELL SPRINGS	ADAIR	KY	

Antenna: 1 Azimuth (degrees from true north)	**0°**	**45°**	**90°**	**135°**	**180°**	**225°**	**270°**	**315°**
Antenna Height AAT (meters)	102.5	66.5	51.1	64.8	79.3	101.7	114.9	89.9
Transmitting ERP (watts)	50.000	50.000	50.000	50.000	50.000	50.000	50.000	50.000

Location	**Latitude**	**Longitude**	**Ground Elevation (meters)**	**Structure Hgt to Tip (meters)**	**Antenna Structure Registration No.**
23	37-00-11.8 N	085-55-24.4 W	245.4	79.2	1223174

Address	**City**	**County**	**State**	**Construction Deadline**
Glasgow Downtown, 105 Lincoln Road	Glasgow	BARREN	KY	

Antenna: 1 Azimuth (degrees from true north)	**0°**	**45°**	**90°**	**135°**	**180°**	**225°**	**270°**	**315°**
Antenna Height AAT (meters)	84.2	76.2	52.3	64.6	83.1	98.9	87.6	89.2
Transmitting ERP (watts)	97.720	66.070	6.030	0.400	0.200	0.520	5.500	64.570
Antenna: 2 Azimuth (degrees from true north)	**0°**	**45°**	**90°**	**135°**	**180°**	**225°**	**270°**	**315°**
Antenna Height AAT (meters)	84.2	76.2	52.3	64.6	83.1	98.9	87.6	89.2
Transmitting ERP (watts)	0.950	14.450	91.200	97.720	36.310	2.140	0.320	0.200
Antenna: 3 Azimuth (degrees from true north)	**0°**	**45°**	**90°**	**135°**	**180°**	**225°**	**270°**	**315°**
Antenna Height AAT (meters)	84.2	76.2	52.3	64.6	83.1	98.9	87.6	89.2
Transmitting ERP (watts)	0.790	0.200	0.320	2.090	34.670	97.720	89.130	15.810

Location	**Latitude**	**Longitude**	**Ground Elevation (meters)**	**Structure Hgt to Tip (meters)**	**Antenna Structure Registration No.**
24	37-02-38.7 N	085-27-43.8 W	296.5	77.7	1242039

Address	**City**	**County**	**State**	**Construction Deadline**
Metcalfe East, 8050 Edmonton Road (KY Hwy 80)	Edmonton	ADAIR	KY	

Antenna: 1 Azimuth (degrees from true north)	**0°**	**45°**	**90°**	**135°**	**180°**	**225°**	**270°**	**315°**
Antenna Height AAT (meters)	161.0	138.8	115.0	99.6	89.9	117.5	121.5	113.2
Transmitting ERP (watts)	77.450	72.730	71.700	71.700	88.370	73.200	74.730	74.400

Location	**Latitude**	**Longitude**	**Ground Elevation (meters)**	**Structure Hgt to Tip (meters)**	**Antenna Structure Registration No.**
25	37-16-37.2 N	085-53-30.2 W	182.9	37.2	

Address	**City**	**County**	**State**	**Construction Deadline**
Munfordville Downtown, water tank in the town of	Munfordville	HART	KY	

Antenna: 1 Azimuth (degrees from true north)	**0°**	**45°**	**90°**	**135°**	**180°**	**225°**	**270°**	**315°**
Antenna Height AAT (meters)	29.9	29.9	29.9	29.9	29.9	29.9	29.9	29.9
Transmitting ERP (watts)	12.200	15.300	6.120	0.840	0.100	0.100	0.390	3.090
Antenna: 2 Azimuth (degrees from true north)	**0°**	**45°**	**90°**	**135°**	**180°**	**225°**	**270°**	**315°**
Antenna Height AAT (meters)	29.9	29.9	29.9	29.9	29.9	29.9	29.9	29.9
Transmitting ERP (watts)	0.100	0.770	5.500	15.380	12.970	3.470	0.400	0.100
Antenna: 3 Azimuth (degrees from true north)	**0°**	**45°**	**90°**	**135°**	**180°**	**225°**	**270°**	**315°**
Antenna Height AAT (meters)	29.9	29.9	29.9	29.9	29.9	29.9	29.9	29.9
Transmitting ERP (watts)	1.620	0.170	0.100	0.170	1.370	8.950	17.260	9.510

Control Points

Control Point No.	Address	City	County	State	Telephone Number
1	316-W LINCOLN TRAIL	RADCLIFF		KY	

Waivers/Conditions

None

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

FCC 601 - C
August 2002

CLOSE WINDOW

EXHIBIT B

SITE DEVELOPMENT PLAN:

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

EXHIBIT C

TOWER AND FOUNDATION DESIGN

Sabre™ Towers & Poles

Structural Design Report

250' S3TL Series HD Self-Supporting Tower
located at: Marrowbone, KY
Site Number: KY-010

prepared for: WIRELESS PROPERTIES LLC
by: Sabre Towers & Poles ™

Job Number: 08-1855-CJP

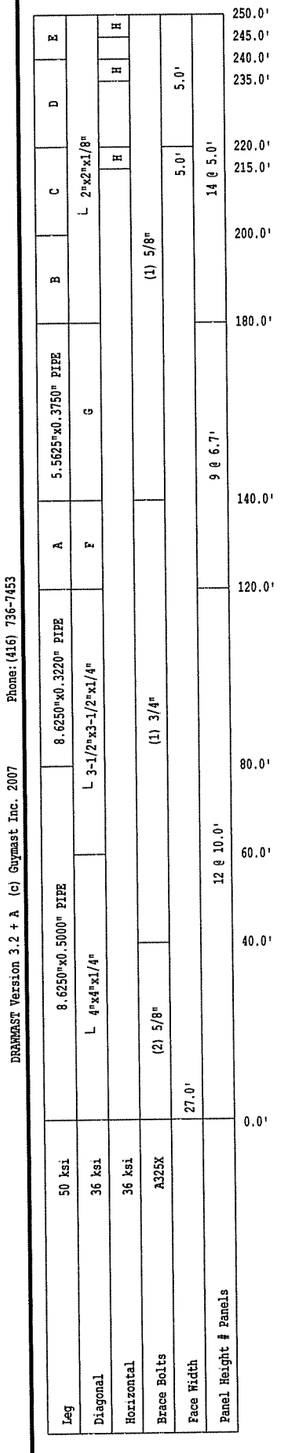
February 6, 2008

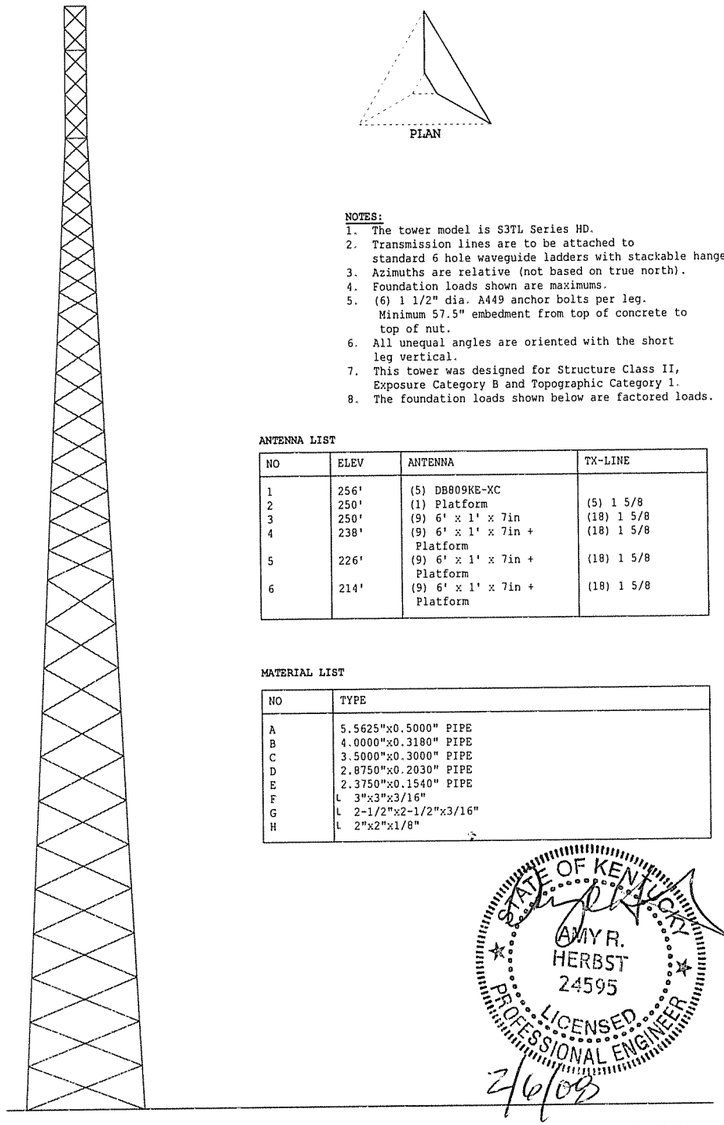
STATE OF KENTUCKY
AMY R. HERBST 24595
LICENSED PROFESSIONAL ENGINEER
2/6/08

Tower by HAC

Foundation by ARH

Approved by ARH





NOTES:
1. The tower model is S3TL Series HD.
2. Transmission lines are to be attached to standard 6 hole waveguide ladders with stackable hangers.
3. Azimuths are relative (not based on true north).
4. Foundation loads shown are maximums.
5. (6) 1 1/2" dia. A449 anchor bolts per leg. Minimum 57.5" embedment from top of concrete to top of nut.
6. All unequal angles are oriented with the short leg vertical.
7. This tower was designed for Structure Class II, Exposure Category B and Topographic Category 1.
8. The foundation loads shown below are factored loads.

ANTENNA LIST

NO	ELEV	ANTENNA	TX-LINE
1	256'	(5) DB809KE-XC	
2	250'	(1) Platform	(5) 1 5/8
3	250'	(9) 6' x 1' x 7in	(18) 1 5/8
4	238'	(9) 6' x 1' x 7in + Platform	(18) 1 5/8
5	226'	(9) 6' x 1' x 7in + Platform	(18) 1 5/8
6	214'	(9) 6' x 1' x 7in + Platform	(18) 1 5/8

MATERIAL LIST

NO	TYPE
A	5.5625"x0.5000" PIPE
B	4.0000"x0.3180" PIPE
C	3.5000"x0.3000" PIPE
D	2.8750"x0.2030" PIPE
E	2.3750"x0.1540" PIPE
F	L 3"x3"x3/16"
G	L 2-1/2"x2-1/2"x3/16"
H	L 2"x2"x1/8"

TOTAL FOUNDATION LOADS

H=76.62 k
V=216.81 k
M=10573.49 k-ft
T=41.53 k-ft

INDIVIDUAL FOOTING LOADS

H=46.61 k
V=481.21 k
U=-415.40 k

Sabre Towers & Poles

Sabre Towers And Poles

2101 Murray Street (P.O. Box 658), Sioux City, IA 51111

Phone: (712) 258-6690 Fax: (712) 258-8250

Client: WIRELESS PROPERTIES LLC | Job No: 08-1855-CJ | Date: 6 feb 2008

Location: Marrowbone, KY | Total Height: 250.00' | Tower Height: 250.00'

Standard: TIA 222-G-2005 | Design Wind & Ice: 90mph 0" ice & 30mph 0.75" ice

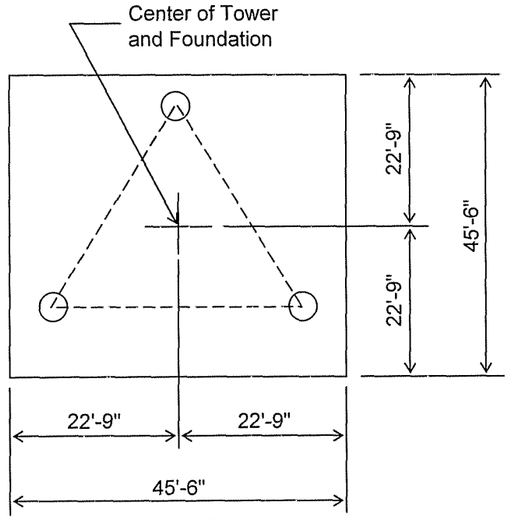
No.: 08-1855-CJP

Date: 2/6/08
By: ARH

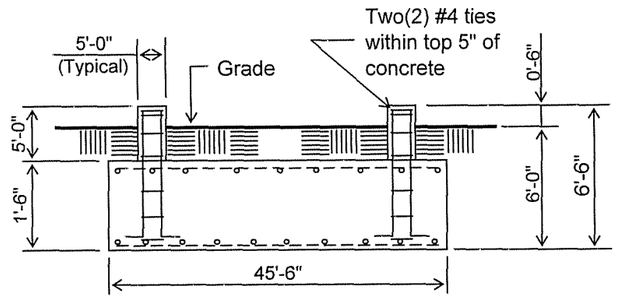
Customer: WIRELESS PROPERTIES LLC
Site: Marrowbone, KY KY-010

250 ft. Model S3TL Series HD Self Supporting Tower At
90 mph Wind with no ice and 30 mph Wind with 0.75 in. Ice per ANSI/TIA-222-G-2005.

PRELIMINARY -NOT FOR CONSTRUCTION-



PLAN VIEW



ELEVATION VIEW

(125.92 Cu. Yds.)
(1 REQUIRED)

Notes:

1). Concrete shall have a minimum 28-day compressive strength of 3000 PSI, in accordance with ACI 318-05.

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

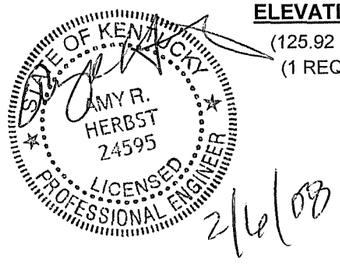
3). All rebar to have a minimum of 3" concrete cover.

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

5). The foundation design is based on the geotechnical report by GEOServices, LLC, project no. 31-081004, dated February 1, 2008.

6). See the geotechnical report for compaction requirements, if specified.

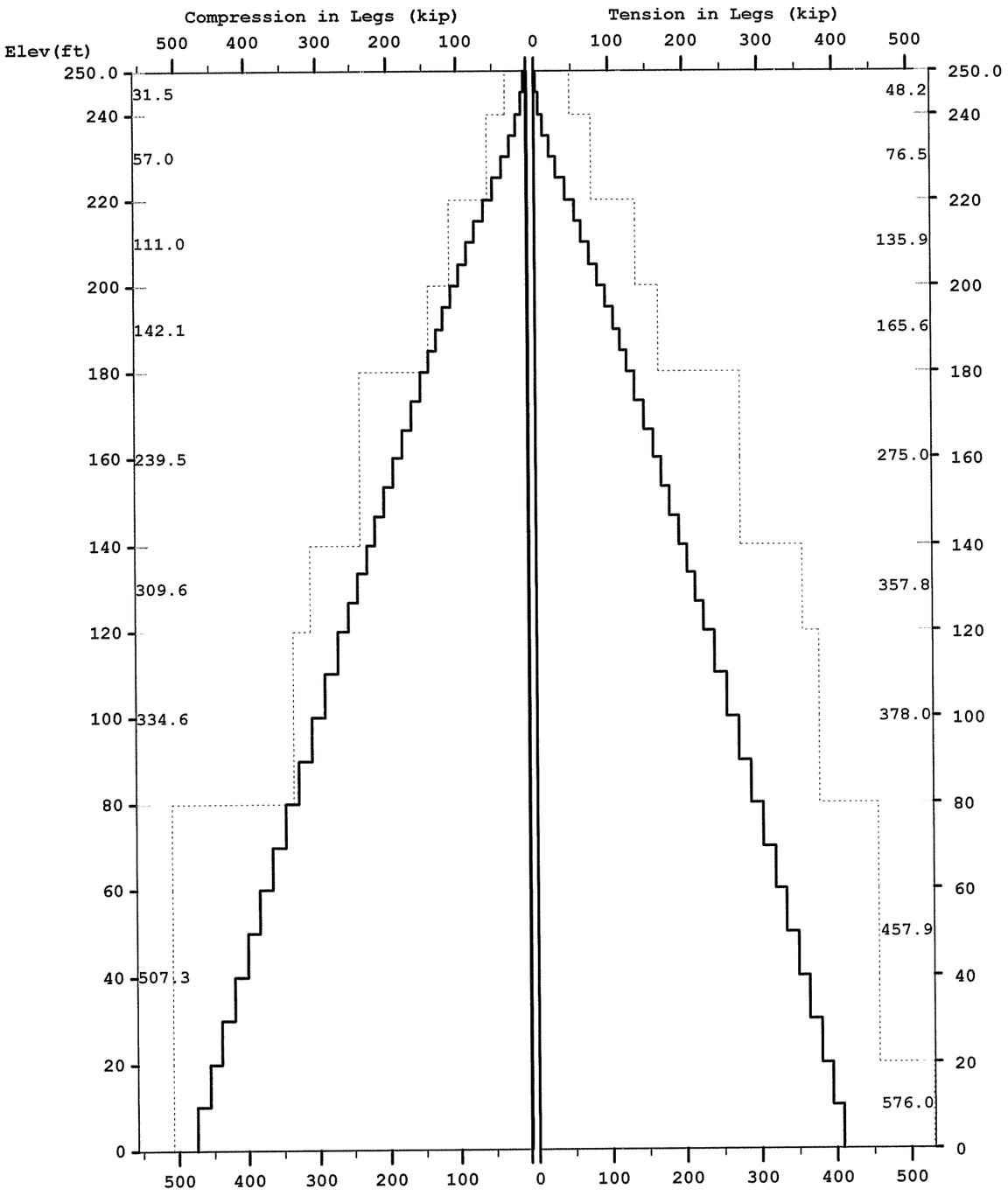
7). The foundation is based on the following factored loads:
Factored download (kips) = 216.81
Factored overturn (kip-ft) = 10573.49
Factored shear (kips) = 76.62



Rebar Schedule per Mat and per Pier	
Pier	(24) #7 vertical rebar w/hooks at bottom w/#4 Rebar ties, two (2) within top 5" of pier then 12" C/C
Mat	(90) #8 horizontal rebar evenly spaced each way top and bottom. (360 total)

2101 Murray St - P.O.Box 658 - Sioux City, IA 51102-0658 - Phone 712.258.6690 - Fax 712.258.8250

Maximum


Compression in Legs (kip)
Tension in Legs (kip)
Elev(ft)
500 400 300 200 100 0 100 200 300 400 500
250.0
240
220
200
180
160
140
120
100
80
60
40
20
0
31.5
57.0
111.0
142.1
239.5
309.6
334.6
507.3
48.2
76.5
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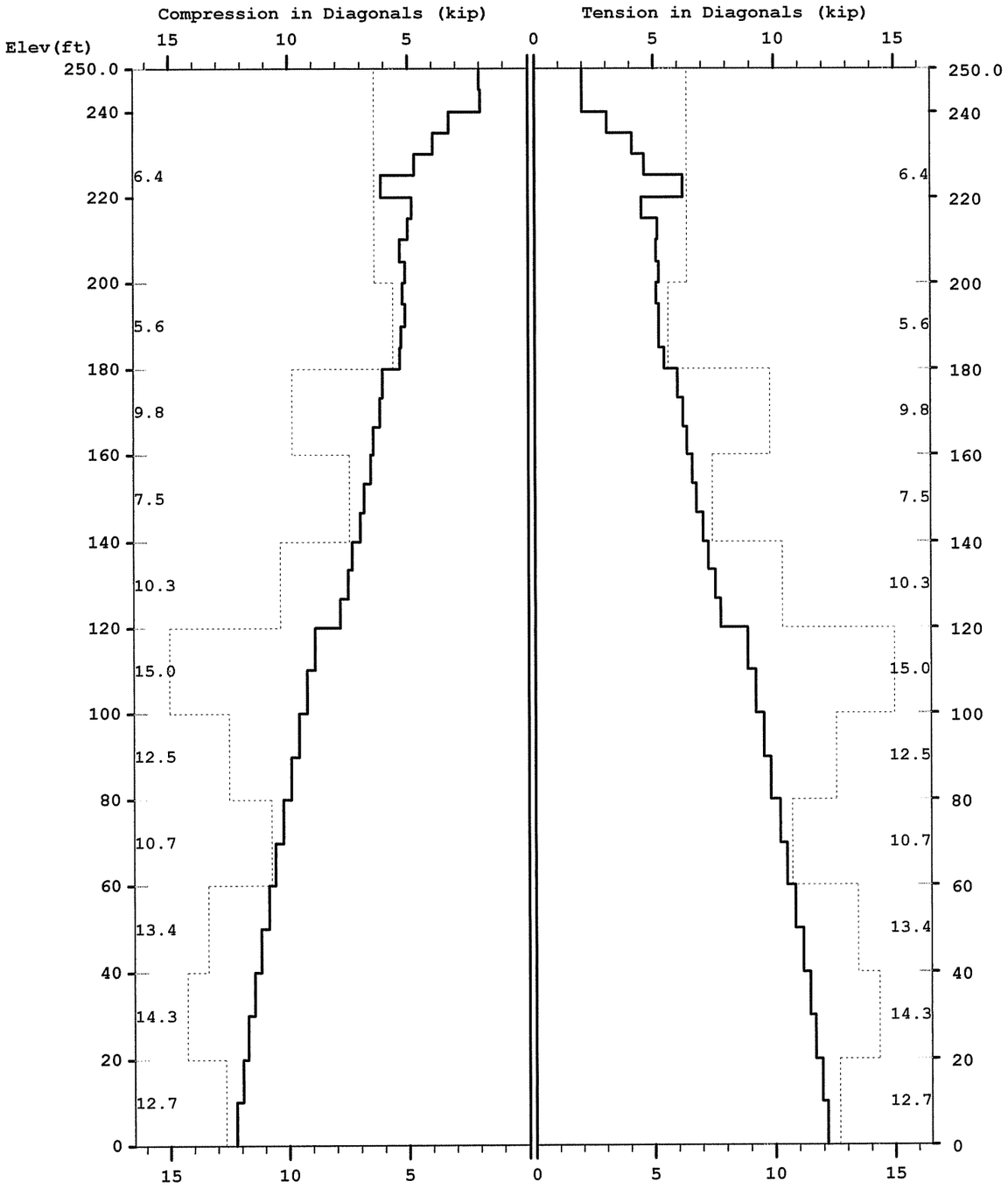
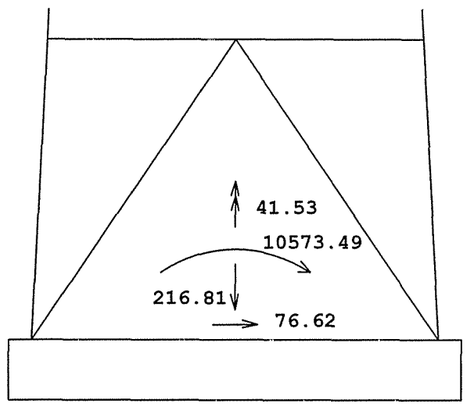
357.8
378.0
457.9
576.0

Maximum

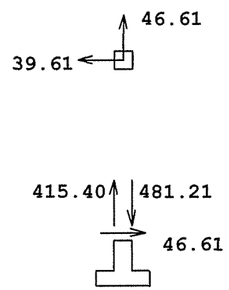

Compression in Diagonals (kip)
Tension in Diagonals (kip)
Elev(ft)
15
10
5
0
5
10
15
250.0
240
220
200
180
160
140
120
100
80
60
40
20
0
6.4
5.6
9.8
7.5
10.3
15.0
12.5
10.7
13.4
14.3
12.7

Maximum

TOTAL FOUNDATION LOADS (kip, ft-kip)



INDIVIDUAL FOOTING LOADS (kip)



MAST G- Latticed Tower Analysis (Unguyed) (c)2005 Guymast Inc. 416-736-7453
Processed under license at:

Sabre Towers And Poles on: 6 feb 2008 at: 10:08:13

MAST GEOMETRY (ft)

PANEL TYPE	NO.OF LEGS	ELEV.AT BOTTOM	ELEV.AT TOP	F.W..AT BOTTOM	F.W..AT TOP	TYPICAL PANEL HEIGHT
X	3	245.00	250.00	5.00	5.00	5.00
X	3	240.00	245.00	5.00	5.00	5.00
X	3	235.00	240.00	5.00	5.00	5.00
X	3	220.00	235.00	5.00	5.00	5.00
X	3	215.00	220.00	5.50	5.00	5.00
X	3	200.00	215.00	7.00	5.50	5.00
X	3	180.00	200.00	9.00	7.00	5.00
X	3	160.00	180.00	11.00	9.00	6.67
X	3	140.00	160.00	13.00	11.00	6.67
X	3	120.00	140.00	15.00	13.00	6.67
X	3	100.00	120.00	17.00	15.00	10.00
X	3	80.00	100.00	19.00	17.00	10.00
X	3	60.00	80.00	21.00	19.00	10.00
X	3	40.00	60.00	23.00	21.00	10.00
X	3	20.00	40.00	25.00	23.00	10.00
X	3	0.00	20.00	27.00	25.00	10.00

MEMBER PROPERTIES

MEMBER TYPE	BOTTOM ELEV ft	TOP ELEV ft	X-SECTN AREA in.sq	RADIUS OF GYRAT in	ELASTIC MODULUS ksi	THERMAL EXPANSN /deg
LE	240.00	250.00	1.075	0.787	29000.	0.0000116
LE	220.00	240.00	1.704	0.787	29000.	0.0000116
LE	200.00	220.00	3.016	0.787	29000.	0.0000116
LE	180.00	200.00	3.678	0.787	29000.	0.0000116
LE	140.00	180.00	6.111	0.787	29000.	0.0000116
LE	120.00	140.00	7.952	0.787	29000.	0.0000116
LE	80.00	120.00	8.399	0.787	29000.	0.0000116
LE	0.00	80.00	12.763	0.787	29000.	0.0000116
DI	180.00	250.00	0.484	0.626	29000.	0.0000116
DI	140.00	180.00	0.902	0.626	29000.	0.0000116
DI	120.00	140.00	1.090	0.626	29000.	0.0000116
DI	60.00	120.00	1.688	0.626	29000.	0.0000116
DI	0.00	60.00	1.938	0.626	29000.	0.0000116
HO	245.00	250.00	0.484	0.626	29000.	0.0000116
HO	235.00	240.00	0.484	0.626	29000.	0.0000116
HO	215.00	220.00	0.484	0.626	29000.	0.0000116

FACTORED MEMBER RESISTANCES

BOTTOM	TOP	LEGS	DIAGONALS	HORIZONTALS	INT BRACING

ELEV ft	ELEV ft	COMP kip	TENS kip	COMP kip	TENS kip	COMP kip	TENS kip	COMP kip	TENS kip
245.0	250.0	31.48	48.15	6.39	6.39	5.82	5.82	0.00	0.00
240.0	245.0	31.48	48.15	6.39	6.39	0.00	0.00	0.00	0.00
235.0	240.0	57.04	76.50	6.39	6.39	5.82	5.82	0.00	0.00
220.0	235.0	57.04	76.50	6.39	6.39	0.00	0.00	0.00	0.00
215.0	220.0	110.98	135.90	6.39	6.39	5.82	5.82	0.00	0.00
200.0	215.0	110.98	135.90	6.39	6.39	0.00	0.00	0.00	0.00
180.0	200.0	142.05	165.60	5.63	5.63	0.00	0.00	0.00	0.00
160.0	180.0	239.46	274.95	9.84	9.84	0.00	0.00	0.00	0.00
140.0	160.0	239.46	274.95	7.46	7.46	0.00	0.00	0.00	0.00
120.0	140.0	309.64	357.75	10.34	10.34	0.00	0.00	0.00	0.00
100.0	120.0	334.65	378.00	15.01	15.01	0.00	0.00	0.00	0.00
80.0	100.0	334.65	378.00	12.53	12.53	0.00	0.00	0.00	0.00
60.0	80.0	507.33	457.90	10.73	10.73	0.00	0.00	0.00	0.00
40.0	60.0	507.33	457.90	13.43	13.43	0.00	0.00	0.00	0.00
20.0	40.0	507.33	457.90	14.31	14.31	0.00	0.00	0.00	0.00
0.0	20.0	507.33	576.00	12.68	12.68	0.00	0.00	0.00	0.00

==========

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

LOADING CONDITION A ==========

90 mph wind with no ice. Wind Azimuth: 0□

MAST LOADING
==========

LOAD TYPE	ELEV ft	APPLY..LOAD..AT RADIUS ft	AZI	LOAD AZI	.....FORCES..... HORIZ kip	DOWN kip	.....MOMENTS..... VERTICAL ft-kip	TORSNAL ft-kip
C	256.0	0.00	0.0	0.0	0.57	0.16	0.00	0.00
C	250.0	0.00	0.0	0.0	2.57	3.91	0.00	0.00
C	238.0	0.00	0.0	0.0	2.70	3.91	0.00	0.00
C	226.0	0.00	0.0	0.0	2.66	3.91	0.00	0.00
C	214.0	0.00	0.0	0.0	2.62	3.91	0.00	0.00
D	250.0	0.00	0.0	0.0	0.12	0.08	0.05	0.09
D	240.0	0.00	0.0	0.0	0.12	0.07	0.05	0.09
D	240.0	0.00	0.0	0.0	0.16	0.10	0.03	0.08
D	235.0	0.00	0.0	0.0	0.16	0.10	0.03	0.08
D	235.0	0.00	0.0	0.0	0.17	0.11	0.03	0.08
D	225.0	0.00	0.0	0.0	0.18	0.12	0.03	0.09
D	225.0	0.00	0.0	0.0	0.21	0.14	0.05	0.10
D	220.0	0.00	0.0	0.0	0.21	0.14	0.05	0.10
D	220.0	0.00	0.0	0.0	0.22	0.16	0.05	0.10
D	215.0	0.00	0.0	0.0	0.22	0.16	0.05	0.10
D	215.0	0.00	0.0	0.0	0.25	0.18	0.02	0.00
D	210.0	0.00	0.0	0.0	0.25	0.18	0.02	0.00
D	210.0	0.00	0.0	0.0	0.27	0.19	0.03	-0.02
D	180.0	0.00	0.0	0.0	0.28	0.20	0.03	-0.02
D	180.0	0.00	0.0	0.0	0.27	0.24	0.04	-0.02
D	160.0	0.00	0.0	0.0	0.28	0.25	0.03	-0.02
D	160.0	0.00	0.0	0.0	0.27	0.25	0.04	-0.02
D	140.0	0.00	0.0	0.0	0.28	0.25	0.04	-0.02

D	140.0	0.00	0.0	0.0	0.28	0.29	0.05	-0.02
D	120.0	0.00	0.0	0.0	0.29	0.29	0.04	-0.02
D	120.0	0.00	0.0	0.0	0.27	0.31	0.05	-0.02
D	80.0	0.00	0.0	0.0	0.27	0.32	0.06	-0.02
D	80.0	0.00	0.0	0.0	0.26	0.38	0.06	-0.01
D	40.0	0.00	0.0	0.0	0.26	0.40	0.07	-0.01
D	40.0	0.00	0.0	0.0	0.23	0.41	0.08	-0.01
D	20.0	0.00	0.0	0.0	0.23	0.41	0.07	-0.01
D	20.0	0.00	0.0	0.0	0.22	0.42	0.08	-0.01
D	0.0	0.00	0.0	0.0	0.22	0.42	0.08	-0.01

SUPPRESS PRINTING
==========

	...FOR THIS LOADING..			.....MAXIMUMS.....			
LOADS INPUT	DISPL	MEMBER FORCES	FOUNDN LOADS	ALL	DISPL	MEMBER FORCES	FOUNDN LOADS
no	yes	yes	yes	no	no	no	no

