

# Dane County Conditional Use Permit Application

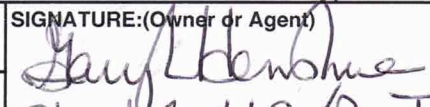
<b>Application Date</b>	<b>C.U.P Number</b>
10/30/2020	DCPCUP-2020-02512
<b>Public Hearing Date</b>	
01/26/2021	

OWNER INFORMATION		AGENT INFORMATION	
OWNER NAME JEFFREY L WEBBER	Phone with Area Code (608) 832-6279	AGENT NAME BUG TUSSEL WIRELESS / CLOUD 1, LLC	Phone with Area Code (608) 335-0151
BILLING ADDRESS (Number, Street) 9108 RIDGE DR		ADDRESS (Number, Street) 417 PINE STREET	
(City, State, Zip) MT HOREB, WI 53572		(City, State, Zip) Green Bay, WI 54301	
E-MAIL ADDRESS		E-MAIL ADDRESS gary.henshue@bugtusselwireless.com	

ADDRESS/LOCATION 1		ADDRESS/LOCATION 2		ADDRESS/LOCATION 3	
ADDRESS OR LOCATION OF CUP		ADDRESS OR LOCATION OF CUP		ADDRESS OR LOCATION OF CUP	
9108 Ridge Dr				9108 Ridge Dr	
TOWNSHIP PRIMROSE	SECTION 29	TOWNSHIP	SECTION	TOWNSHIP Primrose	SECTION 29
PARCEL NUMBERS INVOLVED		PARCEL NUMBERS INVOLVED		PARCEL NUMBERS INVOLVED	
0507-292-8000-8		---		0507-291-8500-4	

CUP DESCRIPTION
195' telecommunication tower (guyed)

DANE COUNTY CODE OF ORDINANCE SECTION	ACRES
10.103(9)	0.4

<b>DEED RESTRICTION REQUIRED?</b>  <input type="checkbox"/> Yes <input type="checkbox"/> No  Applicant Initials _____	Inspectors Initials  AMA1	<b>SIGNATURE:(Owner or Agent)</b>  Cloud 1, LLC / Bug Tussel
	<b>PRINT NAME:</b> Gary L. Henshue	
<b>DATE:</b> 10/30/20		

COMMENTS: CUP AREA INCLUDES 100'X100' LEASE AREA AND EASEMENT AREAS FOR GUYED LINES AND DRIVEWAY ACCESS.



**Dane County**  
**Department of Planning and Development**  
 Zoning Division  
 Room 116, City-County Building  
 210 Martin Luther King Jr. Blvd.  
 Madison, Wisconsin 53703  
 (608) 266-4266

Application Fees	
General:	\$495
Mineral Extraction:	\$1145
Communication Tower:	\$1145 (+\$3000 RF eng review fee)
PERMIT FEES DOUBLE FOR VIOLATIONS OR WHEN WORK HAS STARTED PRIOR TO ISSUANCE OF PERMIT	

## CONDITIONAL USE PERMIT APPLICATION

### APPLICANT INFORMATION

Property Owner Name:	Jeffrey & Beverly Webber	Agent Name:	Bug Tussel Wireless/Cloud 1, LLC
Address (Number & Street):	9108 Ridge Road	Address (Number & Street):	417 Pine Street
Address (City, State, Zip):	Mt. Horeb, WI 53572	Address (City, State, Zip):	Green Bay, WI 54301
Email Address:	None	Email Address:	gary.henshue@bugtusselwireless.com
Phone#:	608-832-6279	Phone#:	608-335-0151

### SITE INFORMATION

Township:	Primrose	Parcel Number(s):	29185004, 29190007, 29280008, 29295001
Section:	29	Property Address or Location:	9108 Ridge Road, Mt. Horeb, WI 53572
Existing Zoning:	FP-35	Proposed Zoning:	FP-35
		CUP Code Section(s):	

### DESCRIPTION OF PROPOSED CONDITIONAL USE

<p><b>Type of conditional use permit</b> (for example: limited family business, animal boarding, mineral extraction, or any other listed conditional use):</p> <p>Wireless communications tower.</p>	<p><b>Is this application being submitted to correct a violation?</b></p> <p>Yes <input type="checkbox"/> No <input checked="" type="checkbox"/></p>
<p><b>Provide a short but detailed description of the proposed conditional use:</b></p> <p>Bug Tussel Wireless/Cloud 1, LLC is proposing to build a 195' guyed communications tower at 9108 Ridge Drive, Mt. Horeb, WI 53572. The communication facility and tower are on a 40- acre parcel(s) owned by Jeffrey &amp; Beverly Webber. The parcels for the tower site and driveway entrance are 048-0507-291-8500-4, 048-0507-291-9000-7, 048-0507-292-8000-8 and 048-0507-292-9500-1. The site is located within the Town of Primrose and is accessed from Ridge Drive.</p>	

### GENERAL APPLICATION REQUIREMENTS

**Applications will not be accepted until the applicant has met with department staff to review the application and determined that all necessary information has been provided. Only complete applications will be accepted. All information from the checklist below must be included. Note that additional application submittal requirements apply for particular uses or as may be required by the Zoning Administrator. Applicants for significant and/or potentially controversial conditional uses are strongly encouraged to meet with staff prior to submittal.**

<input checked="" type="checkbox"/> Complete attached information sheet for standards	<input checked="" type="checkbox"/> Site Plan drawn to scale	<input checked="" type="checkbox"/> Detailed operational plan	<input checked="" type="checkbox"/> Written legal description of boundaries	<input checked="" type="checkbox"/> Detailed written statement of intent	<input checked="" type="checkbox"/> Application fee ( <b>non-refundable</b> ), payable to Dane County Treasurer
---	--	---	---	--	---

I certify by my signature that all information presented herein is true and correct to the best of my knowledge. I hereby give permission for staff of the Dane County Department of Planning and Development to enter my property for the purpose of collecting information to be used as part of the review of this application. I acknowledge that submittal of false or incorrect information may be grounds for denial of this application.

Owner/Agent Signature: Gary Henshue, Cloud 1, LLC  
Bus. Dev.

Date: 10-13-20

## WRITTEN STATEMENT OF INTENT AND OPERATIONS PLAN

Applicants must provide a detailed written statement of intent describing the proposed conditional use along with an operational plan that explains how the conditional use will be operated. Please use the form below and provide responses, as applicable, to your proposed conditional use. Attach additional pages, if necessary.

Describe in detail the proposed conditional use. Provide the specific location of the use(s), type of equipment used, planned property improvements, including description / size of existing or proposed new buildings to be used, and any other relevant information. For existing or proposed commercial operations, provide the name of the business and describe the nature and type of business activity.

See attached written response to Statement of Intent and Operations Plan.

List the proposed days and hours of operation.

List the number of employees, including both full-time equivalents and maximum number of personnel to be on the premises at any time.

List any anticipated noise, odors, dust, soot, runoff or pollution associated with the conditional use, along with any proposed measures that will be taken to mitigate impacts to neighboring properties.

Describe any materials proposed to be stored outside and any activities, processing or other operations taking place outside an enclosed building.

For proposals involving construction of new facilities and/or infrastructure, describe, as applicable, any measures being taken to ensure compliance with county stormwater and erosion control standards under [Chapter 11](#) of [Chapter 14](#), Dane County Code.

List and describe existing or proposed sanitary facilities, including adequate private onsite wastewater treatment systems, associated with the proposed conditional use. For uses involving domestic pets or livestock, list and describe measures taken to address manure storage or management.

List and describe any existing or proposed facilities for managing and removal of trash, solid waste and recyclable materials.

Describe anticipated daily traffic, types and weights of vehicles, and any provisions, intersection or road improvements or other measures proposed to accommodate increased traffic.

Provide a listing of any hazardous, toxic or explosive materials to be stored on site, and any spill containment, safety or pollution prevention measures.

Describe any existing or proposed outdoor lighting along with any measures that will be taken to mitigate light-pollution impacts to neighboring properties. The Zoning Administrator may require submittal of a photometric plan for outdoor lighting if deemed necessary to determine potential impacts to neighbors.

Describe any existing or proposed signage, including size, location, and materials, consistent with the county's sign ordinance found in s. [10.800](#).

Briefly describe the current use(s) of the property on which the conditional use is proposed.

Briefly describe the current uses of surrounding properties in the neighborhood.

## APPLICATION CHECKLIST FOR A CONDITIONAL USE PERMIT

**A scaled site plan and detailed operations plan must be submitted with your Conditional Use Permit application. Please use the checklist below to ensure you are submitting all required information applicable to your request. Please attach to your application form the required maps and plans listed below, along with any additional pages.**

### **■ SCALED SITE PLAN. Show sufficient detail on 11" x 17" paper. Include the following information, as applicable:**

- Scale and north arrow.
- Date the site plan was created.
- Existing subject property lot lines and dimensions.
- Existing and proposed wastewater treatment systems and wells.
- All buildings and all outdoor use and/or storage areas, existing and proposed, including provisions for water and sewer.
- All dimension and required setbacks, side yards and rear yards.
- Location and width of all existing and proposed driveway entrances onto public and private roadways, and of all interior roads or driveways.
- Location and dimensions of any existing utilities, easements or rights-of-way.
- Parking lot layout in compliance with s. [10.102\(8\)](#).
- Proposed loading/unloading areas.
- Zoning district boundaries in the immediate area. All districts on the property and on all neighboring properties must be clearly labeled.
- All relevant natural features, including navigable and non-navigable waters, floodplain boundaries, delineated wetland areas, natural drainage patterns, archeological features, and slopes over 12% grade.
- Location and type of proposed screening, landscaping, berms or buffer areas if adjacent to a residential area.
- Any lighting, signs, refuse dumpsters, and possible future expansion areas.

### **■ NEIGHBORHOOD CHARACTERISTICS. Describe existing land uses on the subject and surrounding properties:**

- Provide a brief written statement describing the current use(s) of the property on which the conditional use is proposed.
- Provide a brief written statement documenting the current uses of surrounding properties in the neighborhood.

### **■ OPERATIONS PLAN AND NARRATIVE. Describe in detail the following characteristics of the operation, as applicable:**

- Hours of operation.
- Number of employees, including both full-time equivalents and maximum number of personnel to be on the premises at any time.
- Anticipated noise, odors, dust, soot, runoff or pollution and measures taken to mitigate impacts to neighboring properties.
- Descriptions of any materials stored outside and any activities, processing or other operations taking place outside an enclosed building.
- Compliance with county stormwater and erosion control standards under [Chapter 11](#) of [Chapter 14](#), Dane County Code.
- Sanitary facilities, including adequate private onsite wastewater treatment systems and any manure storage or management plans approved by the Madison and Dane County Public Health Agency and/or the Dane County Land and Water Resources Department.
- Facilities for managing and removal of trash, solid waste and recyclable materials.
- Anticipated daily traffic, types and weights of vehicles, and any provisions, intersection or road improvements or other measures proposed to accommodate increased traffic.
- A listing of hazardous, toxic or explosive materials stored on site, and any spill containment, safety or pollution prevention measures taken.
- Outdoor lighting and measures taken to mitigate light-pollution impacts to neighboring properties.
- Signage, consistent with section [10.800](#).

### **■ ADDITIONAL MATERIALS. Additional information is required for certain conditional uses listed in s. [10.103](#):**

- Agricultural entertainment, special events, or outdoor assembly activities anticipating over 200 attendees must file an [event plan](#).
- [Domestic pet](#) or [large animal boarding](#) must provide additional information in site and operations plans.
- Communication towers must submit additional information as required in s. [10.103\(9\)](#).
- Farm residences proposed in the FP-35 district must submit additional information as required in s. [10.103\(11\)](#).
- Mineral extraction proposals must submit additional information as required in s. [10.103\(15\)](#).

## ***Supporting Document for Cloud 1, LLC/Bug Tussel Wireless CUP Application***

### **STANDARDS FOR CONDITIONAL USE PERMITS**

#### **Standard #1 –**

The wireless broadband services provided by Bug Tussel Wireless will not be detrimental to or endanger the public health, safety, comfort or general welfare of the community. In fact, having access to reliable, high speed broadband service will enhance the quality of life in the township. Rural broadband service is essential for the residents of the Town of Primrose and Dane County. This broadband service will promote and enhance economic viability, economic growth, rural agriculture, the education of both young students and adults, work at home situations, telehealth needs and public safety. Broadband service has become an essential service in our society.

The Wisconsin Public Service Commission (PSC) has an initiative to promote rural broadband throughout Wisconsin. The mission of the Wisconsin Broadband Office of the PSC is to make Wisconsin more competitive through advancing the availability, adoption, and use of broadband technologies. The Wisconsin Broadband Office works with stakeholders to build partnerships with providers to enhance broadband across the state. In addition, Connecting America: The National Broadband Plan is a FCC plan to improve internet access in the United States. This National Broadband Plan sets out a roadmap for initiatives to stimulate economic growth, spur job creation and boost America's capabilities in education, health care, homeland security and more. Nothing highlights this need more than the current health crisis we are facing in our communities *with many students implementing distant learning, many adults working from home and numerous residents relying on telehealth services*. This tower is an opportunity for the residents of the Town of Primrose to have another broadband provider *at no cost to the community*. This proposed communications tower will benefit both the unserved and underserved residents of the township. Enclosed are the following items that support the need for rural broadband in the Town of Primrose –

- Maps from the Wisconsin PSC website showing the broadband underserved areas in the Town of Primrose. Residents of the Township need broadband options.
- News article from Madison.com – High-Speed Internet Access Critical for Students and Job Seekers. As noted in this article, access to reliable broadband is vital for today's young people in their search for education and job training.
- News article from Connected Nation – Discusses the importance of Telehealth in rural markets.

The proposed communications tower also has three additional locations (RAD Centers) for other wireless communication providers to install their equipment in the future.

#### **Standard #2 -**

The wireless broadband services provided by Bug Tussel Wireless will not impair or diminish the use, values and enjoyment of other property in the neighborhood. The area around the

proposed tower site is rural agricultural land. Broadband services in the rural area are in high demand and present no health and safety concerns to township residents.

**Standard #3 -**

The wireless broadband services provided by Bug Tussel Wireless will not impede the normal and orderly development and improvement of the surrounding property. The area around the proposed tower site is rural agricultural land. Broadband services in the rural area are in high demand and present no health and safety concerns to township residents. This proposed tower provides the residents of the township another broadband service provider option. This rural broadband service should enhance the property values in the surrounding area.

**Standard #4 -**

As the construction plans and other documentation included in the Conditional Use Permit application show, adequate utilities, access roads, site drainage and other necessary site improvements are available to accommodate the conditional use.

**Standard #5 -**

As the construction plans included in the Conditional Use Permit application show, ingress and egress has been designed for this broadband tower site. The proposed site plans utilize the existing driveway entrance off Ridge Drive. There will be no change in congestion from the current traffic patterns. Once construction of the tower is completed vehicular traffic will visit the site approximately 4-6 times per year, unless there are service problems with the equipment on the tower.

**Standard #6 -**

The requested conditional use for a broadband tower will conform to all applicable regulations of the Township/County.

**Standard #7 -**

Below are a few examples from the Town of Primrose Comprehensive Plan supporting the need for rural broadband and other wireless communication services –

- Chapter 3, Page 2 (Transportation Goals, Objectives and Policies) – Ensure safe and efficient transportation. *BTW comment – Wireless communications is essential for safe and efficient transportation. Wireless communications are utilized for mobile navigation (GPS), as well as, to contact emergency services (911). The power of high-speed broadband can help make streets safer and government services more efficient. Deploying internet services in County police, fire and safety vehicles provide professionals with the resources they need to better serve and protect residents of the township.*
- Chapter 4, Page 3 (Policies and Programs) – Work to improve uniformity and availability of telecommunication and high-speed internet services to town residents. *BTW comment - There are unserved and underserved areas in the Town of Primrose.*
- Chapter 5, Page 2 (Farming Today) – Because farming is the Town’s primary activity..... *BTW comment – Farming today requires connections to both broadband and wireless communication services in order to remain competitive. Many of the*

*modern farm machinery are linked to wireless networks in order to manage crop yield tracking. Access to broadband is essential for farmers to follow commodity markets, communicate with suppliers and customers, gain access to new markets around the world and, increasingly for regulatory compliance.*

- Chapter 5, Page 8 (Agricultural Resource Goals) – Keep farming economically viable in the Town of Primrose through the 21<sup>st</sup> century.
- Chapter 6, Page 2 (Types of Business Desired by Town) – Town residents identified farm-based businesses, and small home-based occupations as types of businesses they would like to see in the future. *BTW comment - Farm-based and small home-based businesses need high-speed broadband services and other wireless communications services.*
- Chapter 6, Page 4 (Policies and Programs) – Work with University of Wisconsin Extension, local schools, 4-H and other groups to help interested town residents learn new skills. *BTW comment – The internet allows rural residents a tremendous opportunity to stay connected to numerous learning opportunities and experiences. The internet provides the world at your fingertips.*

**Standard #8 –**

Parcels 048-0507-291-8500-4, 048-0507-291-9000-7, 048-0507-292-8000-8 and 048-0507-292-9500-1 are in the General Farmland Preservation Zoning District (FP-35). A communication tower is a Conditional Use in this zoning district.

**Consistent with Purposes of District –**

Per Section 10.222, the FP-35 General Farmland Preservation district is designed to (a) provide for a wide range of agriculture and agricultural accessory uses. The FP-35 district accommodates as permitted uses all activities typically associated with the primary production and harvesting of crops, livestock, animal products or plant materials, (c) Allow for other incidental activities compatible with agricultural use to supplement farm family income and support the agricultural community.

Rural broadband is essential to modern agriculture, the farmers who grow our food, as well as, the quality of life for rural township residents. Town residents depend on broadband just as they do township roads, county and state highways.

**Broadband Service and Farming –**

Farmers embrace technology that allows their farming businesses to be more efficient, economical and environmentally friendly. Today's farmers are using precision agricultural techniques to make decisions that impact the amount of fertilizer they need to purchase and apply to the field, the amount of water needed to sustain the crop, and the amount and type of herbicides or pesticides they may need to apply. When farmers can't maximize the functionality of their equipment, particularly in the middle of the field, it has repercussions beyond the farm. More and more of the future is about data and data transfer. The timely dissemination and use of data are becoming more important in a precision ag and decision ag world. These are only a few examples of the way's farmers

use broadband connectivity to achieve optimal yield, lower environmental impact and maximize profits.

Farmers rely on broadband access to manage and operate a successful business, the same as small businesses do in urban areas of the state. Access to is essential for farmers to follow commodity markets, communicate with suppliers and customers, gain access to new markets and, increasingly for regulatory compliance.

#### **Broadband Service and Quality of Life –**

Rural communities need access to health care, government services, and educational and business opportunities. Based on the Wisconsin PSC broadband maps for the Town of Primrose (see enclosed) this area is unserved or underserved. Current and future generations of township residents will be left behind urban citizens if they are without affordable high-speed broadband alternative services. There is a clear disparity between connectivity in rural versus non-rural areas. The results of numerous qualitative and quantitative research have highlighted the critical need to improve rural broadband services, which has implications far beyond quality of life (information, communication and entertainment) in addition to the livelihood for rural communities.

#### **Alternative Locations for Tower –**

The tower location in the Town of Primrose was selected within the  $\frac{3}{4}$  mile search ring. The enclosed Affidavit discusses why this is the preferred tower location based on coverage and backhaul. There are no other wireless communications towers within  $1\frac{1}{2}$  miles of this proposed tower location.

#### **Minimize Conversion of Land –**

Broadband and other wireless services in the Town of Primrose provides the township the opportunity to minimize the conversion of the existing land. Broadband services support all the existing agricultural uses and open space uses of the township land. These wireless services will allow the existing farmers/landowners the opportunity to stay competitive and informed. Today broadband service is an essential service in both urban and rural areas.

#### **Surrounding Parcels –**

Broadband and other wireless services in the Town of Primrose does not substantially impair or limit the current or future agricultural use of surrounding parcels. In fact, broadband services support all the existing agricultural uses and open space uses of the township land. Today broadband service is an essential service in both urban and rural areas.

#### **Construction Damage –**

The proposed communications tower will disturb approximately  $1\frac{1}{2}$  acres of land. Appropriate erosion control measures will be taken during the tower construction process. In addition, the site will be restored to pre-existing ground conditions.