==========

LOADING CONDITION M ==========

90 mph wind with no ice. Wind Azimuth: 0□

MAST LOADING
==========

LOAD TYPE	ELEV ft	APPLY..LOAD..AT RADIUS ft	AZI	LOAD AZI	.....FORCES..... HORIZ kip	DOWN kip	.....MOMENTS..... VERTICAL ft-kip	TORSNAL ft-kip
C	256.0	0.00	0.0	0.0	0.57	0.12	0.00	0.00
C	250.0	0.00	0.0	0.0	2.57	2.93	0.00	0.00
C	238.0	0.00	0.0	0.0	2.70	2.93	0.00	0.00
C	226.0	0.00	0.0	0.0	2.66	2.93	0.00	0.00
C	214.0	0.00	0.0	0.0	2.62	2.93	0.00	0.00
D	250.0	0.00	0.0	0.0	0.12	0.06	0.04	0.09
D	240.0	0.00	0.0	0.0	0.12	0.05	0.04	0.09
D	240.0	0.00	0.0	0.0	0.16	0.08	0.02	0.08
D	235.0	0.00	0.0	0.0	0.16	0.08	0.02	0.08
D	235.0	0.00	0.0	0.0	0.17	0.08	0.02	0.08
D	225.0	0.00	0.0	0.0	0.18	0.09	0.02	0.09
D	225.0	0.00	0.0	0.0	0.21	0.10	0.03	0.10
D	220.0	0.00	0.0	0.0	0.21	0.10	0.03	0.10
D	220.0	0.00	0.0	0.0	0.22	0.12	0.03	0.10
D	215.0	0.00	0.0	0.0	0.22	0.12	0.03	0.10
D	215.0	0.00	0.0	0.0	0.25	0.14	0.01	0.00
D	210.0	0.00	0.0	0.0	0.25	0.14	0.01	0.00
D	210.0	0.00	0.0	0.0	0.27	0.14	0.02	-0.02
D	180.0	0.00	0.0	0.0	0.28	0.15	0.02	-0.02
D	180.0	0.00	0.0	0.0	0.27	0.18	0.03	-0.02
D	160.0	0.00	0.0	0.0	0.28	0.19	0.03	-0.02
D	160.0	0.00	0.0	0.0	0.27	0.19	0.03	-0.02
D	140.0	0.00	0.0	0.0	0.28	0.19	0.03	-0.02
D	140.0	0.00	0.0	0.0	0.28	0.22	0.04	-0.02
D	120.0	0.00	0.0	0.0	0.29	0.22	0.03	-0.02

D	120.0	0.00	0.0	0.0	0.27	0.23	0.04	-0.02
D	80.0	0.00	0.0	0.0	0.27	0.24	0.04	-0.02
D	80.0	0.00	0.0	0.0	0.26	0.28	0.05	-0.01
D	40.0	0.00	0.0	0.0	0.26	0.30	0.05	-0.01
D	40.0	0.00	0.0	0.0	0.23	0.31	0.06	-0.01
D	20.0	0.00	0.0	0.0	0.23	0.31	0.06	-0.01
D	20.0	0.00	0.0	0.0	0.22	0.31	0.06	-0.01
D	0.0	0.00	0.0	0.0	0.22	0.32	0.06	-0.01

SUPPRESS PRINTING
==========

...FOR THIS LOADING..				.....MAXIMUMS.....			
LOADS INPUT	DISPL	MEMBER FORCES	FOUNDN LOADS	ALL	DISPL	MEMBER FORCES	FOUNDN LOADS
no	yes	yes	yes	no	no	no	no

==========

LOADING CONDITION Y ==========

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

MAST LOADING
==========

LOAD TYPE	ELEV ft	APPLY..LOAD..AT RADIUS ft	AZI	LOAD AZI	......FORCES...... HORIZ kip	DOWN kip	......MOMENTS..... VERTICAL ft-kip	TORSNAL ft-kip
C	256.0	0.00	0.0	0.0	0.09	0.41	0.00	0.00
C	250.0	0.00	0.0	0.0	0.27	6.60	0.00	0.00
C	238.0	0.00	0.0	0.0	0.27	6.58	0.00	0.00
C	226.0	0.00	0.0	0.0	0.26	6.57	0.00	0.00
C	214.0	0.00	0.0	0.0	0.26	6.56	0.00	0.00
D	250.0	0.00	0.0	0.0	0.01	0.31	0.16	0.01
D	245.0	0.00	0.0	0.0	0.01	0.31	0.16	0.01
D	245.0	0.00	0.0	0.0	0.01	0.27	0.16	0.01
D	240.0	0.00	0.0	0.0	0.01	0.27	0.16	0.01
D	240.0	0.00	0.0	0.0	0.02	0.38	0.11	0.01
D	235.0	0.00	0.0	0.0	0.02	0.38	0.11	0.01
D	235.0	0.00	0.0	0.0	0.02	0.39	0.10	0.01
D	230.0	0.00	0.0	0.0	0.02	0.39	0.10	0.01
D	230.0	0.00	0.0	0.0	0.02	0.41	0.10	0.01
D	225.0	0.00	0.0	0.0	0.02	0.41	0.10	0.01
D	225.0	0.00	0.0	0.0	0.02	0.48	0.15	0.01
D	220.0	0.00	0.0	0.0	0.02	0.48	0.15	0.01
D	220.0	0.00	0.0	0.0	0.02	0.53	0.15	0.01
D	215.0	0.00	0.0	0.0	0.02	0.53	0.15	0.01
D	215.0	0.00	0.0	0.0	0.03	0.60	0.09	0.00
D	210.0	0.00	0.0	0.0	0.03	0.60	0.09	0.00
D	210.0	0.00	0.0	0.0	0.03	0.63	0.14	0.00
D	200.0	0.00	0.0	0.0	0.03	0.64	0.13	0.00
D	200.0	0.00	0.0	0.0	0.03	0.65	0.16	0.00
D	180.0	0.00	0.0	0.0	0.03	0.67	0.14	0.00
D	180.0	0.00	0.0	0.0	0.03	0.71	0.17	0.00
D	160.0	0.00	0.0	0.0	0.03	0.73	0.16	0.00

D	160.0	0.00	0.0	0.0	0.03	0.73	0.19	0.00
D	140.0	0.00	0.0	0.0	0.03	0.75	0.18	0.00
D	140.0	0.00	0.0	0.0	0.03	0.80	0.22	0.00
D	120.0	0.00	0.0	0.0	0.03	0.81	0.20	0.00
D	120.0	0.00	0.0	0.0	0.03	0.81	0.24	0.00
D	110.0	0.00	0.0	0.0	0.03	0.81	0.24	0.00
D	110.0	0.00	0.0	0.0	0.03	0.83	0.23	0.00
D	100.0	0.00	0.0	0.0	0.03	0.83	0.23	0.00
D	100.0	0.00	0.0	0.0	0.03	0.83	0.26	0.00
D	90.0	0.00	0.0	0.0	0.03	0.83	0.26	0.00
D	90.0	0.00	0.0	0.0	0.03	0.84	0.25	0.00
D	80.0	0.00	0.0	0.0	0.03	0.84	0.25	0.00
D	80.0	0.00	0.0	0.0	0.03	0.89	0.28	0.00
D	60.0	0.00	0.0	0.0	0.03	0.90	0.27	0.00
D	60.0	0.00	0.0	0.0	0.03	0.93	0.30	0.00
D	40.0	0.00	0.0	0.0	0.03	0.94	0.29	0.00
D	40.0	0.00	0.0	0.0	0.03	0.93	0.32	0.00
D	20.0	0.00	0.0	0.0	0.03	0.94	0.31	0.00
D	20.0	0.00	0.0	0.0	0.02	0.97	0.38	0.00
D	10.0	0.00	0.0	0.0	0.02	0.97	0.38	0.00
D	10.0	0.00	0.0	0.0	0.03	1.07	0.48	0.00
D	0.0	0.00	0.0	0.0	0.03	1.07	0.48	0.00

SUPPRESS PRINTING
==========

...FOR THIS LOADING..				ALL	.....MAXIMUMS.....		
LOADS INPUT	DISPL	MEMBER FORCES	FOUNDN LOADS		DISPL	MEMBER FORCES	FOUNDN LOADS
no	*yes*	*yes*	*yes*	*no*	*no*	*no*	*no*

==========

MAXIMUM MAST DISPLACEMENTS:
==========

ELEV	------DEFLECTIONS (ft)-----			--TILTS (DEG)---		TWIST
ft	NORTH	EAST	DOWN	NORTH	EAST	DEG
250.0	3.466 G	3.303 J	0.048 G	1.874 G	1.796 J	-0.138 R
245.0	3.301 G	3.145 J	0.046 G	1.866 G	1.788 J	-0.137 R
240.0	3.138 G	2.989 J	0.043 G	1.843 G	1.766 J	-0.135 R
235.0	2.976 G	2.833 J	0.040 G	1.817 G	1.741 J	-0.132 R
230.0	2.819 G	2.682 J	0.037 G	1.772 G	1.697 J	-0.126 R
225.0	2.662 G	2.532 J	0.036 e	1.708 G	1.634 J	-0.118 R
220.0	2.514 G	2.391 J	0.035 e	1.616 G	1.546 J	-0.109 R
215.0	2.372 G	2.255 J	0.034 e	1.556 G	1.488 J	-0.098 R
210.0	2.237 G	2.126 J	0.033 e	1.493 G	1.427 J	0.095 T
205.0	2.106 G	2.001 J	0.032 e	1.423 G	1.359 J	0.096 T
200.0	1.983 G	1.883 J	0.031 e	1.350 G	1.289 J	0.096 T
195.0	1.864 G	1.769 J	0.031 e	1.287 G	1.229 J	0.094 T
190.0	1.751 G	1.662 J	0.030 e	1.223 G	1.167 J	0.092 H
185.0	1.644 G	1.559 J	0.029 e	1.157 G	1.103 J	0.088 H
180.0	1.542 G	1.462 J	0.028 e	1.090 G	1.039 J	0.084 H
173.3	1.416 G	1.342 J	0.027 e	1.035 G	0.985 J	0.081 H
166.7	1.296 G	1.228 J	0.026 e	0.979 G	0.932 J	0.077 H
160.0	1.182 G	1.120 J	0.025 e	0.922 G	0.877 J	0.073 H
153.3	1.076 G	1.019 J	0.024 e	0.864 G	0.822 J	0.069 H
146.7	0.974 G	0.922 J	0.023 e	0.806 G	0.766 J	0.064 H
140.0	0.881 G	0.833 J	0.022 e	0.747 G	0.710 J	0.059 H

133.3	0.793 G	0.750 J	0.021 e	0.702 G	0.667 J	0.055 T
126.7	0.712 G	0.673 J	0.020 e	0.658 G	0.624 J	0.051 T
120.0	0.634 G	0.599 J	0.019 e	0.612 G	0.581 J	0.047 T
110.0	0.530 G	0.501 J	0.018 e	0.547 G	0.518 J	0.043 T
100.0	0.438 G	0.413 J	0.016 e	0.481 G	0.456 J	0.039 T
90.0	0.355 G	0.335 J	0.014 e	0.414 G	0.392 J	0.035 T
80.0	0.285 G	0.269 J	0.013 e	0.348 G	0.329 J	0.031 T
70.0	0.224 G	0.211 J	0.011 e	0.305 G	0.288 J	0.027 T
60.0	0.170 G	0.160 J	0.010 e	0.261 G	0.247 J	0.023 T
50.0	0.124 G	0.116 J	0.009 e	0.218 G	0.206 J	0.019 T
40.0	0.085 G	0.080 J	0.007 Y	0.174 G	0.165 J	0.015 T
30.0	0.053 G	0.050 J	0.005 f	0.131 G	0.124 J	0.011 T
20.0	0.029 G	0.027 J	0.004 f	0.087 G	0.082 J	0.008 H
10.0	0.010 G	-0.009 D	0.002 f	0.043 G	0.041 J	0.004 T
0.0	0.000 A	0.000 A	0.000 A	0.000 A	0.000 A	0.000 A

MAXIMUM TENSION IN MAST MEMBERS (kip)

ELEV ft	LEGS	DIAG	HORIZ	BRACE
250.0	----------	----------	0.90 G	0.00 A
	1.44 M	1.98 B		
245.0	----------	----------	0.02 I	0.00 A
	5.93 M	1.99 H		
240.0	----------	----------	0.23 A	0.00 A
	10.96 M	3.06 M		
235.0	----------	----------	0.07 A	0.00 A
	19.30 M	4.09 H		
230.0	----------	----------	0.01 S	0.00 A
	29.07 M	4.63 T		
225.0	----------	----------	0.07 A	0.00 A
	41.03 M	6.22 B		
220.0	----------	----------	0.11 U	0.00 A
	52.91 M	4.47 M		
215.0	----------	----------	0.07 A	0.00 A
	63.19 M	5.15 B		
210.0	----------	----------	0.01 E	0.00 A
	73.63 M	5.13 T		
205.0	----------	----------	0.06 A	0.00 A
	84.71 M	5.22 B		
200.0	----------	----------	0.02 A	0.00 A
	94.68 M	5.10 T		
195.0	----------	----------	0.04 A	0.00 A
	104.85 M	5.24 B		
190.0	----------	----------	0.02 A	0.00 A
	114.28 M	5.22 T		
185.0	----------	----------	0.04 A	0.00 A
	123.87 M	5.42 L		
180.0	----------	----------	0.04 A	0.00 A
	134.34 M	5.97 X		
173.3	----------	----------	0.06 A	0.00 A
	146.50 M	6.22 L		
166.7	----------	----------	0.04 A	0.00 A
	158.12 M	6.36 X		
160.0	----------	----------	0.05 A	0.00 A
	169.85 M	6.63 L		
153.3	----------	----------	0.03 A	0.00 A
	181.20 M	6.79 R		
146.7	----------	----------	0.05 A	0.00 A
	192.62 M	7.06 L		

140.0				0.03	A	0.00 A
	203.75	M	7.27 R			
133.3				0.07	A	0.00 A
	214.90	M	7.55 F			
126.7				0.03	A	0.00 A
	225.91	M	7.79 R			
120.0				0.10	A	0.00 A
	239.52	M	8.87 R			
110.0				0.10	A	0.00 A
	255.80	M	9.19 X			
100.0				0.06	A	0.00 A
	271.95	M	9.54 X			
90.0				0.09	A	0.00 A
	287.93	M	9.85 X			
80.0				0.06	A	0.00 A
	303.77	M	10.19 X			
70.0				0.05	A	0.00 A
	319.29	M	10.49 X			
60.0				0.06	A	0.00 A
	334.69	M	10.82 R			
50.0				0.05	A	0.00 A
	349.90	M	11.13 X			
40.0				0.05	A	0.00 A
	364.99	M	11.43 X			
30.0				0.05	A	0.00 A
	379.83	M	11.67 R			
20.0				0.00	A	0.00 A
	394.49	M	11.94 X			
10.0				0.05	A	0.00 A
	408.85	M	12.16 R			
0.0				0.00	A	0.00 A

MAXIMUM COMPRESSION IN MAST MEMBERS (kip)

ELEV ft	LEGS	DIAG	HORIZ	BRACE
250.0			-0.88 A	0.00 A
	-3.92 G	-2.00 H		
245.0			-0.01 O	0.00 A
	-8.72 G	-1.99 H		
240.0			-0.10 S	0.00 A
	-15.21 G	-3.31 G		
235.0			-0.04 S	0.00 A
	-25.42 G	-3.94 T		
230.0			-0.02 A	0.00 A
	-35.78 G	-4.76 H		
225.0			-0.05 S	0.00 A
	-50.51 G	-6.12 T		
220.0			-0.24 C	0.00 A
	-62.51 G	-4.86 G		
215.0			-0.05 S	0.00 A
	-75.93 G	-5.01 N		
210.0			-0.01 W	0.00 A
	-87.17 G	-5.35 G		
205.0			-0.04 S	0.00 A
	-99.37 G	-5.11 N		