**WRITTEN STATEMENT OF INTENT AND OPERATIONS PLAN**

Bug Tussel Wireless/Cloud 1, LLC is proposing to build a 195’ guyed communications tower at 9108 Ridge Drive, Mt. Horeb, WI 53572. The communication facility and tower are on a 40-acre parcel(s) owned by Jeffrey & Beverly Webber. The parcels for the tower site and driveway entrance are 048-0507-291-8500-4, 048-0507-291-9000-7, 048-0507-292-8000-8 and 048-0507-292-9500-1. The site is located within the Town of Primrose and is accessed from Ridge Drive.

The broadband coverage for the 195’ height tower is shown in the chart below.

**Broadband Coverage**

<b>Primrose A Cambium RAD Center 189’ Height (195’ Tower)</b>
Population Covered: 721
Surface Area Covered: 28.8 Square Miles
Minimum Usable RSRP (Receive Signal Level): -82 dBm

In regard to collocation, there are presently no towers in this area. The Bug Tussel Wireless RF engineer performed a search within 1 ½ miles of our search ring center and there are no towers withing this 1 ½ mile area. As a result of this search, collocation on another tower is not an option within this vicinity.

Bug Tussel Wireless will install broadband equipment on this tower. There are three additional locations on the tower to place additional equipment. There will be a 40’ x 40’ fence around the gravel compound area. The driveway to the tower site utilizes both an existing driveway of Ridge Drive and a new gravel extension to the tower site. No building will be part of this tower build. Three down guy wires will extend 156’ from the tower to three guy anchor locations to support the guyed tower.

The equipment installed on the tower will operate within FCC licensed bands of wireless spectrum which do not overlap with any other entity. All equipment is FCC compliant from an operational tolerance perspective. Regarding licensed and unlicensed bands (as allowed by the FCC), the equipment does not cause external interference nor transmit outside of the allowed and exclusive frequencies and/or thresholds. The emissions are also in alignment with FCC guidelines.

At the present time, the timeline for construction will be late 2020 or early 2021 depending on timing of zoning approvals from both the Town of Primrose and Dane County.

The property is presently zoned FP-35 (General Farmland Preservation) Zoning District. Communications facilities within this district require a conditional use permit. All adjacent properties are zoned FP-35 as well.

The site is suitable for use as a communication tower facility in that it fills a much-needed gap in broadband and wireless coverage in this area. The tower site is in an area with mild topography, minimizes impact on agricultural production, and has little or no impact on adjacent parcels. The proposed communications tower will operate 365 days a year 24/7. After the initial construction, there will be no employees onsite unless there are service problems with the equipment of new equipment being installed. It is estimated that a one-ton pickup truck and maintenance person(s) will visit the site approximately 6-10 times per year. Thus, no increase in traffic over existing conditions.

It is anticipated that the tower site will not produce noise, odors, dust, soot, runoff or pollution. Proper erosion control measures (per township and Dane County standards) will be taken during the 6-8-week construction period and after the site is fully restored.

No materials will be stored outside the 40' x 40' fence in compound area. Only a metal cabinet will be at the base of the tower.

No sanitary facilities are proposed at the tower site.

No proposed onsite facilities are planned for trash, solid waste or recyclable materials.

No hazardous, toxic or explosive materials will be stored onsite.

The FAA does not require a light on top of the 195' guyed communications tower.

No signage is proposed for this tower site other than the FCC posting of the tower registration number readily visible at the base of the tower structure.

Current use of the property, as well as, the surrounding properties is agricultural.

The communications tower site will comply with both county stormwater and erosion control standards under Chapter 11 of Chapter 14, Dane County Code.

No future expansion is anticipated outside the CUP area.

The Town of Primrose zoning map is enclosed in this permit filing. In order to analyze the dBm levels by zoning type we would need to overlap the zoning map with the propagation maps. We do not have the software to do this.

Bug Tussel Wireless/Cloud 1, LLC has contacted the Town of Primrose regarding this proposed tower site. Refer to email on 9/21/20 to Town of Primrose Town Clerk, Ruth Hansen.

The name, address and contact individual for the tower company/anchor tenant along with the FCC license number for the service provider Bug Tussel Wireless/Cloud 1, LLC is –  
Cloud 1, LLC 417 Pine Street, Green Bay, WI 54301, FCC License - #0018139824  
Contact: Jason Wied 920-940-0137

The legal description for the CUP area provided in the application includes the leased area, guyed lines and the access drive to the site. Bug Tussel Wireless/Cloud 1, LLC believes all these areas should be included in the CUP area and it should not be limited to just the 100'x100' leased area. Bug Tussel Wireless/Cloud 1, LLC will need both the guyed lines and the access drive in order to construct and operate this tower. The entitlement Bug Tussel Wireless/Cloud 1, LLC is requesting should include the entirety of the wireless communications facility and its appurtenances, not just the lease area and the support structure.

Dane County Department of Planning & Development  
Room 116, 210 Martin Luther King, Jr. Blvd.  
Madison, WI 53703

September 1, 2020

Dane County Zoning,

Bug Tussel Wireless operates within FCC licensed bands of wireless spectrum which do not overlap with any other entity. Our equipment is licensed and monitored by the FCC and any interference issues brought to us will be given the highest priority. We will work with all parties to ensure all interference issues are investigated and resolved as soon as they are brought to our attention.

All equipment is FCC compliant from an operational tolerance perspective. Regarding licensed and unlicensed bands (as allowed by FCC), the equipment does not cause external interference nor transmit outside of the allowed and exclusive frequencies and/or thresholds. The emissions are also in alignment with FCC guidelines.

Finally, we will install Bug Tussel Wireless fixed wireless internet services on the site. If you have additional questions about this matter, please let me know.

Thank you,



Adam Craig  
RF Engineer  
Bug Tussel Wireless  
417 Pine Street  
Green Bay, WI 54301

Dane County Department of Planning & Development  
Room 116, 210 Martin Luther King, Jr. Blvd.  
Madison, WI 53703

September 1, 2020

Dane County Zoning,

The Primrose tower search ring applies only to Bug Tussel Wireless' fixed wireless broadband internet services.

If you have additional questions about this matter, please let me know.

Thank you,  
  
Adam Craig  
RF Engineer  
Bug Tussel Wireless  
417 Pine Street  
Green Bay WI 54301

Majid Allan

Senior Planner

Dane County Department of Planning & Development  
Room 116, 210 Martin Luther King, Jr. Blvd.  
Madison, WI 53703

October 13, 2020

Dear Sir and Madam,

In response to your letter about the incomplete application for the proposed Bug Tussel Tower, I have answered the questions it contained below.

1. As Bug Tussel Wireless does not own any licensed spectrum for wireless services in Dane County, we will be using unlicensed 3.65 GHz frequencies.
2. The minimum RSL (Receive Signal Strength) needed for proper wireless communication throughput using the equipment Bug Tussel Wireless has purchased is -82 dBm.
3. Subscriber end Antenna height used in predictions are set at 15 ft above ground, as this is an average between one- and two-story house roofs.
4. EIRP is set to the Cambium Radio's maximum output power: 36 dBm.
5. After review of our backhaul design and lower frequency usage, we found that a lower frequency used at a lower RAD center will work in a manner close to what he had designed previously, and the microwave redundancy should not be majorly affected by the lower height.
6. With the above information, we can use a 195 ft tower.

If you have additional questions about this matter, please let me know.

Thank you.



Adam Craig

RF Engineer

Bug Tussel Wireless

417 Pine Street

Green Bay WI 54301

BREAKING Badgers' senior WR A.J. Taylor ruled out for season



[https://madison.com/online\\_features/education/high-speed-internet-access-critical-for-students-and-job-seekers/article\\_bc8106db-7305-5988-80fd-e87900b4f555.html](https://madison.com/online_features/education/high-speed-internet-access-critical-for-students-and-job-seekers/article_bc8106db-7305-5988-80fd-e87900b4f555.html)

ADVERTORIAL

# High-Speed Internet Access Critical for Students and Job Seekers

May 28, 2019



(StatePoint) The job market is rapidly changing, thanks to new and emerging technologies. As a result, job training has become highly specialized, even at the high school level.

While young people living in urban and suburban communities often benefit from on-site access to the specialized education that they will need for future career success, those living in rural areas must sometimes rely on distance education to get the same training, as smaller rural schools can't always realistically offer a wide range of specialized coursework.

With this in mind, a recent report from NTCA–The Rural Broadband Association, highlights the need for high-speed Internet access in every community nationwide to meet the demands of tomorrow's job market.

With two job categories poised for demand, middle-skill and STEM jobs, experts say that reliable rural broadband access will help ensure that there are enough trained workers available to fill the next generation of American jobs, while also helping to expand job opportunities for a greater number of young people.

Rural broadband providers continue to play a vital role. By leveraging their networks and working closely with local educational institutions, they are providing fiber connectivity and broadband to schools in harder-to-reach locations. As a result of these initiatives, a greater number of communities and schools can offer specialized coursework, career guidance and more to their students, helping to build local career opportunities and strengthen local economies.



Those who have directly benefitted from rural broadband echo this sentiment.

“High-speed internet service in my rural area allowed me to participate more fully in high school and gave me the chance to explore more opportunities after graduation. I am so grateful for the access it provided me, I am now actually working at a broadband company myself and plan to study business management and marketing at school,” says Devin Bryant, a young adult living and working in Abbeville, S.C. “Good service allows me to stay in my rural area near family and friends and still pursue the job opportunities I want.”

With an effort already underway by NTCA to build smart and connected rural communities, experts say you can expect to see expanded educational opportunities and strengthened local economies nationwide. To learn more about these efforts, visit [ntca.org](http://ntca.org).

Access to reliable broadband is vital for today’s young people in their search for education and job training.

\*\*\*\*\*

Photo Credit: (c) Sergii Mostovyi / stock.Adobe.com



(<https://connectednation.org/>)

# TELEHEALTH IS ONE TOOL FOR PREVENTING THE SPREAD OF CORONAVIRUS

## WHAT A TELEHEALTH STUDY IN RURAL MICHIGAN CAN TEACH US ABOUT TAKING A BETTER APPROACH TO HEALTHCARE EVERY DAY AND DURING A HEALTH CRISIS

by Jessica Denson, Communications Director  
Connected Nation

Lansing, MI **(March 12, 2020)** – Fears about the coronavirus (COVID-19), including [how easily it can be transmitted](#)



(<https://gisanddata.maps.arcgis.com/apps/opsdashboard/>)

CLICK THE ABOVE MAP TO SEE THE LATEST CONFIRMED CASES OF CORONAVIRUS.

(<https://www.cdc.gov/coronavirus/2019-ncov/about/transmission.html>) and its deadly impact on vulnerable populations, are, perhaps, spreading faster than the virus itself.

According to Johns Hopkins University

(<https://gisanddata.maps.arcgis.com/apps/opsdashboard/index.html#/bda7594740fd402994234>) there are now 3,813 confirmed cases and 69 deaths from coronavirus in the U.S. (Please note: these numbers were last updated on March 16, 2020)

The advice offered from health experts is to wash your hands often, don't touch your face, and to practice "social distancing" tactics like canceling events or working from home.

Another answer many are now proposing is to place more emphasis on telehealth rather than face-to-face doctor's visits.

Telehealth is, according to [healthit.gov](https://www.healthit.gov/faq/what-telehealth-how-telehealth-different-telemedicine) (<https://www.healthit.gov/faq/what-telehealth-how-telehealth-different-telemedicine>), "the use of electronic and telecommunications technologies to support long-distance clinical healthcare, patient and professional health-related education, public health, and health administration." By using telehealth applications, doctors can diagnose patients remotely, prescribe medicine and have it delivered to a patient's front door. This means someone who may be infected does not have to go out. In essence, practicing telemedicine can actually help prevent the spread of coronavirus.

In fact, the Centers for Disease Control (CDC) issued a series of recommendations (<https://www.cdc.gov/coronavirus/2019-ncov/php/preparing-communities.html>) to help communities prepare for the potential spread of coronavirus. They include "leveraging existing telehealth tools to direct people to the right level of healthcare for their medical needs."

Telehealth comes in many forms. Connected Nation (CN), through its state program Connected Nation Michigan (CN Michigan), last week released a groundbreaking study that closely examined the use and perceptions of telehealth in rural areas with a focus on five Michigan counties. Through that study, researchers found that accessing a website is the most popular way to use telehealth (36%), followed by interacting via email (34%), text messaging (17%), mobile apps (12%), video conferencing (4%), and social media (4%).

The study also found that adults age 65 and older are the most likely to benefit from remote monitoring applications. These include remote heart, blood pressure, and blood sugar monitoring as well as electronic reminders to take medicine. Despite those benefits, this same age group is the least likely to communicate with healthcare providers online, in part due to concerns about the privacy of their online information.

However, if we can remove the barriers to expanding telehealth and alleviate individual concerns and understanding about its use, we can help protect more people and respond more effectively to public health concerns. Among the counties surveyed, researchers found that one in seven households said accessing information online prevented trips to the doctor or medical center. In addition, one in five (21%) of those who have not used a telehealth application would do so if their healthcare provider offered one.

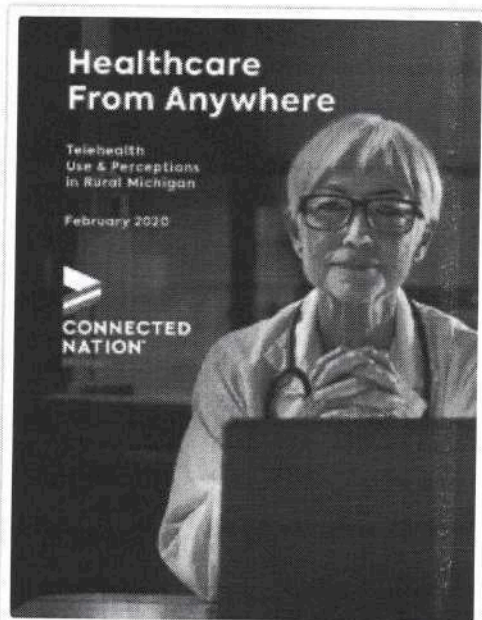
But telehealth is not just a temporary fix for the current health crisis—it can mean long-term improvement on health services, especially in rural areas. Researchers also found, among other things, the highest ratios in the country of patients per doctor, a lower-than-average life expectancy, and a higher-than-average number of preventable hospital stays in rural states with restrictive telehealth policies.

Put another way, those states that have more progressive and open approaches to funding and supporting telehealth are doing more to improve the overall health and life expectancies of constituents. There are barriers that can be addressed to improve and expand telehealth in those states that have restrictive or moderate policies.

### **The Three Challenges for Telehealth**

The study found that three major challenges affect rural health networks: a lack of funding for program expansion; the need for improved broadband (high-speed internet) access; and disparate reimbursement from insurance and Medicaid telehealth services.

The funding challenge is something that both private and public entities must take on to improve telehealth. In the study, CN Michigan's researchers learned that telehealth can lead to massive savings once it's in place. In the five counties surveyed, telehealth usage represents a savings of nearly \$4.7 million per year, just for 15-minute visits to general practitioners. In addition, calculating for time spent between travel, waiting rooms, and



(<https://connectednation.org/wp-content/uploads/2020/03/CN-TELEHEALTH-2020-022720-FINAL-2.pdf>)

CLICK THE ABOVE IMAGE TO VIEW THE FULL STUDY OR DOWNLOAD THE PDF.

doctors' visits themselves, this represents nearly \$1 million (\$985,000) in lost productivity per year per county, totaling a savings of \$5.7 million per year in these five counties alone.

Another issue is the need for improved broadband access and speed that can better support telehealth applications and usage. Connected Nation has been working to improve broadband access, adoption, and use in every community for nearly two decades. In the last two years, we've seen a better understanding that this technology is no longer a

~~privilege but a necessity~~—and lawmakers are taking action. From \$500+ million in loans and grants for rural broadband offered through the USDA's ReConnect Program

(<https://www.usda.gov/reconnect>) to the just passed Broadband DATA Act (<https://www.congress.gov/bill/116th-congress/senate-bill/1822>), we're seeing forward momentum on connecting rural areas across the country.

At the same time, Congress is attempting to address this issue of reimbursement for using telehealth in response to the rapidly-spreading coronavirus. Lawmakers passed H.R. 6074 (<https://www.congress.gov/bill/116th-congress/house-bill/6074>) last Thursday which has been dubbed the "Coronavirus Preparedness and Response Supplemental Act, 2020." The Act temporarily waives restrictions on billing Medicare for telehealth services during emergency periods. It is now on the President's desk awaiting his signature. So, in other words, in emergency areas and time periods, seniors will be able to use more telehealth services and get them covered by Medicare.

Telehealth applications represent more than a quick fix to avoid a particularly nasty virus. They are the newest way that technology and medicine are merging and they can have long-lasting impacts in the way Americans seek out medical care.

From increasing access to medical experts around the globe to keeping students engaged during times of illness through distance learning, broadband technology has the ability to completely alter the way we look at our health. This can only be accomplished, though, if

forward-thinking policymakers look beyond the current short-term crisis to imagine the truly transformational power of telehealth.

You can find Connected Nation's new report on telehealth applications [here](https://connectednation.org/wp-content/uploads/2020/03/CN-TELEHEALTH-2020-022720-FINAL-2.pdf) (<https://connectednation.org/wp-content/uploads/2020/03/CN-TELEHEALTH-2020-022720-FINAL-2.pdf>).

SHARE THIS POST



(mailto:?subject=http://Telehealth%

thought

you

might

enjoy.

this!

Check

it

out

when

you

have

a

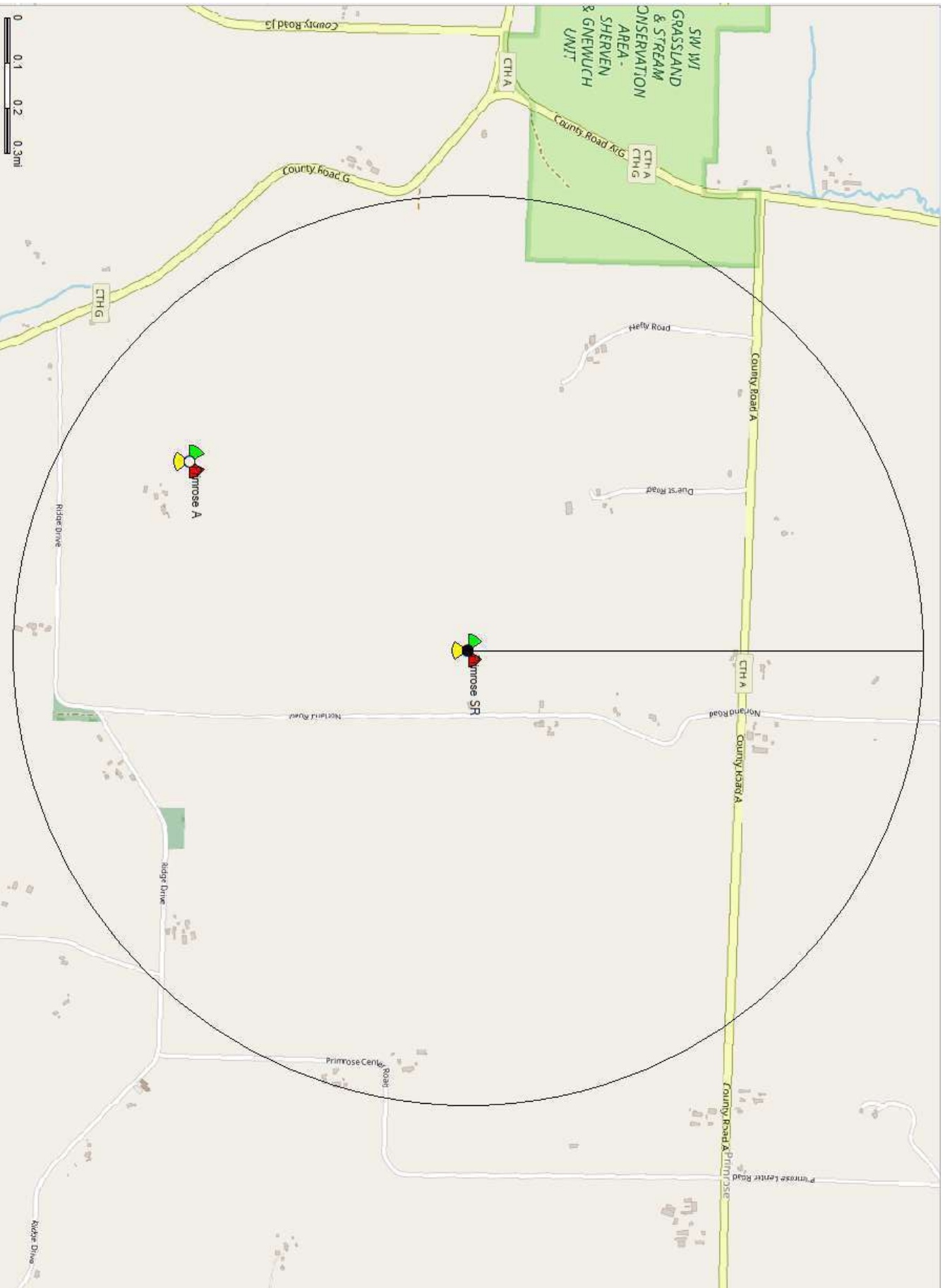
chance:

<https://connectednation.org>

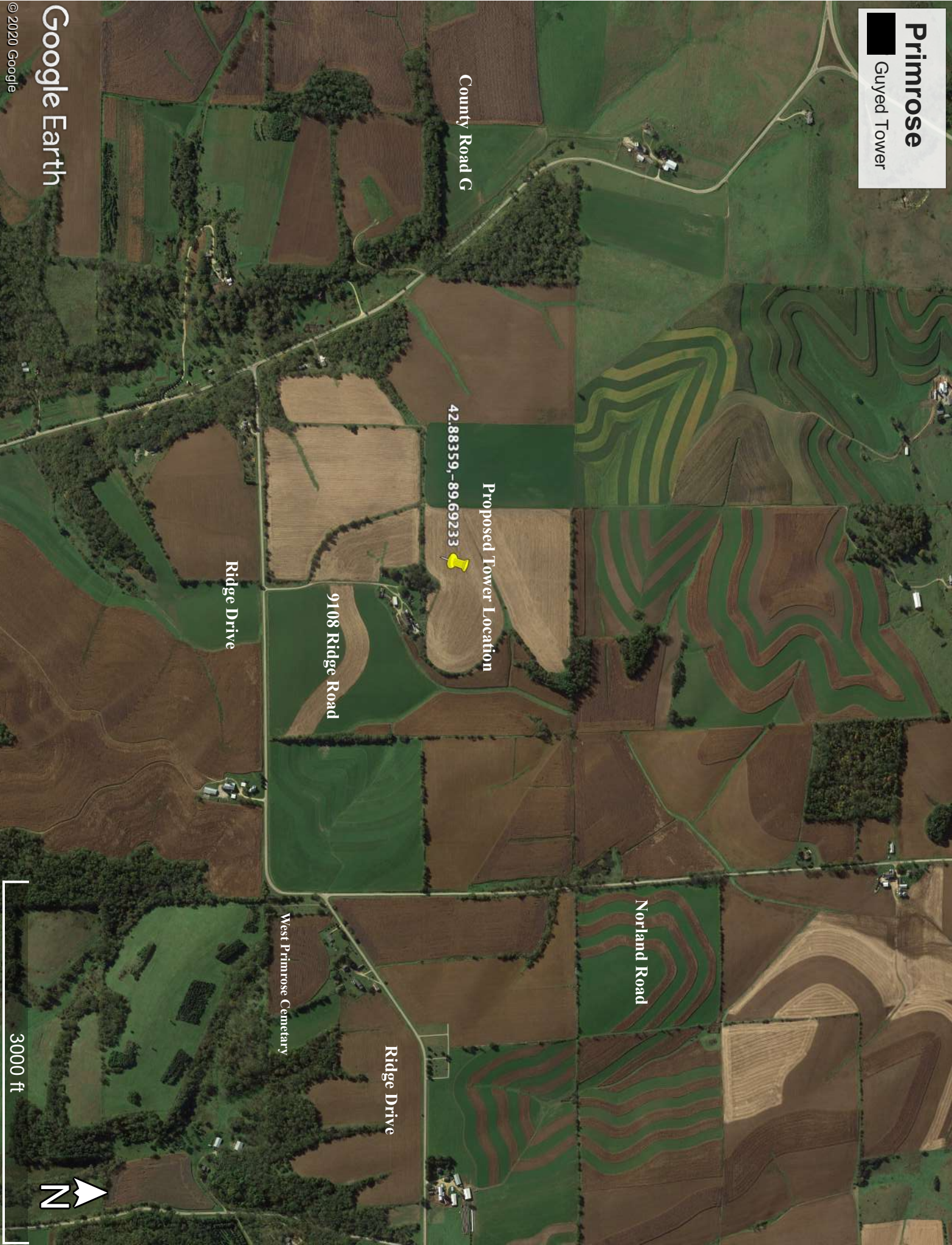
Primrose Search Ring – No towers or structures over 100 ft within one mile of the search ring center.

Search Ring Center Coordinates: 42.8926 -89.6846

Proposed Tower (Primrose A) Coordinates: 42.88359 -89.69233



**Primrose**  
Guyed Tower



County Road G

Proposed Tower Location  
42.88359, -89.69233

Ridge Drive

9108 Ridge Road

Norland Road

West Primrose Cemetary

Ridge Drive

Google Earth

© 2020 Google

3000 ft







### FAA 1-A SURVEY CERTIFICATION

**Applicant:** Cloud I  
130 East Walnut Street  
Green Bay, WI 54305-1060

**Site Name:** Primrose

**Horizontal Datum Source (select all that apply):**

Ground survey     GPS survey     NAD 83     NAD 27

**Vertical Datum Source (select all that apply):**

Ground survey     GPS survey     NAVD 88     NGVD 29

**Structure Type (select one):**

New Tower     Existing Tower     Roof Top     Water Tank     Smokestack  
 Other (describe): \_\_\_\_\_

**Latitude:** 42° 53' 00.96" North NAD 83  
**Longitude:** 89° 41' 33.15" West NAD 83  
**Ground Elevation:** 1126' AMSL

**CERTIFICATION:** I certify that the latitude and the longitude, as detailed above, are accurate to within +/- 20 feet horizontally, and that the site elevation, detailed above, is accurate to within +/-3 feet vertically. The horizontal datum (coordinates) are based on the North American Datum of 1983 (NAD 83) and are expressed in degrees, minutes and seconds to the nearest hundredth of a second. The vertical datum (heights) are based on the North American Vertical Datum of 1988 (NAVD 88) and are determined to the nearest foot.

**Engineer Signature/Seal:** \_\_\_\_\_  
**Printed Name:** Daryl Matzke  
**Professional Engineer #:** E-29911  
**Company:** Ramaker & Associates, Inc.  
**Phone:** 608-643-4100  
**Date:** May 09, 2019



Ramaker Project No.: 42804

# Primrose Proposed Communications Tower

050729289998  
40.20 acres

050729185004  
40.60 acres

X Tower  
Site

050729295001  
10.30 acres

050729190007  
40.40 acres

Old G

Ridge Dr

Norland Rd

# Primrose Tower Site

Setbacks From Lot Lines



42,883,591; -89,692,333

1,137'

138'

215'

1,155'



**EXHIBIT A**

**TO SITE LEASE WITH OPTIONS**

**LEGAL DESCRIPTION OF PROPERTY**

The Northeast  $\frac{1}{4}$  of the Northwest  $\frac{1}{4}$ ; the West  $\frac{1}{2}$  of the Northeast  $\frac{1}{4}$  and the following described parcel of land located in the Southeast  $\frac{1}{4}$  of the Northwest  $\frac{1}{4}$ , being more fully described as follows: Commencing at the Northeast corner of the Southeast  $\frac{1}{4}$  of the Northwest  $\frac{1}{4}$  of Section 29, thence West 39 rods; thence Southeasterly 47 rods; thence Easterly 27 rods; thence North to the place of beginning, 57 rods 11 feet, being 10 acres and 5 rods and being the land described in a certain deed recorded in Vol. 148 of Deeds, page 535, all of the above described lands being located in Section 29, Township 5 North, Range 7 East, in the Town of Primrose, Dane County, Wisconsin.

*For informational purposes only:*

*Property Address: 9108 Ridge Drive, Mount Horeb, WI 53572*

*Tax Key Number: 048-0507-291-8500-4, 048-0507-291-9000-7, 048-0507-292-8000-8 and 048-0507-292-9500-1*

# Primrose – Legal Description of CUP Area

## 100' X 100' LEASE AREA DESCRIPTION

A PORTION OF LAND LOCATED IN THE NORTHEAST QUARTER (NE1/4) OF THE NORTHWEST QUARTER (NW1/4) OF SECTION 29 (SEC 29), TOWNSHIP 5 NORTH (T5N), RANGE 7 EAST (R7E), IN THE TOWN OF PRIMROSE, DANE COUNTY, WISCONSIN, AND BEING FURTHER DESCRIBED AS FOLLOWS:

COMMENCING AT A FOUND IRON PIPE LOCATING THE NORTHWEST CORNER OF SAID SECTION 29; THENCE N0° 04' 08"E, 2289.51 FEET ALONG THE NORTH LINE OF SAID SEC 29; THENCE S0° 00' 00"E, 1127.33 FEET TO THE POINT OF BEGINNING; THENCE N90° 00' 00"E, 100.00 FEET; THENCE S0° 00' 00"E, 100.00 FEET; THENCE N90° 00' 00"W, 100.00 FEET; THENCE N0° 00' 00"E, 100.00 FEET TO THE POINT OF BEGINNING. SAID LEASE AREA CONTAINS 10,000 SQUARE FEET (0.23 ACRES) AND IS SUBJECT TO ANY AND ALL EASEMENTS OR AGREEMENTS, RECORDED OR UNRECORDED.

## 30' WIDE ACCESS & UTILITY EASEMENT #1 CENTERLINE DESCRIPTION

A PORTION OF LAND LOCATED IN THE NE1/4 OF THE NW1/4 OF SEC 29, T5N, R7E, IN THE TOWN OF PRIMROSE, DANE COUNTY, WISCONSIN, AND BEING FURTHER DESCRIBED AS FOLLOWS:

COMMENCING AT A FOUND IRON PIPE LOCATING THE NORTHWEST CORNER OF SAID SECTION 29; THENCE N0° 04' 08"E, 2289.51 FEET ALONG THE NORTH LINE OF SAID SEC 29; THENCE S0° 00' 00"E, 1127.33 FEET TO THE NORTHWEST CORNER OF THE AFOREMENTIONED LEASE AREA; THENCE N90° 00' 00"E, 100.00 FEET TO THE NORTHEAST CORNER OF THE AFOREMENTIONED LEASE AREA; THENCE S0° 00' 00"E, 50.00 FEET ALONG THE EAST LINE OF THE AFOREMENTIONED LEASE AREA TO THE POINT OF BEGINNING; THENCE N90° 00' 00"E, 248.09 FEET, MORE OR LESS, TO A POINT ON THE EAST LINE OF THE NE1/4 OF THE NW1/4 OF SAID SEC 29 AND THE POINT OF TERMINATION. SAID ACCESS & UTILITY EASEMENT #1 CENTERLINE CONTAINS 248.09 LINEAR FEET, MORE OR LESS, AND IS SUBJECT TO ANY AND ALL EASEMENTS OR AGREEMENTS, RECORDED OR UNRECORDED. SIDELINES OF SAID EASEMENT SHALL BE LENGTHENED OR SHORTENED TO TERMINATE AT THE EAST LINE OF THE NE1/4 OF THE NW1/4 OF SAID SEC 29.

## 30' WIDE ACCESS & UTILITY EASEMENT #2 CENTERLINE DESCRIPTION

A PORTION OF LAND LOCATED IN THE NW1/4 OF THE NE1/4 OF SEC 29, T5N, R7E, IN THE TOWN OF PRIMROSE, DANE COUNTY, WISCONSIN, AND BEING FURTHER DESCRIBED AS FOLLOWS:

COMMENCING AT A FOUND IRON PIPE LOCATING THE NORTHWEST CORNER OF SAID SECTION 29; THENCE N0° 04' 08"E, 2289.51 FEET ALONG THE NORTH LINE OF SAID SEC 29; THENCE S0° 00' 00"E, 1127.33 FEET TO THE NORTHWEST CORNER OF THE AFOREMENTIONED LEASE AREA; THENCE N90° 00' 00"E, 100.00 FEET TO THE NORTHEAST CORNER OF THE AFOREMENTIONED LEASE AREA; THENCE S0° 00' 00"E, 50.00 FEET ALONG THE EAST LINE OF THE AFOREMENTIONED LEASE AREA; THENCE N90° 00' 00"E, 248.09 FEET, MORE OR LESS, TO A POINT ON THE EAST LINE OF THE NE1/4 OF THE NW1/4 OF SAID SEC 29 AND THE POINT OF BEGINNING; THENCE S66° 36' 43"E, 347.84 FEET; THENCE S0° 55' 00"E, 37.10 FEET, MORE OR LESS, TO A POINT ON THE SOUTH LINE OF THE NW1/4 OF THE NE1/4 OF SAID SEC 29 AND THE POINT OF TERMINATION. SAID ACCESS & UTILITY EASEMENT #2 CENTERLINE CONTAINS 384.94 LINEAR FEET, MORE OR LESS, AND IS SUBJECT TO ANY AND ALL EASEMENTS OR AGREEMENTS, RECORDED OR UNRECORDED. SIDELINES OF SAID EASEMENT SHALL BE LENGTHENED OR SHORTENED TO BEGIN AT THE EAST LINE OF THE NE1/4 OF THE NW1/4 OF SAID SEC 29 AND TO TERMINATE AT THE SOUTH LINE OF THE NW1/4 OF THE NE1/4 OF SAID SEC 29.

## 30' WIDE ACCESS & UTILITY EASEMENT #3 CENTERLINE DESCRIPTION

A PORTION OF LAND LOCATED IN THE SW1/4 OF THE NE1/4 OF SEC 29, T5N, R7E, IN THE TOWN OF PRIMROSE, DANE COUNTY, WISCONSIN, AND BEING FURTHER DESCRIBED AS FOLLOWS:

COMMENCING AT A FOUND IRON PIPE LOCATING THE NORTHWEST CORNER OF SAID SECTION 29; THENCE N0° 04' 08"E, 2289.51 FEET ALONG THE NORTH LINE OF SAID SEC 29; THENCE S0° 00' 00"E,

1127.33 FEET TO THE NORTHWEST CORNER OF THE AFOREMENTIONED LEASE AREA; THENCE N90° 00' 00"E, 100.00 FEET TO THE NORTHEAST CORNER OF THE AFOREMENTIONED LEASE AREA; THENCE S0° 00' 00"E, 50.00 FEET ALONG THE EAST LINE OF THE AFOREMENTIONED LEASE AREA; THENCE N90° 00' 00"E, 248.09 FEET, MORE OR LESS, TO A POINT ON THE EAST LINE OF THE NE1/4 OF THE NW1/4 OF SAID SEC 29; THENCE S66° 36' 43"E, 347.84 FEET; THENCE S0° 55' 00"E, 37.10 FEET, MORE OR LESS, TO A POINT ON THE SOUTH LINE OF THE NW1/4 OF THE NE1/4 OF SAID SEC 29 AND THE POINT OF BEGINNING; THENCE S5° 57' 34"W, 33.35 FEET; THENCE S51° 40' 53"W, 268.52 FEET; THENCE S36° 09' 16"W, 113.37 FEET TO A POINT ON THE NORTH RIGHT-OF-WAY LINE OF AN UNNAMED PUBLIC ROAD AND THE POINT OF TERMINATION. SAID ACCESS & UTILITY EASEMENT #3 CENTERLINE CONTAINS 415.24 LINEAR FEET, MORE OR LESS, AND IS SUBJECT TO ANY AND ALL EASEMENTS OR AGREEMENTS, RECORDED OR UNRECORDED. SIDELINES OF SAID EASEMENT SHALL BE LENGTHENED OR SHORTENED TO BEGIN AT THE SOUTH LINE OF THE NW1/4 OF THE NE1/4 OF SAID SEC 29 AND TO TERMINATE AT THE NORTH RIGHT-OF-WAY LINE OF AN UNNAMED PUBLIC ROAD.

#### 30' WIDE ACCESS & GUY EASEMENT #1 CENTERLINE DESCRIPTION

A PORTION OF LAND LOCATED IN THE NE1/4 OF THE NW1/4 OF SEC 29, T5N, R7E, IN THE TOWN OF PRIMROSE, DANE COUNTY, WISCONSIN, AND BEING FURTHER DESCRIBED AS FOLLOWS:

COMMENCING AT A FOUND IRON PIPE LOCATING THE NORTHWEST CORNER OF SAID SECTION 29; THENCE N0° 04' 08"E, 2289.51 FEET ALONG THE NORTH LINE OF SAID SEC 29; THENCE S0° 00' 00"E, 1127.33 FEET TO THE NORTHWEST CORNER OF THE AFOREMENTIONED LEASE AREA; THENCE N90° 00' 00"E, 50.00 FEET ALONG THE NORTH LINE OF THE AFOREMENTIONED LEASE AREA TO THE POINT OF BEGINNING; THENCE N0° 00' 00"E, 210.00 FEET TO THE POINT OF TERMINATION. SAID ACCESS & GUY EASEMENT #1 CENTERLINE CONTAINS 210.00 LINEAR FEET AND IS SUBJECT TO ANY AND ALL EASEMENTS OR AGREEMENTS, RECORDED OR UNRECORDED.

#### 30' WIDE ACCESS & GUY EASEMENT #2 CENTERLINE DESCRIPTION

A PORTION OF LAND LOCATED IN THE NE1/4 OF THE NW1/4 OF SEC 29, T5N, R7E, IN THE TOWN OF PRIMROSE, DANE COUNTY, WISCONSIN, AND BEING FURTHER DESCRIBED AS FOLLOWS:

COMMENCING AT A FOUND IRON PIPE LOCATING THE NORTHWEST CORNER OF SAID SECTION 29; THENCE N0° 04' 08"E, 2289.51 FEET ALONG THE NORTH LINE OF SAID SEC 29; THENCE S0° 00' 00"E, 1127.33 FEET TO THE NORTHWEST CORNER OF THE AFOREMENTIONED LEASE AREA; THENCE N90° 00' 00"E, 100.00 FEET TO THE NORTHEAST CORNER OF THE AFOREMENTIONED LEASE AREA; THENCE S0° 00' 00"E, 78.87 FEET ALONG THE EAST LINE OF THE AFOREMENTIONED LEASE AREA TO THE POINT OF BEGINNING; THENCE S60° 00' 00"E, 202.26 FEET TO THE POINT OF TERMINATION. SAID ACCESS & GUY EASEMENT #2 CENTERLINE CONTAINS 202.26 LINEAR FEET AND IS SUBJECT TO ANY AND ALL EASEMENTS OR AGREEMENTS, RECORDED OR UNRECORDED. SIDELINES OF SAID EASEMENT SHALL BE LENGTHENED OR SHORTENED TO BEGIN AT THE EAST LINE OF THE AFOREMENTIONED LEASE AREA.

#### 30' WIDE ACCESS & GUY EASEMENT #3 CENTERLINE DESCRIPTION

A PORTION OF LAND LOCATED IN THE NE1/4 OF THE NW1/4 OF SEC 29, T5N, R7E, IN THE TOWN OF PRIMROSE, DANE COUNTY, WISCONSIN, AND BEING FURTHER DESCRIBED AS FOLLOWS:

COMMENCING AT A FOUND IRON PIPE LOCATING THE NORTHWEST CORNER OF SAID SECTION 29; THENCE N0° 04' 08"E, 2289.51 FEET ALONG THE NORTH LINE OF SAID SEC 29; THENCE S0° 00' 00"E, 1127.33 FEET TO THE NORTHWEST CORNER OF THE AFOREMENTIONED LEASE AREA; THENCE CONTINUING S0° 00' 00"E, 78.87 FEET ALONG THE WEST LINE OF THE AFOREMENTIONED LEASE AREA TO THE POINT OF BEGINNING; THENCE S60° 00' 00"W, 202.26 FEET TO THE POINT OF TERMINATION. SAID ACCESS & GUY EASEMENT #3 CENTERLINE CONTAINS 202.26 LINEAR FEET AND IS SUBJECT TO ANY AND ALL EASEMENTS OR AGREEMENTS, RECORDED OR UNRECORDED. SIDELINES OF SAID EASEMENT SHALL BE LENGTHENED OR SHORTENED TO BEGIN AT THE WEST LINE OF THE AFOREMENTIONED LEASE AREA.