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200.0  --------------------          -0.01 S       0.00 A
        -109.83 G      -5.25 G
195.0  --------------------          -0.03 S       0.00 A
        -121.03 G      -5.16 T
190.0  --------------------          -0.02 S       0.00 A
        -131.07 G      -5.32 B
185.0  --------------------          -0.03 S       0.00 A
        -141.65 G      -5.36 X
180.0  --------------------          -0.03 S       0.00 A
        -152.97 G      -6.08 L
173.3  --------------------          -0.05 S       0.00 A
        -166.59 G      -6.18 X
166.7  --------------------          -0.03 S       0.00 A
        -179.37 G      -6.45 L
160.0  --------------------          -0.04 S       0.00 A
        -192.54 G      -6.60 X
153.3  --------------------          -0.02 S       0.00 A
        -205.13 G      -6.86 L
146.7  --------------------          -0.04 S       0.00 A
        -217.99 G      -7.04 R
140.0  --------------------          -0.03 S       0.00 A
        -230.49 G      -7.33 L
133.3  --------------------          -0.06 S       0.00 A
        -243.23 G      -7.55 L
126.7  --------------------          -0.02 S       0.00 A
        -255.75 G      -7.84 F
120.0  --------------------          -0.09 S       0.00 A
        -271.39 G      -8.91 L
110.0  --------------------          -0.08 S       0.00 A
        -290.15 G      -9.25 F
100.0  --------------------          -0.05 S       0.00 A
        -308.88 G      -9.56 L
 90.0  --------------------          -0.07 S       0.00 A
        -327.38 G      -9.91 L
 80.0  --------------------          -0.05 S       0.00 A
        -346.02 G     -10.22 L
 70.0  --------------------          -0.04 S       0.00 A
        -364.50 G     -10.56 F
 60.0  --------------------          -0.05 S       0.00 A
        -382.97 G     -10.86 L
 50.0  --------------------          -0.04 S       0.00 A
        -401.25 G     -11.19 F
 40.0  --------------------          -0.04 S       0.00 A
        -419.52 G     -11.47 F
 30.0  --------------------          -0.04 S       0.00 A
        -437.54 G     -11.74 L
 20.0  --------------------           0.00 S       0.00 A
        -455.46 G     -11.97 F
 10.0  --------------------          -0.04 S       0.00 A
        -473.08 G     -12.23 L
  0.0  --------------------           0.00 A       0.00 A
```

MAXIMUM INDIVIDUAL FOUNDATION LOADS: (kip)

LOAD---COMPONENTS---				TOTAL
NORTH	EAST	DOWN	UPLIFT	SHEAR

46.61 G -39.61 C 481.21 G -415.40 M 46.61 G

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

------HORIZONTAL----- NORTH	EAST	TOTAL @ 0.0	DOWN	---------OVERTURNING--------- NORTH	EAST	TOTAL @ 0.0	TORSION
76.6 G	71.7 V	76.6 G	216.8 f	10573.5 G	9977.6 J	10573.5 G	41.5 T

MAT FOUNDATION DESIGN BY SABRE TOWERS & POLES

Tower Description	250' S3TL Series HD
Customer	WIRELESS PROPERTIES LLC
Project Number	08-1855-CJP
Date	2/6/2008
Engineer	ARH

Overall Loads:			
Factored Moment (ft-kips)	10573.49	Anchor Bolt Count (per leg)	6
Factored Axial (kips)	216.81		
Factored Shear (kips)	76.62		
Individual Leg Loads:			
Factored Uplift (kips)	415.4		
Factored Download (kips)	481.21		
Factored Shear (kips)	46.61		
Width of Tower (ft)	33		
Ultimate Bearing Pressure	15		
Bearing Φs	0.75		
Overturning Φs	0.9		
Bearing Design Strength (ksf)	11.25	Max. Factored Net Bearing Pressure (ksf)	0.89
Water Table Below Grade (ft)	999		
Width of Mat (ft)	45.5	Minimum Mat Width (ft)	45.44
Thickness of Mat (ft)	1.5		
Depth to Bottom of Slab (ft)	6		
Bolt Circle Diameter (in)	13.25		
Top of Concrete to Top of Bottom Threads (in)	57.5		
Diameter of Pier (ft)	5	Minimum Pier Diameter (ft)	2.60
Ht. of Pier Above Ground (ft)	0.5	Equivalent Square b (ft)	4.43
Ht. of Pier Below Ground (ft)	4.5		
Quantity of Bars in Mat	90		
Bar Diameter in Mat (in)	1		
Area of Bars in Mat (in^2)	70.69		
Spacing of Bars in Mat (in)	6.06	Recommended Spacing (in)	6 to 12
Quantity of Bars Pier	24		
Bar Diameter in Pier (in)	0.875		
Tie Bar Diameter in Pier (in)	0.5		
Spacing of Ties (in)	12		
Area of Bars in Pier (in^2)	14.43	Minimum Pier A_s (in^2)	14.14
Spacing of Bars in Pier (in)	6.82	Recommended Spacing (in)	6 to 12
f'c (ksi)	3		
fy (ksi)	60		
Unit Wt. of Soil (kcf)	0.11		
Unit Wt. of Concrete (kcf)	0.15		
Volume of Concrete (yd^3)	125.92		

MAT FOUNDATION DESIGN BY SABRE TOWERS & POLES (CONTINUED)

Two-Way Shear Action:

Average d (in)	14		
ϕV_c (kips)	534.4	V_u (kips)	481.2
$\phi V_c = \phi(2 + 4/\beta_c)f'_c{}^{1/2}b_o d$	801.6		
$\phi V_c = \phi(\alpha_s d/b_o+2)f'_c{}^{1/2}b_o d$	632.2		
$\phi V_c = \phi 4f'_c{}^{1/2}b_o d$	534.4		
Shear perimeter, b_o (in)	204.98		
β_c	1		

Stability:

Resisting moment	37610.01563		
Overturning Design Strength (ft-k)	33849.0	Factored Overturning Moment (ft-k)	11071.5

Pier Design:

Design Tensile Strength (kips)	779.3	Tu (kips)	415.4
ϕV_n (kips)	189.4	V_u (kips)	46.6
$\phi V_c = \phi 2(1+N_u/(500A_g))f'_c{}^{1/2}b_w d$	189.4		
V_s (kips)	0.0	*** V_s max = 4 $f'_c{}^{1/2}b_w d$ (kips)	631.0
Maximum Spacing (in)	7.85	(Only if Shear Ties are Required)	

*** Ref. ACI 11.5.5 & 11.5.6.3

Anchor Bolt Pull-Out:

$\phi P_c = \phi\lambda(2/3)f'_c{}^{1/2}(2.8A_{SLOPE} + 4A_{FLAT})$	347.7	P_u (kips)	415.4
Pier Rebar Development Length (in)	35.06	Required Length of Development (in)	25.55

Flexure in Slab:

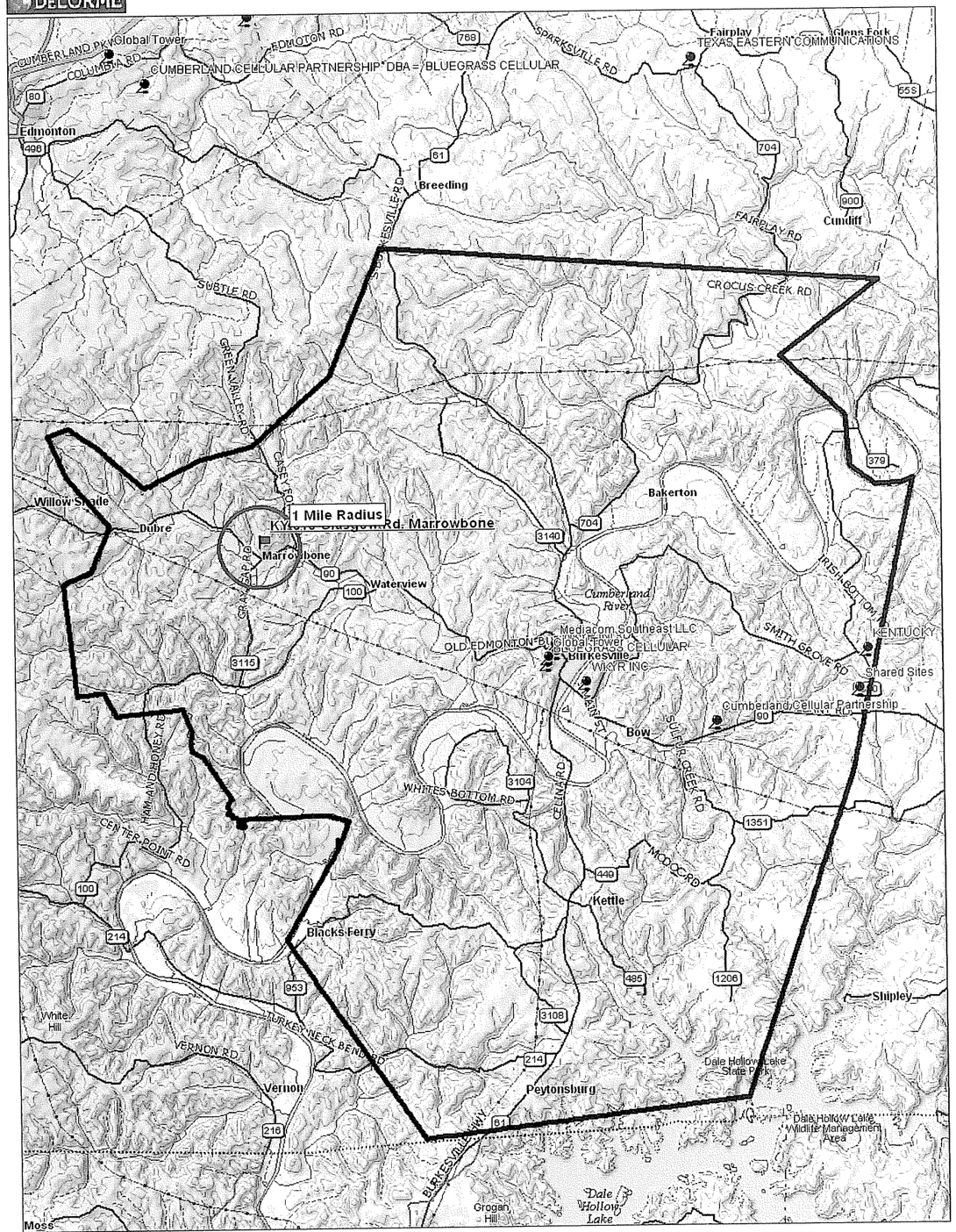
ϕM_n (ft-kips)	3968.7	M_u (ft-kips)	3943.3
a (in)	3.05		
Steel Ratio	0.00925		
β_1	0.85		
Maximum Steel Ratio (.75p_b)	0.0160		
Minimum Steel Ratio	0.0018		
Rebar Development in Pad (in)	270.00	Required Development in Pad (in)	105.26

Condition	1 is OK, 0 Fails
Minimum Mat Width	1
Maximum Soil Bearing Pressure	1
Pier Area of Steel	1
Pier Shear	1
Two-Way Shear Action	1
Overturning	1
Anchor Bolt Pull-Out	1
Flexure	1
Steel Ratio	1
Length of Development in Pad	1
Interaction Diagram Visual Check	1

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

DeLORME

Topo USA® 6.0



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www.delorme.com

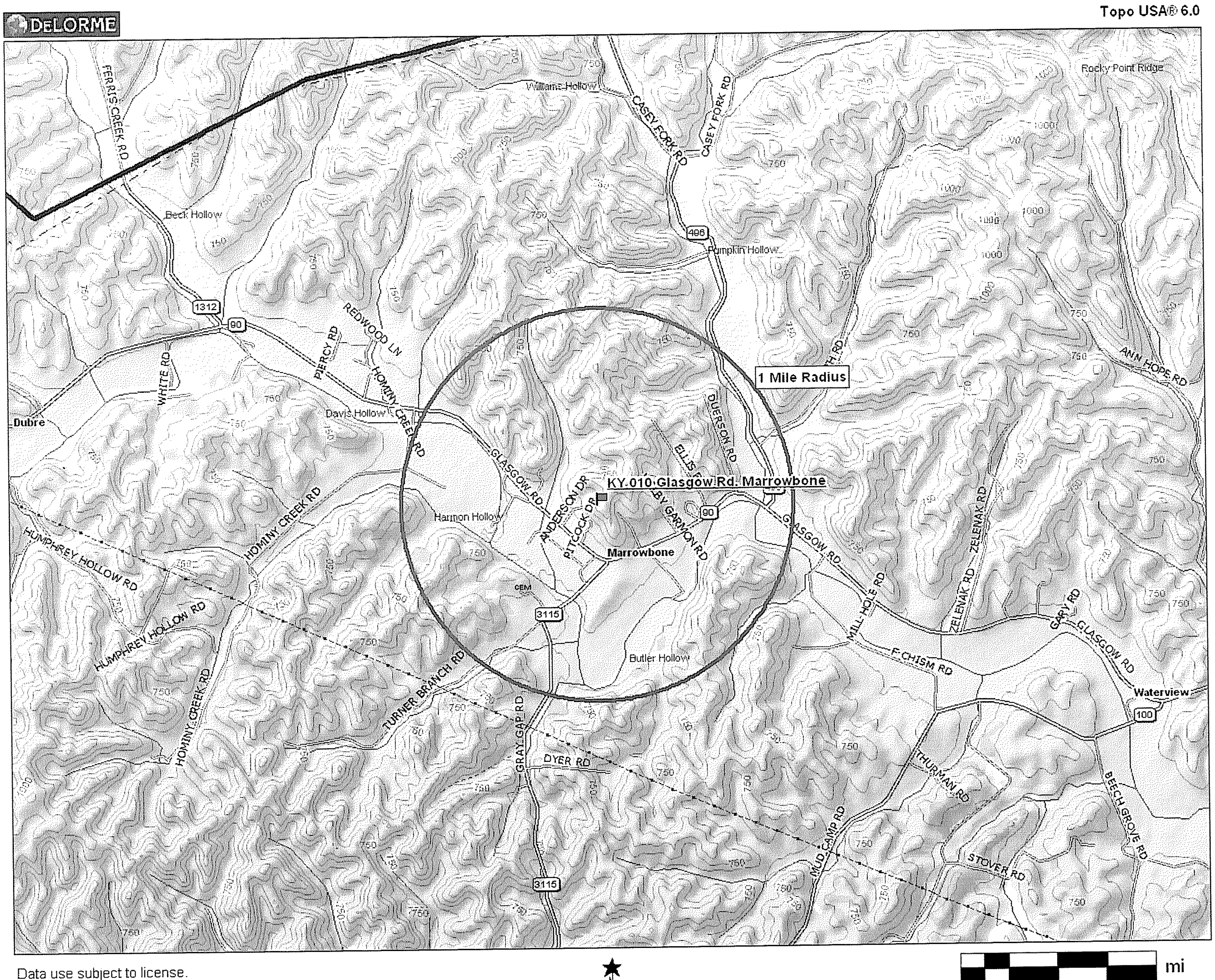
MN (4.1° W)

0 1 2 3 4 5 mi

Data Zoom 10-0

EXHIBIT E
COPY OF RADIO FREQUENCY DESIGN SEARCH AREA

Topo USA® 6.0



WIRELESS PROPERTIES

MARROWBONE
SITE #: KY-010

GLASGOW ROAD
MARROWBONE, KY 42759
PROPOSED 250' SELF SUPPORT TOWER WITH
MULTIPLE CARRIERS

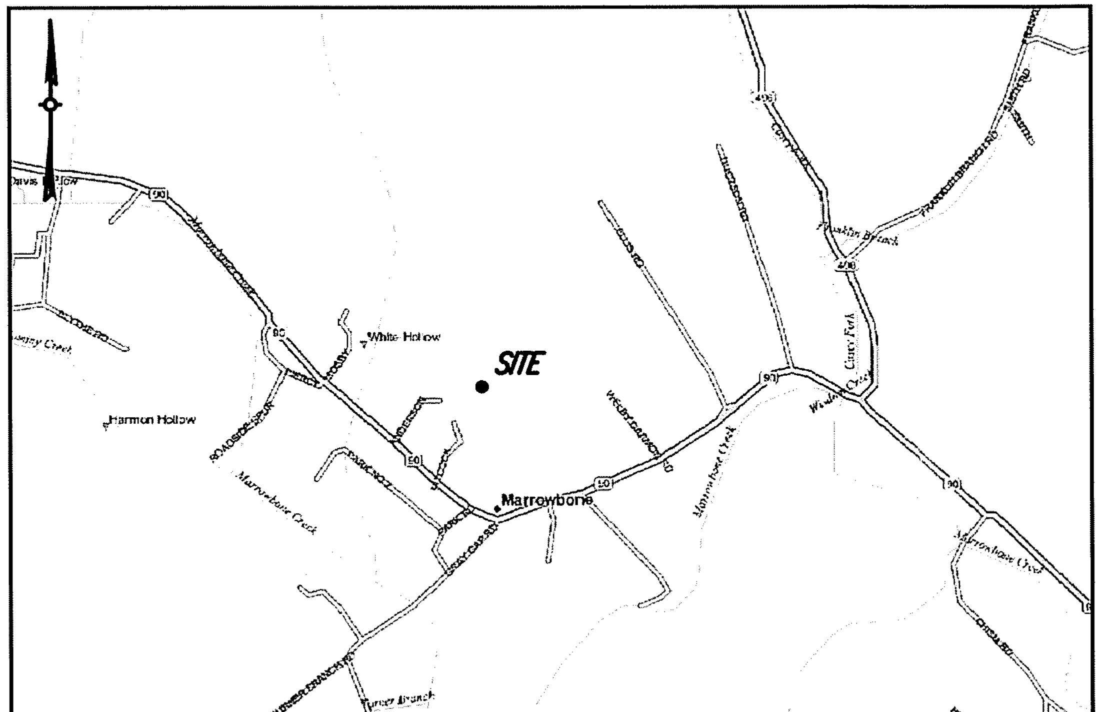
UNDERGROUND UTILITIES
CALL 2 WORKING DAYS
BEFORE YOU DIG
INDIANA 1-800-382-5544
KENTUCKY 1-800-752-6007
UTILITIES PROTECTION SERVICE
NON-MEMBERS MUST CALL DIRECTLY

The utility information shown on this plat, prepared by FSTAN was obtained from existing records and or by field locations. It is the contractor's responsibility to verify their existence and location, and to contact the appropriate utility company for field locations.

FStan

F.S. Land Company
T. Alan Neal Company
Land Surveyors and Consulting Engineers
PO Box 17546 2313/2315 Crittenden Drive
Louisville, KY 40217
Phone: (502) 635-5866 (502) 636-5111
Fax: (502) 636-5263

ARCHITECTURAL DESIGN ENGINEER



VICINITY MAP SCALE: NONE

FROM THE WIRELESS PROPERTIES OFFICE IN CHATTANOOGA, TN, TAKE US 127 NORTH 28 MILES TO SR 8. TURN LEFT ONTO SR 8 AND PROCEED NORTH 12.8 MILES TO SR 111 CONTINUE NORTH ON SR 111 65.2 MILES TO SR 52. TURN LEFT ONTO SR 52 AND PROCEED NORTH 16.9 MILES TO SR 53. TURN RIGHT ONTO SR 53 AND PROCEED NORTH 10.8 MILES TO SR 61 CONTINUE NORTH ON SR 61 13.7 MILES TO SR 90 IN BURKESVILLE, KY. TURN LEFT ONTO SR 90 AND PROCEED WEST 9.5 MILES TO THE PROPOSED ACCESS ENTRANCE FOLLOW SAID PROPOSED ACCESS APPROXIMATELY 1500' NORTHEAST TO THE PROPOSED SITE AT THE TOP OF THE HILL.

DRIVE TO DIRECTIONS

TITLE	SIGNATURE	DATE
PROPERTY MGR		
CONSTRUCTION MGR		
OPERATIONS MGR		
NATIONAL DIRECTOR MGR		
SITE ACQUISITION		
ZONING		
RF MANAGER		
CONSTRUCTION MGR		
LANDOWNER		

WIRELESS PROPERTIES, LLC APPROVALS

SITE NAME
MARROWBONE

SITE #
KY-010

SITE ADDRESS
GLASGOW ROAD
MARROWBONE, KY 42759

OWNER
WILLIAM GARMON & NANCY DAUGHERTY
10040 GLASGOW ROAD
MARROWBONE, KY 42759

APPLICANT
WIRELESS PROPERTIES, LLC
707 REPUBLIC CENTRE
633 CHESTNUT STREET
CHATTNOOGA, TN 37450
CONTACT: MATT BATES (423) 802-7707

TOWER TYPE
SELF-SUPPORT

TOWER HEIGHT
250'

LEASE AREA
LEASE AREA = 10,000 SQ. FT.

SOURCE OF TITLE
DEED BOOK 128, PAGE 314

PROJECT INFORMATION

SHEET NUMBER	DESCRIPTION
T-1	TITLE SHEET & SITE INFO
A-1	500' RADIUS/ABUTTERS
A-2	SITE SURVEY
C-1	GENERAL NOTES AND LEGEND
C-2	OVERALL SITE LAYOUT
C-3	SITE LAYOUT PLAN
C-4	SITE GRADING PLAN
C-5	SITE DETAILS
C-6	FENCE DETAILS
E-1	UTILITY ROUTING PLAN
E-2	SITE GROUNDING PLAN
E-3	ELECTRICAL NOTES
E-4	ELECTRICAL DETAILS
E-5	ELECTRICAL DETAILS
E-6	UTILITY CENTER DETAILS
E-7	GROUNDING SINGLE LINE

SHEET INDEX

ELECTRIC COMPANY

TELEPHONE COMPANY

UTILITY CONTACTS

FIRE

POLICE

EMERGENCY CONTACTS

WIRELESS PROPERTIES

FStan

F.S. Land Company
T. Alan Neal Company
Land Surveyors and Consulting Engineers
PO Box 17546 2313/2315 Crittenden Drive
Louisville, KY 40217
Phone: (502) 635-5866 (502) 636-5111
Fax: (502) 636-5263

STATE OF KENTUCKY
WALTER C. MARTIN
2450
2/8/08
LICENSED PROFESSIONAL ENGINEER

SITE NUMBER: *KY-010*

SITE NAME: *MARROWBONE*

SITE ADDRESS: *GLASGOW ROAD MARROWBONE, KY 42759*

PROPOSED LEASE AREA: *AREA = 10,000 SQ. FT.*

PROPERTY OWNER: *WILLIAM GARMON & NANCY DAUGHERTY 10040 GLASGOW ROAD MARROWBONE, KY 42759*

TOWER TYPE: *SELF-SUPPORT*

TOWER HEIGHT: *250'*

DWG BY:	CHKD BY:	DATE:
JMW	FS2	11.29.07

FSTAN PROJECT NO.: *07-4890*

SHEET T-1 OF 16

REVISIONS:

1. TOWER TYPE & HEIGHT – 02.07.08 JMW

TITLE SHEET, SITE INFO. AND SHEET INDEX

MARROWBONE
SITE # KY-010
SITE ADDRESS: 4709 ALBEN BARKLEY
PADUCAH, KENTUCKY 40209

CENTERLINE DATA – WIRELESS PROPERTIES LLC'S 25' WIDE JOINT INGRESS/EGRESS & PUBLIC UTILITY ACCESS EASEMENT					
NO.	DELTA/BEARING	RADIUS	LENGTH	TAN	CHORD
1	N 43° 19' 21" E	———	351.47'	———	———
2	78° 30' 40"	50.00'	68.51'	40.86'	N 82° 34' 41" E/63.28'
3	S 58° 09' 59" E	———	18.45'	———	———
4	71° 37' 22"	75.00'	93.75'	54.11'	N 86° 01' 20" E/87.77'
5	N 50° 12' 40" E	———	96.92'	———	———
6	41° 36' 03"	40.00'	29.04'	15.19'	N 71° 00' 41" E/28.41'
7	S 88° 11' 18" E	———	44.95'	———	———
8	96° 10' 57"	70.00'	117.51'	77.99'	N 43° 43' 14" E/104.19'
9	N 04° 22' 15" W	———	91.08'	———	———
10	N 09° 39' 52" E	———	39.30'	———	———
11	112° 33' 32"	100.00'	196.45'	149.83'	N 59° 16' 04" E/166.35'
12	S 64° 27' 10" E	———	150.95'	———	———
13	25° 32' 50"	200.00'	89.18'	45.34'	S 77° 13' 35" E/88.44'
14	S 90° 00' 00" E	———	47.64'	———	———

FLOOD HAZARD STATEMENT:

THIS COMMUNICATIONS SITE (THE SUBJECT SITE AS SHOWN) IS NOT LOCATED WITHIN THE LIMITS OF A DESIGNATED 100 YEAR FLOOD ZONE PER FEMA\FIRM MAP COMMUNITY PANEL NUMBER 210060 0003 A, CUMBERLAND COUNTY, KENTUCKY. EFFECTIVE DATE DECEMBER 16, 1977.

PROJECT BENCHMARK

TBM ELEVATION DATUM IS BASED UPON GPS SURVEY METHODS AND PROCEDURES.
SURVEY SPIKE SET IN BASE OF XXXXXXXX
ELEVATION = XXX.XX' M.S.L.
(SEE PLAN FOR LOCATION)

KY SPC (SINGLE ZONE) GRID NORTH

50 0 50 100 150

Scale 1" = 100'
GRAPHIC SCALE

SPECIAL NOTE:

THIS SURVEY PLAN WAS PERFORMED UNDER THE AUTHORITY OF KENTUCKY REVISED STATUTES (201 KAR 18.150), AND IS NOT TO BE CONSIDERED A GENERAL PROPERTY BOUNDARY SURVEY AS DEFINED WITHIN KENTUCKY REVISED STATUTES. DIMENSIONS (IF SHOWN) ALONG THE PERIMETER OF THE LANDOWNER'S PROPERTY ARE PROVIDED UNDER THIS SURVEYOR'S SCOPE OF SERVICES WITH WIRELESS PROPERTIES LLC, AND ARE TO BE CONSIDERED FOR REFERENCE ONLY. THE EXACT LOCATION OF THE LANDOWNER'S PROPERTY MAY DIFFER UPON THE PREPARATION OF A FULL BOUNDARY SURVEY IN ACCORDANCE WITH REQUIREMENTS ESTABLISHED BY THE STATE OF KENTUCKY.

VIBBERT LUMBER COMPANY
DEED BOOK 059, PAGE 503
(1.01)

WILLIAM & CONNIE GARMON
DEED BOOK 079, PAGE 622
(3.01)

WILLIAM GARMON & NANCY DAUGHERTY
DEED BOOK 128, PAGE 314
(10)

JERRY W. BRYANT
WILL BOOK 95, PAGE 116
TAX MAP 10, PARCEL 12

WIRELESS PROPERTIES LLC'S TOWER SITE LEASEHOLD AREA

CENTERLINE OF PROPOSED MONOPOLE TOWER STRUCTURE
LATITUDE = 36° 49' 54.0"
LONGITUDE = 85° 30' 26.8"
ELEVATION = 852.00' M.S.L.

WIRELESS PROPERTIES LLC'S 20' WIDE UTILITY EASEMENT

WIRELESS PROPERTIES LLC'S 25' WIDE JOINT INGRESS / EGRESS & PUBLIC UTILITY ACCESS EASEMENT

RONDAL G. BURNS
DEED BOOK 111, PAGE 162
(3)

MARGARET GARMON
WILL BOOK "N", PAGE 434
(4)

JAMES ELMORE TURNER
DEED BOOK 136, PAGE 596
(5)

MORRIS WRAY RIDDLE
(NO PUBLIC RECORD FOUND)
(6)

MILDRED SAVAGE & BILLY BALLARD
DEED BOOK 111, PAGE 432
(7)

BILLY VIBBERT
DEED BOOK 096, PAGE 642
(11)

"POINT OF COMMENCEMENT" IRON PIN FOUND

KENTUCKY STATE HIGHWAY 90

LEGENDS:

- IRON PIN SET THIS SURVEY
- IRON PIN FOUND
- RIGHT-OF-WAY/PROPERTY LINE
- PROPERTY BOUNDARY
- 560 INDEX CONTOURS
- 1' INTERVAL
- OHE & T OVERHEAD ELECTRIC & TELEPHONE LINES
- OHE OVERHEAD ELECTRIC
- UGE UNDERGROUND ELECTRIC

GENERAL NOTES:

1. I HEREBY CERTIFY THAT THE SURVEY DEPICTED BY THIS PLAT WAS PREPARED BY PERSONS UNDER MY DIRECT SUPERVISION BY THE METHOD OF RANDOM TRAVERSE WITH SIDE SHOTS. THE UNADJUSTED PRECISION OF THE TRAVERSE RATIO WAS 1:11,150 AND WAS NOT ADJUSTED. THE SURVEY AS SHOWN HEREON IS A CLASS "A" SURVEY, AND THE ACCURACY AND PRECISION OF SAID SURVEY MEETS ALL THE SPECIFICATIONS OF THIS CLASS.

FRANK V. NEELEY, P.L.S. 3093 ——— DATE

2. TOPOGRAPHIC ELEVATIONS SHOWN WERE DERIVED FROM GRID CROSS-SECTIONS, USING A TOTAL STATION FOR HORIZONTAL AND VERTICAL CONTROL. ALL DISTANCES MEASURED HAVE BEEN ADJUSTED FOR TEMPERATURE.
4. PARCEL NUMBERS SHOWN THUS (00), REFER TO TAX MAP NO. 10-05, OF THE PROPERTY VALUATION OFFICE OF CUMBERLAND COUNTY, KENTUCKY.
5. BEARINGS SHOWN ARE REFERENCED FROM GLOBALLY POSITIONED SATELLITE MONUMENTS AS ESTABLISHED FOR THIS SURVEY.
6. PROPERTY OWNERS:
   WILLIAM GARMON & NANCY DAUGHTERY
   10040 GLASGOW ROAD
   MARROWBONE, KY 42759
7. IRON PINS SET ARE 18" MINIMUM LENGTH REINFORCING STEEL BARS WITH A PLASTIC CAPPED EMBOSSED "KY PLS #3093", UNLESS ROCK OR OTHER LIKE MATERIAL IS ENCOUNTERED.
8. DATE OF FIELD SURVEY: THURSDAY, AUGUST 16, 2007.

REVISIONS:

PROJECT NO: 27.163.20
AUGUST 23, 2007
DRAWN BY: L.E.F.
CHECKED BY: F.V.N.

WIRELESS PROPERTIES SITE SURVEY: KENTUCKY
"GLASGOW ROAD" TOWER SITE
LOCATED IN: MARROWBONE, CUMBERLAND COUNTY, KENTUCKY
TOWER SITE LEASEHOLD AREA SURVEY
PREPARED FOR WIRELESS PROPERTIES
WIRELESS PROPERTIES SITE NO.: KY-010

SHEET NUMBER:
1 OF 2

PROJECT NUMBER:
J.N. 27.163.20

Plot date: AUGUST 23, 2007

GENERAL NOTES

1. PRIOR TO THE START OF CONSTRUCTION, THE CONTRACTOR SHALL BE RESPONSIBLE FOR ENSURING THAT ALL REQUIRED PERMITS AND APPROVALS HAVE BEEN OBTAINED. NO CONSTRUCTION OR FABRICATION SHALL BEGIN UNTIL THE CONTRACTOR HAS RECEIVED AND THOROUGHLY REVIEWED ALL PLANS AND OTHER DOCUMENTS APPROVED BY ALL APPLICABLE PERMITTING AUTHORITIES.

2. THE CONTRACTOR SHALL VERIFY THAT ALL EXISTING TOPOGRAPHY AND HORIZONTAL GEOMETRY IS AS INDICATED ON THESE DRAWINGS. NO ADDITIONAL COMPENSATION SHALL BE PAID TO THE CONTRACTOR FOR DAMAGE OR REPAIR TO THESE FACILITIES CAUSED BY THE CONTRACTOR'S WORK FORCE. IMMEDIATELY NOTIFY THE CONSTRUCTION MANAGER OF ANY DISCREPANCIES OR INTERFERENCE WHICH AFFECT THE WORK OF THIS CONTRACT.

3. ALL WORK SHALL BE IN ACCORDANCE WITH GOVERNING AUTHORITIES, CODES, AND REGULATIONS.

4. THE CONTRACTOR IS COMPLETELY RESPONSIBLE FOR CONTAINMENT OF SEDIMENT AND CONTROL OF EROSION ON SITE. ANY DAMAGE TO ADJACENT OR DOWNSTREAM PROPERTIES WILL BE CORRECTED BY THE CONTRACTOR AT NO EXPENSE TO THE OWNER.

5. THE CONTRACTOR SHALL MAINTAIN ADEQUATE DRAINAGE AT ALL TIMES. DO NOT ALLOW WATER TO STAND OR POND. ANY DAMAGE TO STRUCTURES OR WORK ON THE SITE CAUSED BY INADEQUATE MAINTENANCE OF DRAINAGE PROVISIONS WILL BE THE RESPONSIBILITY OF THE CONTRACTOR AND ANY COST ASSOCIATED WITH REPAIRS FOR SUCH DAMAGE WILL BE AT THE CONTRACTOR'S EXPENSE.

6. ALL WASTE MATERIAL SHALL BE PROPERLY DISPOSED OF OFF-SITE OR AS DIRECTED BY THE CONSTRUCTION MANAGER AND IN ACCORDANCE WITH JURISDICTIONAL AUTHORITIES.

7. CONTRACTOR SHALL MAINTAIN 20' HORIZONTAL CLEARANCE FROM CENTERLINE OF EXISTING POWER LINES OR AS REQUESTED BY THE POWER COMPANY.

8. SEED AND MULCH ALL DISTURBED AREAS NOT COVERED BY OTHER MATERIALS IN ACCORDANCE WITH THE SPECIFICATIONS.

9. ANY PROPERTY DAMAGE CAUSED BY THE CONTRACTOR OR HIS OPERATIONS SHALL BE CORRECTED AND/OR RESTORED TO THE SATISFACTION OF THE PROPERTY OWNER(S) AND THE CONSTRUCTION MANAGER AT NO ADDITIONAL COST TO THE OWNER.

10. NOTIFY WIRELESS PROPERTIES, LLC TWENTY-FOUR HOURS PRIOR TO CONSTRUCTION TO ALLOW THE REPRESENTATIVES TO LOOK AT THE SITE PRIOR TO EXCAVATION.

11. THE CONTRACTOR SHALL INCLUDE ALL WORK REQUIRED TO CO-LOCATE ON THE EXISTING TOWER INCLUDING ALL NECESSARY SITE IMPROVEMENTS, FOUNDATIONS, ELECTRICAL IMPROVEMENTS, ICE BRIDGE, WAVEGUIDE LADDER, SNAP INS, AND OTHER ACCESSORIES FOR COMPLETE INSTALLATION.

12. THE CONTRACTOR IS RESPONSIBLE FOR THE INSTALLATION OF THE FOLLOWING EQUIPMENT THAT WILL BE SUPPLIED BY CO-LOCATOR: ANTENNAS, COAX CABLES, AND EQUIPMENT CABINETS. THE EQUIPMENT CABINETS SHALL BE TRANSPORTED TO THE SITE BY THE CONTRACTOR. WIRELESS PROPERTIES, LLC WILL SUPPLY ANTENNA MOUNTS.

13. CONTRACTOR TO NOTIFY WIRELESS PROPERTIES, LLC REPRESENTATIVES FORTY-EIGHT HOURS BEFORE CONCRETE POURS.

UTILITY NOTES

1. APPLY FOR THE UTILITY SERVICE (TELEPHONE AND ELECTRIC) NO LATER THAN THE NEXT BUSINESS DAY FOLLOWING AWARD OF CONTRACT. COORDINATE WITH THE ELECTRIC UTILITY COMPANY FOR EXACT TRANSFORMER LOCATION, METERING REQUIREMENTS, AND SERVICE ROUTING. COORDINATE WITH THE TELEPHONE UTILITY COMPANY FOR EXACT TELEPHONE REQUIREMENTS AND ROUTING OF SERVICE.

2. ALL UTILITY RELATED WORK SHALL BE PERFORMED IN ACCORDANCE WITH APPLICABLE UTILITY REQUIREMENTS. FIELD VERIFY EXISTING UTILITY LOCATIONS PRIOR TO CONSTRUCTION.

3. THE CONTRACTOR SHALL CONTACT UTILITIES AND LOCATOR SERVICE A MINIMUM OF 72 HOURS PRIOR TO THE START OF CONSTRUCTION.

   (KY BEFORE YOU DIG 1-800-752-6007).

4. CONTRACTOR SHALL PROVIDE TRENCHING AND CONDUITS AS SHOWN OR AS REQUIRED BY LOCAL UTILITY.

EXISTING	LEGEND	NEW
X 100.5	SPOT ELEVATION	712.0
95	CONTOUR LINE	98
X	FENCE	X
	SILT FENCE	SF
	WOODS LINE	
SD	STORM DRAIN	SD
	CATCH BASIN	
R/W	RIGHT OF WAY	
●	IRON PIN SET (IPS) 5/8" REBAR	
◉	IRON PIN FOUND (IPF)	
	BENCHMARK	
	CONCRETE MON. FOUND	
	CONCRETE MON. SET	
℄	CENTERLINE	
T	TELEPHONE PEDESTAL	
OHT	OVERHEAD TELEPHONE	
UGT	UNDERGROUND TELEPHONE	
OHP	OVERHEAD POWER	
UGP	UNDERGROUND POWER	
	UTILITY POLE	
	LIGHT POLE	
W	WATER LINE	
	WATER VALVE	
UGG	NATURAL GAS LINE	
G	GAS VALVE	
ST	SANITARY SEWER	
Ⓜ	MANHOLE	

NOTE: THIS IS A GENERAL LEGEND. SOME ITEMS MAY NOT APPLY TO THIS SITE.

WIRELESS PROPERTIES

FS Land Company
T Alan Neal Company
Land Surveyors and Consulting Engineers
PO Box 17546 2313/2315 Crittenden Drive
Louisville, KY 40217