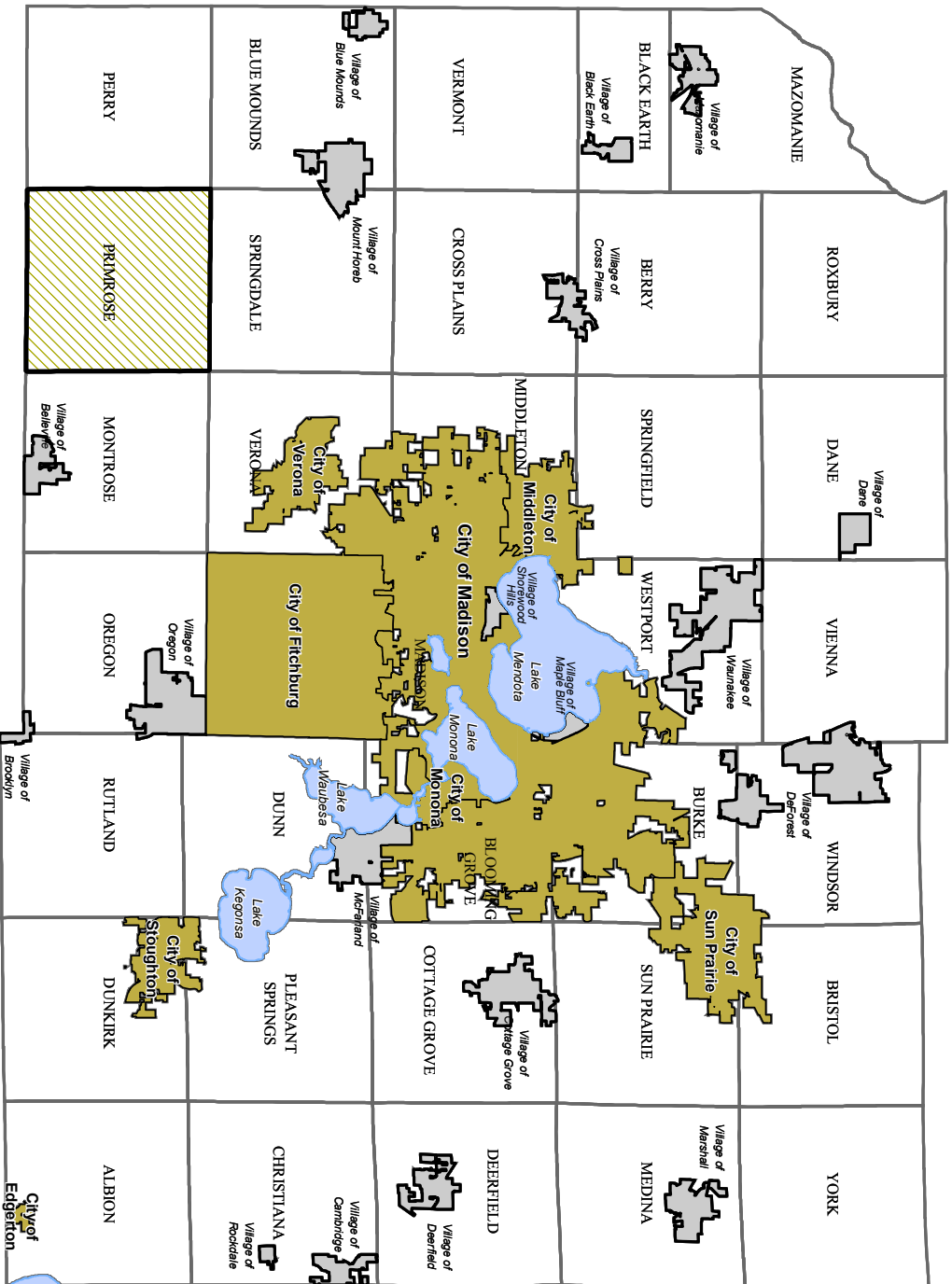






# Location

MAP 1-1

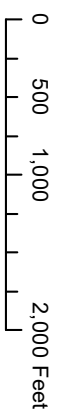


# Dane County Map



September 4, 2019

- |                           |                    |                       |   |
|---------------------------|--------------------|-----------------------|---|
| <b>Private Road Names</b> | Local Road         | Unnamed Private Roads | <b>Rivers and Streams</b>                       |
| <b>Road Centerlines</b>   | Restricted Access  | <b>Municipalities</b> | Perennial Stream: Hidden Perennial Stream       |
| Interstate Highway        | Ramp               | City                  | Intermittent Stream: Hidden Intermittent Stream |
| US Highway                | Named Private Road | Village               | Constructed Drainage                            |
| State Highway             | Platted Roads      | Town                  | <b>Lakes and Ponds</b>                          |
| County Highway            | Alleys             | Parcels               | Lakes and Ponds                                 |





LICENSE OR PERMIT BOND

Bond 354224247

LICENSE OR PERMIT BOND

KNOW ALL BY THESE PRESENTS, That we, CLOUD 1, LLC
417 Pine Street, Green Bay, WI 54301
as Principal, and the Liberty Mutual Insurance Company, a MA corporation,
as Surety, are held and firmly bound unto DANE COUNTY, WI, as Obligee,
in the sum of Twenty Thousand and 00/100 Dollars (\$20,000.00)

for which sum, well and truly to be paid, we bind ourselves, our heirs, executors, administrators, successors and assigns, jointly and severally, firmly by these presents.

Signed and sealed this 4th day of October, 2019

THE CONDITION OF THIS OBLIGATION IS SUCH, That WHEREAS, the Principal has been or is about to be granted a license or permit to ~~do business on~~ remove the tower at the Primrose Site - Tax Parcel No. 048-0507-291-8500-4, 048-0507-291-9000-7, 048-0507-292-8000-8 and 048-0507-292-9500-1 by the Obligee.

NOW, Therefore, if the Principal well and truly comply with applicable local ordinances, and conduct business in conformity therewith, then this obligation to be void; otherwise to remain in full force and effect.

PROVIDED, HOWEVER; 1. This bond shall continue in force:

- Until, or until the date of expiration of any Continuation Certificate executed by the Surety
OR
[X] Until canceled as herein provided.

2 This bond may be canceled by the Surety by the sending of notice in writing to the Obligee, stating when, not less than thirty days thereafter, liability hereunder shall terminate as to subsequent acts or omissions of the Principal.

CLOUD 1, LLC Principal

By [Signature] Liberty Mutual Insurance Company



By Roxanne Jensen Attorney-in-Fact



This Power of Attorney limits the acts of those named herein, and they have no authority to bind the Company except in the manner and to the extent herein stated.

Liberty Mutual Insurance Company
The Ohio Casualty Insurance Company
West American Insurance Company

Certificate No: 8201176-354019

POWER OF ATTORNEY

KNOWN ALL PERSONS BY THESE PRESENTS: That The Ohio Casualty Insurance Company is a corporation duly organized under the laws of the State of New Hampshire, that Liberty Mutual Insurance Company is a corporation duly organized under the laws of the State of Massachusetts, and West American Insurance Company is a corporation duly organized under the laws of the State of Indiana (herein collectively called the "Companies"), pursuant to and by authority herein set forth, does hereby name, constitute and appoint, Kelly Cody, Christopher Hovden, Roxanne Jensen, Brian L. Krause, Trudy A. Szalowski

all of the city of Green Bay state of Wisconsin each individually if there be more than one named, its true and lawful attorney-in-fact to make, execute, seal, acknowledge and deliver, for and on its behalf as surety and as its act and deed, any and all undertakings, bonds, recognizances and other surety obligations, in pursuance of these presents and shall be as binding upon the Companies as if they have been duly signed by the president and attested by the secretary of the Companies in their own proper persons.

IN WITNESS WHEREOF, this Power of Attorney has been subscribed by an authorized officer or official of the Companies and the corporate seals of the Companies have been affixed thereto this 1st day of May, 2019.



Liberty Mutual Insurance Company
The Ohio Casualty Insurance Company
West American Insurance Company

By: David M. Carey, Assistant Secretary

Not valid for mortgage, note, loan, letter of credit, currency rate, interest rate or residual value guarantees.

To confirm the validity of this Power of Attorney call 1-610-832-8240 between 9:00 am and 4:30 pm EST on any business day.

State of PENNSYLVANIA
County of MONTGOMERY ss

On this 1st day of May, 2019 before me personally appeared David M. Carey, who acknowledged himself to be the Assistant Secretary of Liberty Mutual Insurance Company, The Ohio Casualty Company, and West American Insurance Company, and that he, as such, being authorized so to do, execute the foregoing instrument for the purposes therein contained by signing on behalf of the corporations by himself as a duly authorized officer.

IN WITNESS WHEREOF, I have hereunto subscribed my name and affixed my notarial seal at King of Prussia, Pennsylvania, on the day and year first above written.



COMMONWEALTH OF PENNSYLVANIA
Notarial Seal
Teresa Pastella, Notary Public
Upper Merion Twp., Montgomery County
My Commission Expires March 28, 2021
Member, Pennsylvania Association of Notaries

By: Teresa Pastella, Notary Public

This Power of Attorney is made and executed pursuant to and by authority of the following By-laws and Authorizations of The Ohio Casualty Insurance Company, Liberty Mutual Insurance Company, and West American Insurance Company which resolutions are now in full force and effect reading as follows:

ARTICLE IV - OFFICERS: Section 12. Power of Attorney.

Any officer or other official of the Corporation authorized for that purpose in writing by the Chairman or the President, and subject to such limitation as the Chairman or the President may prescribe, shall appoint such attorneys-in-fact, as may be necessary to act in behalf of the Corporation to make, execute, seal, acknowledge and deliver as surety any and all undertakings, bonds, recognizances and other surety obligations. Such attorneys-in-fact, subject to the limitations set forth in their respective powers of attorney, shall have full power to bind the Corporation by their signature and execution of any such instruments and to attach thereto the seal of the Corporation. When so executed, such instruments shall be as binding as if signed by the President and attested to by the Secretary. Any power or authority granted to any representative or attorney-in-fact under the provisions of this article may be revoked at any time by the Board, the Chairman, the President or by the officer or officers granting such power or authority.

ARTICLE XIII - Execution of Contracts: Section 5. Surety Bonds and Undertakings.

Any officer of the Company authorized for that purpose in writing by the chairman or the president, and subject to such limitations as the chairman or the president may prescribe, shall appoint such attorneys-in-fact, as may be necessary to act in behalf of the Company to make, execute, seal, acknowledge and deliver as surety any and all undertakings, bonds, recognizances and other surety obligations. Such attorneys-in-fact subject to the limitations set forth in their respective powers of attorney, shall have full power to bind the Company by their signature and execution of any such instruments and to attach thereto the seal of the Company. When so executed such instruments shall be as binding as if signed by the president and attested by the secretary.

Certificate of Designation - The President of the Company, acting pursuant to the Bylaws of the Company, authorizes David M. Carey, Assistant Secretary to appoint such attorneys-in-fact as may be necessary to act on behalf of the Company to make, execute, seal, acknowledge and deliver as surety any and all undertakings, bonds, recognizances and other surety obligations.

Authorization - By unanimous consent of the Company's Board of Directors, the Company consents that facsimile or mechanically reproduced signature of any assistant secretary of the Company, wherever appearing upon a certified copy of any power of attorney issued by the Company in connection with surety bonds, shall be valid and binding upon the Company with the same force and effect as though manually affixed.

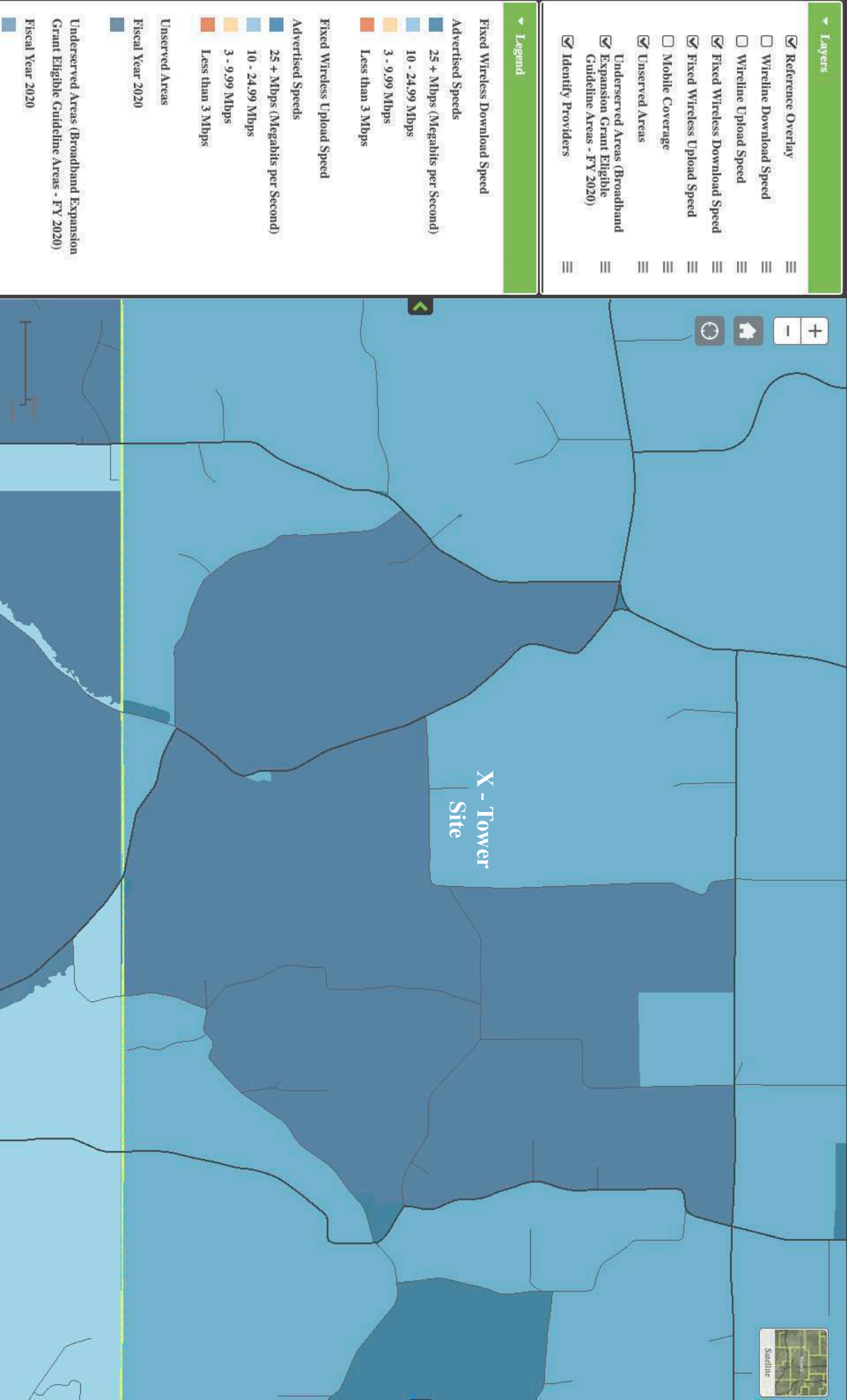
I, Renee C. Llewellyn, the undersigned, Assistant Secretary, The Ohio Casualty Insurance Company, Liberty Mutual Insurance Company, and West American Insurance Company do hereby certify that the original power of attorney of which the foregoing is a full, true and correct copy of the Power of Attorney executed by said Companies, is in full force and effect and has not been revoked.

IN TESTIMONY WHEREOF, I have hereunto set my hand and affixed the seals of said Companies this 4th day of Oct., 2019.

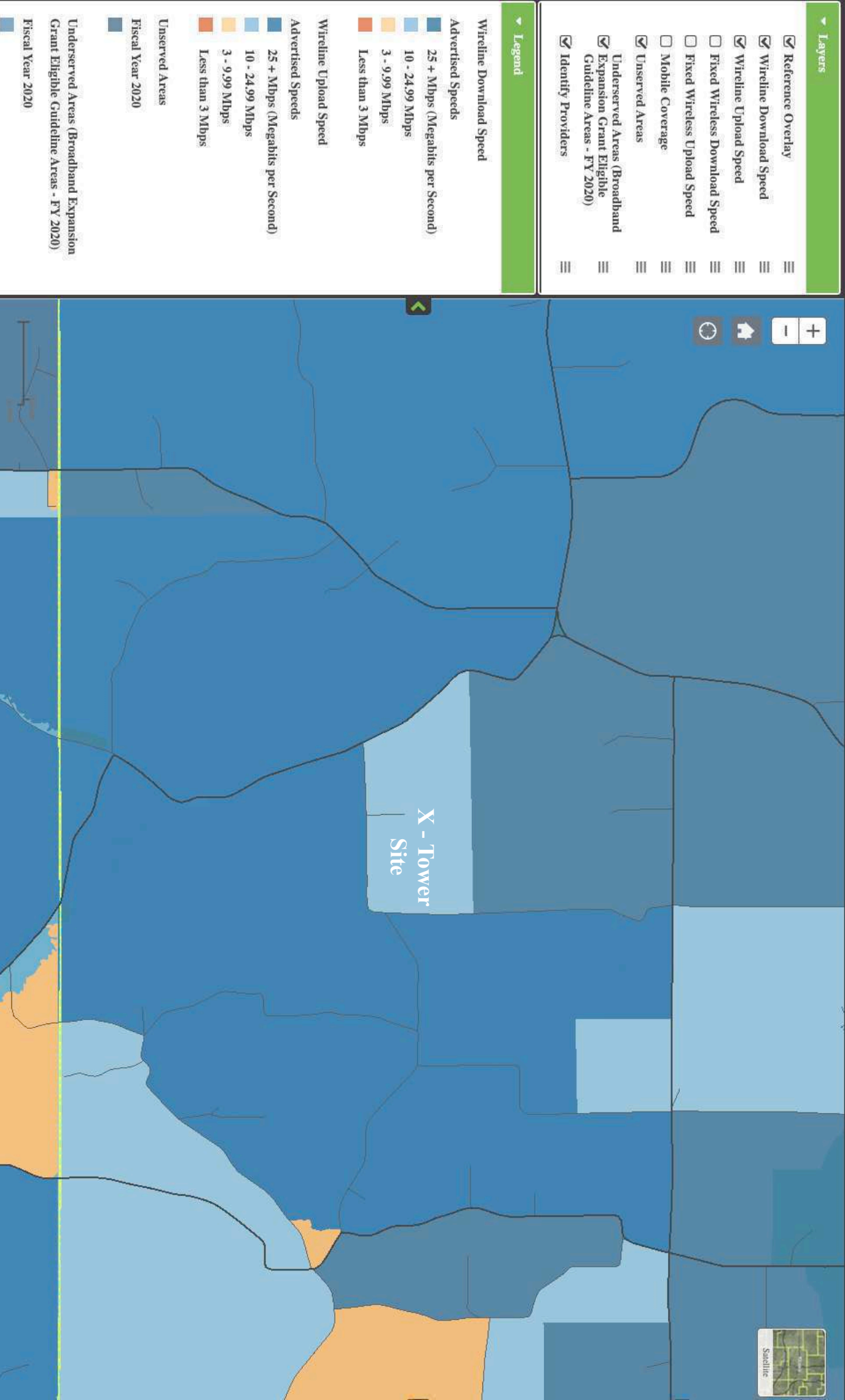


By: Renee C. Llewellyn, Assistant Secretary

# Wisconsin PSC Broadband Office - Fixed Wireless Broadband Service



# Wisconsin PSC Broadband Office - Wireline Broadband Service



**AFFIDAVIT OF ADAM CRAIG**

STATE OF WISCONSIN    )  
  ) ss.  
COUNTY OF BROWN     )

I, the undersigned, being duly sworn, state as follows:

1. I am an adult resident of the State of Wisconsin and a radio-frequency engineer employed by Bug Tussel Wireless, LLC and Cloud 1, LLC.
2. I make this affidavit in support of Cloud 1, LLC's application to the Town of Primrose and Dane County to construct a new communications tower located at: Tax Key Number: 0507-292-8000-8, 0507-291-9000-7, and 0507-291-8500-4 (Owned by: Jeffrey and Beverly Webber, 9108 Ridge Road, Mt. Horeb, WI 53572)
3. Bug Tussel Wireless, LLC is a duly licensed mobile service provider and shall be the anchor tenant on the Cloud 1, LLC tower proposed property.
4. One of my job responsibilities is to design and direct the placement of the Bug Tussel Wireless antenna facilities throughout its entire service network.
5. I have performed a review of the existing tower structures within one and one half (1.5) miles of the proposed tower location and I have found that there are no collocation prospects for Bug Tussel Wireless, LLC. The attached RF analysis supports my findings.
6. The proposed site will have Bug Tussel Wireless fixed internet services.
7. As part of this affidavit, I will include an RF Analysis which shows the following about the Bug Tussel Wireless fixed wireless internet service using Cambium equipment:
  - a) A propagation model of our existing network of towers including Bug Tussel Wireless Cambium service at 5.2 GHz without the proposed Primrose tower included.
  - b) A propagation model of the same Bug Tussel Wireless Cambium towers with the proposed Primrose tower broadcasting 3.65 GHz at the 189 ft RAD center needed for proper coverage.
    - i. We place Bug Tussel Wireless services at 6 ft below the top of the tower at the top RAD center position, to allow it the maximum visibility possible as it is a line of sight product. That makes a 195 ft tower have a Bug Tussel Wireless antenna height of 189 ft.
  - c) A propagation model of the proposed Primrose tower broadcasting 3.65 GHz at the 189 ft RAD center alone, and another showing this in more detail.