Phone: (502) 635-5866 (502) 636-5111
Fax: (502) 636-5263

STATE OF KENTUCKY
WALTER C. MARTIN
2450
12/5/08
LICENSED PROFESSIONAL ENGINEER

SITE NUMBER: KY-010

SITE NAME: MARROWBONE

SITE ADDRESS: GLASGOW ROAD MARROWBONE, KY 42759

PROPOSED LEASE AREA: AREA = 10,000 SQ. FT.

PROPERTY OWNER: WILLIAM GARMON & NANCY DAUGHERTY 10040 GLASGOW ROAD MARROWBONE, KY 42759

TOWER TYPE: SELF-SUPPORT

TOWER HEIGHT: 250'

DWG BY:	CHKD BY	DATE:
JMW	FS2	11.29.07

FSTAN PROJECT NO: 07-4890

SHEET C-1 OF 16

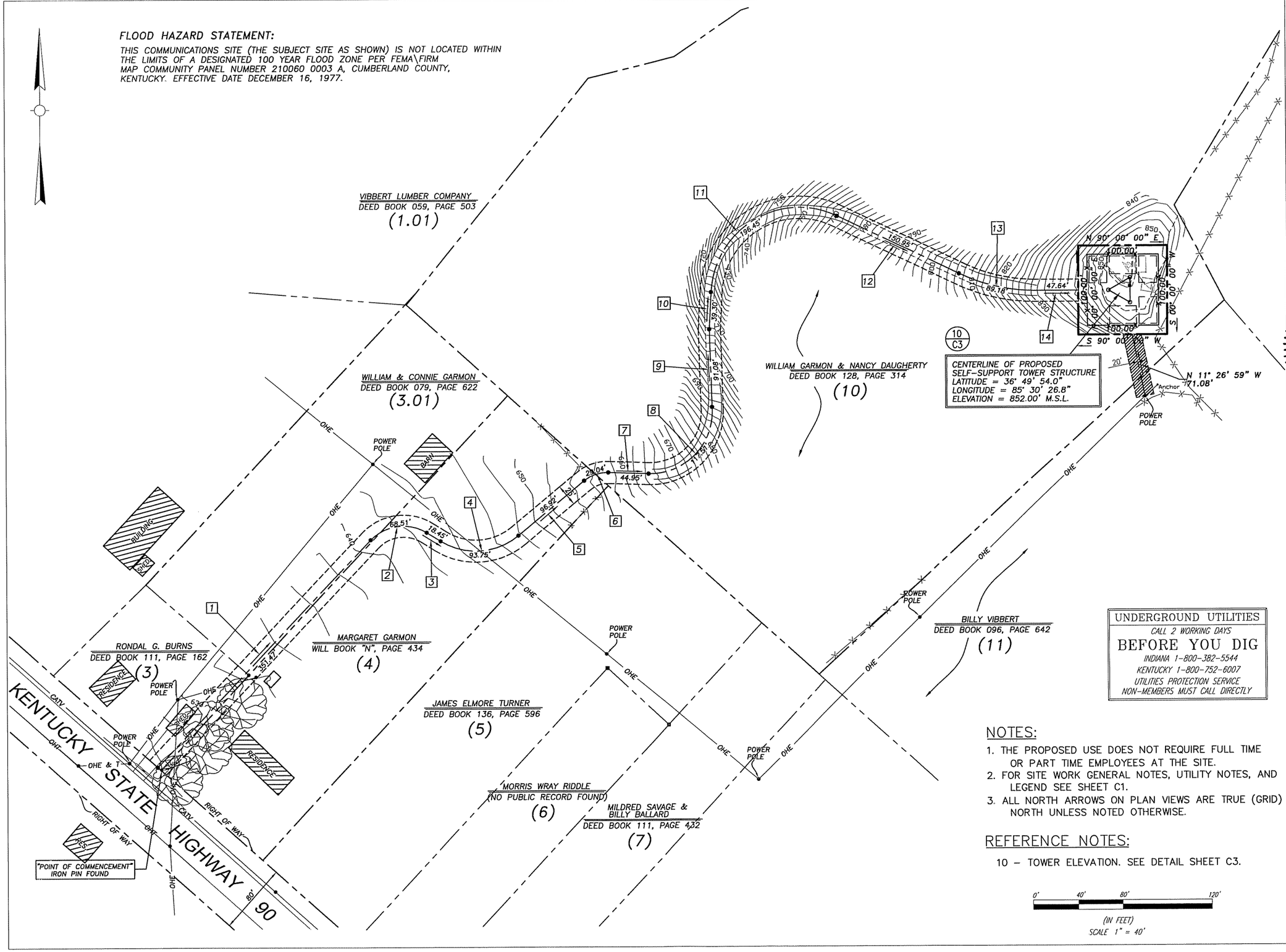
REVISIONS:

GENERAL NOTES AND LEGEND

MARROWBONE
SITE # KY-010
SITE ADDRESS: 4709 ALBEN BARKLEY
PADUCAH, KENTUCKY 40209

FLOOD HAZARD STATEMENT:

THIS COMMUNICATIONS SITE (THE SUBJECT SITE AS SHOWN) IS NOT LOCATED WITHIN THE LIMITS OF A DESIGNATED 100 YEAR FLOOD ZONE PER FEMA\FIRM MAP COMMUNITY PANEL NUMBER 210060 0003 A, CUMBERLAND COUNTY, KENTUCKY. EFFECTIVE DATE DECEMBER 16, 1977.



NOTES:

1. THE PROPOSED USE DOES NOT REQUIRE FULL TIME OR PART TIME EMPLOYEES AT THE SITE.
2. FOR SITE WORK GENERAL NOTES, UTILITY NOTES, AND LEGEND SEE SHEET C1.
3. ALL NORTH ARROWS ON PLAN VIEWS ARE TRUE (GRID) NORTH UNLESS NOTED OTHERWISE.

REFERENCE NOTES:

10 – TOWER ELEVATION. SEE DETAIL SHEET C3.

0' 40' 80' 120'

(IN FEET)
SCALE 1" = 40'

WIRELESS PROPERTIES

FStan

F.S Land Company
T. Alan Neal Company
Land Surveyors and Consulting Engineers
PO Box 17546 2313/2315 Crittenden Drive
Louisville, KY 40217
Phone: (502) 635-5866 (502) 636-5111
Fax: (502) 636-5263

STATE OF KENTUCKY
WALTER C. MARTIN
2450
LICENSED PROFESSIONAL ENGINEER
4/8/08

SITE NUMBER:
KY-010

SITE NAME:
MARROWBONE

SITE ADDRESS
GLASGOW ROAD
MARROWBONE, KY 42759

PROPOSED LEASE AREA
AREA = 10,000 SQ. FT

PROPERTY OWNER:
WILLIAM GARMON & NANCY DAUGHERTY
10040 GLASGOW ROAD
MARROWBONE, KY 42759

TOWER TYPE:
SELF-SUPPORT

TOWER HEIGHT:
250'

DWG BY:	CHKD BY:	DATE:
JMW	FS2	11.29.07

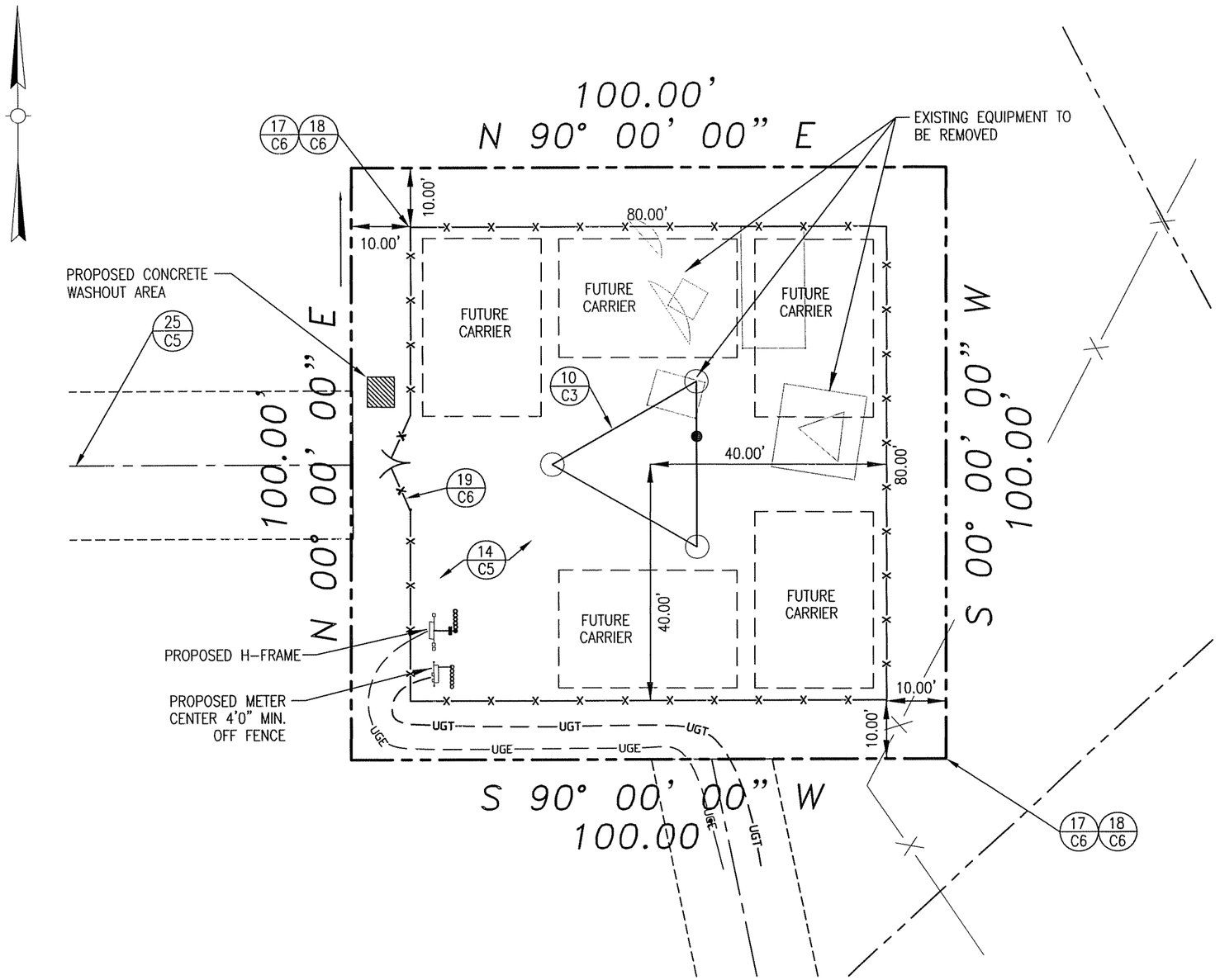
FSTAN PROJECT NO.:
07-4890

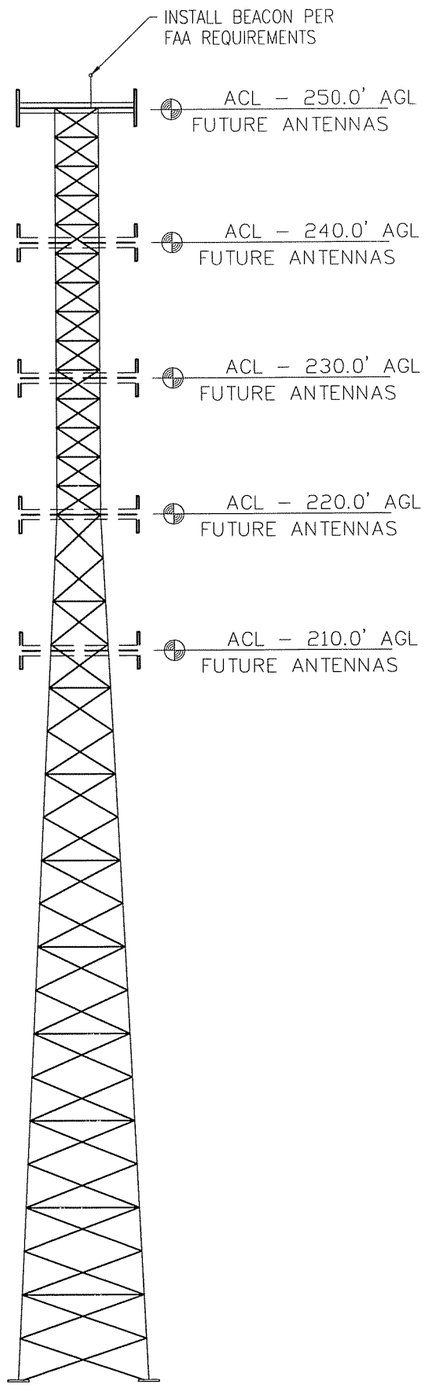
SHEET C-2 OF 16

REVISIONS:

OVERALL SITE LAYOUT

MARROWBONE
SITE # KY-010
SITE ADDRESS: 4709 ALBEN BARKLEY
PADUCAH, KENTUCKY 40209





TOWER ELEVATION 10/C2
NTS

0' 10' 20' 40'
(IN FEET)
SCALE 1" = 10'

REFERENCE NOTES:

14 – COMPOUND SURFACING. SEE DETAIL SHEET C5.
17 – WOVEN WIRE FENCE. SEE DETAIL SHEET C6.
18 – WOVEN WIRE CORNER, GATE, END, OR PULL POST. SEE DETAIL SHEET C6.
19 – 16' WOVEN WIRE DOUBLE GATE. SEE DETAIL SHEET C6.

WIRELESS PROPERTIES

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T. Alan Neal Company
Land Surveyors and Consulting Engineers
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STATE OF KENTUCKY
WALTER C. MARTIN
2450
LICENSED
PROFESSIONAL ENGINEER
2/3/08

SITE NUMBER: KY-010
SITE NAME: MARROWBONE
SITE ADDRESS: GLASGOW ROAD MARROWBONE, KY 42759
PROPOSED LEASE AREA: AREA = 10,000 SQ. FT.
PROPERTY OWNER: WILLIAM GARMON & NANCY DAUGHERTY 10040 GLASGOW ROAD MARROWBONE, KY 42759
TOWER TYPE: SELF-SUPPORT
TOWER HEIGHT: 250'

DWG BY:	CHKD BY:	DATE:
JMW	FS2	11.29.07

FSTAN PROJECT NO: 07-4890

SHEET C-3 OF 16

REVISIONS:

SITE LAYOUT PLAN

MARROWBONE
SITE # KY-010
SITE ADDRESS: 4709 ALBEN BARKLEY
PADUCAH, KENTUCKY 40209

GRADING NOTES

1. PROPOSED CONTOURS AND POT ELEVATIONS ARE SHOWN AT TOP OF CRUSHED STONE, TOP OF FOUNDATION, OR TOP OF TOPSOIL. SEE DETAILS FOR THICKNESS OF CRUSHED STONE. MASS GRADED AREAS AND CRUSHED STONE SHALL BE FINISHED WITHIN 4" OF GRADES SHOWN. FOUNDATIONS SHALL BE FINISHED WITHIN 0.5" OF GRADES SHOWN.

2. ALL TREES, ROOTS, BRUSH, AND ORGANIC MATTER (TOPSOIL) SHALL BE REMOVED BEFORE BEGINNING FILL. FILL MATERIAL SHALL BE CLEAR SOIL CONTAINING NO ROCKS LARGER THAN 6 INCHES.

3. ALL AREAS TO RECEIVE FILL SHALL FIRST BE PROOF ROLLED WITH A FULLY LOADED TANDEM DUMP TRUCK (25 TON MINIMUM) UNDER THE SUPERVISION OF THE ENGINEER OR TESTING LAB PERSONNEL. ANY AREAS WHICH EXHIBIT "PUMPING" SHALL BE UNDERCUT (OR OTHERWISE STABILIZED) TO A FIRM SOIL BEFORE PLACING FILL. ALSO, ALL FINAL SUBGRADES, WHETHER IN CUT OR FILL. ALSO, ALL FINAL SUBGRADES, WHETHER IN CUT OR FILL, SHALL BE PROOF ROLLED PRIOR TO CONSTRUCTING SLABS OR PAVEMENTS. CONTACT ENGINEER FOR DIRECTION IN SITUATIONS WHERE SOIL COMPACTION OR BEARING CAPACITY MAY BE INADEQUATE.

4. FILLS SHALL BE FORMED OF SATISFACTORY MATERIAL PLACED IN SUCCESSIVE HORIZONTAL LAYERS OF NOT MORE THAN 6 INCHES IN LOOSE DEPTH FOR THE FULL WIDTH OF EACH STRIP.

5. FILL SOIL SHALL BE PLACED AT A MOISTURE CONTENT THAT IS WITHIN MINUS 1% OR PLUS 3% POINTS OF THE OPTIMUM MOISTURE CONTENT AND TO 95% OF THE MAXIMUM DRY DENSITY AS DETERMINED BY ASTM 698 (STANDARD PROCTOR). THE UPPER 12 INCHES OF FILL SHALL BE COMPACTED TO 98%.

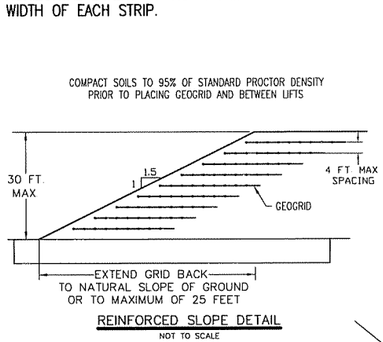
6. STANDARD PROCTOR TESTS (ASTM 698) SHALL BE DONE BY AN INDEPENDENT TESTING LABORATORY EMPLOYED BY THE CONTRACTOR. IN PLACE DENSITY TESTS SHALL BE PERFORMED ON EACH LIFT TO ENSURE PROPER PLACEMENT OF FILL MATERIAL.

7. ALL DISTURBED AREAS SHALL RECEIVE GROUND COVER. ALL AREAS TO RECEIVE GROUND COVER SHALL HAVE A MINIMUM OF 4 INCHES OF TOPSOIL. ALL FOREIGN DEBRIS SHALL BE REMOVED BEFORE PLACING TOPSOIL. AREAS WITH LESS THAN 4:1 SLOPE SHALL BE SEEDED WITH FOUR FOUNDS OF KENTUCKY 31 FESCUE AND ONE FOUND OF ANNUAL RYE PER 1,000 SQUARE FEET. SLOPES STEEPER THAN 4:1 SHALL BE SEEDED WITH A MIXTURE OF 1/4 POUND SCARIFIED SERICEA LESPEDEZA. 1/4 POUND CROWNVETCH, AND ONE POUND KENTUCKY 31 FESCUE PER 1,000 SQUARE FEET WITH 30 POUNDS PER 1,000 SQUARE FEET OF 6-12-12 FERTILIZER. SLOPES 3:1 OR STEEPER SHALL BE COVERED WITH NORTH AMERICAN GREEN EROSION CONTROL BLANKER S150 INSTALLED PER MANUFACTURERS SPECIFICATIONS (OR ENGINEER APPROVED EQUAL) TO PREVENT EROSION. CONTRACTOR SHALL WARRANTY GROUND COVER AND SLOPES FOR A PERIOD OF 1 YEAR.

8. CONFINE ALL CONSTRUCTION ACTIVITY TO PROPERTY OWNER'S PARCEL. DO NOT ENTER ADJACENT PROPERTY WITHOUT OBTAINING APPROVAL THROUGH WIRELESS PROPERTIES, LLC.

9. CONTRACTOR IS RESPONSIBLE FOR REMOVING SILT FENCE AND OTHER TEMPORARY EROSION CONTROL MEASURES AFTER GRASS IS ESTABLISHED AND STABILIZED.

10. SEE SURVEY FOR SITE BENCHMARK/CONTROL POINT.



REINFORCED SLOPE DETAIL
NOT TO SCALE

REFERENCE NOTES

1. OWNER REPRESENTATIVE FOR EROSION CONTROL IS MATT BATES / WIRELESS PROPERTIES, LLC.
2. STATE AND FEDERAL 1/2" RAINSTORM LOG TO BE KEPT ON SITE AND A COPY TO BE SUBMITTED BACK TO THE CITY IN REPORT FORM.
3. SITE EROSION CONTROLS SHALL BE CHECKED AND IF NECESSARY REPAIRED WEEKLEY AND WITHIN 24 HOURS AFTER EACH RAINFALL GREATER THAN OR EQUAL TO 1/2". IN EVENT OF CONTINUOUS RINAFALL EROSION CONTROL SHALL BE CHECKED DAILY.
4. ALL AREAS THAT REMAIN BARE GREATER THAN 15 DAYS MUST BE TEMPORARILY STABILIZED.
5. SITE IS IN NOT IN THE 100 YEAR FLOOD PLAIN. SEE SHEET A2.

0' 60' 120' 240'

(IN FEET)
SCALE: 1" = 60'

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

WIRELESS PROPERTIES

FS tan
F.S Land Company
T. Alan Neal Company
Land Surveyors and Consulting Engineers
PO Box 17546 2313/2315 Crittenden Drive
Louisville, KY 40217
Phone: (502) 635-5866 (502) 636-5111
Fax: (502) 636-5263

STATE OF KENTUCKY
WALTER C. MARTIN 2450
LICENSED PROFESSIONAL ENGINEER
2/8/08

SITE NUMBER:	KY-010
SITE NAME:	MARROWBONE
SITE ADDRESS:	KENTUCKY STATE HIGHWAY 90 MARROWBONE, KENTUCKY 42759
PROPOSED LEASE AREA:	AREA = 10,000 SQ. FT.
PROPERTY OWNER:	WILLIAM GARMON & NANCY DAUGHTERY 10040 GLASGOW ROAD MARROWBONE, KY 42759
TOWER TYPE:	SELF-SUPPORT
TOWER HEIGHT:	250'

DWG BY:	CHKD BY:	DATE:
JMW	FS2	11.11.07

FSTAN PROJECT NO. 07-4890

SHEET C-4 OF 16

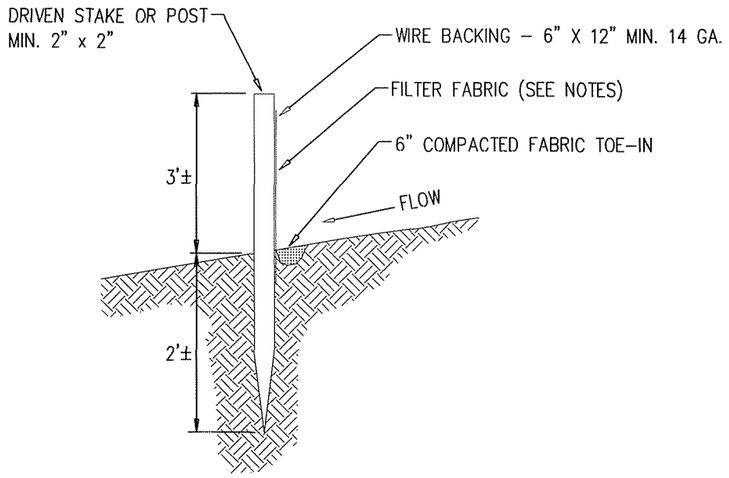
REVISIONS:

SITE GRADING PLAN

MARROWBONE

SITE # KY-010

SITE ADDRESS: KY STATE HIGHWAY 90
MARROWBONE, KENTUCKY 42759

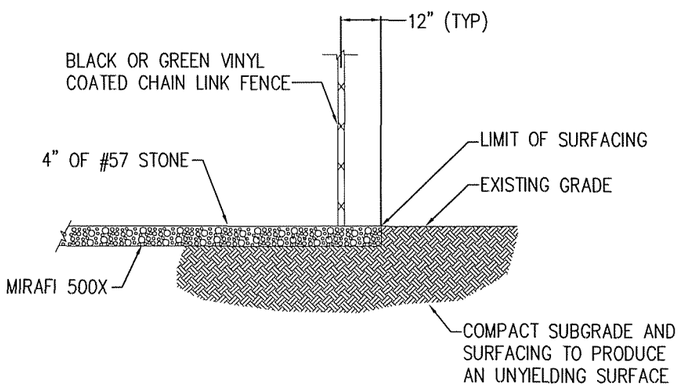


NOTES:
1. FILTER FABRIC – MIRAFI 100X, STABILENKA T–80, SUPAC 4 1/2 NP, OR APPROVED EQUAL.
2. MAXIMUM POST SPACING = 10'.
3. SECURELY FASTEN WIRE & FABRIC TO STAKES WITH WIRE TIES OR STAPLES.

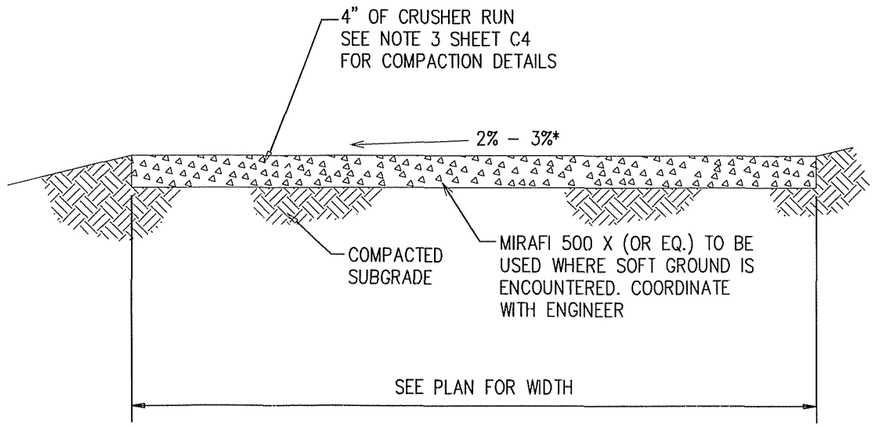
SILT FENCE DETAIL (12 / C4)
NTS

1. ALL SEDIMENT CONTROL STRUCTURES SHALL BE INSTALLED PRIOR TO ANY GRADING AND ARE TO BE MAINTAINED IN PLACE THROUGHOUT THE COURSE OF CONSTRUCTION. SEDIMENT AND EROSION CONTROL MEASURES SHALL BE PROVIDED ON ALL GRADED AND OR DISTURBED AREAS UNTIL SUCH AREAS HAVE BEEN STABILIZED WITH VEGETATIVE COVER.
2. CONTRACTOR SHALL OBTAIN APPLICABLE EROSION AND SEDIMENT CONTROL PERMIT(S) AND COMPLY WITH ALL LOCAL AND STATE LAWS. SEDIMENT SHALL NOT BE ALLOWED TO WASH INTO STORM DRAINS OR ONTO ADJACENT PROPERTIES. CONTRACTOR IS RESPONSIBLE FOR REPAIR AND/OR CLEANUP OF ANY AND ALL DAMAGES RESULTING FROM SILTATION FROM THE CONSTRUCTION SITE.
3. SEDIMENT AND EROSION CONTROL MEASURES SHOWN ON THE DRAWINGS ARE CONSIDERED MINIMUM. THE CONTRACTOR IS RESPONSIBLE FOR PROVIDING CONTROL AS NECESSARY TO PREVENT EROSION RUNOFF. ADDITIONAL EROSION CONTROL MEASURES WILL BE INSTALLED IF DEEMED NECESSARY BY ON–SITE INSPECTION.
4. IF FINES OR PENALTIES ARE LEVIED AGAINST THE PROPERTY OR PROPERTY OWNER BECAUSE OF LACK OF EROSION AND/OR SEDIMENTATION CONTROL, THE CONTRACTOR SHALL BE RESPONSIBLE FOR PAYMENT OF SUCH FINES OR PENALTIES OR THE COSTS OF ANY FINES OR PENALTIES SHALL BE DEDUCTED FROM THE CONTRACT AMOUNT.

EROSION CONTROL NOTES
NTS



COMPOUND SURFACING (14 / C3)
NTS



*SLOPE IN DIRECTION OF NATURAL FLOW – SEE PLAN

GRAVEL ACCESS ROAD (25 / C4)
NTS

WIRELESS PROPERTIES

FS Land Company
T. Alan Neal Company
Land Surveyors and Consulting Engineers
PO Box 17546 2313/2315 Crittenden Drive
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Fax: (502) 636-5263

STATE OF KENTUCKY
WALTER C. MARTIN
2450
2/8/08
LICENSED
PROFESSIONAL ENGINEER

SITE NUMBER: KY-010
SITE NAME: MARROWBONE
SITE ADDRESS: GLASGOW ROAD MARROWBONE, KY 42759
PROPOSED LEASE AREA: AREA = 10,000 SQ. FT.
PROPERTY OWNER: WILLIAM GARMON & NANCY DAUGHERTY 10040 GLASGOW ROAD MARROWBONE, KY 42759
TOWER TYPE: SELF-SUPPORT
TOWER HEIGHT: 250'

DWG BY:	CHKD BY	DATE
JMW	FS2	11.29.07

FSTAN PROJECT NO.: 07-4890

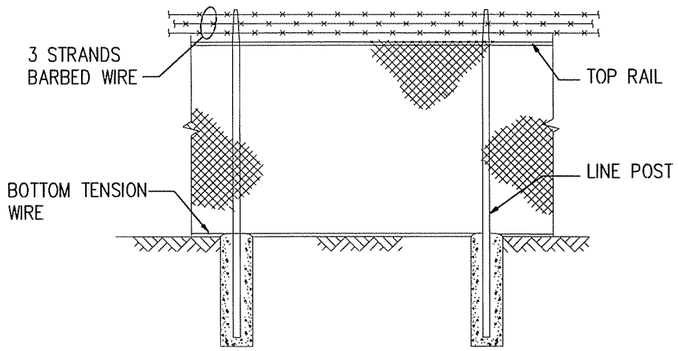
SHEET C-5 OF 16

REVISIONS:

SITE DETAILS

MARROWBONE
SITE # KY-010
SITE ADDRESS: 4709 ALBEN BARKLEY
PADUCAH, KENTUCKY 40209

CHECK LOCAL CODES FOR BARBED WIRE REQUIREMENTS.

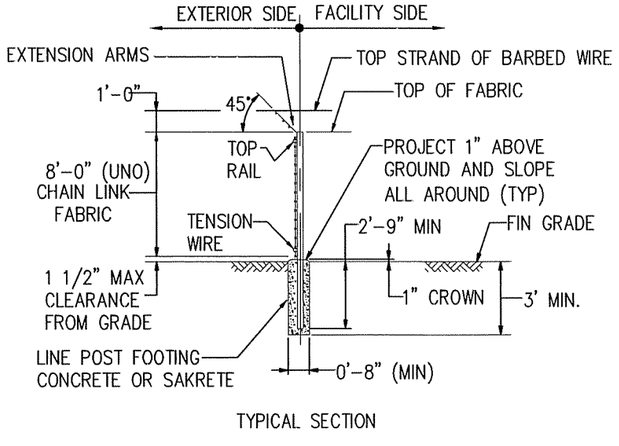


TYPICAL ELEVATION
NOT TO SCALE

TYPICAL WOVEN WIRE FENCING NOTES

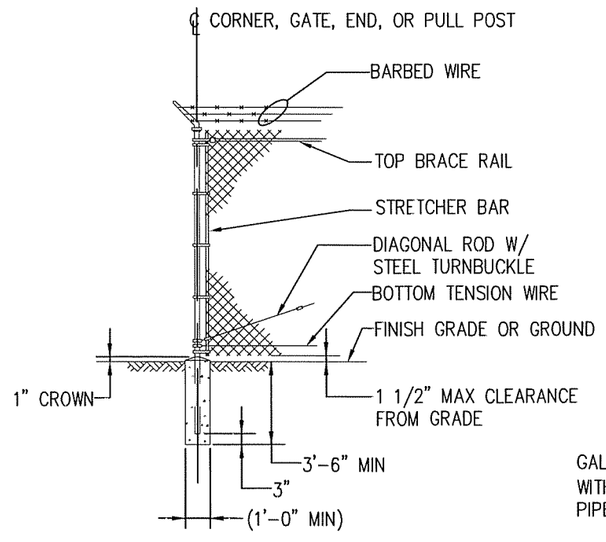
(INSTALL FENCING PER ASTM F-567, SWING GATES PER ASTM F- 900)

1. GATE POST, CORNER, TERMINAL OR PULL POST SHALL BE 2 1/2"ø SCHEDULE 40 FOR GATE WIDTHS UP THRU 6 FEET OR 12 FEET FOR DOUBLE SWING GATE PER ASTM-F1083.
2. LINE POST: 2"ø SCHEDULE 40 PIPE PER ASTM-F1083.
3. GATE FRAME: 1 1/2"ø SCHEDULE 40 PIPE PER ASTM-F1083.
4. TOP RAIL & BRACE RAIL: 1 1/2"ø SCHEDULE 40 PIPE PER ASTM-F1083.
5. FABRIC: 11 GA. CORE WIRE SIZE 2" MESH, CONFORMING TO ASTM-A392.
6. TIE WIRE: MINIMUM 11 GA GALVANIZED STEEL INSTALL A SINGLE WRAP TIE WIRE AT POSTS AND RAILS AT MAX. 24" INTERVALS.
7. INSTALL HOG RINGS ON TENSION WIRE AT 24" INTERVALS.
8. TENSION WIRE: 7 GA. GALVANIZED STEEL.
9. BARBED WIRE: DOUBLE STRAND 12-1/2 GAUGE TWISTED WIRE, 4 PT. BARBS SPACED ON APPROXIMATELY 5" CENTERS. (IF USED) GATE LATCH: 1-3/8" O.D. PLUNGER ROD W/ MUSHROOM TYPE CATCH AND LOCK (KEYED ALIKE FOR ALL SITES OR COMBINATION AS SPECIFIED BY OWNER).
10. LOCAL ORDINANCE FOR BARBED WIRE PERMIT SHALL GOVERN INSTALLATION.
11. HEIGHT = 8' VERTICAL + 1' BARBED WIRE VERTICAL DIMENSION.
12. WORK WITH SPECIFICATION 2831.
13. 1-1/16" WIDE, PDS TYPE B. OR EQUAL. FENCE SLATS SHALL BE INSTALLED PER MANUFACTURERS RECOMMENDATIONS.

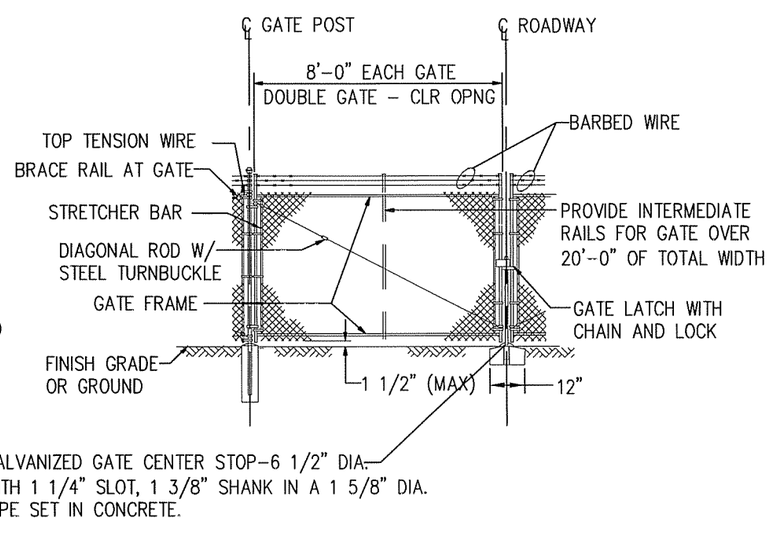


TYPICAL SECTION

WOVEN WIRE FENCE 17/C3
NTS



WOVEN WIRE CORNER, GATE, END, OR PULL POST 18/C3
NTS



WOVEN WIRE DOUBLE GATE 19/C3
NTS

WIRELESS PROPERTIES

FS tan
F.S. Land Company
T. Alan Neal Company
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PO Box 17546 2313/2315 Crittenden Drive
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STATE OF KENTUCKY
WALTER C. MARTIN
2450
LICENSED
PROFESSIONAL ENGINEER

SITE NUMBER: KY-010

SITE NAME: MARROWBONE

SITE ADDRESS: GLASGOW ROAD MARROWBONE, KY 42759

PROPOSED LEASE AREA: AREA = 10,000 SQ. FT.

PROPERTY OWNER: WILLIAM GARMON & NANCY DAUGHERTY 10040 GLASGOW ROAD MARROWBONE, KY 42759

TOWER TYPE: SELF-SUPPORT

TOWER HEIGHT: 250'

DWG BY:	CHKD BY:	DATE:
JMW	FS2	11 29 07

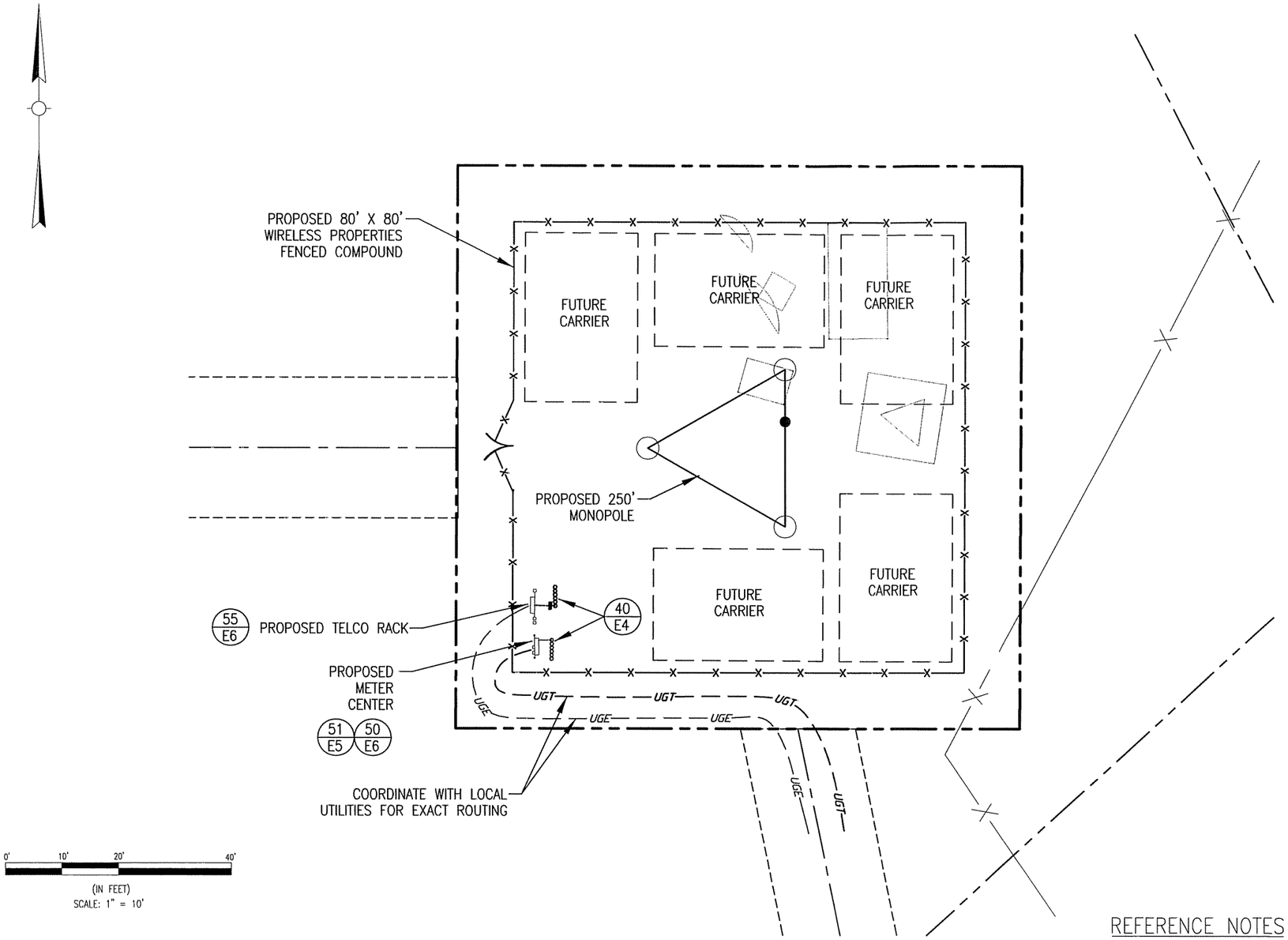
FSTAN PROJECT NO.: 07-4890

SHEET C-6 OF 16

REVISIONS:

FENCE DETAILS

MARROWBONE
SITE # KY-010
SITE ADDRESS: 4709 ALBEN BARKLEY
PADUCAH, KENTUCKY 40209



ELECTRICAL LEGEND

☐	TELEPHONE PEDESTAL
——UGT——	UNDERGROUND TELEPHONE
—— OHE & T ——	OVERHEAD ELECTRIC & TELEPHONE LINES
——OHE——	OVERHEAD ELECTRIC
——UGE——	UNDERGROUND ELECTRIC

REFERENCE NOTES

40 – CONDUIT TRENCH DETAIL. SEE DETAIL SHEET E4
50 – UTILITY CENTER DETAIL. SEE DETAIL SHEET E6
51 – ELECTRICAL SINGLE LINE DIAGRAM. SEE DETAIL SHEET E5
55 – BELLSOUTH CELLPAK H-FRAME DETAIL. SEE DETAIL SHEET E6.

UTILITY NOTES

1. RUN 2-4" PVC CONDUITS TO ELECTRIC UTILITY SERVICE ENTRANCE AND 1-4" PVC CONDUIT TO CELLPAK ON H-FRAME.

FOR ELECTRICAL NOTES, SEE SHEET E-3

WIRELESS PROPERTIES

FS-tan
F.S. Land Company
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STATE OF KENTUCKY
WALTER C. MARTIN
2450
LICENSED PROFESSIONAL ENGINEER
2/5/08

SITE NUMBER:
KY-010

SITE NAME:
MARROWBONE

SITE ADDRESS:
GLASGOW ROAD
MARROWBONE, KY 42759

PROPOSED LEASE AREA:
AREA = 10,000 SQ. FT.

PROPERTY OWNER:
WILLIAM GARMON & NANCY DAUGHERTY
10040 GLASGOW ROAD
MARROWBONE, KY 42759

TOWER TYPE:
SELF-SUPPORT

TOWER HEIGHT:
250'

DWG BY:	CHKD BY	DATE:
JMW	FS2	11.29.07

FSTAN PROJECT NO.:
07-4890

SHEET E-1 OF 16

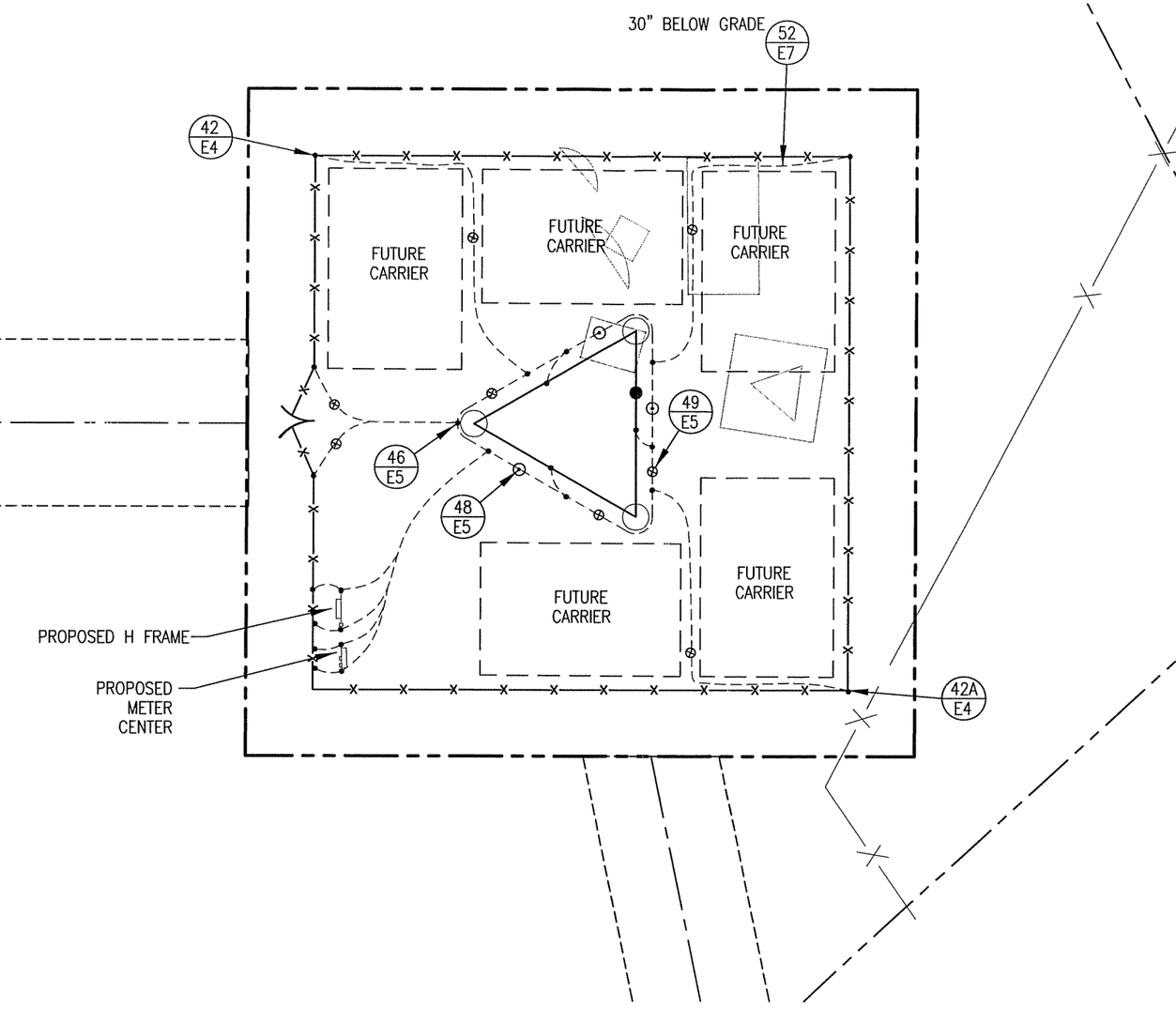
REVISIONS:

UTILITY ROUTING PLAN

MARROWBONE
SITE # KY-010
SITE ADDRESS: 4709 ALBEN BARKLEY
PADUCAH, KENTUCKY 40209

0' 5' 10' 20'

(IN FEET)
SCALE: 1" = 5'



ELECTRICAL LEGEND

- #2 AWG SOLID TINNED COPPER GROUND CABLE RUN 30" BELOW GRADE
- #2 AWG SOLID TINNED COPPER GROUND CABLE RUN ABOVE GRADE
- 10' X 5/8" DIAMETER COPPER CLAD, STEEL GROUND ROD.
- PARALLEL CADWELD
- CADWELD WITH INSPECTION SLEEVE
- CHEMICAL GROUND ROD

REFERENCE NOTES

42 – FENCE GROUNDING. SEE DETAIL SHEET E4.
42A = FENCE GATE GROUNDING. SEE DETAIL SHEET E4.
46 – EXOTHERMIC WELD TO BASE PLATE. SEE DETAIL SHEET E5.
48 – INSPECTION SLEEVE DETAIL. SEE DETAIL SHEET E5.
49 – GROUND ROD DETAIL. SEE DETAIL SHEET E5.
52 – GROUNDING SYSTEM SINGLE LINE DIAGRAM. SEE DETAIL SHEET E7.

FOR GROUNDING NOTES, SEE SHEET E3.

ALL GROUND LEADS THAT EXTEND ABOVE GRADE ARE TO BE CADWELDED.

WIRELESS PROPERTIES

FS Land Company
T Alan Neal Company
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STATE OF KENTUCKY
WALTER C. MARTIN
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LICENSED
PROFESSIONAL ENGINEER
2/6/08

SITE NUMBER:
KY-010

SITE NAME:
MARROWBONE

SITE ADDRESS:
GLASGOW ROAD
MARROWBONE, KY 42759

PROPOSED LEASE AREA:
AREA = 10,000 SQ. FT.

PROPERTY OWNER:
WILLIAM GARMON & NANCY DAUGHERTY
10040 GLASGOW ROAD
MARROWBONE, KY 42759

TOWER TYPE:
SELF-SUPPORT

TOWER HEIGHT:
250'

DWG BY:	CHKD BY:	DATE
JMW	FS2	11.29.07

FSTAN PROJECT NO.:
07-4890

SHEET E-2 OF 16

REVISIONS:

SITE GROUNDING PLAN

MARROWBONE
SITE # KY-010
SITE ADDRESS: 4709 ALBEN BARKLEY
PADUCAH, KENTUCKY 40209

ELECTRICAL NOTES:

1. APPLY FOR UTILITY SERVICE (TELEPHONE AND ELECTRIC) NO LATER THAN THE NEXT BUSINESS DAY FOLLOWING AWARD OF CONTRACT. COORDINATE WITH ELECTRIC UTILITY COMPANY FOR EXACT TRANSFORMER LOCATION, METERING REQUIREMENTS, AND SERVICE ROUTING. PROVIDE COPIES OF RECEIPTS VERIFYING APPLICATION FOR ELECTRICAL SERVICE AND CONFIRM FROM UTILITY AS TO WHEN SERVICE WILL BE AVAILABLE.
2. RUN 1–4" RGS TELCO CONDUIT TO THE NEW UTILTY POLE. COORDINATE WITH TELCO UTILITY FOR INSTALLATION REQUIREMENTS. INSTALL RACK FOR TELCO JUNCTION BOX/CELLPAK AFTER CONFIRMING THAT THIS IS ACCEPTABLE TO TELCO UTILITY.
3. IF CELLPAK IS REQUIRED, GENERAL CONTRACTOR TO PROVIDE RACK, CONDUITS, AND EQUIPMENT PER BELLSOUTH. 3/4"FLEX CONDUIT BETWEEN TELCO STUB–UP AND CELL–PAK. IF SITE IS "NEW CONSTRUCTION" AND TELCO IS BEING BROUGHT DIRECTLY INTO H–FRAME, GENERAL CONTRACTOR IS TO STUB TELCO CONDUIT (4") UP 6" OUTSIDE RIGHT LEG OF H–FRAME FOR BELLSOUTH PEDESTAL PLACEMENT.
4. AT THE NEW UTILITY POLE, TURN 4–3" POWER CONDUITS UP POLE WITH SCHEDULE 80 PVC AND EXTEND TO A WEATHERHEAD. VERIFY EXACT HEIGHT OF WEATHERHEAD WITH POWER COMPANY. STUB UP AND CAP SPARE 2–3" CONDUITS AT POLE.
5. ALL CONDUITS ENTERING THE UTILITY CENTER SHALL BE SEALED WITH SEALANTS THAT ARE IDENTIFIED FOR USE WITH THE CABLE INSULATION, SHIELD, OR OTHER COMPONENTS. A BEAD OF SILICONE SHALL BE PLACED AROUND ALL CONDUIT PENETRATIONS INTO THE UTILITY CENTER.
6. ALL ELECTRICAL AND GROUNDING AT THE SITE SHALL COMPLY WITH THE NATIONAL ELECTRIC CODE, NFPA 70 AND STANDARD FOR THE INSTALLATION OF LIGHTING PROTECTIONSYSTEMS (LATEST EDITION) NFPA 780.
7. PROVIDE 2 PULL STRINGS SECURELY FASTENED AT EACH END OF THE CONDUIT. PULL STRING TO BE 200LB TEST POLYETHENE CORD. PROVIDE CAP ON END OF THE CONDUITS WITH IDENTIFICATION OF ROUTING.
8. CONTRACTOR TO COORDINATE ALL NECESSARY STEPS INCLUDING BUT NOT LIMITED TO SCHEDULING OF INSPECTION, ETC...IN ORDER TO SECURE CONDITIONAL POWER. THIS PROCESS SHOULD BE INITIATED AT THE SAME TIME THE BUILDING PERMIT IS PULLED OR AT A TIME THAT BEST FACILITATES GETTING A METER PLACED ON SITE AND IN SERVICE.
9. GENERAL CONTRACTOR IS RESPONSIBLE FOR ENSURING THE COMPLETE COMPACTION AND RESTORATION OF ALL UTILITY TRENCHES TO THE SATISFACTION OF WIRELESS PROPERTIES AND PROPERTY OWNER, REGARDLESS OF THE PARTY PROVIDING INSTALLATION OF UTILITIES.
10. PROVIDE AND INSTALL WARNING TAPE FOR ELECTRIC SERVICE CONDUIT 12" BELOW GRADE. SEE CONDUIT SECTION ON SHEET E4.
11. ENCASE CONDUITS IN CONCRETE WHERE THEY CROSS ROADS.

GROUNDING NOTES:

1. TO PROTECT PERSONNEL FROM ELECTRICAL SHOCK AND ENSURE SAFE, RELIABLE OPERATION OF EQUIPMENT, THE GROUNDING SYSTEM SHALL PROVIDE A LOW IMPEDANCE PATH TO EARTH FOR LIGHTNING AND FAULT CURRENT SURGES. THE GROUNDING RESISTANCE IS REQUIRED TO BE 5 OHMS OR LESS.
2. INSTALL GROUND RING 2 FEET MAX OUTSIDE OF EQUIPMENT PAD FOUNDATION AND 30 INCHES BELOW GRADE. GROUND RING CONSISTS OF #2 AWG SOLID BARE TINNED COPPER. WIRELESS PROPERTIES REPRESENTATIVE TO INSPECT GROUNDING BEFORE BACKFILLING OR GENERAL CONTRACTOR WILL TAKE DIGITAL PHOTOS PRIOR TO BACKFILLING.
3. CADWELD ALL CONNECTIONS TO BURIED GROUND RING WITH PARALLEL WELDS. EXCEPTION: USE TEE WELDS FOR CONNECTIONS TO GROUND RODS.
4. GROUND ALL EXTERIOR EXPOSED METAL OBJECTS. USE TWO HOLE MECHANICAL CONNECTORS (T & B 32007) FOR CONNECTION TO FLAT METAL SURFACES. PROVIDE STAINLESS STEEL HARDWARE AND LOCKWASHERS ON ALL MECHANICAL CONNECTIONS. APPLY ANTI–OXIDE COMPOUND TO CONNECTIONS.
5. ALL ATTACHMENTS TO GROUND LOOP AND SUPPLEMENTAL GROUND CABLE ARE TO BE 90° BEND RADIUS IN 8" AND BE IN A COUNTERCLOCKWISE DIRECTION WITH PARALLEL CADWELDS. MAKE ALL GROUNDING CONNECTIONS AS SHORT AS POSSIBLE.
6. CLEAN ALL SURFACES AND BRUSH WITH BRONZE BRUSH PRIOR TO MAKING GROUND CONNECTIONS. PAINT ALL EXOTHERMIC WELDS TO GALVANIZED OBJECTS WITH GALVANIZED PAINT.
7. INSTALL 5/8" x 10' COPPER CLAD GROUND RODS IN LOCATIONS SHOWN ON GROUNDING PLAN.
8. THE TOP OF THE UTILITY METER GROUND ROD IS TO BE 6" ABOVE THE SUB–GRADE, FOR INSPECTION BY LOCAL AUTHORITY. THE GROUND ROD IS NOT TO BE TIED INTO THE COUNTERPOISE.
9. PROVIDE GROUNDING FOR ALL OWNER FURNISHED EQUIPMENT PER THE EQUIPMENT MANUFACTURER'S INSTRUCTIONS AND BOND TO THE EQUIPMENT GROUND RING.
10. IF INSTALLING CHEMICAL GROUND RODS, GENERAL CONTRACTOR SHALL REMOVE AND PRESENT TO CONSTRUCTION MANAGER THE TAPE USED TO SEAL THE TOP AND BOTTOM OF CHEMICAL GROUND ROD.

WIRELESS PROPERTIES

FS tan
F.S. Land Company
T. Alan Neal Company
Land Surveyors and Consulting Engineers
PO Box 17546 2313/2315 Crittenden Drive
Louisville, KY 40217
Phone: (502) 635–5866 (502) 636–5111
Fax: (502) 636–5263

STATE OF KENTUCKY
WALTER C. MARTIN
2450
LICENSED PROFESSIONAL ENGINEER
12/8/08

SITE NUMBER: KY–010

SITE NAME: MARROWBONE

SITE ADDRESS: GLASGOW ROAD MARROWBONE, KY 42759

PROPOSED LEASE AREA: AREA = 10,000 SQ. FT

PROPERTY OWNER: WILLIAM GARMON & NANCY DAUGHERTY 10040 GLASGOW ROAD MARROWBONE, KY 42759

TOWER TYPE: SELF–SUPPORT

TOWER HEIGHT: 250'

DWG BY:	CHKD BY:	DATE:
JMW	FS2	11.29.07

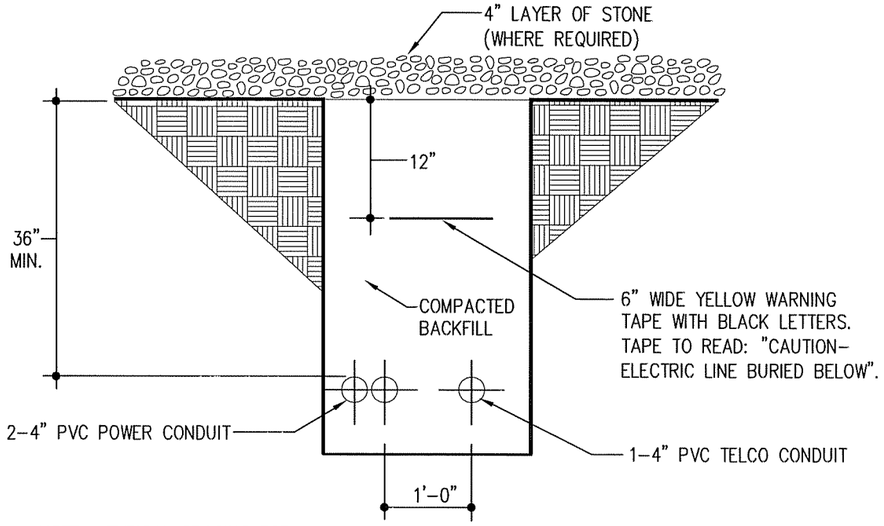
FSTAN PROJECT NO.: 07–4890

SHEET E–3 OF 16

REVISIONS:

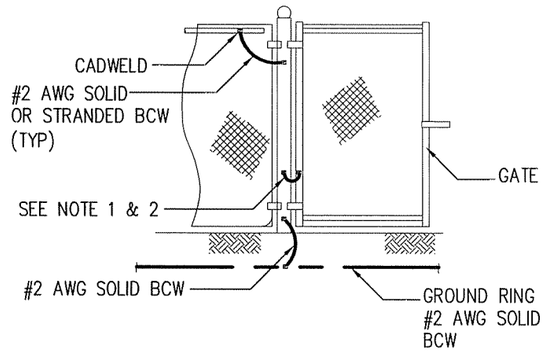
ELECTRICAL NOTES

MARROWBONE
SITE # KY-010
SITE ADDRESS: 4709 ALBEN BARKLEY
PADUCAH, KENTUCKY 40209



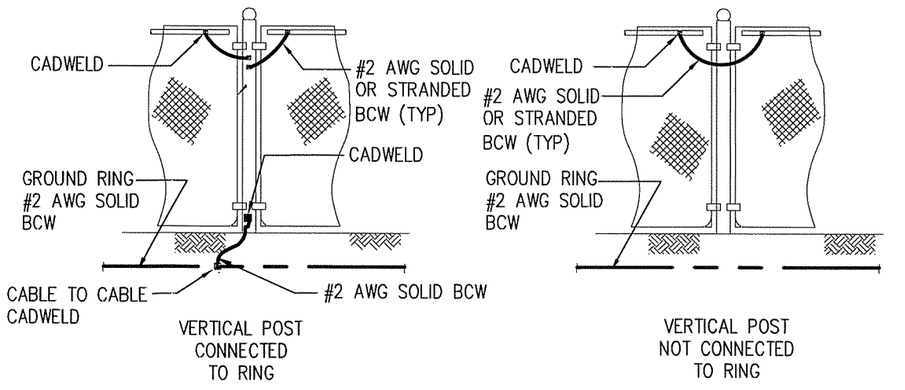
NOTE: TYPICAL SPACING FOR ALL UNDERGROUND CONDUITS

CONDUIT TRENCH DETAIL 40/E1
NTS



NOTES:
1. GATE JUMPER SHALL BE #4/0 AWG WELDING CABLE OR FLEXIBLE COPPER BRAID BURNDY TYPE B WITH SLEEVES ON EACH END DESIGNED FOR EXOTHERMIC WELDING.
2. GATE JUMPER SHALL BE INSTALLED SO THAT IT WILL NOT BE SUBJECTED TO DAMAGING STRAIN WHEN GATE IS FULLY OPEN IN EITHER DIRECTION.

FENCE GATE GROUNDING 42A/E2
NTS



NOTES:
1. VERTICAL POSTS SHALL BE BONDED TO THE RING AT EACH CORNER AND AT EACH GATE POST. AS A MINIMUM ONE VERTICAL POST SHALL BE BONDED TO THE GROUND RING IN EVERY 100 FOOT STRAIGHT RUN OF FENCE.

FENCE GROUNDING 42/E2
NTS

WIRELESS PROPERTIES

FS Land Company
T Alan Neal Company
Land Surveyors and Consulting Engineers
PO Box 17546 2313/2315 Crittenden Drive
Louisville, KY 40217
Phone: (502) 635-5866 (502) 636-5111
Fax: (502) 636-5263

STATE OF KENTUCKY
WALTER C. MARTIN
2450
LICENSED
PROFESSIONAL ENGINEER
7/8/08

SITE NUMBER:	KY-010
SITE NAME:	MARROWBONE
SITE ADDRESS:	GLASGOW ROAD MARROWBONE, KY 42759
PROPOSED LEASE AREA:	AREA = 10,000 SQ. FT.
PROPERTY OWNER:	WILLIAM GARMON & NANCY DAUGHERTY 10040 GLASGOW ROAD MARROWBONE, KY 42759
TOWER TYPE:	SELF-SUPPORT
TOWER HEIGHT:	250'

DWG BY:	CHKD BY:	DATE:
JMW	FS2	11.29.07

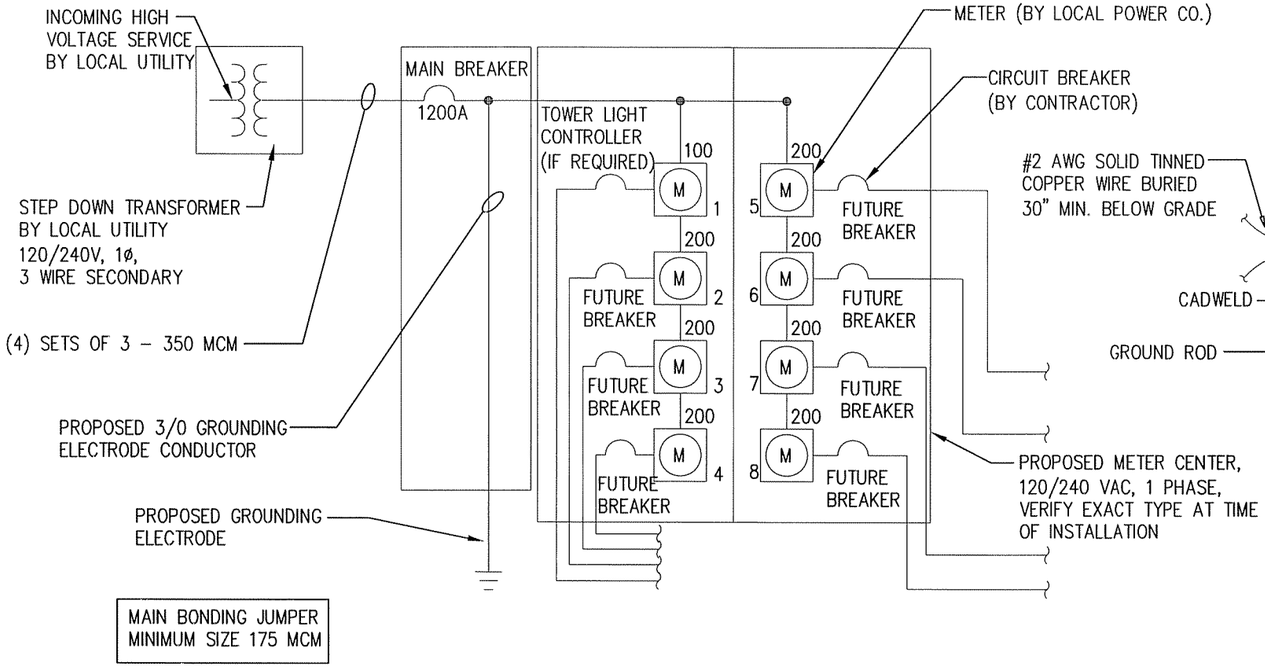
FSTAN PROJECT NO.
07-4890

SHEET E-4 OF 16

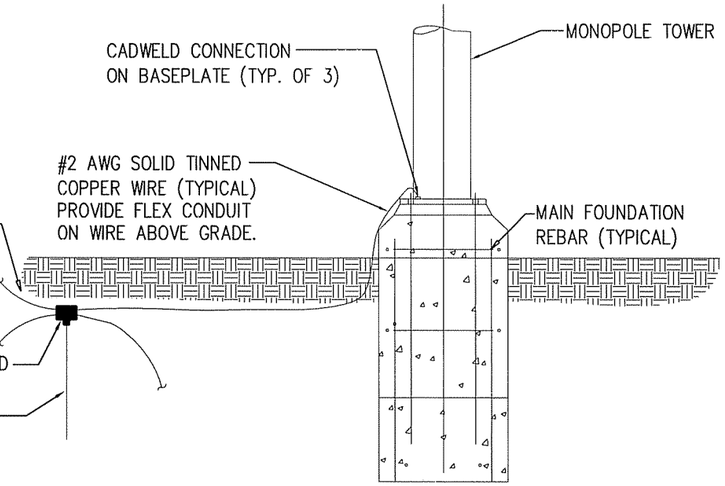
REVISIONS:

ELECTRICAL DETAILS

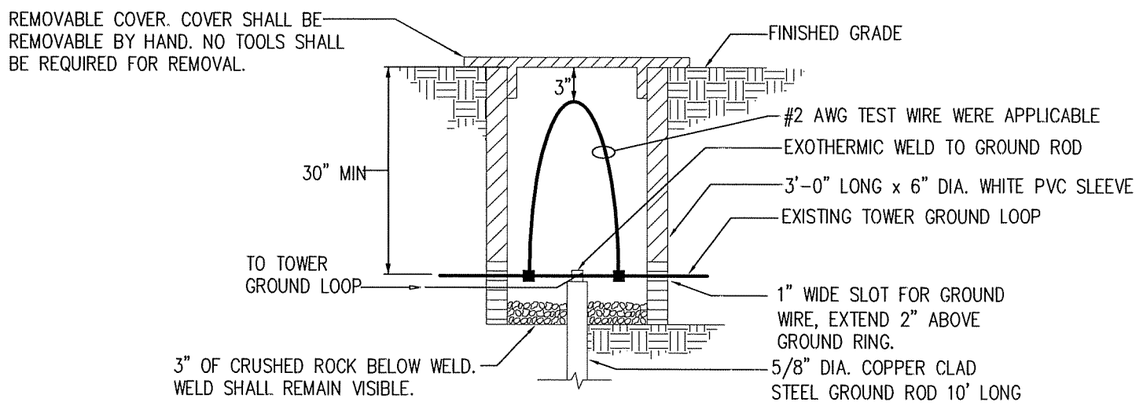
MARROWBONE
SITE # KY-010
SITE ADDRESS: 4709 ALBEN BARKLEY
PADUCAH, KENTUCKY 40209



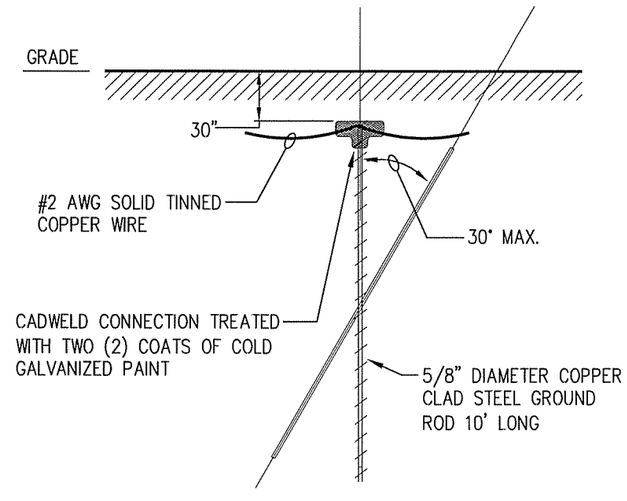
ELECTRICAL SINGLE LINE DIAGRAM (51 / E1)
NTS



EXOTHERMIC WELD TO TOWER BASE PLATE (46 / E2)
NTS



INSPECTION SLEEVE DETAIL (48 / E2)
NTS



GROUND ROD DETAIL (49 / E2)
NTS

WIRELESS PROPERTIES

FS tan
F.S. Land Company
T. Alan Neal Company
Land Surveyors and Consulting Engineers
PO Box 17546 2313/2315 Crittenden Drive
Louisville, KY 40217
Phone: (502) 635-5866 (502) 636-5111
Fax: (502) 636-5263

STATE OF KENTUCKY
WALTER C. MARTIN
2450
LICENSED
PROFESSIONAL ENGINEER

SITE NUMBER:
KY-010

SITE NAME:
MARROWBONE

SITE ADDRESS:
GLASGOW ROAD
MARROWBONE, KY 42759

PROPOSED LEASE AREA
AREA = 10,000 SQ. FT

PROPERTY OWNER:
WILLIAM GARMON & NANCY DAUGHERTY
10040 GLASGOW ROAD
MARROWBONE, KY 42759

TOWER TYPE:
SELF-SUPPORT

TOWER HEIGHT:
250'

DWG BY:	CHKD BY:	DATE:
JMW	FS2	11.29.07

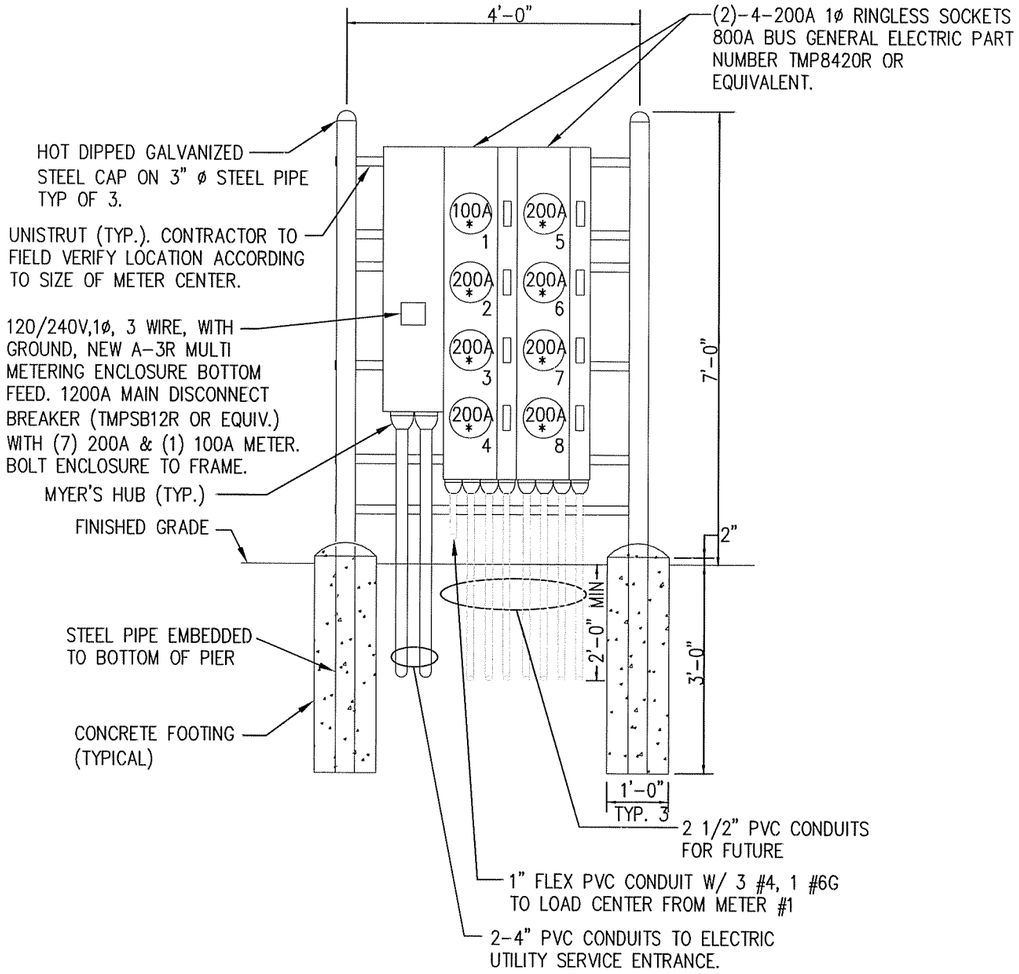
FSTAN PROJECT NO.:
07-4890

SHEET E-5 OF 16

REVISIONS:

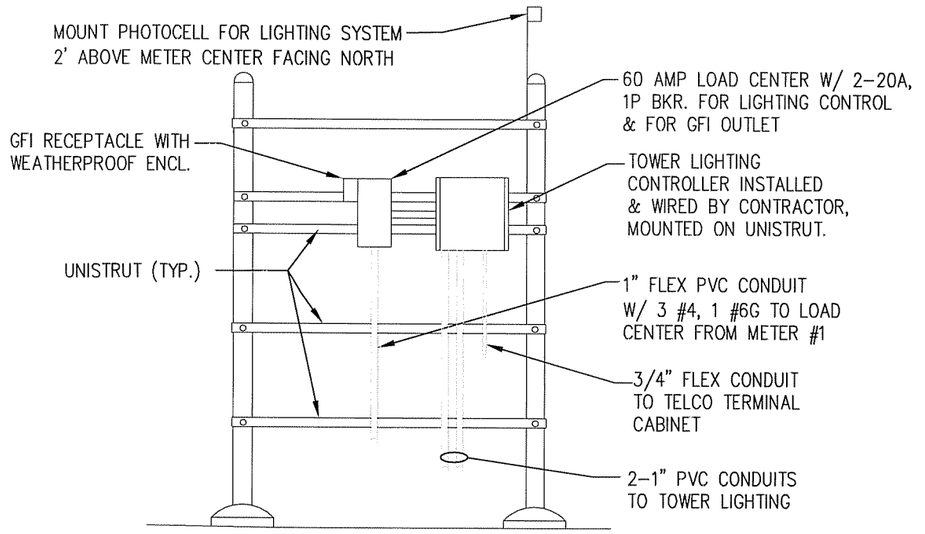
ELECTRICAL DETAILS

MARROWBONE
SITE # KY-010
SITE ADDRESS: 4709 ALBEN BARKLEY
PADUCAH, KENTUCKY 40209



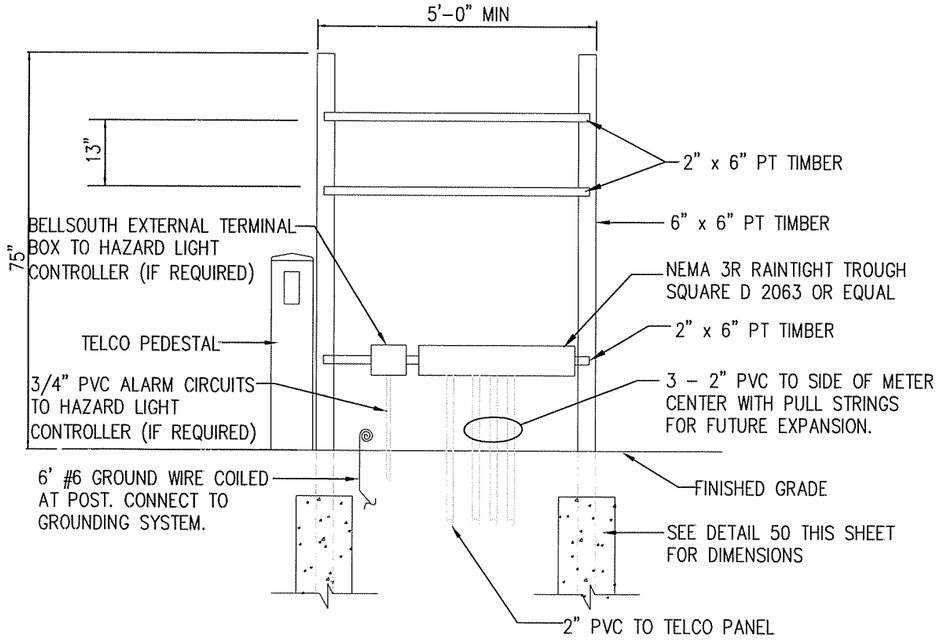
NOTES:
1. PROVIDE 3' CLEAR BETWEEN METERS & FENCE.
2. MAIN DISCONNECTS ARE REQUIRED WHEN THERE ARE MORE THAN SIX UTILITY DISCONNECTS AT ONE LOCATION PER NEC.

UTILITY CENTER DETAILS (50/E1)
NTS



NOTE: MOUNT ON REAR OF METER CENTER (IF REQUIRED).

TOWER LIGHT CONTROLLER
NTS



BELLSOUTH CELLPAK H-FRAME DETAIL (55/E1)
NTS

WIRELESS PROPERTIES

FS tan
F.S. Land Company
T. Alan Neal Company
Land Surveyors and Consulting Engineers
PO Box 17546 2313/2315 Crittenden Drive
Louisville, KY 40217
Phone: (502) 635-5866 (502) 636-5111
Fax: (502) 636-5263

STATE OF KENTUCKY
WALTER C. MARTIN
2450
LICENSED
PROFESSIONAL ENGINEER
2/8/08

SITE NUMBER: KY-010
SITE NAME: MARROWBONE
SITE ADDRESS: GLASGOW ROAD MARROWBONE, KY 42759
PROPOSED LEASE AREA: AREA = 10,000 SQ. FT
PROPERTY OWNER: WILLIAM GARMON & NANCY DAUGHERTY 10040 GLASGOW ROAD MARROWBONE, KY 42759
TOWER TYPE: SELF-SUPPORT
TOWER HEIGHT: 250'

DWG BY:	CHKD BY:	DATE:
JMW	FS2	11.29.07

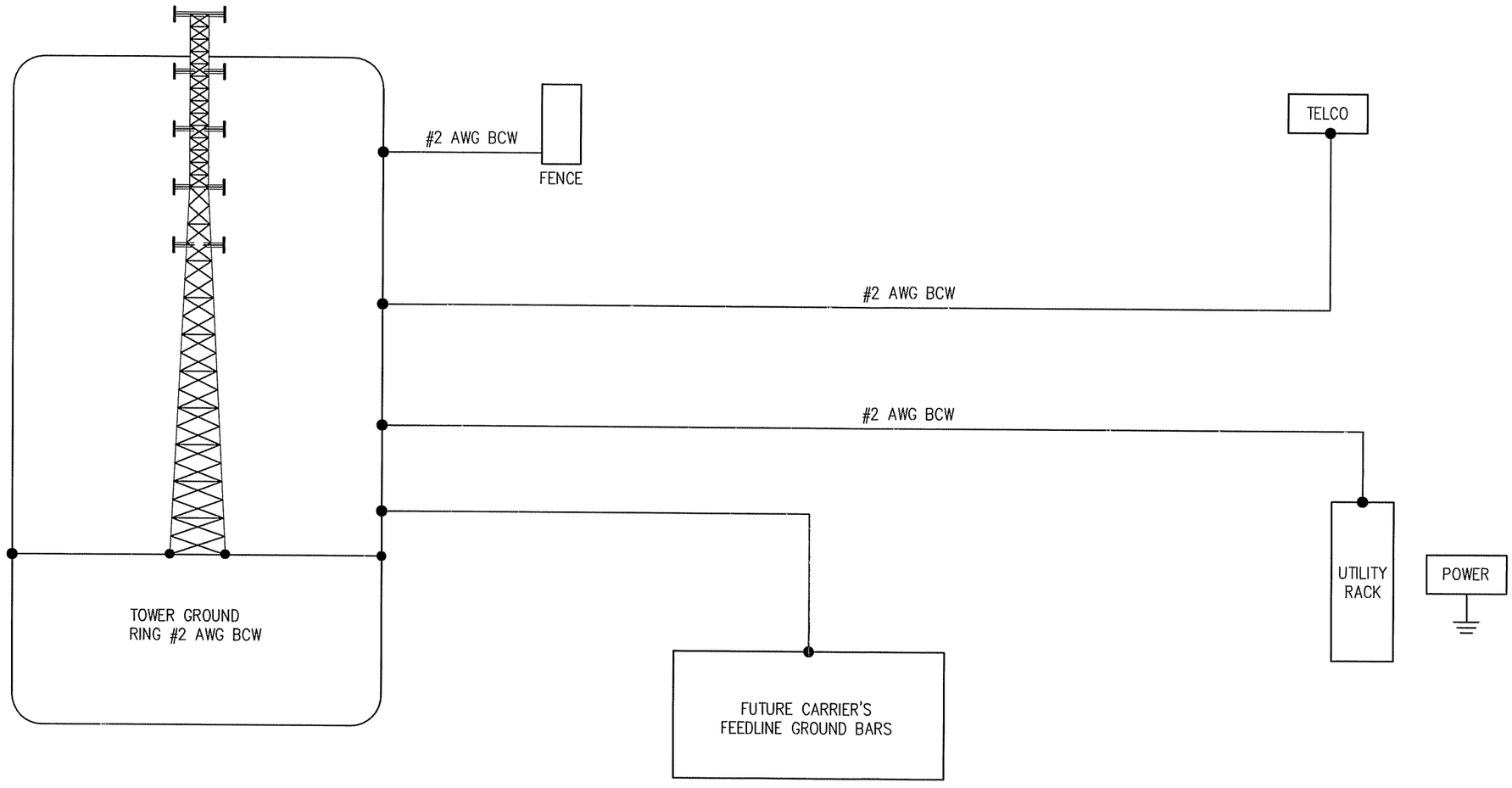
FSTAN PROJECT NO.: 07-4890

SHEET E-6 OF 16

REVISIONS:

UTILITY CENTER DETAILS

MARROWBONE
SITE # KY-010
SITE ADDRESS: 4709 ALBEN BARKLEY
PADUCAH, KENTUCKY 40209



GROUNDING SYSTEM SINGLE LINE DIAGRAM (52/E2)

NTS

WIRELESS PROPERTIES

FSTan

F.S. Land Company
T Alan Neal Company
Land Surveyors and Consulting Engineers
PO Box 17546 2313/2315 Crittenden Drive
Louisville, KY 40217
Phone: (502) 635-5866 (502) 636-5111
Fax: (502) 636-5263

STATE OF KENTUCKY
WALTER C. MARTIN
2450
LICENSED PROFESSIONAL ENGINEER
2/8/08

SITE NUMBER:
KY-010

SITE NAME:
MARROWBONE

SITE ADDRESS:
GLASGOW ROAD
MARROWBONE, KY 42759

PROPOSED LEASE AREA
AREA = 10,000 SQ. FT.

PROPERTY OWNER:
WILLIAM GARMON & NANCY DAUGHERTY
10040 GLASGOW ROAD
MARROWBONE, KY 42759

TOWER TYPE:
SELF-SUPPORT

TOWER HEIGHT:
250'

DWG BY:	CHKD BY:	DATE:
JMW	FS2	11.29.07

FSTAN PROJECT NO.:
07-4890

SHEET E-7 OF 16

REVISIONS:

GROUNDING
SINGLE LINE

MARROWBONE
SITE # KY-010
SITE ADDRESS: 4709 ALBEN BARKLEY
PADUCAH, KENTUCKY 40209

GENERAL NOTES:

1. PARCEL NUMBERS SHOWN THUS (00), REFER TO TAX MAP NO. 010-05, OF THE PROPERTY VALUATION OFFICE OF CUMBERLAND COUNTY, KENTUCKY.
2. THIS LOCAL PROPERTY PLAN DOES NOT CONSTITUTE A BOUNDARY SURVEY OF THE UNDERLYING LANDOWNER'S PROPERTY. THIS IS NOT A REQUIREMENT UNDER THE CURRENT "SCOPE OF SERVICES" REQUESTED BY HEMPHILL CORPORATION OF THIS SURVEYOR.
3. PROPERTY OWNERS:
   WILLIAM GARMON & NANCY DAUGHTERY
   10040 GLASGOW ROAD
   MARROWBONE, KY 42759

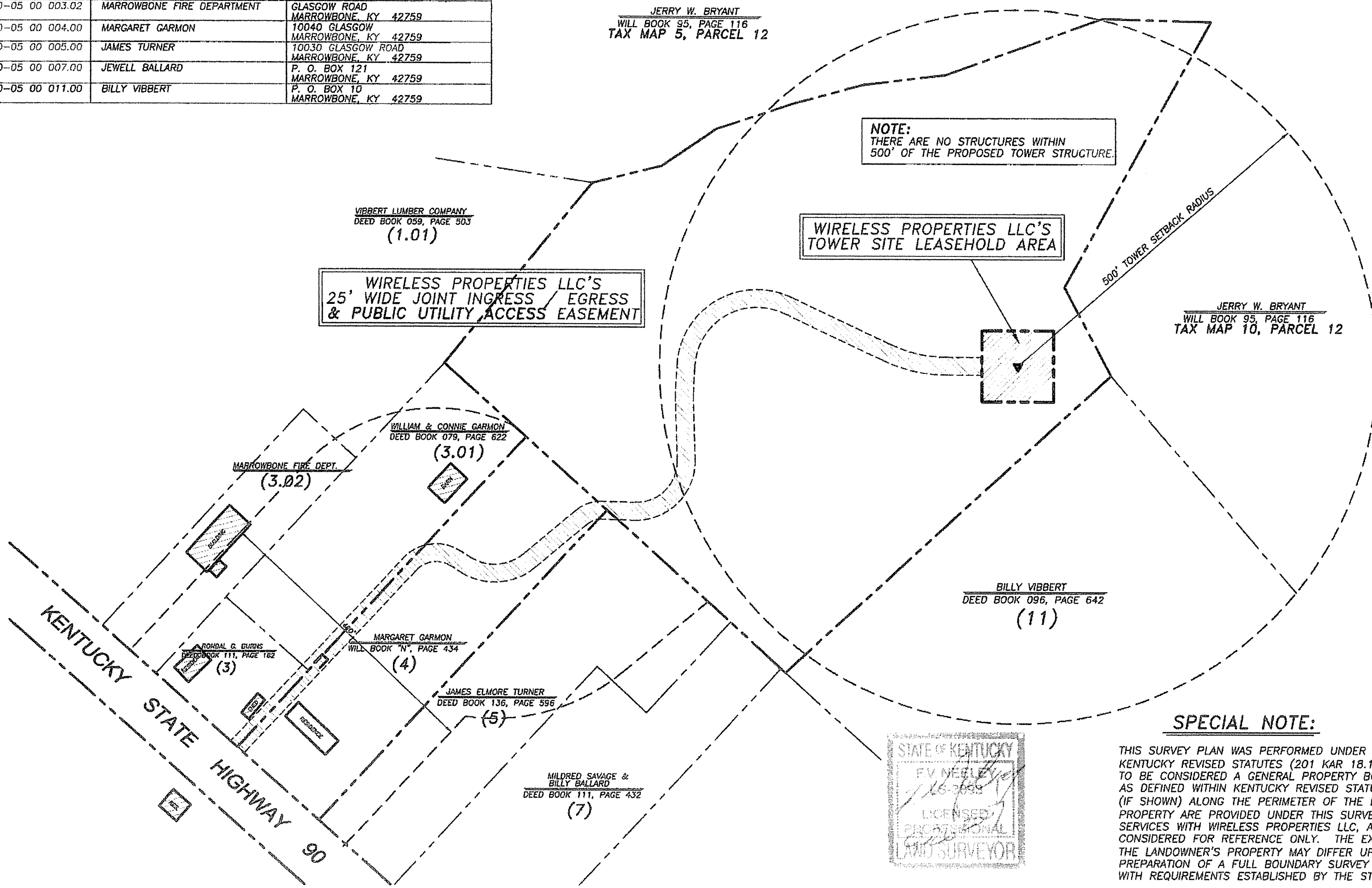
TAX MAP	PROPERTY OWNER	MAILING ADDRESS
010-00 00 008.00	BETTY CLARK	111 LEACH COURT GLASGOW, KY 42141
010-00 00 012.00	JERRY W. BRYANT	P. O. BOX 64 MARROWBONE, KY 42759
010-05 00 001.01	VIBBERT LUMBER COMPANY	P. O. BOX 9 MARROWBONE, KY 42759
010-05 00 003.00	RONDAL G. BURNS	10068 GLASGOW ROAD MARROWBONE, KY 42759
010-05 00 003.01	WILLIAM K. GARMON	P. O. BOX 168 MARROWBONE, KY 42759
010-05 00 003.02	MARROWBONE FIRE DEPARTMENT	GLASGOW ROAD MARROWBONE, KY 42759
010-05 00 004.00	MARGARET GARMON	10040 GLASGOW MARROWBONE, KY 42759
010-05 00 005.00	JAMES TURNER	10030 GLASGOW ROAD MARROWBONE, KY 42759
010-05 00 007.00	JEWELL BALLARD	P. O. BOX 121 MARROWBONE, KY 42759
010-05 00 011.00	BILLY VIBBERT	P. O. BOX 10 MARROWBONE, KY 42759

KY SPC (SINGLE ZONE) GRID NORTH

75 0 75 150 225

Scale 1" = 150'

GRAPHIC SCALE



STATE OF KENTUCKY
F V NEELEY
LICENSED PROFESSIONAL LAND SURVEYOR

SPECIAL NOTE:

THIS SURVEY PLAN WAS PERFORMED UNDER THE AUTHORITY OF KENTUCKY REVISED STATUTES (201 KAR 18.150), AND IS NOT TO BE CONSIDERED A GENERAL PROPERTY BOUNDARY SURVEY AS DEFINED WITHIN KENTUCKY REVISED STATUTES. DIMENSIONS (IF SHOWN) ALONG THE PERIMETER OF THE LANDOWNER'S PROPERTY ARE PROVIDED UNDER THIS SURVEYOR'S SCOPE OF SERVICES WITH WIRELESS PROPERTIES LLC, AND ARE TO BE CONSIDERED FOR REFERENCE ONLY. THE EXACT LOCATION OF THE LANDOWNER'S PROPERTY MAY DIFFER UPON THE PREPARATION OF A FULL BOUNDARY SURVEY IN ACCORDANCE WITH REQUIREMENTS ESTABLISHED BY THE STATE OF KENTUCKY.

REVISIONS:

PROJECT NO: 27.163.20
AUGUST 23, 2007
DRAWN BY: L.E.F.
CHECKED BY: F.V.N.

SHARONDALE SURVEYING INC.
4205 HILLSBORO PIKE
HOBBS BUILDING SUITE 301
NASHVILLE, TN. 37215
(615) 292-0435
FAX (615) 292-7870

WIRELESS PROPERTIES SITE SURVEY: KENTUCKY
"GLASGOW ROAD" TOWER SITE
LOCATED IN: MARROWBONE, CUMBERLAND COUNTY, KENTUCKY
TOWER SITE LEASEHOLD AREA SURVEY
PREPARED FOR WIRELESS PROPERTIES
WIRELESS PROPERTIES SITE NO.: KY-010

SHEET NUMBER:
1 OF 1

PROJECT NUMBER:
J.N. 27.163.20

EXHIBIT F

FAA APPLICATION

Notice of Proposed Construction or Alteration (7460-1)

Project Name: WIREL-000087177-08 **Sponsor:** Wireless Properties, LLC

Details for Case : KY-010 Marrowbone

Show Project Summary

Case Status

ASN: 2008-ASO-601-OE
Status: Accepted

Date Accepted: 01/31/2008
Date Determined:
Letters: None

Construction / Alteration Information

Notice Of: Construction
Duration: Permanent
***if Temporary*:** Months: Days:
Work Schedule - Start:
Work Schedule - End:
State Filing:

Structure Summary

Structure Type: Antenna Tower
Structure Name: KY-010 Marrowbone
FCC Number:
Prior ASN: 2007-ASO-4595-OE

Structure Details

Latitude:	36° 49' 54" N
Longitude:	85° 30' 26.8" W
Horizontal Datum:	NAD83
Site Elevation (SE):	852 (nearest foot)
Structure Height (AGL):	265 (nearest foot)
Marking/Lighting:	Dual-red and medium intensity
***Other*:**	
Nearest City:	Marrowbone
Nearest State:	Kentucky
Description of Location:	Located near the city of Marrowbone Kentucky just off Hwy 90 glasgow Road / Cumberland County
Description of Proposal:	This filing is to increase the overall structure height from 200' to 265'. The actual tower height will be 250'. No other conditions have changed.

Common Frequency Bands

Low Freq	High Freq	Freq Unit	ERP	ERP Unit
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

Specific Frequencies

EXHIBIT G

KENTUCKY AIRPORT ZONING COMMISSION
APPLICATION

Kentucky Airport Zoning Commiss
90 Airport Road, Bldg 400
Frankfort, KY 40601

502-564-0099

No.: AS-029-TZV-08-033

AERONAUTICAL STUDY OF PROPOSED CONSTRUCTION OR ALTERATION

February 18, 2008

Wireless Properties, LLC
707 Republic Centre
633 Chestnut Street
CHATTANOOGA, TN 37450

CONSTRUCTION LOCATION	Marrowbone, KY
LATITUDE/LONGITUDE	36-49-54.0 N / 85-30-26.8 W
HEIGHT (In Feet)	265'AGL/1117'AMSL
CONSTRUCTION PROPOSED	Antenna Tower

An application has been filed with the Kentucky Airport Zoning Commission for a permit to construct or alter the above described structure. Accordingly, the Kentucky Airport Zoning Commission is conducting an aeronautical study of the proposal to determine its effect upon the safe and efficient use of navigable airspace by aircraft and on the operation of air navigation facilities.

In the study, consideration will be given to all facts relevant to the effect of the structure on the safety of airport users and surface persons and property; the character of the flying operations conducted at the airport; the nature of the terrain; the height of existing structures and trees above the level of the airport, the views of the officials of the Federal Aviation Administration as to the safe approaches required for operations of the airport, the future development of the airport including extension to runways that may be required; the interest of the public in developing a sound public transportation system and the views and opinions of those owning the land in the area.

Interested persons are invited to participate in the aeronautical study by submitting written comments to the Administrator of the Kentucky Airport Zoning Commission. To be eligible for consideration, comments must be relevant to the effect of the proposed construction with the consideration set out above. The comments should provide sufficient details to permit a clear understanding, and be received before March 12, 2008. Please refer to the Aeronautical Study Number printed in the upper right hand corner of this notice.

The antenna tower will be located 9 NM northeast of the Tompkinsville-Monroe County Airport. Preliminary review indicates this structure exceeds no state obstruction standards.
Obstruction lighting is proposed.

Judge/Executive, Cumberland County
CHAIRMAN, TOMPKINSVILLE-MONROE CO AIRPORT BOARD

John Houlihan, Administrator

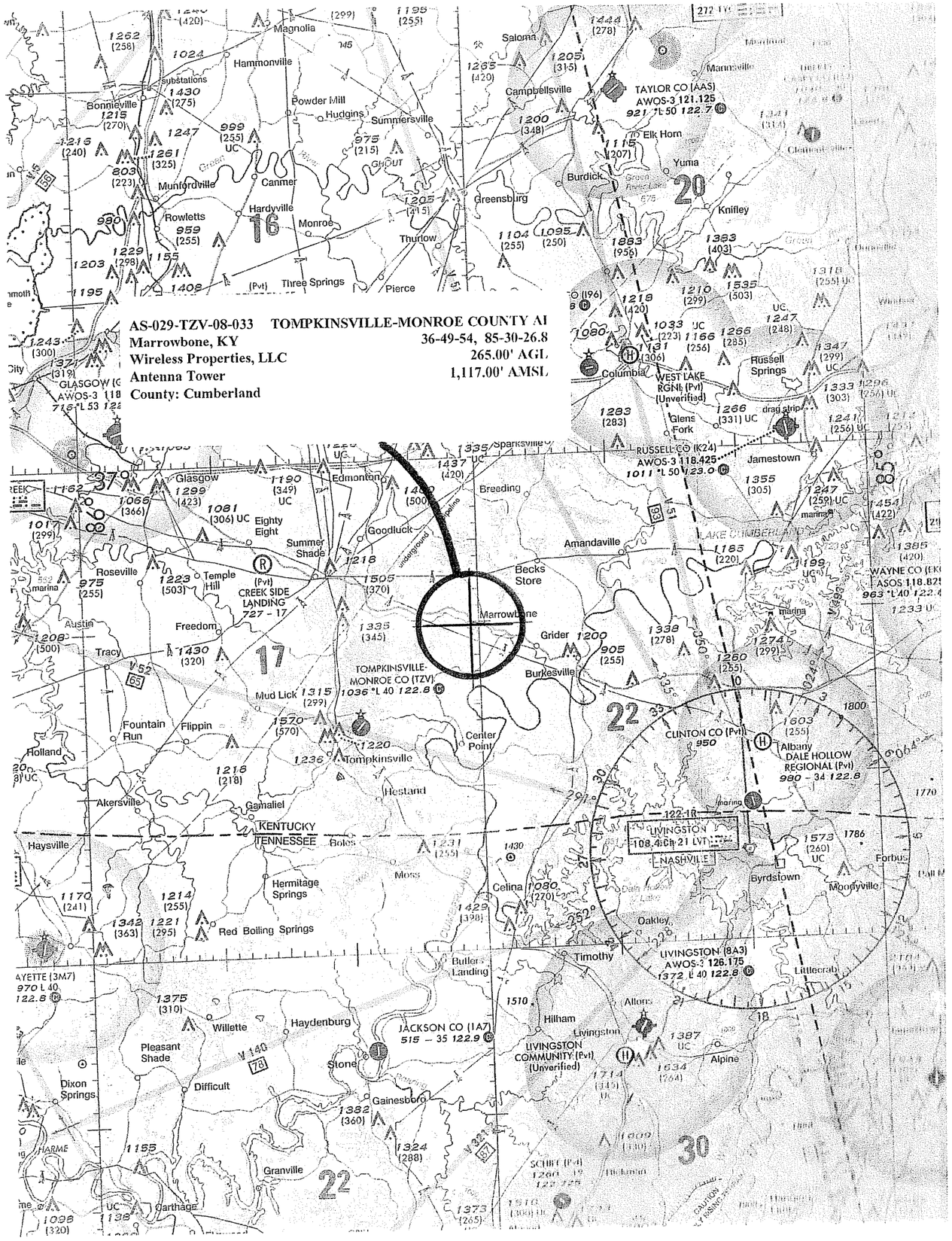

AS-029-TZV-08-033 TOMPKINSVILLE-MONROE COUNTY AI
Marrowbone, KY
Wireless Properties, LLC
Antenna Tower
County: Cumberland
36-49-54, 85-30-26.8
265.00' AGL
1,117.00' AMSL
Magnolia
Hammonville
Bonnieville
Powder Mill
Hudgins
Summersville
Munfordville
Canmer
Hardyville
Rowletts
Monroe
Thurlow
Three Springs
Pierce
Saloma
Campbellsville
TAYLOR CO (AAS)
AWOS-3 121.125
Elk Horn
Yuma
Burdick
Greensburg
Knifley
Columbia
WEST LAKE RGNL (Pvt) (Unverified)
Russell Springs
Glens Fork
drag strip
RUSSELL CO (K24)
AWOS-3 118.425
Jamestown
Glasgow
Edmonton
Breeding
Eighty Eight
Goodluck
Summer Shade
Amandaville
Roseville
Temple Hill
CREEK SIDE LANDING
Becks Store
Marrowbone
Grider
Burkesville
TOMPKINSVILLE-MONROE CO (TZV)
Austin
Freedom
Tracy
Mud Lick
Fountain Run
Flippin
Holland
Tompkinsville
Center Point
Akersville
Gamaliel
KENTUCKY
TENNESSEE
Boles
Hestand
Haysville
Moss
Celina
Hermitage Springs
Red Boiling Springs
Oakley
Timothy
Butler Landing
CLINTON CO (Pvt)
Albany
DALE HOLLOW REGIONAL (Pvt)
LIVINGSTON
NASHVILLE
Byrdstown
Moodyville
Forbus
Littlecrab
LIVINGSTON (8A3)
AWOS-3 126.175
Willette
Haydenburg
Pleasant Shade
Dixon Springs
Difficult
JACKSON CO (1A7)
Stone
Gainesboro
Hilham
Livingston
LIVINGSTON COMMUNITY (Pvt) (Unverified)
Allons
Alpine
Granville
Carthage
SCHEF (Pvt)
WAYNE CO
ASOS 118.825

EXHIBIT H

GEOTECHNICAL REPORT

GEOTECHNICAL EXPLORATION
PROPOSED SELF SUPPORT TOWER
SITE NAME: MARROWBONE
SITE NUMBER: KY-010
MARROWBONE, KENTUCKY

Prepared For:

Wireless Properties, LLC
707 Republic Centre
Chattanooga, Tennessee 37450

Prepared by:

GEOServices, LLC-Geotechnical and Materials Engineers

GEOServices, LLC
500 Maryville Highway
Building 1, Suite B
Seymour, Tennessee 37865

February 1, 2008

GEOServices, LLC-Geotechnical and Materials Engineers

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LIST OF FIGURES

GEOServices, LLC-Geotechnical and Materials Engineers

February 1, 2008

Wireless Properties, LLC
707 Republic Centre
Chattanooga, Tennessee 37450

Attention: Mr. Matt Bates

Re: Geotechnical Exploration
Proposed Self Support Tower
Site Name: MARROWBONE
Site Number: KY-010
Marrowbone, Kentucky
GEOServices Project No. 31-081004

Dear Mr. Bates:

GEOServices, LLC has completed the requested exploration and herewith submits the subsurface findings and recommendations.

PURPOSE AND SCOPE

The purpose of this report is to provide subsurface information so that Wireless Properties may perform the design of the foundation system for the proposed tower. Our scope of services for this task included drilling one centerline soil boring with several offset borings and preparing this report. This report briefly outlines the testing procedures, presents available project information, describes the site and subsurface conditions, and presents soil parameters pertaining to foundation design.

GEOServices, LLC
500 Maryville Highway
Building 1, Suite B
Seymour, Tennessee 37865

(865) 573-6130
(865) 573-6132 fax

PROJECT DESCRIPTION

The site number and available site information were provided by Wireless Properties personnel on January 31, 2008. The information available generally consisted of site location information and general tower information. GEOServices was not provided loading information for the proposed tower. GEOServices understands the self support tower planned to occupy this site is 250 feet tall.

The geotechnical information presented in this report is based on the available project information, the proposed tower location, and the subsurface materials described in this report. If any of the noted information is incorrect, please inform GEOServices in writing so that we can amend the recommendations presented in this report. GEOServices can not be responsible for the implementation of its recommendations when it is not notified of changes in conditions.

SITE LOCATION

The site is located at 10040 Glasgow Road in Marrowbone, Kentucky. The project site is just north of the intersection of US Highway 90 and Gray Gap Road.

EXPLORATION

GEOServices utilized a drill rig to advance six borings at and/or around the proposed tower base. The soils were sampled in general accordance with the requirements of ASTM D1586 (Penetration Test and Split-Barrel Sampling of Soils).

Upon completion, the borings were checked for the presence of groundwater and were subsequently backfilled with loose auger cuttings. Soil samples were shipped to the GEOServices' laboratory where a member of our staff logged the sampled materials. The samples not altered by laboratory testing will be retained for 60 days from the date of this report before being discarded.

SUBSURFACE CONDITIONS

The subsurface conditions observed in the borings generally consisted of clays overlying limestone bedrock. Each of the borings encountered auger refusal at depths ranging from 1.5 to 6 feet below the grade that existed at the time of our exploration. The clays were visually classified as CL (lean clay) according to the Unified Soil Classification System.

The stratifications shown on the boring logs represent the conditions only at the actual boring location. Variations may occur and should be expected across the site. The strata lines represent the approximate boundary between subsurface materials and the actual transition may be gradual. Water level information obtained during field operations is also shown on the boring log.

GROUNDWATER INFORMATION

Groundwater was not encountered in any of the boring locations both during and/or at the completion of drilling activities. It is possible for a ground water table to fluctuate within the depths explored during other times of the year depending upon climatic and rainfall conditions. It is not unusual to find zones of water at or near the soil bedrock interface.