*Adam G.*

(Signature)

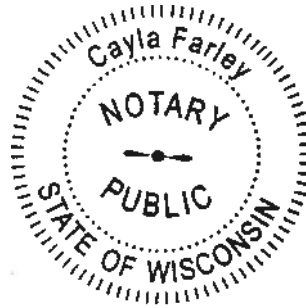
Adam Craig

*10-13-20*

(Date)

Subscribed and sworn to before me  
this *13* day of *October*, 2020.

*Cayla Farley* Notary Public  
*Blount* County, Wisconsin  
My Commission Expires *December 4, 2023*

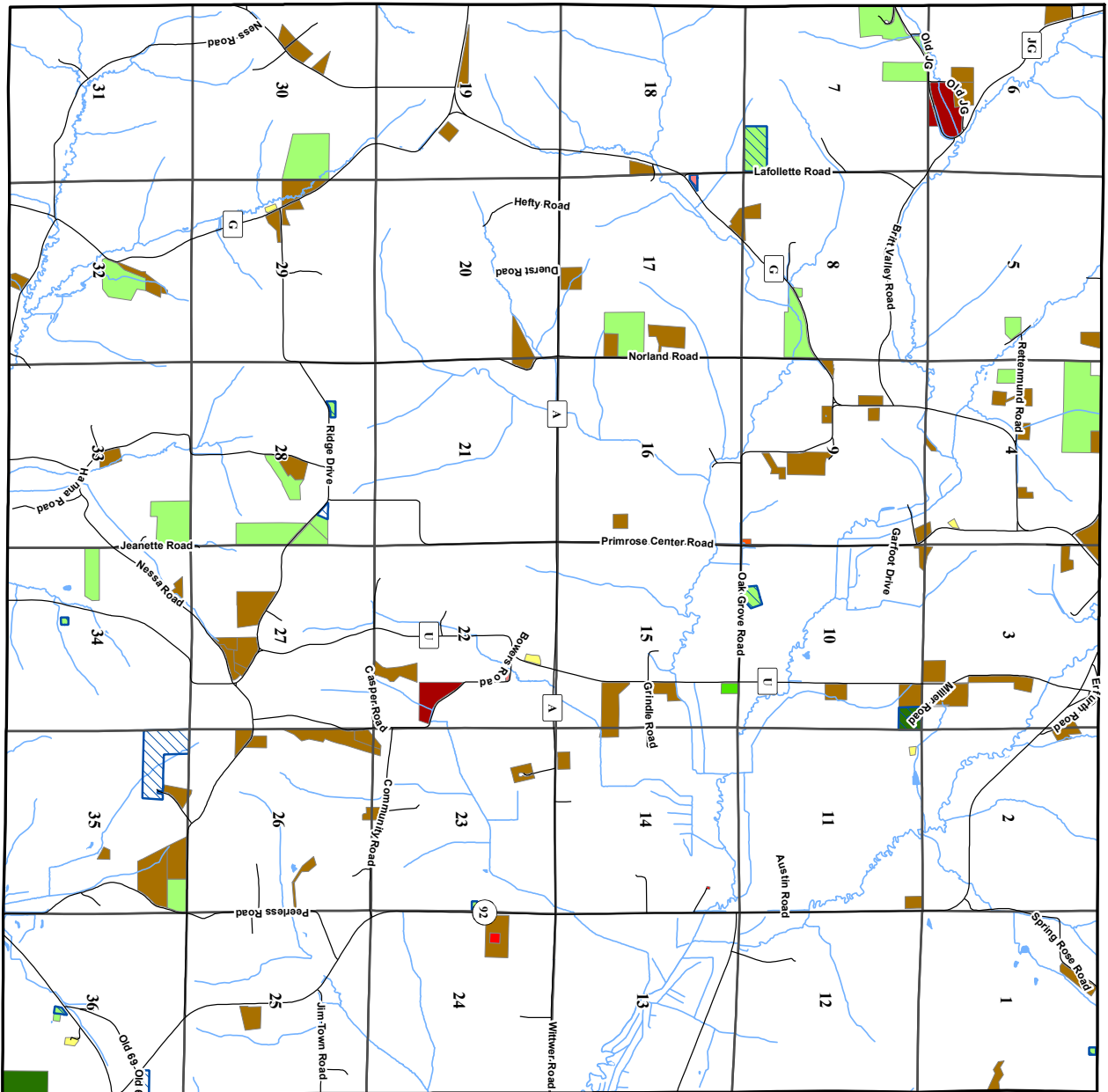






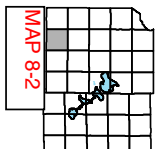






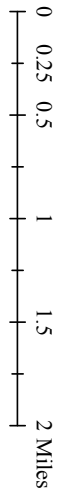
# Town of Primrose

## Zoning



**DRAFT**

- Zoning District**
- A-1 or A-LEX Agricultural
  - A-2, A-2(1), A-2(2), A-2(4), A-2(8), A-3 Agricultural
  - A-B Agricultural Business
  - B-1 Local Business
  - C-1 Light Commercial
  - C-2 Heavy Commercial
  - CO-1 Conservancy
  - EXP-1 Expo
  - LC-1 Limited Commercial
  - M-1 Industrial
  - R-1, R-1A, R-2, R-3
  - R-3A, R-4
  - RE-1 Recreational
  - RH-1, RH-2, RH-3, RH-4
  - Wetland (zoned out of)
  - Effective Conditional Use Permits



Source Info:  
Zoning: 06/2008 (DCPD)

This map was prepared through the Dane County Department of Planning and Development in conjunction with the Dane County Land & Water Resources Department, Dane County Land Information Office and the Dane County Community Analysis & Planning Division.

Nov., 2008

# Confirmation of contact with Town of Primrose

Gary Henshue

Tuesday, September 1, 2020 at 15:33:44 Central Daylight Time

---

**Subject:** Town of Primrose Proposed Communications Tower  
**Date:** Tuesday, September 1, 2020 at 3:30:58 PM Central Daylight Time  
**From:** Gary Henshue <Gary.Henshue@bugtusselwireless.com>  
**To:** clerk@townofprimrose.com <clerk@townofprimrose.com>  
**Attachments:** Primrose Tower Drawings.pdf ✓

Ruth,

I just left you a voice message. I work for Bug Tussel Wireless (BTW) in Green Bay, WI. BTW is proposing a new communications tower in the Town of Primrose. Attached is the site drawings for this proposed tower site. The proposed tower site is located at 9108 Ridge Road, Mt. Horeb, WI. I plan on filing this week a CUP application with Dane County zoning. If this tower is approved by Dane County zoning, BTW plans on offering rural broadband service (wireless internet) to residents in the Town of Primrose area. Let me know if you would like me to make a presentation to the Town of Primrose Town Board regarding this tower.

Thanks,  
Gary Henshue  
Bug Tussel Wireless  
608-335-0151



SHEET TITLE:  
**PHOTO RENDERING/SIMULATION LOCATION MAP**

PROJECT TITLE:  
**PRIMROSE**

PROJECT NUMBER:  
**42804**

PROJECT LOCATION:  
**RIDGE ROAD, MT. HOREB, WI 53572 (DANE COUNTY)**



130 EAST WALNUT ST.  
 GREEN BAY, WI 54305-1060  
 PH.: (920) 940-0147



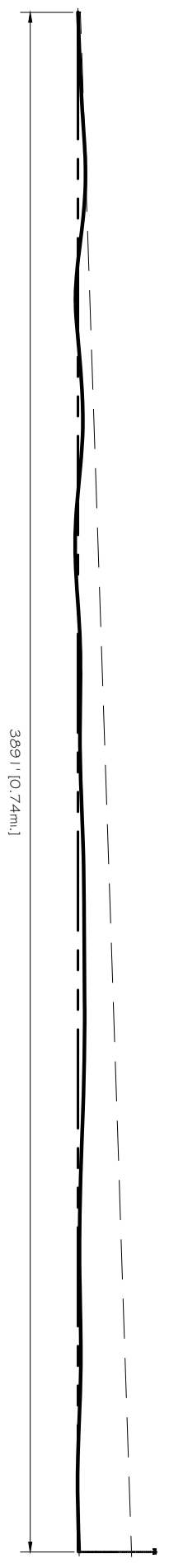
**RAMAKER**  
 employee-owned  
 (608) 643-4100 www.ramaker.com



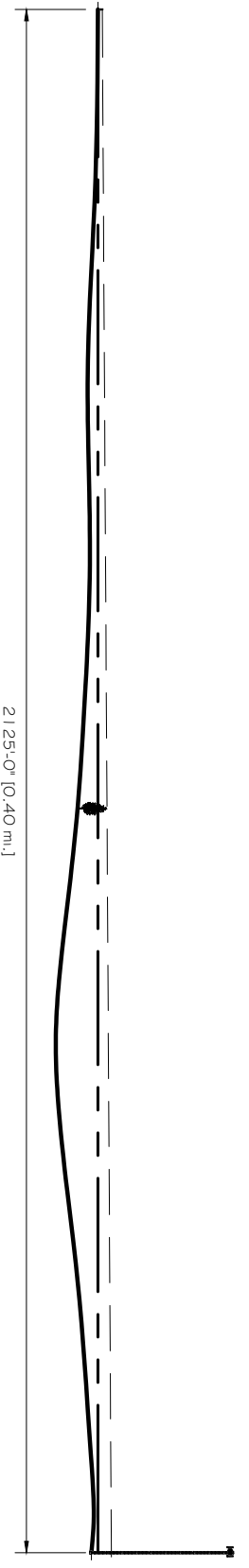


**NOTE:**

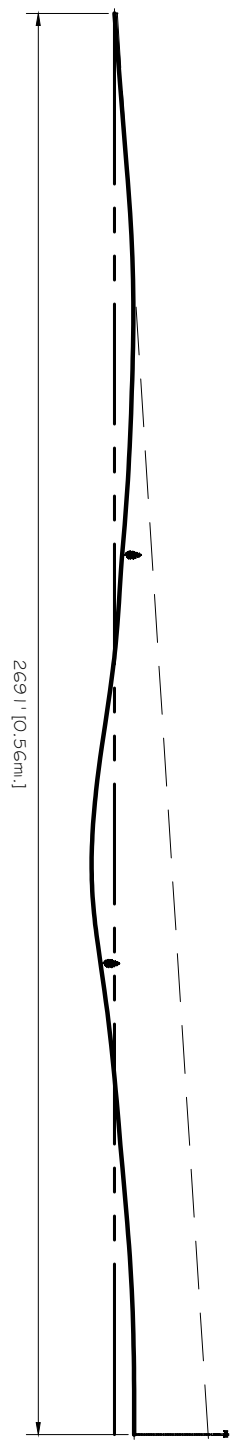
1. ALL TREES ARE SHOWN WITH A HEIGHT OF 40'
2. STARTING VIEW POINT IS FROM 6' ELEVATION



LOOKING  
SOUTHEAST



LOOKING  
NORTHWEST



LOOKING  
WEST

**SHEET TITLE:**  
PHOTO RENDERING/SIMULATION LOCATION MAP

**PROJECT TITLE:**  
PRIMROSE

**PROJECT NUMBER:**  
42804

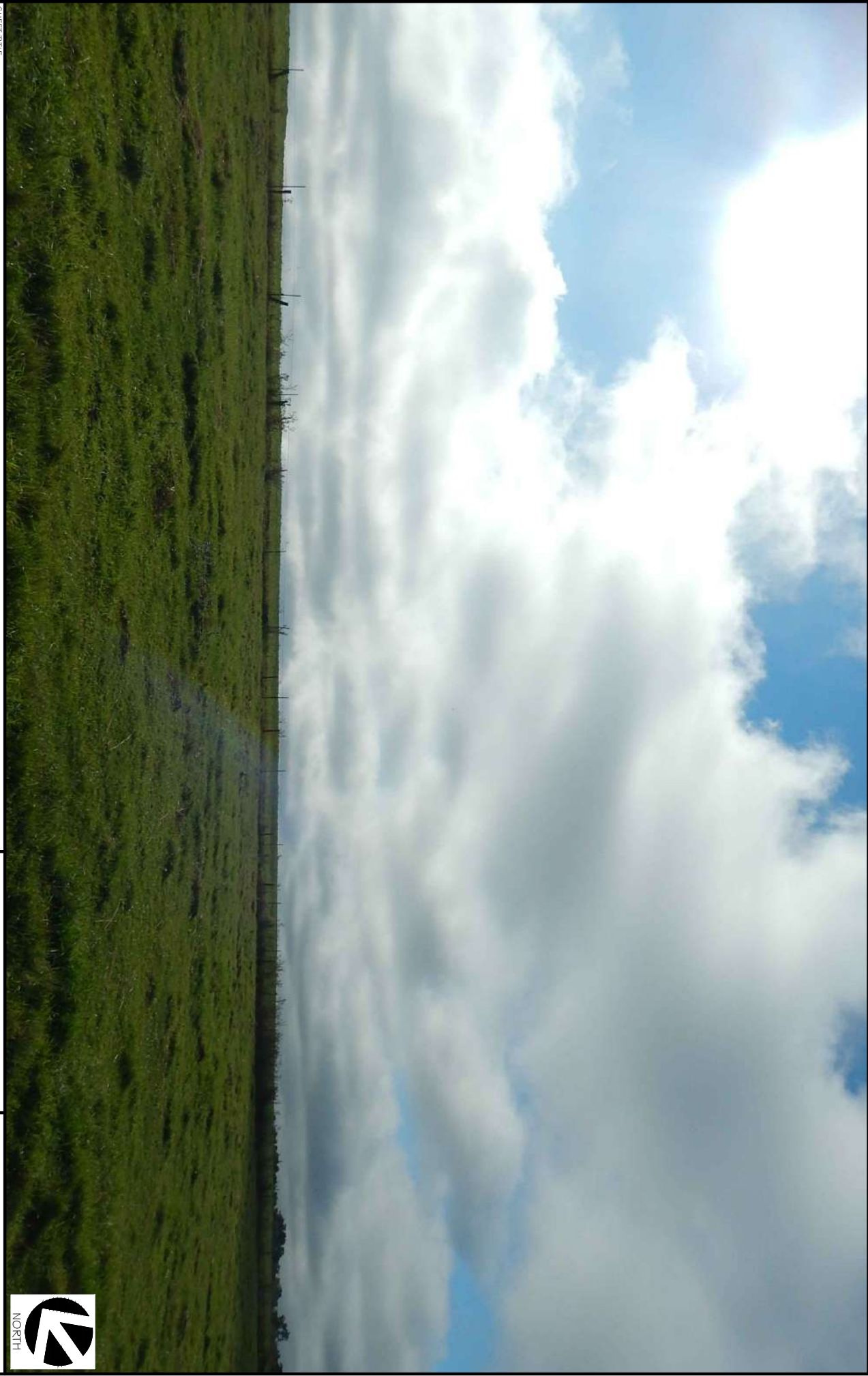
**PROJECT LOCATION:**  
RIDGE ROAD, MT. HOREB, WI 53572 (DANE COUNTY)



130 EAST WALNUT ST.  
GREEN BAY, WI 54305-1060  
PH: (920) 940-0147



**RAMAKER**  
employee-owned  
(608) 643-4100 www.ramaker.com



SHEET TITLE:  
 BEFORE PHOTO RENDERING/SIMULATION - LOOKING SOUTHEAST

PROJECT TITLE:  
 PRIMROSE

PROJECT NUMBER:  
 42804

PROJECT LOCATION:  
 RIDGE ROAD, MT. HOREB, WI 53572 (DANE COUNTY)

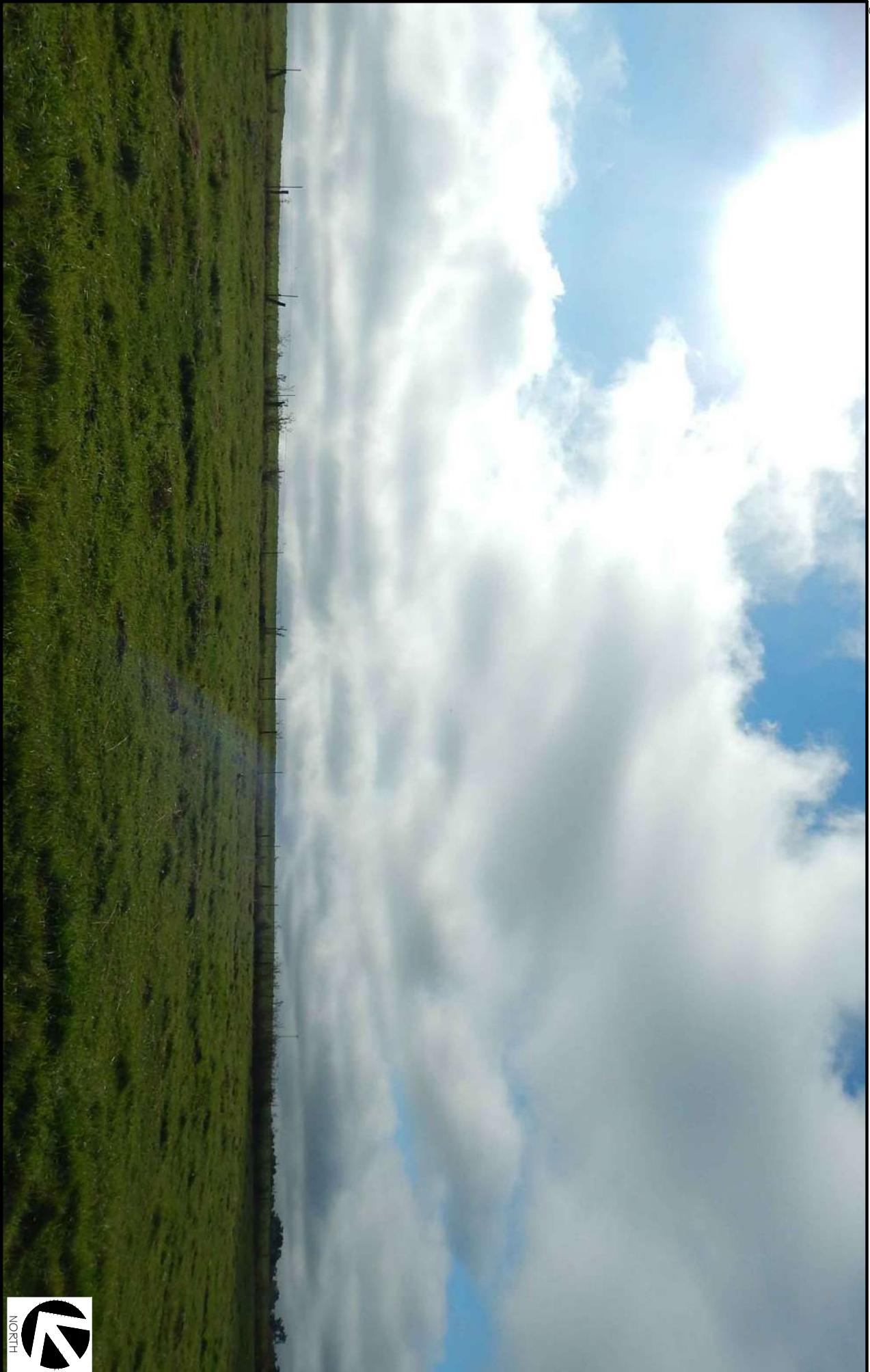


130 EAST WALNUT ST.  
 GREEN BAY, WI 54305-1060  
 PH.: (920) 940-0147



**RAMAKER**  
 employee-owned  
 (608) 643-4100 www.ramaker.com





SHEET TITLE:  
**AFTER PHOTO RENDERING/SIMULATION - LOOKING SOUTHEAST**

PROJECT TITLE:  
 PRIMROSE

PROJECT NUMBER:  
 42804

PROJECT LOCATION:  
 RIDGE ROAD, MT. HOREB, WI 53572 (DANE COUNTY)