FOUNDATION PARAMETERS

GEOServices was not informed of the planned type of foundation to be utilized to support the tower at this location, but based on our experience we expect it to be a mat / spread footer type foundation or a drilled pier foundation. Therefore, we are providing analysis parameters for each of the foundation types.

Spread Footer / Mat Foundation

Based on the subsurface information obtained at boring B-1 during this exploration, and considering a factor of safety of 3 with respect to general shear failure, we assess the allowable bearing pressures to be used for design of a mat type foundation to be as follows:

Bearing Capacity

Depth Range (ft)	Allowable Bearing Pressure (psf)
0 to 3.0	Neglect
3.5 to 10.0	5,000

Pier Foundation

If a drilled pier foundation system is utilized to support the tower, parameters recommended for the design analysis are as follows:

Soil Type (Depth)	Unit Weight (pcf)	Ultimate Shear Strength[1] (psf)	Ultimate Friction[2] (psf)	k[3] (pci)	Strain Factor, E_{50} (in/in)
0 – 3	Neglect	Neglect	Neglect	Neglect	Neglect
Lean CLAY	110	2,200	1,210	125	0.007
LIMESTONE	140	5,000	2,750	600	0.001

(1) Based on N values, these are conservative estimates based upon prudent engineering judgment. If the structure is considered a "critical structure" or if actual values are needed, laboratory testing should be performed to determine the soil's strength parameters.
(2) Friction, including adhesion, of concrete against undisturbed natural soil. Taken as 55% of the Undrained Shear Strength.
(3) Lateral Modulus of subgrade reaction.

CONSTRUCTION CONSIDERATIONS

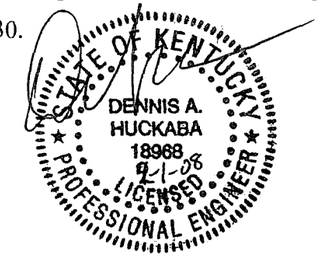
GEOS should be retained to provide observation and testing of construction activities involved in the foundations, earthwork, and related activities of this project. The completion of our services will not be realized until we observe the project construction in the field. At this time we can finalize our recommendations based on the conditions encountered during construction. If variations appear evident, then we will re-evaluate the recommendations of this report.

CLOSURE

We appreciate this opportunity to be of continuing service to you and look forward to assisting you with future projects. If you have any questions or comments do not hesitate to contact our office to discuss the details of this report. If you have any questions or comments regarding this report, please contact the undersigned at (865) 573-6130.

GEOServices, LLC.

Jerry W. Gammon
Geotechnical Professional



Dennis A. Huckaba
Principal
Kentucky PE No: 18968

GEOS
GEOServices, LLC-Geotechnical and Materials Engineers

Wireless Properties Geotechnical Study
Marrowbone, Kentucky
GEOServices Project No. 31-081004
Wireless Properties Site No. KY-010 - MARROWBONE

LOG OF BORING B-1
SHEET 1 OF 1

DRILLER Tri-State Drilling
ON-SITE REP
DRY ON COMPLETION ? Yes

BORING NO. / LOCATION B-1
DATE January 31, 2008
REFUSAL: Yes DEPTH 2.8 FT. ELEV. -2.8 FT.
SAMPLED 2.8 FT. 0.9 M
TOP OF ROCK DEPTH FT. ELEV. FT.
BEGAN CORING DEPTH FT. ELEV. FT.
FOOTAGE CORED (LF) FT.
BOTTOM OF HOLE DEPTH 2.8 FT. ELEV. -2.8 FT.
SURFACE ELEV. FT.

WATER LEVEL DATA (IF APPLICABLE)
COMPLETION: DEPTH Dry FT. ELEV. FT.
AFTER 24 HRS. DEPTH N/A FT. ELEV. FT.

BORING ADVANCED BY:
POWER AUGERING X
WASHBORING

STRATUM DEPTH FT.	STRATUM DEPTH ELEV.	SAMPLE DEPTH FROM FT.	SAMPLE DEPTH TO FT.	SAMPLE OR RUN NO.	SAMPLE TYPE	FIELD RESULTS N-Value	FIELD RESULTS Qp	LABORATORY RESULTS LL	LABORATORY RESULTS PI	LABORATORY RESULTS %M	STRATUM DESCRIPTION
											TOPSOIL
2.5	-2.5										**Lean CLAY (CL)** - light brown; stiff; moist
											AUGER REFUSAL AT 2.8 FEET
5.0	-5.0										
7.5	-7.5										
10.0	-10.0										
12.5	-12.5										
15.0	-15.0										
17.5	-17.5										
20.0	-20.0										

REMARKS: Approximately 8 inches from CenterLine Stake

GEOServices, LLC-Geotechnical and Materials Engineers

Wireless Properties Geotechnical Study
Marrowbone, Kentucky
GEOServices Project No. 31-081004
Wireless Properties Site No. KY-010 - MARROWBONE

LOG OF BORING B-1A
SHEET 1 OF 1

DRILLER Tri-State Drilling
ON-SITE REP.

BORING NO. / LOCATION B-1A
DRY ON COMPLETION ? Yes

DATE January 31, 2008
REFUSAL: Yes DEPTH 2.5 FT. ELEV. -2.5 FT
SAMPLED 2.5 FT. 0.8 M
TOP OF ROCK DEPTH FT. ELEV. FT
BEGAN CORING DEPTH FT. ELEV. FT.
FOOTAGE CORED (LF) FT.
BOTTOM OF HOLE DEPTH 2.5 FT. ELEV. -2.5 FT.
BORING ADVANCED BY: POWER AUGERING X WASHBORING
SURFACE ELEV. FT

WATER LEVEL DATA (IF APPLICABLE)
COMPLETION: DEPTH Dry FT
ELEV. FT.
AFTER 24 HRS. DEPTH N/A FT
ELEV. FT.

STRATUM DEPTH FT.	STRATUM DEPTH ELEV.	SAMPLE DEPTH FROM FT.	SAMPLE DEPTH TO FT.	SAMPLE OR RUN NO.	SAMPLE TYPE	FIELD RESULTS N-Value	FIELD RESULTS Qp	LABORATORY RESULTS LL	LABORATORY RESULTS PI	LABORATORY RESULTS %M	STRATUM DESCRIPTION
											TOPSOIL
		1.0	2.5	1	SS	50+					**Lean CLAY (CL)** with rock fragments- light brown; very hard; moist
2.5	-2.5										**AUGER REFUSAL AT 2.5 FEET**
5.0	-5.0										
7.5	-7.5										
10.0	-10.0										
12.5	-12.5										
15.0	-15.0										
17.5	-17.5										
20.0	-20.0										

REMARKS: Approximately 3 feet southwest of CenterLine Stake

GEOServices, LLC-Geotechnical and Materials Engineers

Wireless Properties Geotechnical Study
Marrowbone, Kentucky

GEOServices Project No. 31-081004

Wireless Properties Site No. KY-010 - MARROWBONE

LOG OF BORING B-1B

SHEET 1 OF 1

DRILLER Tri-State Drilling

ON-SITE REP.

BORING NO. / LOCATION B-1B

DRY ON COMPLETION ? Yes

DATE January 31, 2008

SURFACE ELEV. ____ FT.

REFUSAL: Yes DEPTH 2.7 FT. ELEV. -2.7 FT.

SAMPLED 2.7 FT. 0.8 M

TOP OF ROCK DEPTH ____ FT. ELEV. ____ FT.

BEGAN CORING DEPTH ____ FT ELEV. ____ FT.

FOOTAGE CORED (LF) ____ FT.

BOTTOM OF HOLE DEPTH 2.7 FT. ELEV. -2.7 FT.

BORING ADVANCED BY:

POWER AUGERING X

WASHBORING ____

WATER LEVEL DATA (IF APPLICABLE)

COMPLETION: DEPTH Dry FT. ELEV. ____ FT.

AFTER 24 HRS. DEPTH N/A FT. ELEV. ____ FT.

STRATUM DEPTH FT.	STRATUM DEPTH ELEV.	SAMPLE DEPTH FROM FT.	SAMPLE DEPTH TO FT.	SAMPLE OR RUN NO.	SAMPLE TYPE	FIELD RESULTS N-Value	FIELD RESULTS Qp	LABORATORY RESULTS LL	LABORATORY RESULTS PI	LABORATORY RESULTS %M	STRATUM DESCRIPTION
											TOPSOIL
											Lean CLAY (CL) with rock fragments- light brown; stiff; moist
2.5	-2.5										**AUGER REFUSAL AT 2.7 FEET**
5.0	-5.0										
7.5	-7.5										
10.0	-10.0										
12.5	-12.5										
15.0	-15.0										
17.5	-17.5										
20.0	-20.0										

REMARKS: Approximately 6 feet east of CenterLine Stake

GEOServices, LLC-Geotechnical and Materials Engineers

Wireless Properties Geotechnical Study
Marrowbone, Kentucky
GEOServices Project No. 31-081004
Wireless Properties Site No. KY-010 - MARROWBONE

LOG OF BORING B-1C
SHEET 1 OF 1

DRILLER Tri-State Drilling
ON-SITE REP.
DRY ON COMPLETION ? Yes

BORING NO. / LOCATION B-1C
DATE January 31, 2008
REFUSAL: Yes DEPTH 6.0 FT. ELEV. -6.0 FT.
SAMPLED 6.0 FT 1.8 M
TOP OF ROCK DEPTH FT. ELEV. FT
BEGAN CORING DEPTH FT. ELEV. FT.
FOOTAGE CORED (LF) FT
BOTTOM OF HOLE DEPTH 6.0 FT. ELEV. -6.0 FT
SURFACE ELEV. FT.
BORING ADVANCED BY: POWER AUGERING X WASHBORING

WATER LEVEL DATA (IF APPLICABLE)
COMPLETION: DEPTH Dry FT. ELEV. FT.
AFTER 24 HRS. DEPTH N/A FT. ELEV. FT.

STRATUM DEPTH FT.	STRATUM DEPTH ELEV.	SAMPLE DEPTH FROM FT.	SAMPLE DEPTH TO FT.	SAMPLE OR RUN NO.	SAMPLE TYPE	FIELD RESULTS N-Value	FIELD RESULTS Qp	LABORATORY RESULTS LL	LABORATORY RESULTS PI	LABORATORY RESULTS %M	STRATUM DESCRIPTION
											TOPSOIL
2.5	-2.5	3.5	5.0	1	SS	12					**Lean CLAY (CL)** with rock fragments- light brown; stiff; moist
5.0	-5.0										**AUGER REFUSAL AT 6 FEET**
7.5	-7.5										
10.0	-10.0										
12.5	-12.5										
15.0	-15.0										
17.5	-17.5										
20.0	-20.0										

REMARKS: Approximately 10 feet south of CenterLine Stake

GEOServices, LLC-Geotechnical and Materials Engineers

Wireless Properties Geotechnical Study
Marrowbone, Kentucky
GEOServices Project No. 31-081004
Wireless Properties Site No. KY-010 - MARROWBONE

LOG OF BORING B-1D
SHEET 1 OF 1

DRILLER Tri-State Drilling
ON-SITE REP.

BORING NO. / LOCATION B-1D
DRY ON COMPLETION ? Yes

DATE January 31, 2008
SURFACE ELEV. ____ FT.
REFUSAL: Yes DEPTH 2.7 FT. ELEV. -2.7 FT.
SAMPLED 2.7 FT 0.8 M
TOP OF ROCK DEPTH ____ FT. ELEV. ____ FT.
BEGAN CORING DEPTH ____ FT. ELEV. ____ FT.
FOOTAGE CORED (LF) ____ FT
BOTTOM OF HOLE DEPTH 2.7 FT. ELEV. -2.7 FT.

WATER LEVEL DATA (IF APPLICABLE)
COMPLETION: DEPTH Dry FT.
ELEV. ____ FT.
AFTER 24 HRS. DEPTH N/A FT.
ELEV. ____ FT.

BORING ADVANCED BY: POWER AUGERING X WASHBORING ____

STRATUM DEPTH FT.	STRATUM DEPTH ELEV.	SAMPLE DEPTH FROM FT.	SAMPLE DEPTH TO FT.	SAMPLE OR RUN NO.	SAMPLE TYPE	FIELD RESULTS N-Value	FIELD RESULTS Qp	LABORATORY RESULTS LL	LABORATORY RESULTS PI	LABORATORY RESULTS %M	STRATUM DESCRIPTION
											TOPSOIL
											Lean CLAY (CL) with rock fragments- light brown; stiff; moist
2.5	-2.5										**AUGER REFUSAL AT 2.7 FEET**
5.0	-5.0										
7.5	-7.5										
10.0	-10.0										
12.5	-12.5										
15.0	-15.0										
17.5	-17.5										
20.0	-20.0										

REMARKS: Approximately 4 feet north of CenterLine Stake

GEOServices, LLC-Geotechnical and Materials Engineers

Wireless Properties Geotechnical Study
Marrowbone, Kentucky
GEOServices Project No. 31-081004
Wireless Properties Site No. KY-010 - MARROWBONE

LOG OF BORING B-1E
SHEET 1 OF 1

DRILLER Tri-State Drilling
ON-SITE REP.
DRY ON COMPLETION ? Yes

BORING NO. / LOCATION B-1E
DATE January 31, 2008
REFUSAL: Yes DEPTH 1.5 FT. ELEV. -1.5 FT.
SAMPLED 1.5 FT. 0.5 M
TOP OF ROCK DEPTH FT. ELEV. FT.
BEGAN CORING DEPTH FT. ELEV. FT.
FOOTAGE CORED (LF) FT.
BOTTOM OF HOLE DEPTH 1.5 FT. ELEV. -1.5 FT.
SURFACE ELEV. FT.

WATER LEVEL DATA (IF APPLICABLE)
COMPLETION: DEPTH Dry FT. ELEV. FT.
AFTER 24 HRS. DEPTH N/A FT. ELEV. FT.

BORING ADVANCED BY: POWER AUGERING X WASHBORING

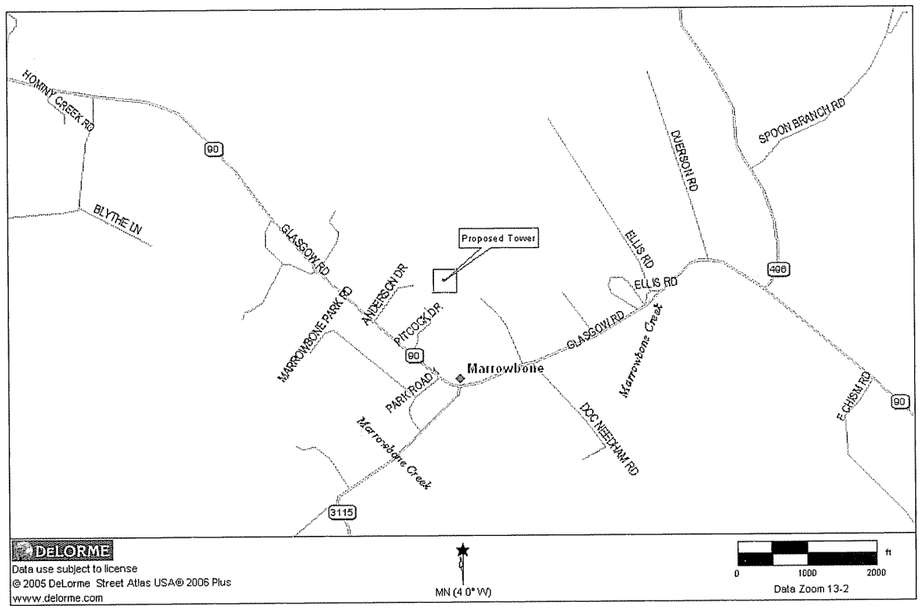
STRATUM DEPTH FT.	STRATUM DEPTH ELEV.	SAMPLE DEPTH FROM FT.	SAMPLE DEPTH TO FT.	SAMPLE OR RUN NO.	SAMPLE TYPE	FIELD RESULTS N-Value	FIELD RESULTS Qp	LABORATORY RESULTS LL	LABORATORY RESULTS PI	LABORATORY RESULTS %M	STRATUM DESCRIPTION
											TOPSOIL
											Lean CLAY (CL) with rock fragments- light brown; stiff; moist
											AUGER REFUSAL AT 1.5 FEET
2.5	-2.5										
5.0	-5.0										
7.5	-7.5										
10.0	-10.0										
12.5	-12.5										
15.0	-15.0										
17.5	-17.5										
20.0	-20.0										

REMARKS: Approximately 10 feet west of CenterLine Stake

EXHIBIT I

DIRECTIONS TO WCF SITE

Directions to Proposed Tower
Site Name: Glasgow Road Marrowbone



- From the Cumberland County Courthouse take Main Street towards Hill Street.
- Turn right onto Hill Street and travel to Elm Street.
- Turn right onto Elm Street.
- Turn left onto KY-90 (Glasgow Road) and travel toward Marrowbone.
- The proposed access road will be at 1066 Glasgow Road
- The site is located approximately 1,500' north on the hilltop.
- Prepared by: Robert W. Grant, Pike Legal Group, PLLC, P.O. Box 369, Shepherdsville, KY 40165; telephone: 800-516-4293.

EXHIBIT J

COPY OF REAL ESTATE AGREEMENT

KY-010

OPTION AND LEASE AGREEMENT

Between

William Garmon & Nancy Daughtery

And

Wireless Properties, LLC

Dated as of August 16, 2007

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OPTION AND LEASE AGREEMENT

THIS OPTION AND LEASE AGREEMENT ("Option" or "Lease" or "Agreement") is made this 16th day of August, 2007 by and between William Garmon & Nacy Daughtery, ("Optionor" or "Lessor") and Wireless Properties, LLC, a Delaware limited liability company ("Optionee" or "Lessee").

1. Grant of Option. For good and valuable consideration and the mutual promises herein set forth Optionor hereby gives and grants unto Optionee and its assigns an exclusive and irrevocable option to lease a certain one hundred foot by one hundred foot(100' x 100') parcel or parcels of real property ("Real Property") more particularly described on **Exhibit "A"** attached hereto and made a part hereof together with an easement for ingress, egress and utilities ("Easement") for the duration of the lease on and over that parcel or parcels of Real Property which are more particularly described on **Exhibit "B"** attached hereto ("Easement Area"). The Real Property and Easement Area are sometimes hereinafter be collectively referred to as the "Property". Optionor agrees and acknowledges that Optionee may at Optionee's sole cost and expense have a boundary survey prepared of the Property and that the legal description of the Property as shown on the survey shall thereafter become the legal description of the Property and shall be fully incorporated into this Agreement.

2. Option Initial Term. The initial term of this Option shall be for one (1) year from the date this Option is executed by Optionee ("Option Initial Term").

3. Consideration for Option. Consideration for the Option Initial Term granted hereunder shall be [redacted] ("Option Consideration") and is non-refundable.

4. Extension of Option. This Option can be extended at the discretion of Optionee for one (1) additional period of one (1) year ("Option Renewal Term") by Optionee paying to Optionor the additional consideration of [redacted] prior to the expiration of the Option Initial Term. Any consideration paid by Optionee to extend the term of this Option shall be credited in full to the first year's rental due Optionor if the extension of the Option is exercised by Optionee.

5. Optionor's Representations and Warranties. As an inducement for Optionee to enter into and be bound by the terms of this Option, Optionor represents and warrants to Optionee and Optionee's successors and assigns that:

(a) Optionor has good and marketable title to the Property free and clear of all liens, leases and encumbrances other than those liens and encumbrances of record;

(b) Optionor has the authority to enter into and be bound by the terms of this Option;

(c) There are no pending, anticipated or threatened lawsuits, claims or causes of action against Optionor, including administrative actions, bankruptcy or insolvency proceedings under state or federal law or which may otherwise affect the Property;

WP, LLC

(d) The Property is not presently subject to an option, lease or other contract that may adversely affect Optionor's ability to fulfill its obligations under this Option, and Optionor covenants that it shall not grant an option or enter into any contract that will affect the Property until this Option expires or is terminated by Optionee; and

(e) These representations and warranties of Optionor shall survive the exercise of the Option and the closing anticipated by the exercise of this Option.

6. Liquidated Damages. In the event the closing does not occur due to a default or breach of this Option by Optionee, Optionor's damages shall be fixed, liquidated and limited to the sums paid by Optionee to Optionor as consideration for this Option. The parties acknowledge the difficulty of ascertaining the damages under these circumstances, and therefore agree to the provision for the liquidated damage amount. Optionor hereby expressly waives any other remedies, including specific performance and damages for breach of contract, that it may have for a breach of this Option by Optionee.

7. Inspections and Investigations. Optionor hereby grants to Optionee, its officers, agents, employees and independent contractors the right and privilege to enter upon the Leased Property and the Easement at any time after the date of this Option, to perform or cause to be performed test borings of the soil, environmental audits or engineering studies and to conduct a survey of the Leased Property and the Easement. Optionor shall provide Optionee with any necessary keys or access codes to the Lease Property if needed for ingress and egress. Optionee shall not unreasonably interfere with Optionor's use of the Property in conducting these activities. Optionee shall indemnify Optionor for any damage caused the Easement as a result of such inspections, other than as a result of the normal access granted herein. Optionee shall return the Property to substantially the same condition as it was prior to such inspections; provided, however, Optionee shall have the right to remove any trees, brush or other impediments on the Property as may be necessary to conduct such inspections and shall not be required to replace same. Optionee shall consult with Optionor prior to the removal of any trees or impediments on the Leased Property.

8. Further Acts. Optionor shall cooperate with Optionee in executing any documents necessary to protect Optionee's rights under this Option or Optionee's use of the Property and the Easements granted herein and to take such action as Optionee may reasonably require to effect the intent of this Option. Optionor hereby appoints Optionee or Optionee's agent as Optionor's agent to file applications on behalf of Optionor with federal, state and local governmental authorities including but not limited to land use and zoning applications and which applications relate to Optionee's intended use of the Property; provided, Optionee shall consult with Optionor prior to making any such application that would not be terminable or reversible at minimal cost should Optionee not exercise the Option; and further provided, no such application shall apply to or affect directly Optionor's adjacent property without Optionor's consent. In the event Optionee obtains financing from a lender secured by Optionee's leasehold interest in the Property, Optionor agrees to promptly, but no later than ten (10) days after a request by Optionee, execute any and all reasonable documentation requested by Optionee's lender including, but not limited to a Subordination, Nondisturbance and Attornment Agreement.

Lessor Initial: WP / MD
Lessee Initial: ____ / ____

9. Exercise of Option. Upon the tender of written notice of Optionee's exercise of the Option, the terms of this Agreement applying to the lease of the Property and grant of the Easements shall govern the relationship of the parties, and Optionor shall thereafter be referred to as Lessor and Optionee shall thereafter be referred to as Lessee.

10. Use. Lessee may use the Property for the transmission and receipt of wireless communication signals in any and all non-hazardous frequencies and the construction and maintenance of towers, antennas or buildings and related facilities and activities ("Intended Use"). Lessor agrees to cooperate with Lessee in obtaining, at Lessee's expense, all licenses and permits required for Lessee's use of the Leased Property (the "Governmental Approvals"). Lessee may construct additional improvements, demolish and reconstruct improvements, or restore, replace and/or reconfigure improvements at any time during the Initial Term or any Renewal Term of this Lease.

11. Initial Term. The term of this Lease shall be five (5) years commencing on the Commencement Date, as that term is defined in paragraph 14(a), and terminating on the fifth anniversary of the Commencement Date ("Initial Term").

12. Renewal Terms. Lessee shall have the right to extend this Lease for ten (10) additional five (5) year terms ("Renewal Terms"). Each Renewal Term shall be on the same terms and conditions as set forth in this Lease, except that Rent shall increase as provided in paragraph 14(c). This Lease shall automatically be renewed for each successive Renewal Term unless Lessee notifies Lessor of Lessee's intention not to renew the Lease at least 30 days prior to the expiration of the Initial Term or the Renewal Term then in effect. Should this Lease remain in full force and effect at the end of the Term of this Lease (as so renewed), this Lease shall continue in force and effect upon the same covenants, terms and conditions for a further period of one (1) year, and for successive annual periods thereafter, until and unless terminated by either party giving to the other written notice of its intention to so terminate at least ninety (90) days prior to the date of expiration of the then current Term of this Lease. Rental adjustments shall be made during any such additional period(s) as agreed to by the parties prior to ninety (90) days prior to the date of expiration of the then current Term.

13. Consideration.

(a) Lessee shall pay Lessor the sum of [redacted] and no/100 Dollars [redacted] annum as rental ("Rent"). Rent shall be payable beginning on the earlier to occur of the completion of construction of any tower facility or related facility or sixty (60) days after commencement of construction of such facility ("Commencement Date") and payable in equal monthly installments of during the Term to Lessor at Lessor's address as specified in Paragraph 30 below; and

(b) In the event that Lessee elects to renew this Lease as provided in paragraph 13, minimum Rent shall increase by [redacted] each year of each Renewal Term.

Lessor Initial: WKF / MD
Lessee Initial: ____ / ____

14. Taxes.

(a) Any ad valorem taxes or other special assessment taxes attributable to the Property during the Initial Term and any Renewal Terms of the Lease shall be paid by the Lessor. Lessor shall pay when due all real property taxes and all other fees and assessments attributable to the Property including, but not limited to, any tax attributable to any increase in property value of the Property resulting from the increased cash flow of this Agreement. If any special or regular assessment, personal property or real property taxes, attributable to the Leased Property are delinquent for more than sixty (60) days, Lessee shall have the following options: (i) pay all or a portion of such assessments or taxes to the appropriate governmental authority and deduct such amounts from rent; (ii) require that Lessor subdivide the Property as expeditiously as possible, at Lessor's sole cost and expense (Lessor, upon such subdivision, shall immediately pay all past due assessments or taxes attributable to the newly created parcel); (iii) institute a suit against Lessor for all damages, costs, and attorney's fees associated with Lessor's failure to pay such assessments or taxes; or (iv) exercise such other legal or equitable remedies which might be available. These remedies shall be cumulative and Lessee can exercise one or more at its option.

(b) Lessee shall pay any personal property taxes assessed on, or any portion of such taxes attributable to, the Tower Facilities, with the exception of any tax attributable to the increase in property value of the Leased Property resulting from the increased cash flow of this Agreement.

15. Lessor's Representations and Warranties. Lessor represents and warrants that Lessee's Intended Use of the Property is not prohibited by any covenants, restrictions, reciprocal easements, servitudes, subdivision rules or regulations applicable to the Property. Lessor further represents and warrants that there are no easements, licenses, rights of use or other encumbrances on the Property that will interfere with or constructively prohibit Lessee's Intended Use of the Property. Lessor further represents and warrants that the execution of this Lease by Lessor will not cause a breach or an event of default of any other agreement to which Lessor is a party.

16. Conditions Subsequent. In the event that Lessee's Intended Use of the Property is actually or constructively prohibited through no fault of Lessee, or the Property is, in Lessee's opinion, unacceptable to Lessee, then this Lease shall terminate and be of no further force or effect, and Lessee shall be entitled to a refund from Lessor of any deposits or Rent paid in advance to Lessor which sums were paid prior to the date upon which Lessee gives Lessor notice of its intent to terminate this Lease pursuant to this paragraph.

17. Interference. Lessor shall not use, nor shall Lessor permit its lessees, licensees, invitees or agents to use the Property, or any portion of adjacent real property owned by Lessor in any way which interferes with the wireless communications operations of Lessee. Such interference shall be deemed a material breach of this Lease by Lessor, and Lessor shall have the responsibility to terminate said interference. In the event any such interference does not cease or is not promptly rectified, Lessor acknowledges that continuing interference will cause irreparable injury to Lessee, and Lessee shall have the right, in addition to any other rights that it may have at law or in equity, to bring action to enjoin such interference or to terminate this Lease immediately upon notice to Lessor.

Lessor Initial: WJ / MD
Lessee Initial: ____ / ____

18. Improvements; Utilities; Access.

(a) Lessee shall have the right, at Lessee's sole cost and expense, to erect and maintain on the Leased Property improvements, personal property and facilities, including without limitation, towers, a structural tower base, radio transmitting and receiving antennas, communications equipment, an equipment cabinet or shelter and related facilities (collectively the "Tower Facilities"). The Tower Facilities shall remain the exclusive property of the Lessee throughout the term and upon termination of this Lease. Lessee shall at their cost remove all of the above ground portions of the Tower Facilities following any termination of this Lease. Lessor grants Lessee the right to clear all trees, undergrowth or other obstructions and to trim, cut, and keep trimmed and cut all tree limbs that may interfere with or fall upon Lessee's tower or Lessee's other improvements, communications equipment or Easement rights. All debris resulting from said tree clearing is to be disposed of by Lessee. Lessor grants Lessee a non-exclusive easement in, over, across and through other real property owned by Lessor as reasonably required for construction, installation, maintenance, and operation of the Tower Facilities. In the event that the tower to be constructed by Lessee on the Property is a guyed tower, Lessor also grants Lessee an easement over Lessor's real property during the Initial Term and any Renewal Term of this Lease for any guy wires and guy wire anchors; and

(b) Lessee shall have the right to install utilities, at Lessee's expense, and to improve present utilities on the Property (including but not limited to the installation of emergency power generators). Lessee shall have the right to permanently place utilities on (or to bring utilities across or under) the Easement to service the Property and the Tower Facilities. In the event that utilities necessary to serve the equipment of Lessee or the equipment of Lessee's licensee(s) or sublessee(s) cannot be located within the Easement for ingress and egress, Lessor agrees to cooperate with Lessee and to act reasonably in allowing the location of utilities on other real property owned by Lessor without requiring additional compensation from Lessee or Lessee's licensee(s) or sublessee(s). Lessor shall, upon Lessee's request, execute a separate written easement for the utility company providing the service or Lessee in a form that may be filed of record evidencing this right; and

(c) Lessor acknowledges and agrees that, in order to make the Property useable by Lessee, Lessee shall need to construct certain improvements on, upon and across the Property. Specifically, Lessee may need to grade or to improve the Easement Area and may need to park vehicles (including heavy equipment) upon portions of Lessor's property adjoining the Leased Property for a reasonable period of time for the construction of Lessee's improvements or subsequently as licensee(s) or sublessee(s) install equipment on the Tower Facilities for which Lessor hereby grants to Lessee a temporary construction easement on Lessor's property. Lessee and Lessor agree to work cooperatively and in good faith in order to minimize any disruption to Lessor of the use of Lessor's property and in order to permit Lessee or its licensee(s) or sublessee(s) to install the Tower Facilities in an expeditious and commercially reasonable manner. Lessee shall limit unreasonable interference to Lessor's use of Lessor's property and further agrees to return Lessor's property to substantially the same condition after construction is completed; and

(d) Lessor represents and warrants to Lessee that Lessee shall at all times during this Lease enjoy ingress, egress, and access from the Property to an open and improved public road that

Lessor Initial: WP / MD
Lessee Initial: ____ / ____

presently exists and that the Easement shall be adequate to service the Leased Property and the Tower Facilities. If no such public road exists or if such existing public road ceases to exist in the future, Lessor will grant an appropriate easement to Lessee, Lessee's licensee(s) and sublessee(s) and assigns so that Lessee may, at its own expense, construct and maintain a suitable private access drive to the Property and the Tower Facilities. To the degree that such access is across other property owned by Lessor, Lessor shall execute an easement evidencing this right, and Lessor shall maintain access to the Easement in a free and open condition so that no interference is caused to Lessee by other lessee's, licensee's, invitee's or agents of the Lessor that may utilize the Easement.

19. Termination. Except as otherwise provided herein, this Lease may be terminated without any penalty or further liability upon written notice as follows:

(a) By either party upon a default of any covenant or term hereof by the other party which default is not cured within 60 days of receipt of written notice of default (without, however, limiting any other rights available to the parties pursuant to any other provisions hereof); provided that, if the defaulting party commences efforts to cure the default within such period and diligently pursues cure, the non-defaulting party shall no longer be entitled to declare a default unless such default is not cured within a reasonable time; or

(b) By Lessee pursuant to Sections 16 and 17 hereof.

20. Effect of Termination. Upon termination of this Lease for any reason, including normal expiration of the Term, Lessee shall have the right to remove its improvements, personal property and equipment. Lessor may require Lessee to remove any remaining improvements, personal property and equipment. All improvements, personal property and equipment shall be removed within a reasonable time after termination. By mutual agreement any improvements not removed within such time shall be deemed abandoned by Lessee and shall become property of Lessor.

21. Subleases. Lessee at its sole discretion shall have the right without any need to obtain the consent of Lessor to license or sublease all or a portion of the Property and the Tower Facilities to others whose business includes the provision of wireless communication services. Lessee's licensee(s) and sublessee(s) shall be entitled to modify the Tower and to erect additional improvements on the Property including but not limited to antennas, dishes, cabling, additional storage buildings or equipment shelters on the Property as are reasonably required for the operation and maintenance of the communications equipment to be installed on the Property by said licensees and sublessee(s) together with rights of ingress and egress to the Property and the right to install utilities on the Property as if said licensee or sublessee were the Lessee under this Lease.

22. Destruction of Premises. If the Property or the Tower Facilities are destroyed or damaged so as to hinder the effective use of the Tower Facilities in Lessee's sole judgment, Lessee may elect to terminate this Lease as of the date of the damage or destruction by so notifying the Lessor. In such event, all rights and obligations of Lessee to Lessor shall cease as

Lessor Initial: WF / MD
Lessee Initial: /

of the date of the damage or destruction and Lessee shall be entitled to the reimbursement of any Rent prepaid by Lessee.

23. Condemnation. If a condemning authority takes all of the Property or a portion sufficient in Lessee's determination to render the Property in the opinion of Lessee unsuitable for the use that Lessee was then making of the Property, this Lease shall terminate as of the date the title vests in the condemning authority. Lessor and Lessee shall share in the condemnation proceeds in proportion to the values of their respective interests in the Property (which for Lessee shall include, where applicable, the value of its Tower Facilities, moving expenses, prepaid rent and business dislocation expenses). A sale of all or part of the Property to a purchaser with the power of eminent domain in the face of the exercise of eminent domain power shall be treated as a taking by condemnation for the purposes of this paragraph.

24. Insurance. Lessee shall purchase and maintain in full force and effect throughout the Initial Term and any Renewal Term such public liability and property damage policies as Lessee may deem necessary. Said policy of general liability insurance shall provide a combined single limit of not less than $1,000,000.

25. Exclusivity. Lessor will not enter into a lease or license agreement during the term hereof with another party, which agreement permits on the Property or any adjacent parcel of land owned, leased or managed by Lessor, the uses permitted herein or similar thereto.

26. Confidentiality.

a. Lessor hereby agrees that all the terms and conditions contained in this Option and Lease Agreement shall be held in the strictest of confidence, and it is hereby acknowledged by Lessor that any dissemination of the information contained herein shall constitute a breach hereunder and shall cause irreparable harm to the Lessee for which damages shall be awarded. The confidential information contained herein shall include, but not be limited to, the lease rate, the lease term, and other financial disclosures made hereunder. Nothing herein shall be construed or interpreted as prohibiting Lessee from publishing any term or condition contained herein as Lessee shall be free to disseminate and publish such information as such is proprietary and confidential only as to Lessee.

b. Lessor further agrees and acknowledges that Lessee maintains relationships with certain wireless carriers that lease tower space from Lessee for the placement of certain telecommunication equipment and hardware. Lessor hereby acknowledges that it understands that the nature of those relationships between Lessee and the wireless carriers is very sensitive and important to the success and survival of Lessee. Lessor hereby warrants that it will at no time, without prior written consent from Lessee, contact, attempt to contact or otherwise engage in communications with, either directly or indirectly, any person, company or entity with which Lessee maintains a business relationship; specifically, Lessor hereby waives and disgorges itself of any right to contact any tenant, subtenant or other party who is leasing tower space from Lessee for any reason. A failure to adhere to this provision by Lessor shall constitute a material

Lessor Initial: WJ / MD
Lessee Initial: ____ / ____

breach hereunder and shall entitle Lessee to damages, including but not limited to actual and compensatory damages.

27. Environmental Compliance. Lessor warrants and represents to best of our knowledge that the Property and the improvements thereon are free of contaminants, oils, asbestos, Polychlorinated Biphenyls (PCBs), hazardous substances or wastes as defined by federal, state or local environmental laws, regulations or administrative orders or other materials the removal of which is required or the maintenance of which is prohibited, regulated or penalized by any federal, state or local government authority ("Hazardous Materials"). This Lease shall at the option of Lessee terminate and be void and of no further force or effect if Hazardous Materials are discovered to exist on the Property through no fault of Lessee after Lessee takes possession of the Property, and Lessee shall be entitled to a refund of all deposits and prepaid Rent given Lessor under this Lease. Lessee covenants that it will not place any Hazardous Materials in or on the Property in knowing violation of applicable federal, state or local environmental laws.

28. Environmental Indemnities.

(a) Lessor, its heirs, grantees, successors, and assigns shall indemnify, defend, reimburse and hold harmless Lessee from and against any and all environmental damages arising from the presence of Hazardous Materials upon, about or beneath the Property or migrating to or from the Property or arising in any manner whatsoever out of the violation of any environmental requirements pertaining to the Property and any activities thereon, which conditions exist or existed prior to or at the time of the execution of this Lease or which may occur at any time in the future through no fault of Lessee or Lessee's licensee(s) or sublessee(s); and