130 EAST WALNUT ST.  
 GREEN BAY, WI 54305-1060  
 PH.: (920) 940-0147



**RAMAKER**  
 employee-owned  
 (608) 643-4100 [www.ramaker.com](http://www.ramaker.com)





SHEET TITLE:  
 BEFORE PHOTO RENDERING/SIMULATION - LOOKING NORTHWEST

PROJECT TITLE:  
 PRIMROSE

PROJECT NUMBER:  
 42804

PROJECT LOCATION:  
 RIDGE ROAD, MT. HOREB, WI 53572 (DANE COUNTY)



130 EAST WALNUT ST.  
 GREEN BAY, WI 54305-1060  
 PH: (920) 940-0147



**RAMAKER**  
 employee-owned  
 (608) 643-4100 www.ramaker.com





SHEET TITLE:  
**AFTER PHOTO RENDERING/SIMULATION - LOOKING NORTHWEST**

PROJECT TITLE:  
**PRIMROSE**

PROJECT NUMBER:  
**42804**

PROJECT LOCATION:  
**RIDGE ROAD, MT. HOREB, WI 53572 (DANE COUNTY)**



130 EAST WALNUT ST.  
 GREEN BAY, WI 54305-1060  
 PH.: (920) 940-0147



**RAMAKER**  
 employee-owned  
 (608) 643-4100 [www.ramaker.com](http://www.ramaker.com)





SHEET TITLE:  
 BEFORE PHOTO RENDERING/SIMULATION - LOOKING WEST

PROJECT TITLE:  
 PRIMROSE

PROJECT NUMBER:  
 42804

PROJECT LOCATION:  
 RIDGE ROAD, MT. HOREB, WI 53572 (DANE COUNTY)



130 EAST WALNUT ST.  
 GREEN BAY, WI 54305-1060  
 PH.: (920) 940-0147



**RAMAKER**  
 employee-owned  
 (608) 643-4100 www.ramaker.com





SHEET TITLE:  
 AFTER PHOTO RENDERING/SIMULATION - LOOKING WEST

PROJECT TITLE:  
 PRIMROSE

PROJECT NUMBER:  
 42804

PROJECT LOCATION:  
 RIDGE ROAD, MT. HOREB, WI 53572 (DANE COUNTY)



130 EAST WALNUT ST.  
 GREEN BAY, WI 54305-1060  
 PH: (920) 940-0147



**RAMAKER**  
 employee-owned  
 (608) 643-4100 www.ramaker.com



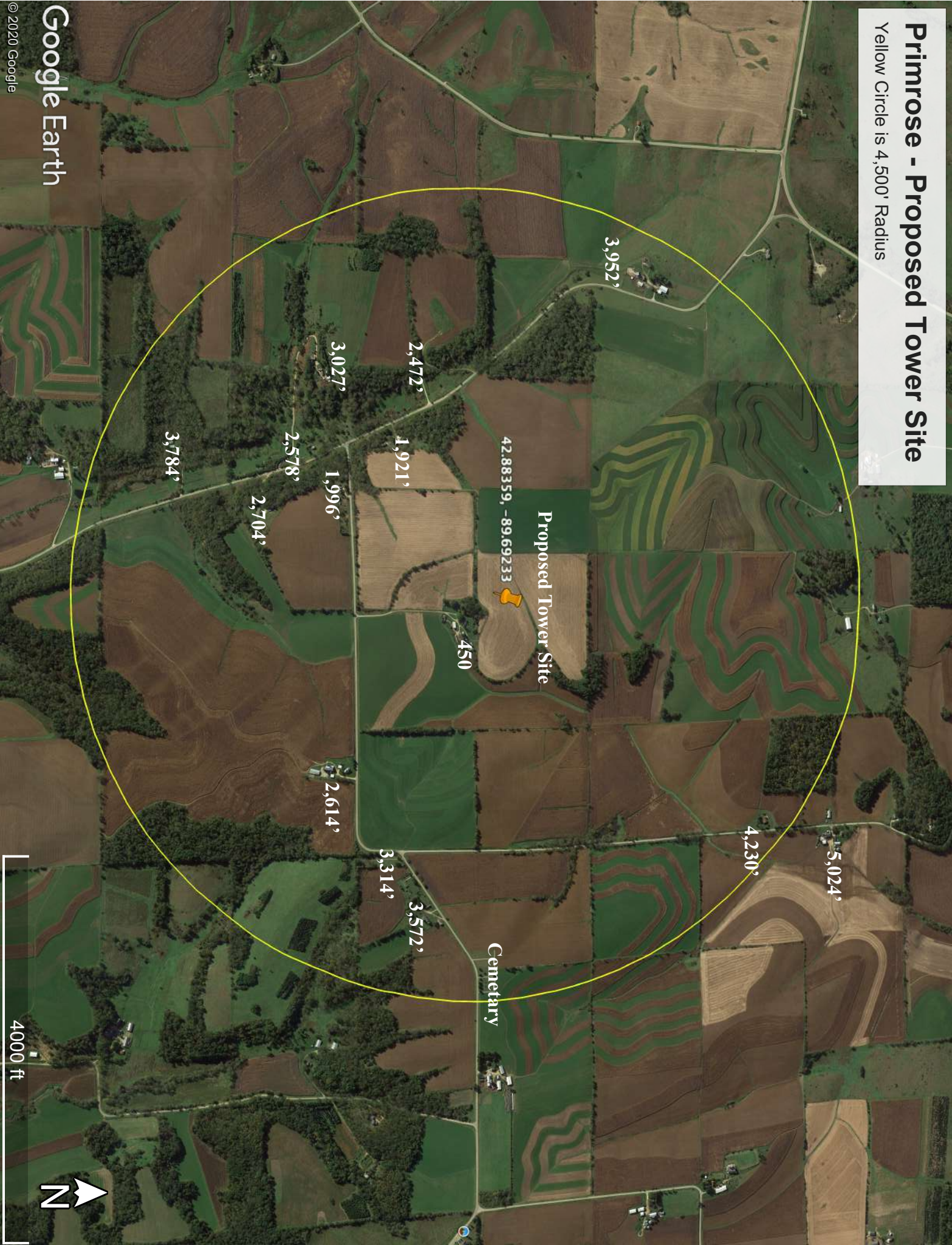
***Primrose - Distance to Homes From Proposed Tower Site***

<b><i>No.</i></b>	<b><i>Parcel #</i></b>	<b><i>Landowner</i></b>	<b><i>Address</i></b>	<b><i>Feet</i></b>
1	050719495000	Jerry Judd	9092 County Highway G	3,952
2	050720480004	Roger A Stoll & Donna J Stoll	685 Norland Road	4,230
3	050728291954	Jerold O Berge	8955 Ridge Drive	3,314
4	050728290019	Gary W Berge & Carrie J Berge	8941 Ridge Drive	3,572
5	050729190007	Jeffrey L Webber & Beverly A Webber	9108 Ridge Drive	450
6	050729380016	Danny R Olson & Patty A Olson	9201 County Highway G	2,704
7	050729385557	Oldroyd Rev Living Trust, Charles & Nancy	9190 County Highway G	2,578
8	050729389802	Kenneth W Brunner & Cynthia Brunner	9171 Ridge Drive	1,996
9	050729480006	David A Sponem	9021 Ridge Drive	2,614
10	050729291309	Jeffrey J Lahey & Mindy A Lahey	9110 County Highway G	2,472
11	050729292004	Jeremy J Lincicum & Teresa L Lincicum	9137 County Highway G	1,921
12	050729390005	Scott A Williams	9214 County Highway G	3,784
13	050730480003	Christopher C Rayne & Claudia A Rayne	9200 County Highway G	3,027
14	050721290002	Karl E Whisler & Kimberly A Meyer	734 Norland Road	5,024



# Primrose - Proposed Tower Site

Yellow Circle is 4,500' Radius





October 10, 2019

Ms. Alicia Broeren  
Bug Tussel Wireless, LLC / Cloud1, LLC  
130 Walnut St.  
Suite 306  
Green Bay, WI 54305 - 1060

B+T Group  
1717 S. Boulder, Suite 300  
Tulsa, OK 74119  
(918) 587-4630  
[btwo@btgrp.com](mailto:btwo@btgrp.com)

<b>Subject:</b>	<b>Fall Certification Letter</b>	
<b>Eastpointe Designation:</b>	<b>Eastpointe Project Number:</b>	8092
	<b>Eastpointe Site Name:</b>	Primrose, WI
<b>Engineering Firm Designation:</b>	<b>B+T Group Project Number:</b>	139190.001.01
<b>Site Data:</b>	<b>Primrose, WI</b>	
	<b>300' Foot – Guyed Tower</b>	

To Whom it May Concern:

As Requested by Eastpointe Industries, LLC on behalf of Bug Tussel Wireless, LLC / Cloud1, LLC, B+T Group is pleased to submit this "Fall Certification Letter" for the 300' guyed tower to be constructed at the Primrose, WI site.

This tower will be designed in accordance with the TIA 222-G standard for Dane County, WI. The tower will be designed to support antennas and transmission lines for four wireless carriers. The design criteria are more particularly described as follows:

Design Wind Speed: 90mph 3-sec gust (no ice), 40mph 3-sec gust (1/2" ice)  
Structure Class: II  
Exposure Category: C  
Topographic Category: 1

295'—Wireless Carrier 1 (CaAa= 150 Sq. Ft.) w/ (12) 1 5/8" transmission lines  
285'—Wireless Carrier 2 (CaAa= 200 Sq. Ft.) w/ (12) 1 5/8" transmission lines  
275'—Wireless Carrier 3 (CaAa= 150 Sq. Ft.) w/ (12) 1 5/8" transmission lines  
265' - Wireless Carrier 4 (CaAa= 150 Sq. Ft.) w/ (12) 1 5/8" transmission lines

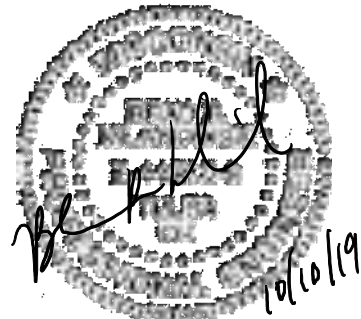
Currently it is our understanding that this structure be designed such that, if a failure were to occur, the tower would fall within a radius of 240' from the base of the structure. It should be understood that communication structures are designed in accordance with strict structural standards and it is extremely rare that well maintained towers fail under normal operational conditions. However, in the highly unlikely event that this tower were to experience operational failure, the failure mode would most likely be compression buckling. In a compression buckling failure, it is reasonable to assume a structure of this type would most likely collapse and fall on itself within a radius of 240' from the base of the tower. It should be understood that this opinion does not consider unpredictable extreme catastrophic events for which the structure is not designed. However, any damage to surrounding property caused by the tower failing during such an event would be relatively insignificant when compared to the damage caused to the surrounding property by the event itself.

I hope this letter satisfies your concerns. Please let me know if I may be of further assistance.

Report prepared by: Jerod Dotson, P.E.

Respectfully submitted by: B+T Engineering, Inc.

Brad R. Milanowski, P.E.



DRIVING DIRECTIONS

OR MAP LOCATION



NOTE: TO SCAN THE QR CODE, DOWNLOAD A QR READER APP\*\*

AERIAL VIEW OF SITE



GENERAL LOCATION



# cloud

## PRIMROSE

### CONSTRUCTION DRAWINGS

GENERAL NOTES

DISCUSSION OF PROPOSED SITE USE  
 PROPOSED ADDITION OF NEW COMPOUND



TO OBTAIN LOCATION OF PARTICIPANTS' UNDERGROUND FACILITIES BEFORE YOU DIG IN WISCONSIN  
**DIGGERS HOTLINE 811 OR 1-800-242-8511**  
 WISCONSIN STATUTE 1.82(1)75, (1)97A) REQUIRES MIN. OF 3 WORK DAYS NOTICE BEFORE YOU EXCAVATE.

SHEET INDEX

- F-1 TITLE SHEET
- NOTES:
- SP-1 SPECIFICATIONS
- SP-2 SPECIFICATIONS
- SITE:
- C-1 OVERALL SITE PLAN WITH AERIAL PHOTO
- C-2 OVERALL SITE PLAN
- C-3 SITE PLAN
- C-4 SITE ELEVATION
- C-5 FENCE DETAILS
- C-6 SITE DETAILS
- UTILITIES:
- F-1 UTILITY PLAN
- GROUNDING:
- G-1 GROUNDING PLAN
- G-2 GROUNDING DETAILS
- G-3 GROUNDING DETAILS
- G-4 GROUNDING DETAILS

PROJECT INFORMATION

**SITE DATA:**  
 SITE NAME: PRIMROSE  
 ADDRESS:  
 RIDGE ROAD  
 DAN FORD CITY  
 TAX PIN # 05072929290008, 050729195004,  
 0507292935001, 050729190007

**CONSULTING ENGINEER:**  
 RAMAKER & ASSOCIATES, INC.  
 655 COMMUNITY DRIVE  
 SALK CITY, WI 53569  
 CONTACT: STEVE WIEREN  
 PH: (608) 643-4100  
 EMAIL: swieren@ramaker.com

**LESSOR:**  
 CLOUD I  
 RAY BUILDINGS  
 SHEET FLOOR 2  
 GREEN BAY, WI 54301  
 PH: (920) 940-0147

**OCCUPANCY: UNMANNED**

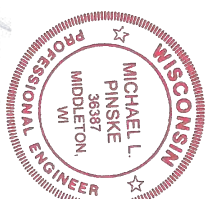
**LATITUDE:** N 42° 53' 00.96" WAD 83  
**LONGITUDE:** W 89° 41' 33.15" WAD 83  
**GROUND ELEV:** 1126 FT AMSL

SCALE: NONE

PROJECT NUMBER: 42804

(608) 643-4100  
 www.ramaker.com

cloud  
 417 PINE STREET FLOOR 2  
 GREEN BAY, WI 54301  
 PH: (920) 940-0147



MARK	DATE	DESCRIPTION	DATE
1	01/20/21	TOWER UPGRADE	05/06/2019
ISSUE	FINAL		

PROJECT INFORMATION  
 PROJECT NUMBER: 42804  
 PROJECT NAME: PRIMROSE  
 PROJECT LOCATION: GREEN BAY, WI 54301  
 PROJECT DATE: 05/06/2019

Signature: *Michael L. Pinski* DATE: 10/15/2020





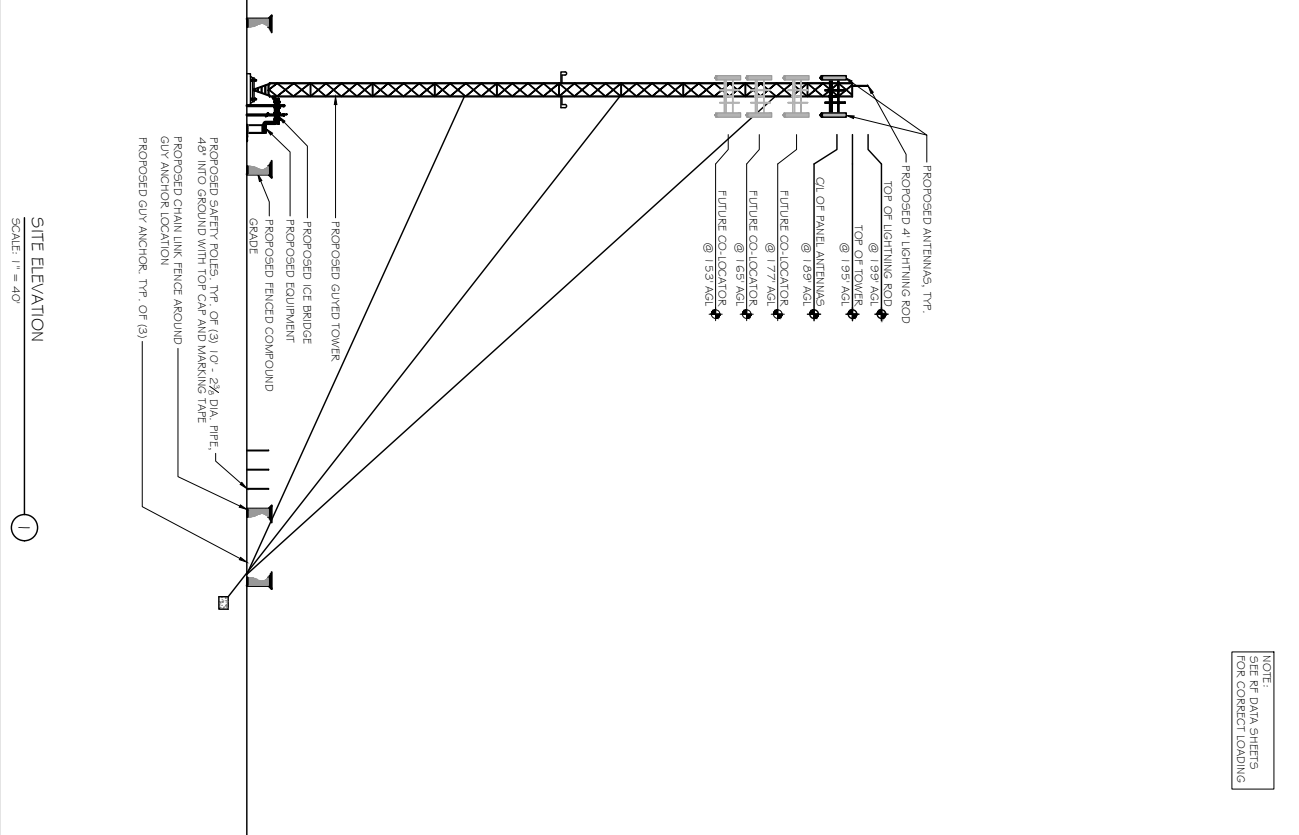




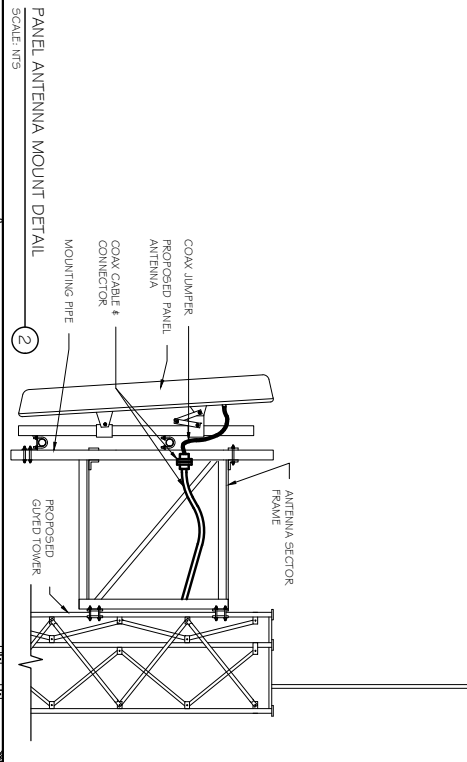




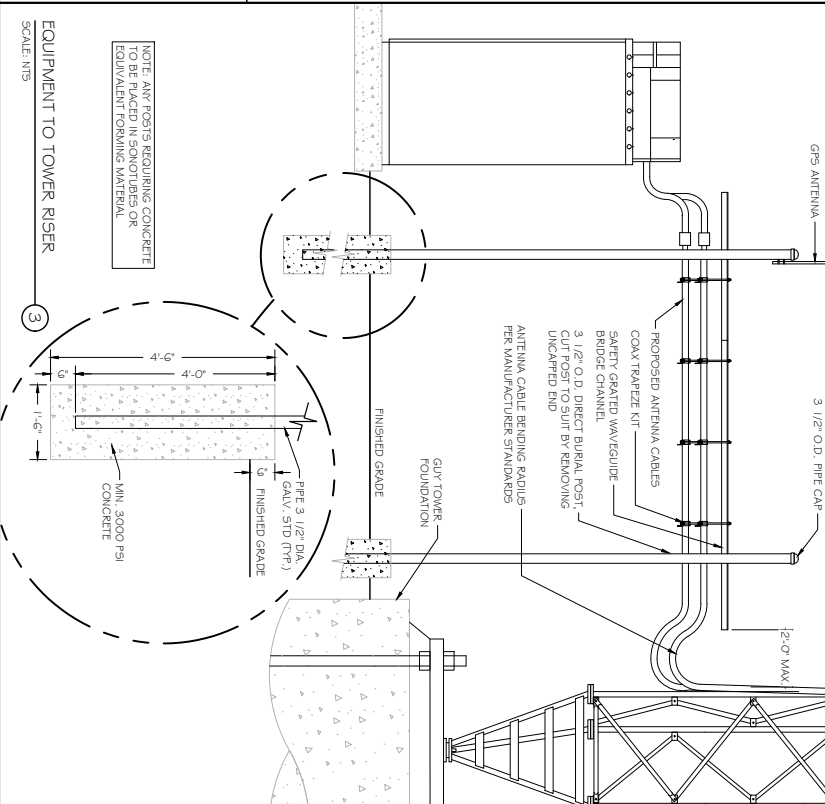
NOTE:  
 SEE RF DATA SHEETS  
 FOR CORRECT LOADING