(b) Notwithstanding the obligation of Lessor to indemnify Lessee pursuant to this Agreement, Lessor shall, upon demand of Lessee, and at Lessor's sole cost and expense, promptly take all actions to remediate the Property which are required by any federal, state or local governmental agency or political subdivision or which are reasonably necessary to mitigate environmental damages or to allow full economic use of the Property, which remediation is necessitated from the presence upon, about or beneath the Property of Hazardous Materials. Such actions shall include but not be limited to the investigation of the environmental condition of the Property, the preparation of any feasibility studies, reports or remedial plans, and the performance of any cleanup, remediation, containment, operation, maintenance, monitoring or actions necessary to restore the Property to the condition existing prior to the introduction of Hazardous Materials upon, about or beneath the Property notwithstanding any lesser standard of remediation allowable under applicable law or governmental policies; and

(c) Lessee, its grantees, successors, and assigns shall indemnify, defend, reimburse and hold harmless Lessor from and against any and all environmental damages arising from the presence of Hazardous Materials upon, about or beneath the Property arising in any manner whatsoever out of Lessee's use of the Property in violation of any environmental laws pertaining to the Property. Notwithstanding the obligation of Lessee to indemnify Lessor, Lessee shall, upon demand of Lessor, and at Lessee's sole cost and expense, promptly take all actions to remediate the Property which are required by any federal, state or local governmental agency or political subdivision or which are reasonably necessary to mitigate environmental damages or to allow full economic use of the Property, which remediation is necessitated from the presence upon,

Lessor Initial: WG / MD
Lessee Initial: ____ / ____

about or beneath the Leased Property of Hazardous Materials attributed to the action of the Lessee. Such actions shall include but not be limited to the investigation of the environmental condition of the Leased Property, the preparation of any feasibility studies, reports or remedial plans, and the performance of any cleanup, remediation, containment, operation, maintenance, monitoring or actions necessary to restore the Property to the condition existing prior to the introduction of Hazardous Materials upon, about or beneath the Property notwithstanding any lesser standard of remediation allowable under applicable law or governmental policies.

29. Notices. All notices, requests, demands and other communications hereunder shall be in writing and shall be deemed given if personally delivered or mailed, certified mail, return receipt requested, to the following addresses:

If to Lessor, to:

William Garmon & Nancy Daughtery	Home Telephone: 270-864-5627
P.O. Box 168	Business Facsimile:
Marrowbone, KY 42759	Mobile:
Attention: Bill Garmon	Business:

If to Lessee, to: Wireless Properties, LLC
707 Republic Centre
633 Chestnut Street
Chattanooga, TN 37450
Attention: Site Lease Administrator
Telephone: 423-757-7010
Facsimile: 423-757-7020

30. Title and Quiet Enjoyment. Lessor warrants and represents that (i) it has the full right, power and authority to execute this Lease; (ii) it has good and marketable fee simple title to the Property free and clear of any liens, encumbrances or mortgages; and (iii) the Real Property constitutes a legal lot that may be leased without the need for any subdivision or platting approval. Lessor covenants that Lessee shall have the quiet enjoyment of the Property during the term of this Lease. Lessor shall indemnify Lessee from and against any loss, cost, expense or damage including attorneys fees associated with a breach of the foregoing covenant of quiet enjoyment. This Lease shall be an estate for years and not a usufruct.

31. Assignment. Any sublease, license or assignment of this Lease that is entered into by Lessor or Lessee shall be subject to the provisions of this Lease. Additionally, Lessee may, upon notice to Lessor, grant a security interest in this Lease and the Tower Facilities, and may assign

Lessor Initial: WM / MD
Lessee Initial: ____ / ____

this Lease and the Tower Facilities to any such mortgagees or holders of security interests including their successors and assigns (hereinafter collectively referred to as "Secured Parties"). In such event, Lessor shall execute such consent to leasehold financing as may reasonably be required by Secured Parties including a Subordination, Non-disturbance and Attornment Agreement required by Lessee's lender. Lessor agrees to notify Lessee and Lessee's Secured Parties simultaneously of any default by Lessee and to give Secured Parties the same right to cure any default as Lessee except that the cure period for any Secured Party shall not be less than ten (10) days after the receipt of the default notice. Lessee may assign this Lease without the consent of Lessor to an affiliate of Lessee or to an entity that acquires Lessee's communications license. If a termination, disaffirmance or rejection of the Lease pursuant to any laws (including any bankruptcy or insolvency laws) by Lessee shall occur, or if Lessor shall terminate this Lease for any reason, Lessor will give to the Secured Parties prompt notice thereof, and Lessor will give the Secured Parties the right to enter upon the Property during a 30-day period commencing upon the Secured Party's receipt of such notice for the purpose of removing any Tower Facilities. Lessor acknowledges that the Secured Parties may be third-party beneficiaries of this Lease.

32. Successors and Assigns. This Lease shall run with the Property described on **Exhibit "A"** and shall be binding upon and inure to the benefit of the parties, their respective heirs, successors, personal representatives and assigns.

33. Waiver of Lessor's Lien. Lessor hereby waives any and all lien rights it may have, statutory or otherwise, in and to the Tower Facilities or any portion thereof, regardless of whether same is deemed real or personal property under applicable laws.

34. Waiver of Incidental and Consequential Damages. Lessor will not assert any claim whatsoever against Lessee for loss of anticipatory profits or any other indirect, special, incidental or consequential damages incurred by Lessor as a result of the construction, maintenance, operation or use of the Property by Lessee.

35. Option to Purchase; Right of First Refusal. Intentionally Deleted

36. Miscellaneous.

(a) All parties pay own costs.

(b) Each party agrees to furnish to the other, within 10 days after request, such truthful estoppel information as the other may reasonably request.

Lessor Initial: ______ / ______
Lessee Initial: ______ / ______

(e) This Lease constitutes the entire agreement and understanding of Lessor and Lessee with respect to the subject matter of this Lease, and supersedes all offers, negotiations and other agreements. There are no representations or understandings of any kind not set forth herein. Any amendments to said Lease must be in writing and executed by Lessor and Lessee.

(d) If either Lessor or Lessee is represented by a real estate broker in this transaction, that party shall be fully responsible for any fees due such broker and shall hold the other party harmless from any claims for commission by such broker.

(e) Lessor shall cooperate with Lessee in executing any documents necessary to protect Lessee's rights under this Lease or Lessee's use of the Property and to take any further action that Lessee may reasonably require as to effect the intent of this Lease.

(f) This Lease shall be construed in accordance with the laws of the state in which the Property is situated.

(g) If any term of this Lease is found to be void or invalid, such invalidity shall not affect the remaining terms of this Lease, which shall continue in full force and effect.

(h) Lessee may file of record in the property records in the county in which the Property is located a Memorandum of Option and Lease which sets forth the names and addresses of Lessor and Lessee, the legal description of the Property, the duration of the Option Initial Term, the quantity and duration of the Option Renewal Term, the duration of the Initial Term and the quantity and duration of the Renewal Terms and the Option to Purchase, and Right of First Refusal.

(i) This Lease may be executed in two or more counterparts, all of which shall be considered one and the same agreement and shall become effective when one or more counterparts have been signed by each of the parties, it being understood that all parties need not sign the same counterpart.

(j) Lessee shall indemnify Lessor against and hold Lessor harmless from any and all claims of liability for or loss from personal injury and/or property damage to the extent such claims result from or arise solely out of the use and/or occupancy of the Property by Lessee. Notwithstanding the preceding, Lessee shall not indemnify Lessor against any claim to the extent that it arises from or in connection with Lessor's negligence or any act or omission of Lessor or of any agent, servant or employee of Lessor.

(k) Lessor shall indemnify Lessee against and hold Lessee harmless from any and all claims of liability for or loss from personal injury and/or property damage to the extent such claims result from or arise solely out of the ownership, use and/or occupancy of the Property by Lessor. Notwithstanding the preceding, Lessor shall not indemnify Lessee against any claim to the extent that it arises from or in connection with Lessee's negligence or any act or omission or possession of Lessee or of any agent, servant or employee of Lessee, or use or occupancy of the Leased Property by any of the foregoing.

Lessor Initial: WH MD
Lessee Initial: ____/____

(l) Each of the parties acknowledge that they have had the opportunity to have this document reviewed by counsel

[SIGNATURES CONTINUED ON FOLLOWING PAGE]

Lessor Initial: WH MD
Lessee Initial: ____ / ____

IN WITNESS WHEREOF, Optionor/Lessor and Optionee/Lessee have executed this Lease as of the date first written above.

Optionor(s):

By: William Garmon
Print: William Garmon
Title: Lessor/Coowner
Date: 9-2-07
Social Security #: 402-78-5073

By: Nancy Daugherty
Print: Nancy Daugherty
Title: Lessor/Co-owner
Date: 9-2-07
Social Security #: 400-68-0827

STATE OF KENTUCKY)
) SS:
COUNTY OF Cumberland)

The foregoing instrument was subscribed, sworn to and acknowledged before me this 2 day of September, 2007, by William Garmon, and Nancy Daugherty.

My commission expires: 09-27-2008

NOTARY PUBLIC

[SEAL]

Lessor Initial: WG / ND
Lessee Initial: ____ / ____

Optionee: Wireless Properties, LLC

By: _____

Print: G. Larry Wells, Jr.

Title: President

Date: 8-17-07

STATE OF TN)
) SS:
COUNTY OF Hamilton)

17th The foregoing instrument was subscribed, sworn to and acknowledged before me this day of August, 2007, by G. Larry Wells, Jr., as President, of Wireless Properties, LLC, a Delaware limited liability company, on behalf of the company.

My commission expires: April 21, 2010

Robin W Jones
NOTARY PUBLIC

[SEAL] ROBIN W JONES STATE OF TENNESSEE NOTARY PUBLIC HAMILTON COUNTY

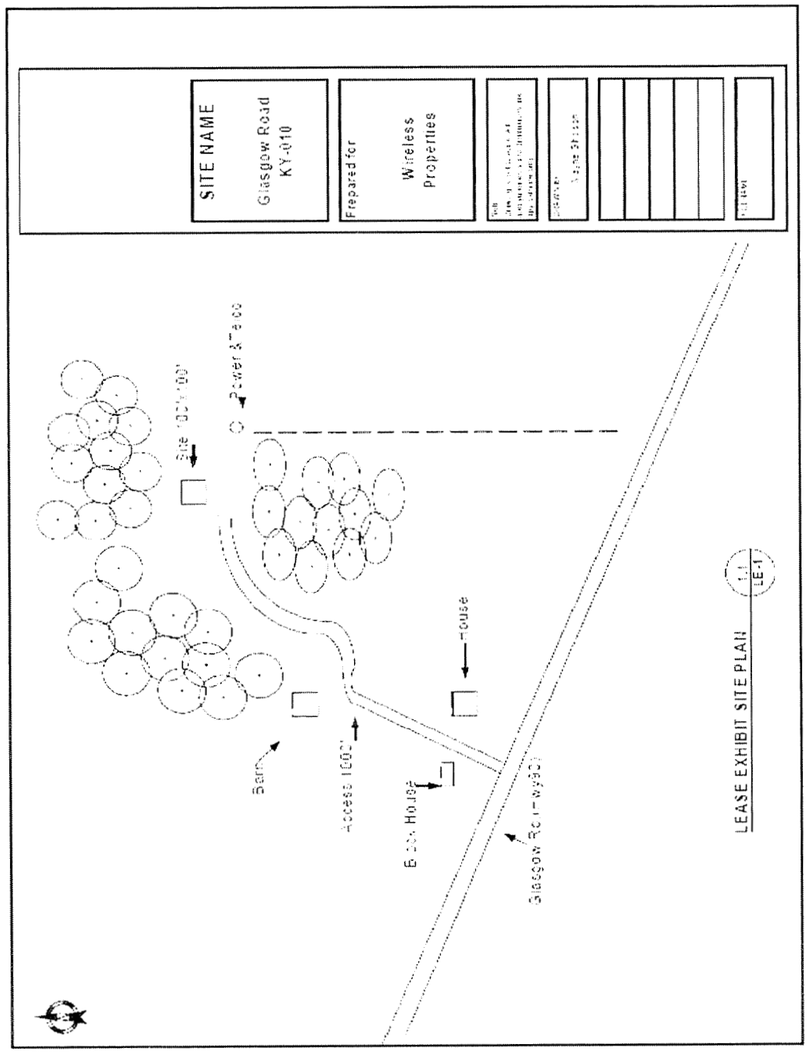
Prepared by and return to:
Site Lease Administrator
Wireless Properties, LLC
707 Republic Centre, 633 Chestnut Street
Chattanooga, Tennessee 37450
423-757-7010

Lessor Initial: WG MP
Lessee Initial: _____

Exhibit "A"

Leased Property

(To be replaced by survey upon completion)

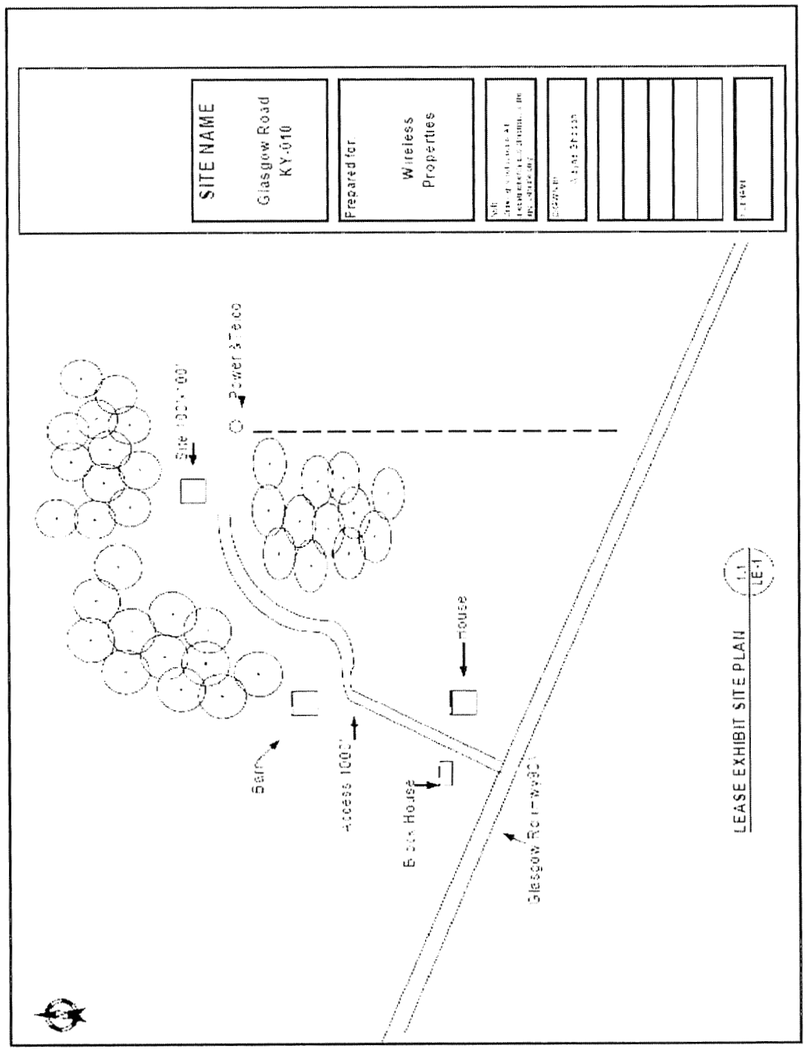


WP, LLC

Exhibit "B"

Easement

(Line drawing to be replaced by survey upon completion)



WP, LLC

EXHIBIT K

NOTIFICATION LISTING

GLASGOW ROAD LANDOWNER LISTINGS

Betty Clark
111 Leagh Court
Glasgow, KY 42141

Jerry W. Bryant
P.O. Box 64
Marrowbone, KY 42759

Vibbert Lumber Company
P.O. Box 9
Marrowbone, KY 42759

Rondal G. Burns
10068 Glasgow Rd.
Marrowbone, KY 42759

William K. Garmon
P.O. Box 168
Marrowbone, KY 42759

Marrowbone Fire Department
Glasgow Road
Marrowbone, KY 42759

Margaret Garmon
10040 Glasgow Rd
Marrowbone, KY 42759

James Turner
10030 Glasgow Rd.
Marrowbone, KY 42759

Jewell Ballard
P.O. Box 121
Marrowbone, KY 42759

Billy Vibbert
P.O. Box 10
Marrowbone, KY 42759

EXHIBIT L

COPY OF PROPERTY OWNER NOTIFICATION

PIKE LEGAL

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

Notice of Proposed Construction of
Wireless Communications Facility
Site Name: Glasgow Road Marrowbone

Dear Landowner:

Wireless Properties, LLC has filed an application with the Kentucky Public Service Commission ("PSC") to construct a new wireless communications facility on a site located at Glasgow Road, Marrowbone, Kentucky 42759 (36-49-54.0 North latitude, 85-30-26.8 West longitude). The proposed facility will include a 250-foot tall antenna tower, plus related ground facilities. This facility is needed to provide improved coverage for wireless communications in the area.

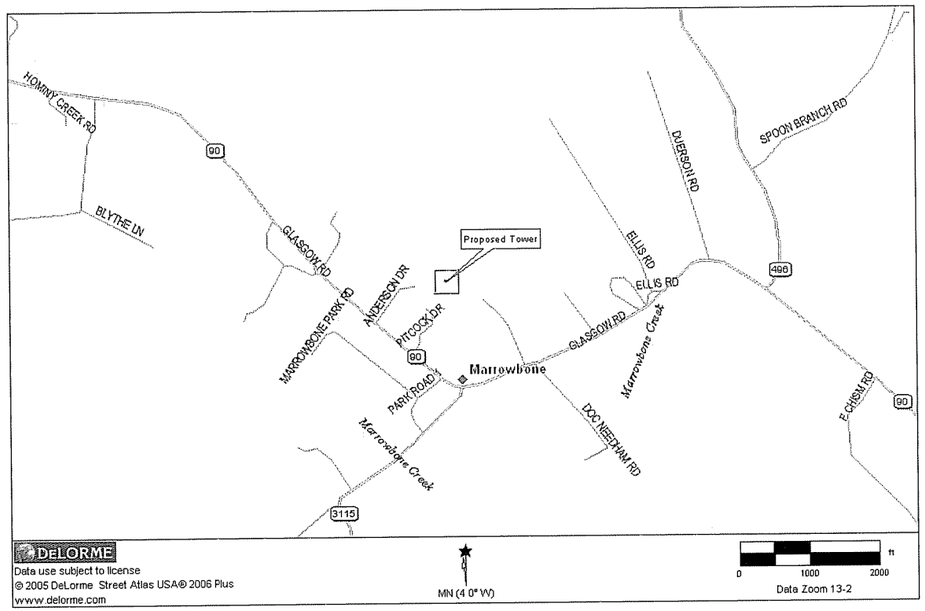
This notice is being sent to you because the Cumberland County Property Valuation Administrator's records indicate that you own property that is within a 500' radius of the proposed tower site or contiguous to the property on which the tower is to be constructed. You have a right to submit testimony 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 2008-00070 in any correspondence sent in connection with this matter.

We have attached a map showing the site location for the proposed tower. 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 Wireless Properties, LLC

enclosure

Directions to Proposed Tower
Site Name: Glasgow Road Marrowbone



- From the Cumberland County Courthouse take Main Street towards Hill Street.
- Turn right onto Hill Street and travel to Elm Street.
- Turn right onto Elm Street.
- Turn left onto KY-90 (Glasgow Road) and travel toward Marrowbone.
- The proposed access road will be at 1066 Glasgow Road
- The site is located approximately 1,500' north on the hilltop.
- Prepared by: Robert W. Grant, Pike Legal Group, PLLC, P.O. Box 369, Shepherdsville, KY 40165; telephone: 800-516-4293.

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

March 6, 2008

VIA CERTIFIED MAIL

Hon. Tim Hick
Cumberland County Judge Executive
600 Courthouse Square
P.O. Box 326
Burkesville, KY 42717-0326

RE: Notice of Proposal to Construct Wireless Communications Facility
Kentucky Public Service Commission Docket No. 2008-00070
Site Name: Glasgow Road Marrowbone

Dear Judge Hick:

Wireless Properties, LLC has filed an application with the Kentucky Public Service Commission ("PSC") to construct a new wireless communications facility on a site located at Glasgow Road, Marrowbone, Kentucky 42759 (36-49-54.0 North latitude, 85-30-26.8 West longitude). The proposed facility will include a 250-foot tall antenna tower, plus related ground facilities. This facility is needed to provide improved coverage for wireless communications in the area.

You have a right to submit comments to the PSC or to request intervention in the PSC's proceedings on the application. You may contact the PSC at: Executive Director, Public Service Commission, 211 Sower Boulevard, P.O. Box 615, Frankfort, Kentucky 40602. Please refer to docket number 2008-00070 in any correspondence sent in connection with this matter.

We have attached a map showing the site location for the proposed tower. 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.

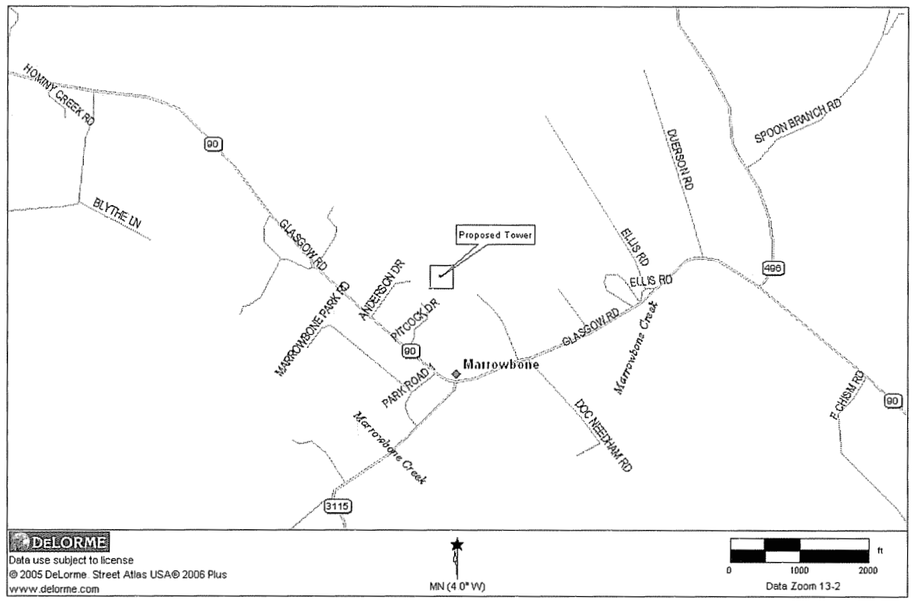
Please feel free to contact us with any comments or questions you may have.

Sincerely,

David A. Pike
Attorney for Wireless Properties, LLC

enclosure

Directions to Proposed Tower
Site Name: Glasgow Road Marrowbone



- From the Cumberland County Courthouse take Main Street towards Hill Street.
- Turn right onto Hill Street and travel to Elm Street.
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PIKE LEGAL

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

March 6, 2008

VIA CERTIFIED MAIL

Cumberland County Fiscal Court
c/o Hon. Tim Hick
600 Courthouse Square
P.O. Box 326
Burkesville, KY 42717-0326

RE: Notice of Proposal to Construct Wireless Communications Facility
Kentucky Public Service Commission Docket No. 2008-00070
Site Name: Glasgow Road Marrowbone

Dear Magistrates:

Wireless Properties, LLC has filed an application with the Kentucky Public Service Commission ("PSC") to construct a new wireless communications facility on a site located at Glasgow Road, Marrowbone, Kentucky 42759 (36-49-54.0 North latitude, 85-30-26.8 West longitude). The proposed facility will include a 250-foot tall antenna tower, plus related ground facilities. This facility is needed to provide improved coverage for wireless communications in the area.

You have a right to submit comments to the PSC or to request intervention in the PSC's proceedings on the application. You may contact the PSC at: Executive Director, Public Service Commission, 211 Sower Boulevard, P.O. Box 615, Frankfort, Kentucky 40602. Please refer to docket number 2008-00070 in any correspondence sent in connection with this matter.

We have attached a map showing the site location for the proposed tower. 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.

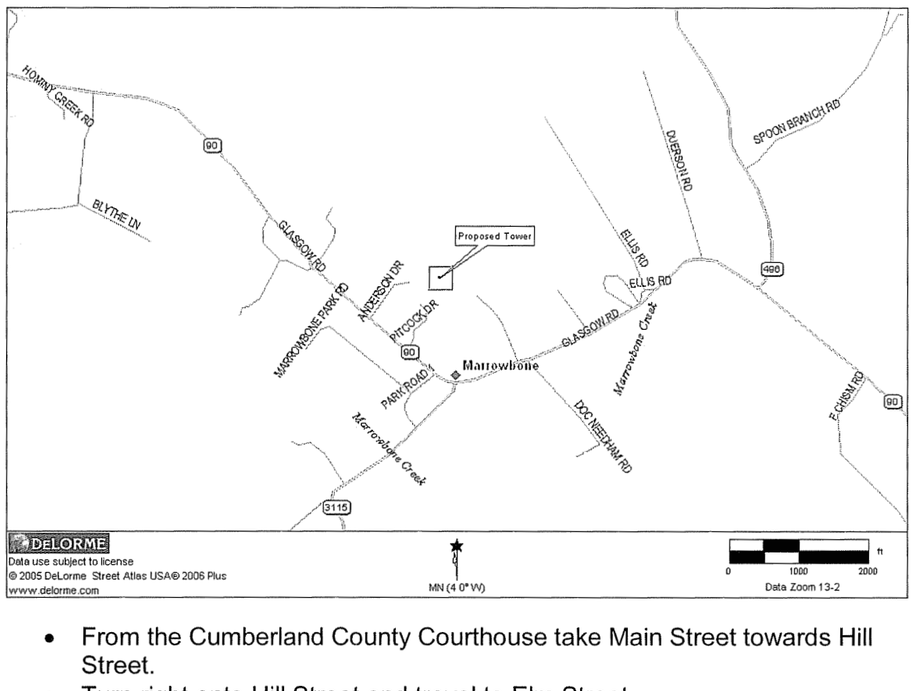
Please feel free to contact us with any comments or questions you may have.

Sincerely,

David A. Pike
Attorney for Wireless Properties, LLC

enclosure

Directions to Proposed Tower
Site Name: Glasgow Road Marrowbone



- From the Cumberland County Courthouse take Main Street towards Hill Street.
- Turn right onto Hill Street and travel to Elm Street.
- Turn right onto Elm Street.
- Turn left onto KY-90 (Glasgow Road) and travel toward Marrowbone.
- The proposed access road will be at 1066 Glasgow Road
- The site is located approximately 1,500’ north on the hilltop.
- Prepared by: Robert W. Grant, Pike Legal Group, PLLC, P.O. Box 369, Shepherdsville, KY 40165; telephone: 800-516-4293.

EXHIBIT N

COPY OF POSTED NOTICES

GLASGOW ROAD MARROWBONE
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.

Wireless Properties, LLC
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 2008-00070 in your correspondence.

Wireless Properties, LLC
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 2008-00070 in your correspondence.