SITE ELEVATION  
 SCALE: 1" = 40'



PANEL ANTENNA MOUNT DETAIL  
 SCALE: NTS



EQUIPMENT TO TOWER RISER  
 SCALE: NTS

NOTE: ANY POSTS REQUIRING CONCRETE TO BE PLACED IN SOUTHERNS OR EQUIVALENT FORMING MATERIAL

SITE ELEVATION  
 SCALE: 1" = 40'

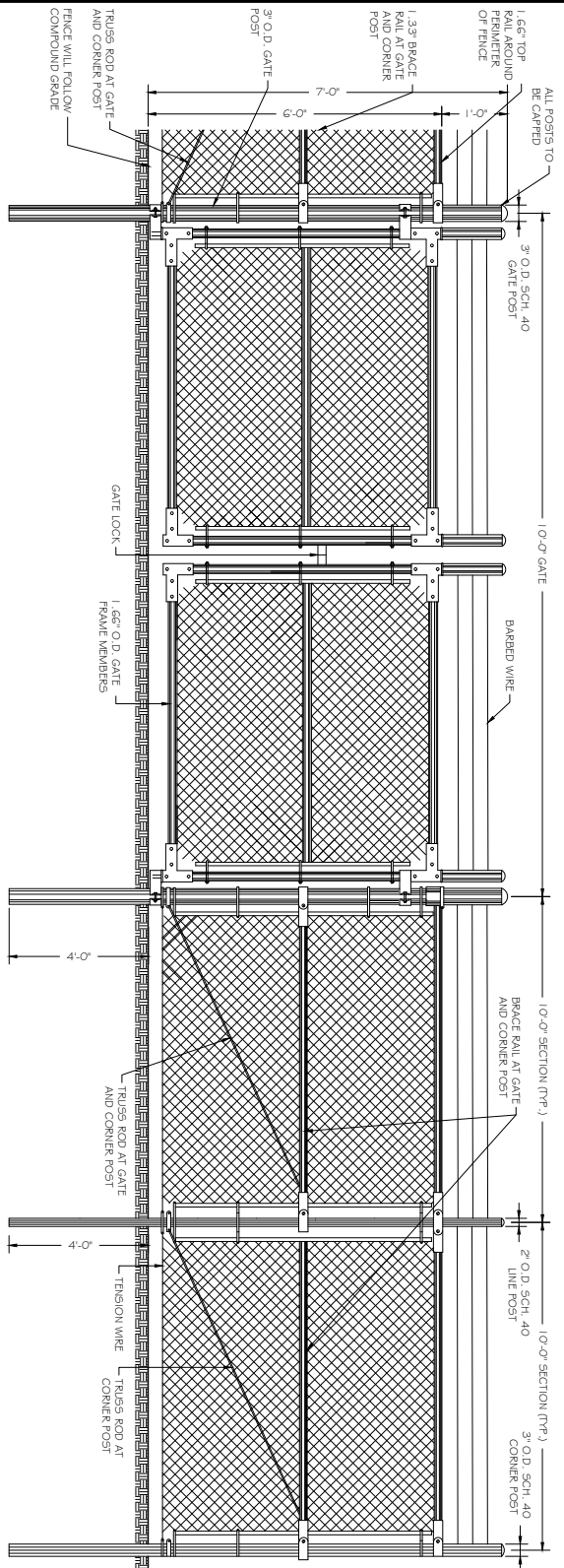
EQUIPMENT TO TOWER RISER  
 SCALE: 1" = 20'

**cloud1**

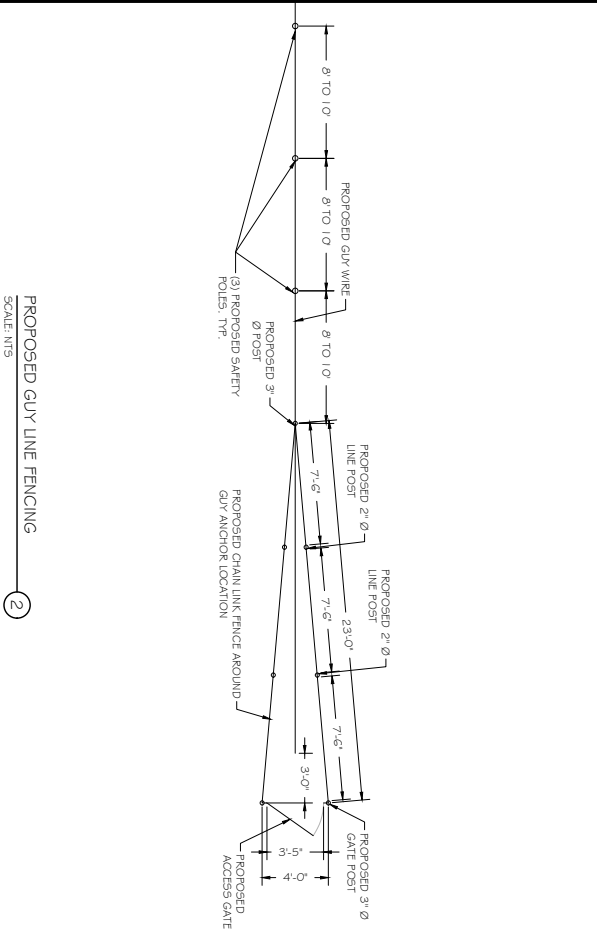
417 PINE STREET FLOOR 2  
 GREEN BAY, WI 54301  
 PH.: (920) 940-0147

**RAMAKER**  
 engineering-consulting  
 (608) 643-4100 www.ramaker.com

PROJECT INFORMATION	
PROJECT NO.	19-00000000
CLIENT	RAMAKER & ASSOCIATES, INC.
DATE	05/06/2019
DESCRIPTION	PRIMROSE
DATE	05/06/2019
MARK	FINAL
DATE	05/06/2019
PROJECT TITLE	PRIMROSE



FENCE AND ACCESS GATE DETAIL  
 SCALE: NTS



PROPOSED GUY LINE FENCING  
 SCALE: NTS

1. SCOPE
- 1.1 THIS SECTION COVERS THE REQUIREMENTS FOR THE MATERIALS AND THE CONSTRUCTION OF SITE FENCING AND GUY AREA FENCING. SEE SITE PLAN AND DRAWINGS FOR DETAILS.
  2. GUY LINE WIRE SHALL BE 1/2\"/>
    - 2.1 ALL WIRE SHALL BE GALVANIZED STEEL.
    - 2.2 ALL NON-CORROSIVE MATERIAL SHALL BE APPROVED BY THE PROJECT MANAGER.
    - 2.3 ANY DAMAGE TO GALVANIZING OR NON-CORROSIVE COATING DURING CONSTRUCTION SHALL BE REPAIRED ACCORDING TO MANUFACTURER'S RECOMMENDED METHODS. INSTALLATION PRACTICE:
    3. FENCE PILING
    - 3.1 LOCATION OF CORNER POSTS SHALL BE DETERMINED FROM STAKES AND PROPERTY PINS INSTALLED BY THE REGISTERED LAND SURVEYOR UNDER CONTRACT. IF THE STAKES ARE NOT PRESENT OR DO NOT CONFORM TO THE SITE PLAN, CONSULT WITH THE PROJECT MANAGER.
    - 3.2 CORNERS AND GATE POSTS SHALL BE 2.875\"/>
      - 3.3 CORNER POSTS SHALL BE SET WITHIN ONE INCH (1\") OF DIMENSIONS INDICATED ON THE SITE PLAN.
      - 3.4 FENCE POSTS SHALL BE VERTICALLY PLUMB IN ALL PLACES WITHIN 1/2\"/>
        - 3.5 CORNER & GATE POST FOUNDATIONS SHALL BE A MINIMUM FOUR FEET (4') DEEP OR SIX INCHES (6\") BELOW THE FENCE LINE, WHICHEVER IS GREATER, WITH MINIMUM SIX INCH (6\") CLEARANCE BETWEEN BOTTOM POSTS AND FOUNDATION SPACING SHALL BE EQUAL WITH A TEN FOOT (10') MAXIMUM SPACING.
        - 3.6 GATE POST SPACING AND SPECIFIC LOCATIONS SHALL BE IN ACCORDANCE WITH SITE PLAN AND SHALL BE VERIFIED PROJECT MANAGER.
        - 3.7 ALL CORNER GATE AND END PANELS SHALL HAVE MINIMUM 1\"/>
          - 3.8 ALL CORNER GATE AND END PANELS SHALL HAVE MINIMUM 1\"/>
            - 3.9 A TOP RAIL (1-3/8\"/>
              - 3.10 ALL FOUR CORNERS POSTS AND BOTH GATE POSTS SHALL BE CONNECTED TO THE SITE GROUNDING SYSTEM (REFER TO GROUNDING SYSTEM STANDARD).
            4. GATE
            - 4.1 LOCATION OF GATE SHALL CONFORM TO THE SITE PLAN. GATE SIZE SHALL BE PER PLAN SPECIFICATIONS AND WATER TIGHT CONNECTIONS.
            - 4.2 ALL JOINTS BETWEEN TUBULAR GATE MEMBERS SHALL BE WELDED OR HEAVY FITTINGS PROVIDING RIGID AND WATER TIGHT CONNECTIONS.
            - 4.3 GATE HINGERS SHALL PROVIDE FOR 180 DEGREE RADIUS GATE SWING. ALL HINGE NUTS SHALL BE ON THE INSIDE AND DOUBLE NUT TO OTHER UNAUTHORIZED ENTER.
            - 4.4 BARBED WIRE SHALL BE INSTALLED BETWEEN GATE MEMBERS IN "TOP" POSITION.
            - 4.5 BARBED WIRE GUARD SHALL BE INSTALLED ON TOP OF GATES. ADEQUATE CLEARANCE SHALL BE MAINTAINED TO ALLOW GATE OPERATION.
            - 4.6 GATE SHALL BE INSTALLED PLUMB AND SHALL OPEN AND CLOSE FREELY.
            - 4.7 GATE POSTS SHALL NOT BE SHAVED AS A CORNER POST.
            - 4.8 ALL GATES SHALL BE INSTALLED PLUMB AND SHALL BE INSTALLED AS INDICATED ON THE SITE PLAN AND VERIFIED WITH THE PROJECT MANAGER.

NO.	DATE	DESCRIPTION	DATE
1	01/20/21	TOWER UPDATE	
2	01/20/21	DATE	12/03/2020
3	01/20/21	DATE	05/06/2019

PROJECT TITLE: PRIMROSE

PROJECT INFORMATION:  
 PROJECT NO.: 42804  
 DATE: 05/06/2019  
 DRAWN BY: EBK  
 CHECKED BY: SEW

SCALE: NONE

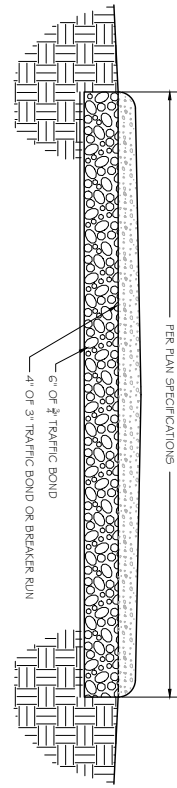
PROJECT NO.: 42804  
 DATE: 05/06/2019



**RAMAKER**  
 engineering-verified  
 (608) 643-4100 www.ramaker.com

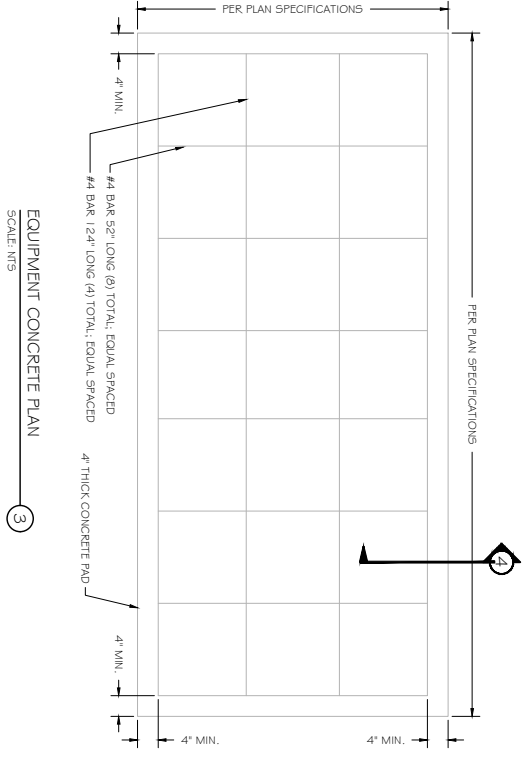


417 PINE STREET FLOOR 2  
 GREEN BAY, WI 54301  
 PH. (920) 940-0147

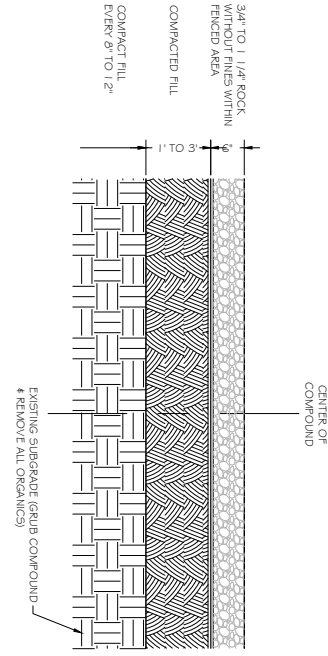


GRAVEL ACCESS ROAD  
 SCALE: NTS  
 ①

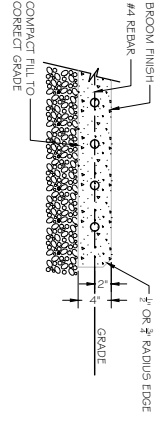
NOTE:  
 REINFORCEMENT MUST CONFORM TO THE REQUIREMENTS  
 OF ASTM A615 GRADE 60



EQUIPMENT CONCRETE PLAN  
 SCALE: NTS  
 ③

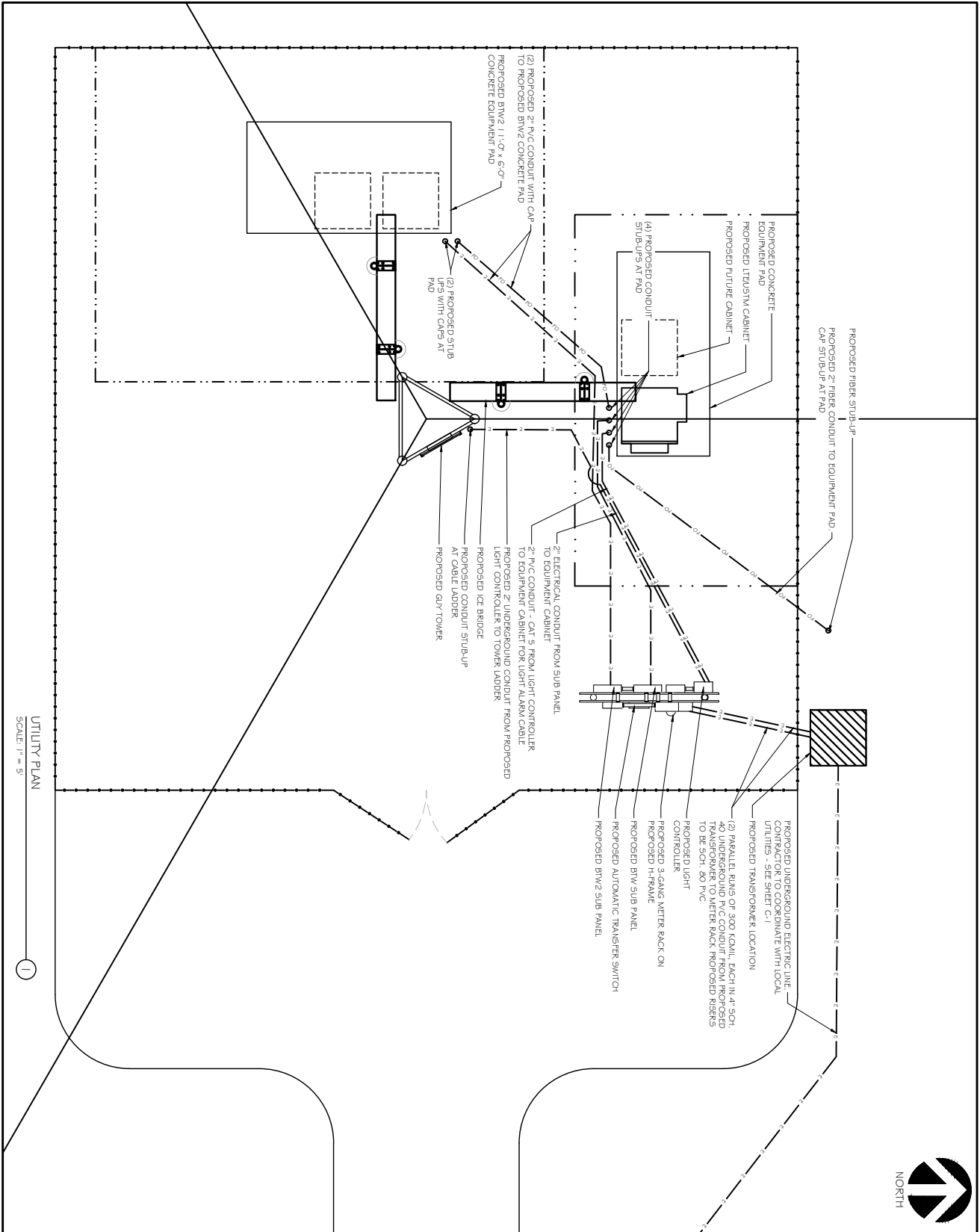


GRAVEL COMPOUND  
 SCALE: NTS  
 ②



CONCRETE PAD DETAIL  
 SCALE: NTS  
 ④

PROJECT INFORMATION	PROJECT NAME	PRIMROSE
PROJECT LOCATION	PROJECT ADDRESS	PRIMROSE
PROJECT DATE	PROJECT DATE	05/06/2019
PROJECT TITLE	PROJECT TITLE	PRIMROSE
PROJECT NUMBER	PROJECT NUMBER	42804
PROJECT SCALE	PROJECT SCALE	C-6



UTILITY PLAN  
 SCALE: 1" = 5'

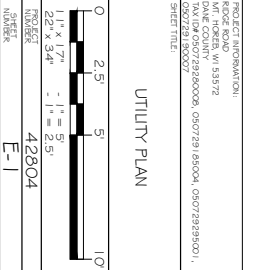


**RAMAKER**  
 enter@ramaker.com  
 (608) 643-4100 www.ramaker.com

**cloud1**  
 417 PINE STREET FLOOR 2  
 GREEN BAY, WI 54301  
 PH. (920) 940-0147

ISSUE	DATE	DESCRIPTION
ISSUE FINAL	06/06/2019	

PROJECT INFORMATION	
PROJECT NO.	42804
DATE	06/06/2019
PROJECT TITLE	PRIMROSE













**Subject:** RE: Cell Tower  
**Date:** Monday, July 20, 2020 at 5:23:34 PM Central Daylight Time  
**From:** Allan, Majid <Allan@countyofdane.com>  
**To:** Gary Henshue <Gary.Henshue@bugtusselwireless.com>  
**CC:** Jay Wendt <Jay.Wendt@bugtusselwireless.com>

**WARNING: This message is from an external sender. DO NOT open attachments or click links in this message until you have verified the authenticity of the sender!**

Hi Gary,

The county is waiving this requirement for new tower apps. We provide notification to other carriers upon request and the county's legislative tracking system has made application information more readily available to the public and other interested parties. The intent of the requirement was to try and promote collocation.

Thanks,  
Majid

Please note that the Dane County Planning & Development Department office is currently closed in response to the COVID-19 pandemic.

Staff are working remotely and can be reached via email during regular business hours.  
This is the best way to communicate with me.  
I will also check my work phone voicemail intermittently throughout business hours.

More information and updates can be found on our website: [danecountyplanning.com](http://danecountyplanning.com)

Majid Allan  
Senior Planner, Dane County Planning & Development  
210 Martin Luther King Jr. Blvd, room 116  
Madison, WI 53703  
[allan@countyofdane.com](mailto:allan@countyofdane.com) / 608-267-2536

**From:** Gary Henshue <Gary.Henshue@bugtusselwireless.com>  
**Sent:** Monday, July 20, 2020 2:35 PM  
**To:** Allan, Majid <Allan@countyofdane.com>  
**Cc:** Jay Wendt <Jay.Wendt@bugtusselwireless.com>  
**Subject:** Cell Tower

**CAUTION: External Email - Beware of unknown links and attachments. Contact Helpdesk**



417 Pine Street

P.O. Box 1060

Green Bay, WI 54301

August 4, 2020

Cardinal Ridge Airport  
Attn: Steven Meassick  
650 Perry Center Rd  
Mt Horeb, WI 53572

Phone 608-832-0578

Per Dane County Regulations this letter is to serve as notification of a proposed wireless facility and tower being proposed at coordinates 42.88359, -89.69233 approximately 3.05 miles to the east of your location.

The site is currently in review by Dane County for a Conditional Use Permit.

Thank you,

**JayWendt**, Business Development Representative  
**608.852.6170**  
[jay.wendt@bugtusselwireless.com](mailto:jay.wendt@bugtusselwireless.com)

AIRNAV.COM

NOW HIRING  
DIRECT ENTRY CAPTAINSAir Wisconsin  
AIRLINES

Airports

Nav aids


Airspace Fixes

Aviation Fuel

Hotels

iPhone App

My AirNav

1495 users online 

# WI24 Cardinal Ridge Airport

Mount Horeb, Wisconsin, USA



GOING TO MOUNT HOREB?

[Reserve a Hotel Room](#)

## FAA INFORMATION EFFECTIVE 12 SEPTEMBER 2019

### Location

FAA Identifier: WI24

Lat/Long: 42-52-52.0000N 089-45-08.0000W

42-52.866667N 089-45.133333W

42.8811111,-89.7522222

(estimated)

Elevation: 1080 ft. / 329 m (estimated)

Variation: 01W ()

From city: 8 miles S of MT HOREB, WI

Time zone: UTC -5 (UTC -6 during Standard Time)

Zip code: 53572

[Loc](#) | [Ops](#) | [Rwys](#) | [IFR](#) | [FBO](#) | [Links](#)  
[Com](#) | [Nav](#) | [Svcs](#) | [Stats](#) | [Notes](#)Road maps at: [MapQuest](#) [Bing](#) [Google](#)

### Airport Operations

Airport use: Private use. Permission required prior to landing

Activation date: 12/2000

Control tower: no

ARTCC: CHICAGO CENTER

FSS: GREEN BAY FLIGHT SERVICE STATION

Attendance: UNATNDD

Segmented circle: no

### Airport Communications

WX AWOS-3 at C29 (17 nm NE): 118.675 (608-833-1686)

WX AWOS-3 at EFT (17 nm SE): 118.375 (608-328-8359)

### Nearby radio navigation aids

VOR radial/distance	VOR name	Freq	Var
<a href="#">MSNR</a> 226/24.0	MADISON VORTAC	108.60	03E
<a href="#">LNR</a> r146/29.9	LONE ROCK VOR/DME	112.80	00E
<a href="#">JVL</a> r301/34.5	JANESVILLE VOR/DME	114.30	03E

### Aerial photo

No photo available

If you have an aerial photo of this airport that you would like to share with other users of AirNav.com, click here to [send us your photo](#).

### Sectional chart

## Airport Services

## Runway Information

### Runway 3/21

Dimensions: 1370 x 75 ft. / 418 x 23 m

Surface: turf, in good condition

**RUNWAY 3    RUNWAY 21**

Traffic pattern: left                      left

## Airport Ownership and Management from official FAA records

Ownership: Privately-owned

Owner: STEVEN MEASSICK  
650 PERRY CENTER RD  
MT HOREB, WI 53572  
Phone 608-832-0578

Manager: STEVEN MEASSICK  
650 PERRY CENTER RD  
MT HOREB, WI 53572  
Phone 608-832-0578

## Airport Operational Statistics

Aircraft based on the field: 2

Single engine airplanes: 1

Ultralights: 1

## Additional Remarks

- FOR CD CTC CHICAGO ARTCC AT 630-906-8921.

## Instrument Procedures

There are no published instrument procedures at WI24.

Some nearby airports with instrument procedures:

[C29](#) - Middleton Municipal Airport - Morey Field (17 nm NE)

[KEFT](#) - Monroe Municipal Airport (17 nm SE)

[KMRJ](#) - Iowa County Airport (21 nm W)

[KMSN](#) - Dane County Regional Airport-Truax Field (24 nm NE)

[91C](#) - Sauk-Prairie Airport (25 nm N)



## Airport distance calculator

Flying to Cardinal Ridge Airport? Find the distance to fly.

From  to WI24

## Sunrise and sunset

Times for 03-Oct-2019

	Local (UTC-5)	Zulu (UTC)
Morning civil twilight	06:31	11:31
Sunrise	07:00	12:00
Sunset	18:37	23:37
Evening civil twilight	19:05	00:05

## Current date and time

**Zulu (UTC)**                      03-Oct-2019 16:37:49  
**Local (UTC-5)**                 03-Oct-2019 11:37:49

## METAR

**KC29**    031615Z AUTO 29012G17KT 5SM  
17nm NE BKN016 OVC023 13/10 A3008 RMK  
AO1 T01290100

**KEFT**    031615Z AUTO 29013G23KT 10SM  
18nm SE OVC013 12/10 A3010 RMK AO2  
T01230098

**KMRJ**    031615Z AUTO 30009G17KT 10SM  
20nm W BKN016 OVC020 08/06 A3012 RMK  
AO2

**KMSN**    031553Z 29010G19KT 10SM  
23nm NE OVC017 12/09 A3006 RMK AO2  
SLP181 T01220094

**KLNR**    031556Z AUTO 28013G20KT 10SM  
28nm NW OVC016 12/08 A3011 RMK AO2  
SLP191 T01170078

**KPVB**    031615Z AUTO 29012G17KT 10SM  
33nm W OVC020 12/10 A3014 RMK AO1  
T01170100

## TAF

**KMSN**    031418Z 0314/0412 30010G19KT  
23nm NE P6SM OVC015 FM031600  
29012G23KT P6SM BKN015  
FM031900 30012G22KT P6SM  
BKN023 FM040000 31008KT P6SM  
BKN040 FM040300 32007KT P6SM  
SCT120 FM040800 36005KT P6SM  
SCT060

## NOTAMs



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

Aeronautical Study No.  
 2019-AGL-8057-OE

Issued Date: 06/14/2019

Jackie Merryfield  
 Cloud 1, LLC  
 417 Pine St.  
 Floor 2  
 Green Bay, WI 54305

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

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

Structure: Antenna Tower Primrose-42804-DANE-5070-Cloud 1  
 Location: Mount Horeb, WI  
 Latitude: 42-53-00.96N NAD 83  
 Longitude: 89-41-33.15W  
 Heights: 1126 feet site elevation (SE)  
 305 feet above ground level (AGL)  
 1431 feet above mean sea level (AMSL)

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

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

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

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

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

This determination expires on 12/14/2020 unless:

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

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

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

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

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

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

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

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

If we can be of further assistance, please contact our office at (718) 553-4199, or [Dianne.Marin@FAA.GOV](mailto:Dianne.Marin@FAA.GOV). On any future correspondence concerning this matter, please refer to Aeronautical Study Number 2019-AGL-8057-OE.

**Signature Control No: 405362225-408463536**  
Dianne Marin  
Technician

( DNE )

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

cc: FCC

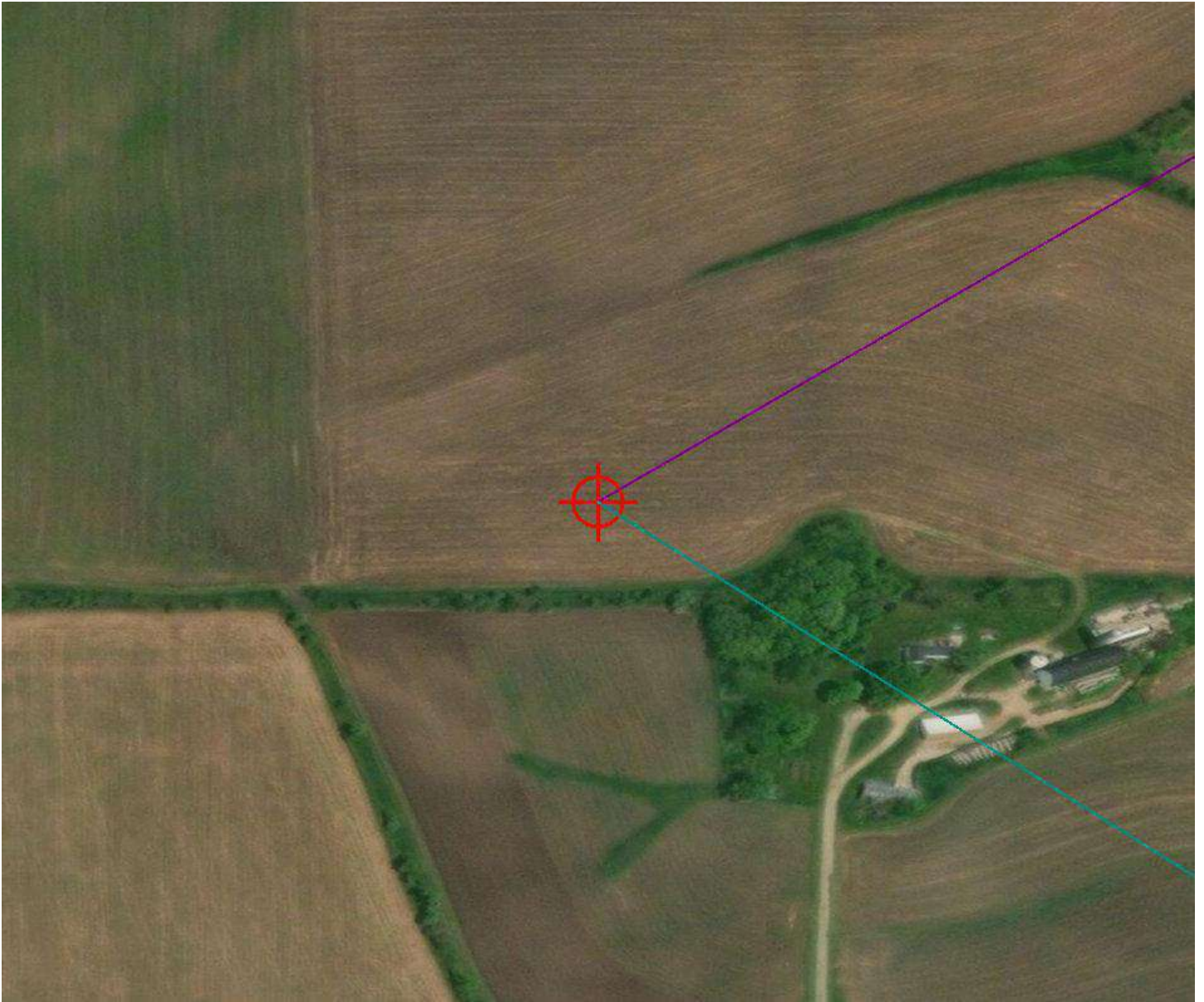
## Case Description for ASN 2019-AGL-8057-OE

The proposed structure is a 300-foot guyed tower. With all appurtenances, the overall tower height is 305 feet AGL.

**Frequency Data for ASN 2019-AGL-8057-OE**

<b>LOW FREQUENCY</b>	<b>HIGH FREQUENCY</b>	<b>FREQUENCY UNIT</b>	<b>ERP</b>	<b>ERP UNIT</b>
6	7	GHz	55	dBW
6	7	GHz	42	dBW
10	11.7	GHz	55	dBW
10	11.7	GHz	42	dBW
17.7	19.7	GHz	55	dBW
17.7	19.7	GHz	42	dBW
21.2	23.6	GHz	55	dBW
21.2	23.6	GHz	42	dBW
614	698	MHz	2000	W
614	698	MHz	1000	W
698	806	MHz	1000	W
806	901	MHz	500	W
806	824	MHz	500	W
824	849	MHz	500	W
851	866	MHz	500	W
869	894	MHz	500	W
896	901	MHz	500	W
901	902	MHz	7	W
929	932	MHz	3500	W
930	931	MHz	3500	W
931	932	MHz	3500	W
932	932.5	MHz	17	dBW
935	940	MHz	1000	W
940	941	MHz	3500	W
1670	1675	MHz	500	W
1710	1755	MHz	500	W
1850	1910	MHz	1640	W
1850	1990	MHz	1640	W
1930	1990	MHz	1640	W
1990	2025	MHz	500	W
2110	2200	MHz	500	W
2110	2120	MHz	2000	W
2305	2360	MHz	2000	W
2305	2310	MHz	2000	W
2345	2360	MHz	2000	W
2496	2690	MHz	500	W







**UNITED STATES OF AMERICA  
FEDERAL COMMUNICATIONS COMMISSION  
ANTENNA STRUCTURE REGISTRATION**



OWNER: Cloud 1

FCC Registration Number (FRN): 0018139824

ATTN: Jackie Merryfield Cloud 1 417 Pine Street Floor 2 Green Bay, WI 54301	<b>Antenna Structure Registration Number</b>  1311635						
	<b>Issue Date</b> 08-15-2019						
<b>Location of Antenna Structure</b> Along County Road G Mount Horeb, WI 53572 County: DANE	<b>Ground Elevation (AMSL)</b> 343.2 meters						
	<b>Overall Height Above Ground (AGL)</b> 93.0 meters						
<table border="0"> <tr> <td align="center"><b>Latitude</b></td> <td align="center"><b>Longitude</b></td> <td align="center"><b>NAD83</b></td> </tr> <tr> <td align="center">42- 53- 00.9 N</td> <td align="center">089- 41- 33.1 W</td> <td></td> </tr> </table>	<b>Latitude</b>	<b>Longitude</b>	<b>NAD83</b>	42- 53- 00.9 N	089- 41- 33.1 W		<b>Overall Height Above Mean Sea Level (AMSL)</b> 436.2 meters
<b>Latitude</b>	<b>Longitude</b>	<b>NAD83</b>					
42- 53- 00.9 N	089- 41- 33.1 W						
<b>Center of Array Coordinates</b>  N/A	<b>Type of Structure</b> GTOWER  Guyed Structure Used for Communication Purposes						
FAA Chapters 4, 8, 12  Paint and Light in Accordance with FAA Circular Number 70/7460-1L							

This registration is effective upon completion of the described antenna structure and notification to the Commission. **YOU MUST NOTIFY THE COMMISSION WITHIN 24 HOURS OF COMPLETION OF CONSTRUCTION OR CANCELLATION OF YOUR PROJECT, please file FCC Form 854.** To file electronically, connect to the antenna structure registration system by pointing your web browser to <http://wireless.fcc.gov/antenna>. Electronic filing is recommended. You may also file manually by submitting a paper copy of FCC Form 854. Use purpose code "NT" for notification of completion of construction; use purpose code "CA" to cancel your registration.

The Antenna Structure Registration is not an authorization to construct radio facilities or transmit radio signals. It is necessary that all radio equipment on this structure be covered by a valid FCC license or construction permit.

**You must immediately provide a copy of this Registration to all tenant licensees and permittees sited on the structure described on this Registration (although not required, you may want to use Certified Mail to obtain proof of receipt), and display your Registration Number at the site. See reverse for important information about the Commission's Antenna Structure Registration rules.**

FCC 854R  
June 2012

You must comply with all applicable FCC obstruction marking and lighting requirements, as set forth in Part 17 of the Commission's Rules (47 C.F.R. Part 17). These rules include, but are not limited to:

- **Posting the Registration Number:** The Antenna Structure Registration Number must be displayed in a conspicuous place so that it is readily visible near the base of the antenna structure. Materials used to display the Registration Number must be weather-resistant and of sufficient size to be easily seen at the base of the antenna structure. Exceptions exist for certain historic structures. See 47 C.F.R. 17.4(g)-(h).
- **Inspecting lights and equipment:** The obstruction lighting must be observed at least every 24 hours in order to detect any outages or malfunctions. Lighting equipment, indicators, and associated devices must be inspected at least once every three months.
- **Reporting outages and malfunctions:** When any top steady-burning light or a flashing light (in any position) burns out or malfunctions, the outage must be reported to the nearest FAA Flight Service Station, unless corrected within 30 minutes. The FAA must again be notified when the light is restored. The owner must also maintain a log of these outages and malfunctions.
- **Maintaining assigned painting:** The antenna structure must be repainted as often as necessary to maintain good visibility.
- **Complying with environmental rules:** If you certified that grant of this registration would not have a significant environmental impact, you must nevertheless maintain all pertinent records and be ready to provide documentation supporting this certification and compliance with the rules, in the event that such information is requested by the Commission pursuant to 47 C.F.R. 1.1307(d).
- **Updating information:** The owner must notify the FCC of proposed modifications to this structure; of any change in ownership; or, within 30 days of dismantlement of the structure.

Copies of the Code of Federal Regulations (which contain the FCC's antenna structure registration rules, 47 C.F.R. Part 17) are available from the Government Printing Office (GPO). To purchase CFR volumes, call (202) 512-1800. For GPO Customer Service, call (202) 512-1803. For additional FCC information, consult the Antenna Homepage on the internet at <http://wireless.fcc.gov/antenna> or call (877) 480-3201 (TTY 717-338-2824).

# Parcel Number - 048/0507-292-8000-8

Current

## Parcel Summary

Municipality Name	TOWN OF PRIMROSE
Parcel Description	SEC 29-5-7 NE1/4 NW1/4
Owner Names	JEFFREY L WEBBER BEVERLY A WEBBER
Primary Address	<b>No parcel address available.</b>
Billing Address	9108 RIDGE DR MT HOREB WI 53572

## Parcel Map



## Current Year Assessment

Assessment Year	2019
Valuation Classification	G4
Assessment Acres	40.200
Land Value	\$7,100.00
Improved Value	\$0.00
Total Value	\$7,100.00

## Assessment Contacts

### Assessment Contact Information

For questions or to schedule an appointment contact:

**Assessor** ACCURATE APPRAISAL LLC  
**Phone** 920-749-8098  
**Email** INFO@ACCURATEASSESSOR.COM

**Clerk** RUTH HANSON  
**Phone** 608-318-4440  
**Email** CLERK@TOWNOFPRIMROSE.COM

## Open Book/Board Of Review Dates

### Open Book

Open Book dates have passed for the year  
 Starts: 05/30/2019 - 05:00 PM  
 Ends: 05/30/2019 - 07:00 PM

### Board Of Review

Board of Review dates have passed for the year  
 Starts: 06/18/2019 - 05:00 PM  
 Ends: 06/18/2019 - 07:00 PM

## Zoning Information

For the most current and complete zoning information, contact the Division of Zoning.

<b>Zoning</b>
FP-35 DCPREZ-2019-00004
<b>NOTICE:</b> Some portion of this parcel either contains or is in close proximity to sensitive environmental features (i.e. shorelands, floodplains, or wetlands), and Dane County regulations may apply. Please contact the Dane County Zoning Division at (608) 266-4266 for additional permitting information.

Zoning District Fact Sheets

## Current Year Taxes (2018)

Assessed Land Value	Assessed Improvement Value	Total Assessed Value
\$6,900.00	\$0.00	\$6,900.00
<b>Taxes:</b>		\$125.51
<b>Lottery Credit(-):</b>		\$0.00
<b>First Dollar Credit(-):</b>		\$0.00
<b>Specials(+):</b>		\$0.00
<b>Amount:</b>		\$125.51

## Districts

Type	State Code	Description
REGULAR SCHOOL	3934	NEW GLARUS SCHOOL DIST
TECHNICAL COLLEGE	0400	MADISON TECH COLLEGE
OTHER DISTRICT	24NG	NEW GLARUS FIRE
OTHER DISTRICT	24E3	EMS NEW GLARUS

## Recorded Documents

Doc. Type	Date Recorded	Doc. Number	Volume	Page
WD	04/12/1994		12381	77